

LAS VIRGENES MUNICIPAL WATER DISTRICT
4232 Las Virgenes Road
Calabasas, CA 91302

AGENDA
LVMWD BOARD OF DIRECTORS - REGULAR MEETING
TUESDAY, MAY 2, 2023 – 9:00 AM

PUBLIC PARTICIPATION: The public may join this meeting virtually or attend in person in the Board Room. Teleconference participants will be muted until recognized at the appropriate time by the Board President. To join via teleconference, please use the following Webinar ID"

Webinar ID: <https://us06web.zoom.us/j/86548117478>

To join by telephone, please dial (669) 900-6833 or (346) 248-7799 and enter Webinar ID:
865 4811 7478

For members of the public wishing to address the Board during Public Comment or during a specific agenda item, please press "Raise Hand" if you are joining via computer; or press *9 if you are joining via phone; or inform the Executive Assistant/Clerk of the Board if attending in person.

Members of the public can also access and request to speak at meetings live on-line, with audio and limited video, at www.lvmwd.com/livestream. To ensure distribution of the agenda, please submit comments 24 hours prior to the day of the meeting. Those comments, as well as any comments received during the meeting, will be distributed to the members of the Board of Directors and will be made part of the official public record of the meeting. Contact Josie Guzman, Executive Assistance/Clerk of the Board, at (818) 251-2123 or jguzman@lvmwd.com with any questions.

ACCESSIBILITY: If requested, the agenda and backup materials will be made available in appropriate alternative formats to persons with a disability, as required by Section 202 of the Americans with Disabilities Act of 1990 (42 U.S.C. Sec. 12132), and the federal rules and regulations adopted in the implementation thereof. Any person who requires a disability-related modification or accommodation, to attend or participate in this meeting, including auxiliary aids or services, may request such reasonable modification or accommodation by contacting the Executive Assistant/Clerk of the Board by telephone at (818) 251-2123 or via email to jguzman@lvmwd.com at least 48 hours prior to the meeting.

Members of the public wishing to address the Board of Directors are advised that a statement of Public Comment Protocols is available from the Clerk of the Board. Prior to speaking, each speaker is asked to review these protocols, complete a speakers' card, and hand it to the Clerk of the Board. Speakers will be recognized in the order the cards are received. A live webcast of the meeting will be available at LVMWD.com. Also, a web-based version of the speaker card is available for those who would like to submit written comments electronically or request to make public comment by telephone during the meeting.

The Public Comments agenda item is presented to allow the public to address the Board on matters not on the agenda. The public may also present comments on matters on the agenda; speakers for agenda items will be recognized at the time the item is called up for discussion.

Materials prepared by the District in connection with the subject matter on the agenda are available for public inspection at 4232 Las Virgenes Road, Calabasas, CA 91302. Materials prepared by the District and distributed to the Board during this meeting are available for public inspection at the meeting or as soon thereafter as possible. Materials presented to the Board by the public will be maintained as part of the records of these proceedings and are available upon request to the Clerk of the Board.

PLEDGE OF ALLEGIANCE

1. CALL TO ORDER AND ROLL CALL

2. APPROVAL OF AGENDA

3. PUBLIC COMMENTS

*Members of the public may now address the Board of Directors **ON MATTERS NOT APPEARING ON THE AGENDA**, but within the jurisdiction of the Board. No action shall be taken on any matter not appearing on the agenda unless authorized by Subdivision (b) of Government Code Section 54954.2*

4. CONSENT CALENDAR

Matters listed under the Consent Calendar are considered to be routine, non-controversial and normally approved with one motion. If discussion is requested by a member of the Board on any Consent Calendar item, or if a member of the public wishes to comment on an item, that item will be removed from the Consent Calendar for separate action.

4.A [List of Demands: May 02, 2023 \(Pg. 5\)](#)

Receive and file.

4.B **Minutes: Regular Meeting of April 18, 2023 (Pg. 46)**

Approve.

4.C **Monthly Cash and Investment Report: March 2023 (Pg. 56)**

Receive and file the Monthly Cash and Investment Report for March 2023.

4.D **Statement of Revenues, Expenses and Changes in Net Position: March 2023 (Pg. 72)**

Receive and file the Statement of Revenues, Expenses and Changes in Net Position for the period ending on March 31, 2023.

4.E **American Water Works Association ACE23 Water Conference: Board Member Attendance (Pg. 76)**

Authorize Board Member attendance and per diem compensation for the American Water Works Association ACE23 Water Conference that will be held June 11 through 14, 2023, in Toronto, Canada.

5. **ILLUSTRATIVE AND/OR VERBAL PRESENTATION OF AGENDA ITEMS**

5.A **Water Supply Conditions Update (Pg. 81)**

6. **TREASURER**

7. **FINANCE AND ADMINISTRATION**

7.A **Fiscal Year 2023-24 Draft Budget Review (Pg. 83)**

Review and provide feedback on the Fiscal Year 2023-24 Draft Budget.

7.B **Telephone System Upgrade and Implementation: Approval (Pg. 91)**

Authorize the General Manager to execute a three-year agreement with RingCentral, Inc., in the amount of \$127,312.52 plus applicable taxes, for implementation of a Unified Communications as a Service platform for the office telephone system.

8. **ENGINEERING AND EXTERNAL AFFAIRS**

8.A **Automatic Meter Reading/Advanced Metering Infrastructure Project: Final Acceptance (Pg. 117)**

Authorize the General Manager to execute Change Order No. 12 for a credit, in the amount of \$112,887.33; approve payment, in the amount of \$68,672.93, for surplus meters placed in warehouse inventory; execute a Notice of Completion and have the same recorded; and, in the absence of claims from subcontractors and others, release the retention/retainage bond, in the amount of \$463,143.10, 30-calendar days after filing the Notice of Completion for the Automatic Meter Reading/Advanced Metering Infrastructure Project.

9. **NON-ACTION ITEMS**

A. *Organization Reports*

B. *Director's Reports on Outside Meetings*

C. *General Manager's Reports*

(a) *General Business*

(b) *Follow-up Items*

D. Director's Comments

10. **FUTURE AGENDA ITEMS**

11. **PUBLIC COMMENTS**

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12. **ADJOURNMENT**

Pursuant to Section 202 of the Americans with Disabilities Act of 1990 (42 U.S.C. Sec. 12132), and applicable federal rules and regulations, requests for a disability-related modification or accommodation, including auxiliary aids or services, in order to attend or participate in a meeting, should be made to the Executive Assistant/Clerk of the Board in advance of the meeting to ensure availability of the requested service or accommodation. Notices, agendas, and public documents related to the Board meetings can be made available in appropriate alternative format upon request.

LAS VIRGENES MUNICIPAL WATER DISTRICT

To: ANDY CORADESCHI, TREASURER

Payments for Board Meeting of : May 2, 2023

Deputy Treasurer has verified that all checks and wire transfers were issued in conformance with LVMWD Administrative Code Section 2-6.203.

Wells Fargo Bank A/C No. 4806-994448

Checks Nos. 106615 through 106715 were issued in the total amount of	<u>\$ 1,082,744.57</u>
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Payments through direct disbursements as follows:

Las Virgenes Municipal Water District payment number 23193 through 23216	<u>\$ 6,209.98</u>
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Total Payments	<u><u>\$ 1,088,954.55</u></u>
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(Reference is hereby to these demands on file in the District's Check Register and by this reference the same is incorporated herein and made a part hereof.)

**CHECK LISTING FOR BOARD MEETING
5/2/2023**

Company Name	Company No.	Check No. 106615-106655 04/04/23 Amount	Check No. 106656-106715 04/11/23 Amount	Total
Potable Water Operations	101	25,851.52	71,688.64	97,540.16
Recycled Water Operations	102			-
Sanitation Operations	130		201.00	201.00
Potable Water Construction	201		2,712.35	2,712.35
Water Conservation Construction	203			-
Sanitation Construction	230			-
Potable Water Replacement	301	275,405.97	75.00	275,480.97
Recycled Water Replacement	302			-
Sanitation Replacement	330			-
Internal Service	701	20,285.51	180,927.12	201,212.63
JPA Operations	751	105,046.72	212,684.40	317,731.12
JPA Construction	752			-
JPA Replacement	754		187,866.34	187,866.34
Total Printed		426,589.72	656,154.85	1,082,744.57
Voided Checks/payment stopped:				
				-
				-
				-
				-
				-
				-
Total Voids		-	-	-
Net Total		426,589.72	656,154.85	1,082,744.57

**DIRECT DISBURSEMENTS LISTING FOR BOARD MEETING
5/2/2023**

Company Name	Company No.	Direct Disb. No. 23193-23202 04/04/23 Amount	Direct Disb. No. 23203-23216 04/11/23 Amount	Total
Potable Water Operations	101		1,308.82	1,308.82
Recycled Water Operations	102			-
Sanitation Operations	130		128.22	128.22
Potable Water Construction	201			-
Water Conservation Construction	203			-
Sanitation Construction	230			-
Potable Water Replacement	301			-
Recycled Water Replacement	302			-
Sanitation Replacement	330			-
Internal Service	701	1,750.91	844.04	2,594.95
JPA Operations	751	2,110.81	67.18	2,177.99
JPA Construction	752			-
JPA Replacement	754			-
	Total Printed	3,861.72	2,348.26	6,209.98
Voided Direct Disbursements:				
		-	-	-
	Total Voids	-	-	-
	Totals	3,861.72	2,348.26	6,209.98

A/P CASH DISBURSEMENTS JOURNAL

CASH ACCOUNT: 999 100100 Cash-General
 CHECK NO CHK DATE TYPE VENDOR NAME

CHECK NO	CHK DATE	TYPE	VENDOR NAME	INVOICE	INV DATE	PO	CHECK RUN	NET
106615	04/04/2023	PRTD	2317 ACORN NEWSPAPER	198601	03/11/2023		040423	865.00
			Invoice: 198601					
				432.50 101900 660400				
				432.50 751840 660400				
			Invoice: 198831	198831	03/18/2023		040423	865.00
			ACORN NEWSPAPER					
				432.50 101900 660400				
				432.50 751840 660400				
						CHECK	106615 TOTAL:	1,730.00
106616	04/04/2023	PRTD	30083 AQUATIC GARDENS LLC	12820	03/21/2023		040423	160.00
			Invoice: 12820					
				160.00 701001 551500				
						CHECK	106616 TOTAL:	160.00
106617	04/04/2023	PRTD	19264 ARNOLD LAROCHELLE MATHEWS VANCONA 7475		03/14/2023		040423	250.00
			Invoice: 7475					
				250.00 751840 687200				
						CHECK	106617 TOTAL:	250.00
106618	04/04/2023	PRTD	16224 ASBURY ENVIRONMENTAL SERVICES	I500-00911474	03/17/2023		040423	95.00
			Invoice: I500-00911474					
				95.00 751820 551500				
						CHECK	106618 TOTAL:	95.00
106619	04/04/2023	PRTD	2869 AT&T	46399044/031423	03/14/2023		040423	53.27
			Invoice: 46399044/031423					
				53.27 701001 540520				
						CHECK	106619 TOTAL:	53.27
106620	04/04/2023	PRTD	30119 ATS COMMUNICATIONS	2-2023	03/17/2023		040423	3,286.25
			Invoice: 2-2023					
				3,286.25 701310 552500				
						CHECK	106620 TOTAL:	3,286.25
106621	04/04/2023	PRTD	9067 AUSTIN-MAC, INC.	32411	03/10/2023	2230102	040423	29,000.00
			Invoice: 32411					
				29,000.00 751820 551000				

A/P CASH DISBURSEMENTS JOURNAL

CASH ACCOUNT: 999 100100 Cash-General
 CHECK NO CHK DATE TYPE VENDOR NAME

CHECK NO	CHK DATE	TYPE	VENDOR NAME	INVOICE	INV DATE	PO	CHECK RUN	NET
INVOICE DTL DESC								
							CHECK 106621 TOTAL:	29,000.00
106622	04/04/2023	PRTD	7770 AUTOMATIONDIRECT.COM	14843364	03/15/2023		040423	157.68
			Invoice: 14843364				INDICATING LIGHT AND POWER SUPPLY	
				157.68 751820 551000			Supplies/Material	
							CHECK 106622 TOTAL:	157.68
106623	04/04/2023	PRTD	30535 BETTER BUSINESS PLANNING, INC	246370	02/27/2023		040423	205.83
			Invoice: 246370				FSA DEBIT CARD MAR'23	
				191.25 701430 622000			Outside Services	
				14.58 701430 622000			Outside Services	
							CHECK 106623 TOTAL:	205.83
106624	04/04/2023	PRTD	18071 BLUE DIAMOND MATERIALS	3078854	03/07/2023		040423	506.71
			Invoice: 3078854				5.22 TONS A/C 3/8 FINE	
				506.71 101700 551000			Supplies/Material	
							CHECK 106624 TOTAL:	506.71
106625	04/04/2023	PRTD	18080 BOOT BARN INC.	INV00237231	03/14/2023		040423	210.10
			Invoice: INV00237231				SAFETY FOOTWARE - D. JOHNSON	
				210.10 701331 623000			Safety Equip	
							CHECK 106625 TOTAL:	210.10
106626	04/04/2023	PRTD	2516 CALIFORNIA ASSOC. OF SANI AGENCIE 7116		03/03/2023		040423	5,000.00
			Invoice: 7116				ANALYZE INFLUENT, EFFLUENT, AND BIOSOLIDS	
				5,000.00 751810 571510			Special Studies	
							CHECK 106626 TOTAL:	5,000.00
106627	04/04/2023	PRTD	30050 CANON FINANCIAL SERVICES, INC.	30151604	03/12/2023		040423	677.81
			Invoice: 30151604				MAR'23 CANON COPIER LEASE	
				677.81 701420 620500			Equip Rental	
							CHECK 106627 TOTAL:	677.81
106628	04/04/2023	PRTD	30387 CINTAS CORPORATION NO. 3	4149394114	03/15/2023		040423	641.84
			Invoice: 4149394114				MAR'23 UNIFORMS/MATS/TOWELS	
				143.29 701002 551000			Supplies/Material	
				498.55 701999 731600			Uniforms	
			CINTAS CORPORATION NO. 3	4149393987	03/15/2023		040423	265.05

A/P CASH DISBURSEMENTS JOURNAL

CASH ACCOUNT: 999 100100 Cash-General
 CHECK NO CHK DATE TYPE VENDOR NAME

CHECK NO	CHK DATE	TYPE	VENDOR NAME	INVOICE	INV DATE	PO	CHECK RUN	NET
				INVOICE DTL DESC				
Invoice: 4149393987				109.32 751810 551000				
				155.73 701999 731600				
			CINTAS CORPORATION NO. 3	4149237907	03/14/2023		040423	66.18
Invoice: 4149237907				15.72 101600 551000				
				50.46 701999 731600				
			CINTAS CORPORATION NO. 3	4149393880	03/15/2023		040423	170.37
Invoice: 4149393880				83.66 751820 551000				
				86.71 701999 731600				
							CHECK 106628 TOTAL:	1,143.44
106629	04/04/2023	PRTD	2541 CITY OF WESTLAKE VILLAGE	014572/032023	03/20/2023		040423	2,622.23
			Invoice: 014572/032023					
				2,622.23 101 230500				
							CHECK 106629 TOTAL:	2,622.23
106630	04/04/2023	PRTD	19270 COMMUNICATIONS RELAY, LLC	60176	04/01/2023		040423	1,096.46
			Invoice: 60176					
				1,096.46 701420 540520				
							CHECK 106630 TOTAL:	1,096.46
106631	04/04/2023	PRTD	7257 DIRECTV, INC.	012036139x230323	03/23/2023		040423	16.00
			Invoice: 012036139x230323					
				16.00 701001 551000				
							CHECK 106631 TOTAL:	16.00
106632	04/04/2023	PRTD	2655 FERGUSON ENTERPRISES	10660/PMT#22	02/13/2023		040423	200,379.03
			Invoice: 10660/PMT#22					
				200,379.03 301440 900000				
							CHECK 106632 TOTAL:	200,379.03
106633	04/04/2023	PRTD	2701 GRAINGER	9631305340	03/07/2023		040423	39.60
			Invoice: 9631305340					
				39.60 751810 551000				
			GRAINGER	9631733590	03/07/2023		040423	18.29
Invoice: 9631733590				18.29 751810 551000				

A/P CASH DISBURSEMENTS JOURNAL

CASH ACCOUNT: 999 100100 Cash-General
 CHECK NO CHK DATE TYPE VENDOR NAME

CHECK NO	CHK DATE	TYPE	VENDOR NAME	INVOICE	INV DATE	PO	CHECK RUN	NET
INVOICE DTL DESC								
							CHECK 106636 TOTAL:	648.80
106637	04/04/2023	PRTD	14322 MILES CHEMICAL COMPANY, INC	681683	03/15/2023		040423	459.90
			Invoice: 681683					
			459.90 751750 541000				20 GAL CAPTOR Supplies	
							CHECK 106637 TOTAL:	459.90
106638	04/04/2023	PRTD	30572 PAUL BRENT	039388/032923	03/29/2023		040423	1,929.15
			Invoice: 039388/032923					
			1,929.15 101 230500				RFND OVRPMT CR BALANCE 0000601485-039388 Deposit Refd Clearing-Billing	
							CHECK 106638 TOTAL:	1,929.15
106639	04/04/2023	PRTD	30458 PIONEER AMERICAS, LLC 10728	900253065	03/14/2023		040423	10,357.91
			Invoice: 900253065					
			10,357.91 751810 541014				4,822 GAL SODIUM HYPOCHLORITE Sodium Hypochlorite	
							CHECK 106639 TOTAL:	10,357.91
106640	04/04/2023	PRTD	30155 LEN POLAN	032223	03/22/2023		040423	1,994.25
			Invoice: 032223					
			1,994.25 701112 601000				ACWA WASHINGTON DC WTR CONFERENCE 2/27-3/2/23 Directors' Conference Exp	
			Invoice: 032223A					
			1,704.19 701112 601000				WATEREUSE SYMPOSIUM 3/4-3/8/23 Directors' Conference Exp	
							CHECK 106640 TOTAL:	3,698.44
106641	04/04/2023	PRTD	17295 QUADIENT	16945221	03/19/2023		040423	169.56
			Invoice: 16945221					
			169.56 701221 620000				INK CARTRIDGE - MAIL MACHINE Forms, Supplies And Postage	
							CHECK 106641 TOTAL:	169.56
106642	04/04/2023	PRTD	17174 ROTH STAFFING COMPANIES, LP	14320748	03/17/2023		040423	3,009.60
			Invoice: 14320748					
			3,009.60 701221 622000				TEMP SRVCS 3/6-3/12/23 Outside Services	
							CHECK 106642 TOTAL:	3,009.60
106643	04/04/2023	PRTD	4586 ROYAL INDUSTRIAL SOLUTIONS	9009-1032050	03/15/2023		040423	75.24
			Invoice: 9009-1032050					
			75.24 701326 552500				WALLPLATE, SWITCHES, BOXES Consulting Services	

A/P CASH DISBURSEMENTS JOURNAL

CASH ACCOUNT: 999 100100 Cash-General
 CHECK NO CHK DATE TYPE VENDOR NAME

CHECK NO	CHK DATE	TYPE	VENDOR NAME	INVOICE	INV DATE	PO	CHECK RUN	NET
CHECK 106643 TOTAL: 75.24								
106644	04/04/2023	PRTD	6766 SAWYER PETROLEUM	V189120	03/14/2023		040423	1,696.98
			Invoice: V189120					
				1,696.98 751820 541010				
CHECK 106644 TOTAL: 1,696.98								
106645	04/04/2023	PRTD	16120 SOIL CONTROL LAB	3030092	03/14/2023		040423	349.00
			Invoice: 3030092					
				349.00 751820 571520				
CHECK 106645 TOTAL: 349.00								
106646	04/04/2023	PRTD	2957 SOUTHERN CALIFORNIA EDISON (M-BIL 57161/032323		03/23/2023		040423	47,861.13
			Invoice: 57161/032323					
				47,861.13 751820 540510				
			Invoice: 75690/032723					
				1,441.45 751750 540510				
CHECK 106646 TOTAL: 49,302.58								
106647	04/04/2023	PRTD	2958 SOUTHERN CALIFORNIA GAS CO (M-bil 06871284003/032423		03/24/2023		040423	29.79
			Invoice: 06871284003/032423					
				29.79 101101 540530				
CHECK 106647 TOTAL: 29.79								
106648	04/04/2023	PRTD	30166 ANDREW SPEAR	032923	03/29/2023		040423	875.99
			Invoice: 032923					
				875.99 701420 543000				
CHECK 106648 TOTAL: 875.99								
106649	04/04/2023	PRTD	21599 THE ROVISYS COMPANY	83163	03/10/2023		040423	4,814.34
			Invoice: 83163					
				4,814.34 301440 900000				
CHECK 106649 TOTAL: 4,814.34								

A/P CASH DISBURSEMENTS JOURNAL

CASH ACCOUNT: 999 100100 Cash-General
 CHECK NO CHK DATE TYPE VENDOR NAME

CHECK NO	CHK DATE	TYPE	VENDOR NAME	INVOICE	INV DATE	PO	CHECK RUN	NET
INVOICE DTL DESC								
106650	04/04/2023	PRTD	21252 TYLER TECHNOLOGIES, INC.	2057	12/28/2022		040423	1,067.00
	Invoice: 2057			1,067.00 701420 683000	TYLER CONNECT 2023 REG- AREZOO M Training & Professional Devel			
	Invoice: 2044		TYLER TECHNOLOGIES, INC.	2044	12/28/2022		040423	1,067.00
				1,067.00 701420 683000	TYLER CONNECT REG- ANDREW S Training & Professional Devel			
					CHECK	106650	TOTAL:	2,134.00
106651	04/04/2023	PRTD	3035 VWR SCIENTIFIC	8812321301	03/10/2023		040423	35.41
	Invoice: 8812321301			35.41 701341 551000	SQUEEZE BOTTLES Supplies/Material			
	Invoice: 8812321302		VWR SCIENTIFIC	8812321302	03/10/2023		040423	86.13
				86.13 701341 551000	SYRINGES Supplies/Material			
	Invoice: 8812323995		VWR SCIENTIFIC	8812323995	03/10/2023		040423	210.92
				210.92 701341 551000	PH BUFFER Supplies/Material			
	Invoice: 8812343992		VWR SCIENTIFIC	8812343992	03/14/2023		040423	76.80
				76.80 701341 551000	PHOSPHATE BUFFER Supplies/Material			
	Invoice: 8812353313		VWR SCIENTIFIC	8812353313	03/14/2023		040423	192.37
				192.37 701341 551000	PH BUFFERS Supplies/Material			
					CHECK	106651	TOTAL:	601.63
106652	04/04/2023	PRTD	19685 W. LITTEN INC.	23011	03/13/2023		040423	6,613.00
	Invoice: 23011			6,613.00 751810 678800	SPRAYFIELD 3/15-3/11/23 District Sprayfield			
					CHECK	106652	TOTAL:	6,613.00
106653	04/04/2023	PRTD	3025 WATER & SANITATION SRV./VENTURA C	2548941	03/22/2023		040423	14,480.01
	Invoice: 2548941			14,480.01 101001 510500	PCH WATER 2/14-3/14/23 Purch water-Ventura County			
					CHECK	106653	TOTAL:	14,480.01
106654	04/04/2023	PRTD	30420 WEST YOST & ASSOCIATES, INC	2052926	02/28/2023		040423	714.25
	Invoice: 2052926			714.25 701210 651600	GRANT MANAGEMENT SERVICES 2/4-3/3/23 Other Professional Serv			

A/P CASH DISBURSEMENTS JOURNAL

JOURNAL ENTRIES TO BE CREATED

CLERK: 3296tchau

YEAR	PER	JNL	SRC	ACCOUNT	EFF DATE	JNL DESC	REF 1	REF 2	REF 3	ACCOUNT DESC LINE DESC	T OB	DEBIT	CREDIT
2023	10	48	APP	101-200000	04/04/2023	040423	040423			Accounts Payable AP CASH DISBURSEMENTS JOURNAL		25,851.52	
			APP	999-100100	04/04/2023	040423	040423			Cash-General AP CASH DISBURSEMENTS JOURNAL			426,589.72
			APP	751-200000	04/04/2023	040423	040423			Accounts Payable AP CASH DISBURSEMENTS JOURNAL		105,046.72	
			APP	701-200000	04/04/2023	040423	040423			Accounts Payable AP CASH DISBURSEMENTS JOURNAL		20,285.51	
			APP	301-200000	04/04/2023	040423	040423			Accounts Payable AP CASH DISBURSEMENTS JOURNAL		275,405.97	
GENERAL LEDGER TOTAL												426,589.72	426,589.72
			APP	999-201010	04/04/2023	040423	040423			Due to/Due Frm Potable Wtr Ops		25,851.52	
			APP	101-100100	04/04/2023	040423	040423			Cash-General			25,851.52
			APP	999-207510	04/04/2023	040423	040423			Due to/Due FromJPA Operations		105,046.72	
			APP	751-100100	04/04/2023	040423	040423			Cash-General			105,046.72
			APP	999-207010	04/04/2023	040423	040423			Due to/Due FromInternal Svs		20,285.51	
			APP	701-100100	04/04/2023	040423	040423			Cash-General			20,285.51
			APP	999-203010	04/04/2023	040423	040423			Due to/Due FrmPotable Wtr Repl		275,405.97	
			APP	301-100100	04/04/2023	040423	040423			Cash-General			275,405.97
SYSTEM GENERATED ENTRIES TOTAL												426,589.72	426,589.72
JOURNAL 2023/10/48											TOTAL	853,179.44	853,179.44

A/P CASH DISBURSEMENTS JOURNAL
 JOURNAL ENTRIES TO BE CREATED

FUND ACCOUNT	YEAR PER	JNL	EFF DATE	ACCOUNT DESCRIPTION	DEBIT	CREDIT
101 Potable Water Operations 101-100100 101-200000	2023 10	48	04/04/2023	Cash-General		25,851.52
				Accounts Payable	25,851.52	
				FUND TOTAL	25,851.52	25,851.52
301 Potable wtr Replacement Fund 301-100100 301-200000	2023 10	48	04/04/2023	Cash-General		275,405.97
				Accounts Payable	275,405.97	
				FUND TOTAL	275,405.97	275,405.97
701 Internal Service Fund 701-100100 701-200000	2023 10	48	04/04/2023	Cash-General		20,285.51
				Accounts Payable	20,285.51	
				FUND TOTAL	20,285.51	20,285.51
751 JPA Operations 751-100100 751-200000	2023 10	48	04/04/2023	Cash-General		105,046.72
				Accounts Payable	105,046.72	
				FUND TOTAL	105,046.72	105,046.72
999 Pooled Cash 999-100100 999-201010 999-203010 999-207010 999-207510	2023 10	48	04/04/2023	Cash-General		426,589.72
				Due to/Due Frm Potable Wtr Ops	25,851.52	
				Due to/Due Frm Potable wtr Repl	275,405.97	
				Due to/Due From Internal Svs	20,285.51	
				Due to/Due From JPA Operations	105,046.72	
				FUND TOTAL	426,589.72	426,589.72

A/P CASH DISBURSEMENTS JOURNAL

CASH ACCOUNT: 999 100100 Cash-General
 CHECK NO CHK DATE TYPE VENDOR NAME

CHECK NO	CHK DATE	TYPE	VENDOR NAME	INVOICE	INV DATE	PO	CHECK RUN	NET
23193	04/04/2023	MANL	3352 LAS VIRGENES MUNICIPAL WATER DIST	4627345	03/15/2023			203.53
			Invoice: 4627345		RLV FARM 2/9-3/9/23			
				203.53 751830 540540	Water			
						CHECK	23193 TOTAL:	203.53
23194	04/04/2023	MANL	3352 LAS VIRGENES MUNICIPAL WATER DIST	4627347	03/15/2023			48.90
			Invoice: 4627347		SOLAR LANDSCAPING 2/9-3/9/23			
				48.90 751820 540540	Water			
						CHECK	23194 TOTAL:	48.90
23195	04/04/2023	MANL	3352 LAS VIRGENES MUNICIPAL WATER DIST	4627421	03/15/2023			955.48
			Invoice: 4627421		BLDG #7 2/9-3/9/23			
				955.48 701002 540540	Water			
						CHECK	23195 TOTAL:	955.48
23196	04/04/2023	MANL	3352 LAS VIRGENES MUNICIPAL WATER DIST	4627327	03/15/2023			622.20
			Invoice: 4627327		TAPIA 2/9-3/9/23			
				622.20 751820 540540	Water			
						CHECK	23196 TOTAL:	622.20
23197	04/04/2023	MANL	3352 LAS VIRGENES MUNICIPAL WATER DIST	4627346	03/15/2023			875.17
			Invoice: 4627346		RLV 2/9-3/9/23			
				875.17 751820 540540	Water			
						CHECK	23197 TOTAL:	875.17
23198	04/04/2023	MANL	3352 LAS VIRGENES MUNICIPAL WATER DIST	4627418	03/15/2023			361.01
			Invoice: 4627418		HQ PWP/DEMO 2/9-3/9/23			
				361.01 751750 540540	Water			
						CHECK	23198 TOTAL:	361.01
23199	04/04/2023	MANL	3352 LAS VIRGENES MUNICIPAL WATER DIST	4627419	03/15/2023			369.69
			Invoice: 4627419		HQ BLDG #8 2/9-3/9/23			
				369.69 701001 540540	Water			
						CHECK	23199 TOTAL:	369.69
23200	04/04/2023	MANL	3352 LAS VIRGENES MUNICIPAL WATER DIST	4627417	03/15/2023			7.50
			Invoice: 4627417		FIRE PRTCN #8 2/9-3/9/23			
				7.50 701001 540540	Water			

A/P CASH DISBURSEMENTS JOURNAL

CASH ACCOUNT: 999 100100 Cash-General
 CHECK NO CHK DATE TYPE VENDOR NAME

INVOICE	INV DATE	PO	CHECK RUN	NET
INVOICE DTL DESC				
			CHECK 23200 TOTAL:	7.50
23201 04/04/2023 MANL 3352 LAS VIRGENES MUNICIPAL WATER DIST 4627420 Invoice: 4627420	03/15/2023			7.50
7.50 701002 540540	FIRE PRTCN #7 2/9-3/9/23 Water			
			CHECK 23201 TOTAL:	7.50
23202 04/04/2023 MANL 3352 LAS VIRGENES MUNICIPAL WATER DIST 4627422 Invoice: 4627422	03/15/2023			410.74
410.74 701002 540540	BLDG #2 2/9-3/9/23 Water			
			CHECK 23202 TOTAL:	410.74
NUMBER OF CHECKS	10	*** CASH ACCOUNT TOTAL ***		3,861.72
TOTAL MANUAL CHECKS	COUNT	AMOUNT		
	10	3,861.72		
			*** GRAND TOTAL ***	3,861.72

A/P CASH DISBURSEMENTS JOURNAL

JOURNAL ENTRIES TO BE CREATED

CLERK: 3296jcortez

YEAR PER	JNL	SRC ACCOUNT	EFF DATE	JNL DESC	REF 1	REF 2	REF 3	ACCOUNT DESC LINE DESC	T OB	DEBIT	CREDIT
2023 10	53	APP 751-200000	04/04/2023	CASH DISB	040423			Accounts Payable AP CASH DISBURSEMENTS JOURNAL		2,110.81	
APP 999-100100		04/04/2023	CASH DISB	040423			Cash-General AP CASH DISBURSEMENTS JOURNAL				3,861.72
APP 701-200000		04/04/2023	CASH DISB	040423			Accounts Payable AP CASH DISBURSEMENTS JOURNAL		1,750.91		
GENERAL LEDGER TOTAL										3,861.72	3,861.72
APP 999-207510		04/04/2023	CASH DISB	040423			Due to/Due FromJPA Operations		2,110.81		
APP 751-100100		04/04/2023	CASH DISB	040423			Cash-General				2,110.81
APP 999-207010		04/04/2023	CASH DISB	040423			Due to/Due FromInternal Svs		1,750.91		
APP 701-100100		04/04/2023	CASH DISB	040423			Cash-General				1,750.91
SYSTEM GENERATED ENTRIES TOTAL										3,861.72	3,861.72
JOURNAL 2023/10/53 TOTAL										7,723.44	7,723.44

A/P CASH DISBURSEMENTS JOURNAL
 JOURNAL ENTRIES TO BE CREATED

FUND ACCOUNT	YEAR PER	JNL	EFF DATE	ACCOUNT DESCRIPTION	DEBIT	CREDIT
701 Internal Service Fund 701-100100 701-200000	2023 10	53	04/04/2023	Cash-General		1,750.91
				Accounts Payable	1,750.91	
				FUND TOTAL	1,750.91	1,750.91
751 JPA Operations 751-100100 751-200000	2023 10	53	04/04/2023	Cash-General		2,110.81
				Accounts Payable	2,110.81	
				FUND TOTAL	2,110.81	2,110.81
999 Pooled Cash 999-100100 999-207010 999-207510	2023 10	53	04/04/2023	Cash-General		3,861.72
				Due to/Due From Internal Sys	1,750.91	
				Due to/Due From JPA Operations	2,110.81	
				FUND TOTAL	3,861.72	3,861.72

A/P CASH DISBURSEMENTS JOURNAL

JOURNAL ENTRIES TO BE CREATED

FUND		DUE TO	DUE FR
701	Internal Service Fund		1,750.91
751	JPA Operations		2,110.81
999	Pooled Cash		
	TOTAL	3,861.72	3,861.72

** END OF REPORT - Generated by Jessica Cortez **

A/P CASH DISBURSEMENTS JOURNAL

CASH ACCOUNT: 999 100100 Cash-General
 CHECK NO CHK DATE TYPE VENDOR NAME

CHECK NO	CHK DATE	TYPE	VENDOR NAME	INVOICE	INV DATE	PO	CHECK RUN	NET
106656	04/11/2023	PRTD	19269 ACC BUSINESS	230733911	03/27/2023		041123	1,870.47
			Invoice: 230733911					
				187.05 101600 540520			INTERNET SVCS 2/11-3/10/23	
				561.14 751810 540520			Telephone	
				187.05 751820 540520			Telephone	
				467.62 701001 540520			Telephone	
				467.61 701002 540520			Telephone	
							CHECK 106656 TOTAL:	1,870.47
106657	04/11/2023	PRTD	30339 ALESHIRE & WYNDER, LLP	LVMWD/FEB'23	03/30/2023		041123	32,586.90
			Invoice: LVMWD/FEB'23					
				8,326.00 701121 650000			LEGAL SERVICES - FEB'23	
				4,612.80 701122 687200			Legal Services	
				16,748.40 751840 687200			Outside Services	
				972.00 701122 687200			Outside Services	
				834.20 701122 687200			Outside Services	
				1,093.50 701122 687200			Outside Services	
							CHECK 106657 TOTAL:	32,586.90
106658	04/11/2023	PRTD	2397 AQUATIC BIOASSAY & CONSULTING	LVS0323.0209	03/23/2023		041123	895.00
			Invoice: LVS0323.0209					
				895.00 751810 571520			EFFLUENT CHRONIC TOXICITY	
							Other Laboratory Serv	
							CHECK 106658 TOTAL:	895.00
106659	04/11/2023	PRTD	2869 AT&T	24306744/032323	03/23/2023		041123	55.00
			Invoice: 24306744/032323					
				55.00 101114 540520			SVCS 03/23-04/22/23	
							Telephone	
			AT&T	21506905/032023	03/20/2023		041123	53.27
			Invoice: 21506905/032023					
				53.27 101106 540520			SVCS 03/20-04/19/23	
							Telephone	
							CHECK 106659 TOTAL:	108.27
106660	04/11/2023	PRTD	7770 AUTOMATIONDIRECT.COM	14853875	03/17/2023		041123	65.70
			Invoice: 14853875					
				65.70 751750 551000			SCREWDRIVER SET	
							Supplies/Material	
			AUTOMATIONDIRECT.COM	14880370	03/24/2023		041123	128.66
			Invoice: 14880370					
				128.66 751750 551000			LED INDICATORS	
							Supplies/Material	
							CHECK 106660 TOTAL:	194.36

A/P CASH DISBURSEMENTS JOURNAL

CASH ACCOUNT: 999 100100 Cash-General
 CHECK NO CHK DATE TYPE VENDOR NAME

CHECK NO	CHK DATE	TYPE	VENDOR NAME	INVOICE	INV DATE	PO	CHECK RUN	NET
106661	04/11/2023	PRTD	5625 ASSOC. OF WATER AGENCIES OF VENTU	06-14744	03/16/2023		041123	180.00
			Invoice: 06-14744					
				150.00 701112 601000				
				30.00 701121 711000				
							6 REG - WATERWISE 3/16	
							Directors' Conference Exp	
							Travel / Misc Staff Exp	
							CHECK	106661 TOTAL: 180.00
106662	04/11/2023	PRTD	21392 BLUESPACE INTERIORS	I-02103137	03/20/2023		041123	5,850.85
			Invoice: I-02103137					
				5,850.85 701001 551500				
							OFFICE FURNITURE	
							Outside Services	
							CHECK	106662 TOTAL: 5,850.85
106663	04/11/2023	PRTD	21426 BRIGHTVIEW LANDSCAPE SERVICES, IN	8318067	03/30/2023		041123	13,489.00
			Invoice: 8318067					
				3,391.92 701001 551500				
				3,892.00 751810 551800				
				1,981.08 751820 551800				
				4,023.00 101600 551800				
				201.00 130100 551500				
							LANDSCAPE SRVCS - MAR'23	
							Outside Services	
							Building Maintenance	
							Building Maintenance	
							Building Maintenance	
							Outside Services	
							CHECK	106663 TOTAL: 13,489.00
106664	04/11/2023	PRTD	21309 CALIFORNIA MUNICIPAL UTILITIES AS	22-0679	03/29/2023		041123	20,000.00
			Invoice: 22-0679					
				20,000.00 701122 710500				
							LEGISLATIVE PR SUPPORT	
							Dues, Subsc & Memberships	
							CHECK	106664 TOTAL: 20,000.00
106665	04/11/2023	PRTD	5405 CALOLYMPIC SAFETY	402213	03/20/2023	2230122	041123	2,129.97
			Invoice: 402213					
				2,129.97 701 132000				
							BARRICADES	
							Storeroom & Truck Inventory	
							CHECK	106665 TOTAL: 2,129.97
106666	04/11/2023	PRTD	30576 CHRIS PRINCE	085778/033023	03/30/2023		041123	7.50
			Invoice: 085778/033023					
				7.50 101 230500				
							RFND FINAL CR BAL 0000710860-085778	
							Deposit Refd Clearing-Billing	
							CHECK	106666 TOTAL: 7.50
106667	04/11/2023	PRTD	30387 CINTAS CORPORATION NO. 3	4142272206	01/04/2023		041123	263.59
			Invoice: 4142272206					
				109.32 751810 551000				
				154.27 701999 731600				
							JAN'23 UNIFORMS/MATS/TOWELS	
							Supplies/Material	
							Uniforms	

A/P CASH DISBURSEMENTS JOURNAL

CASH ACCOUNT: 999 100100 Cash-General
 CHECK NO CHK DATE TYPE VENDOR NAME

CHECK NO	CHK DATE	TYPE	VENDOR NAME	INVOICE	INV DATE	PO	CHECK RUN	NET
INVOICE DTL DESC								
Invoice: 9211909422			CINTAS CORPORATION NO. 3	9211909422	02/13/2023		041123	252.70
				109.32 751810 551000	FEB'23 UNIFORMS/MATS/TOWELS			
				143.38 701999 731600	Supplies/Material			
					Uniforms			
Invoice: 4147994071			CINTAS CORPORATION NO. 3	4147994071	03/01/2023		041123	648.03
				143.29 701002 551000	MAR'23 UNIFORMS/MATS/TOWELS			
				504.74 701999 731600	Supplies/Material			
					Uniforms			
Invoice: 9216270738CM			CINTAS CORPORATION NO. 3	9216270738CM	03/17/2023		041123	-6.49
				-6.49 701999 731600	MAR'23 UNIFORMS/MATS/TOWELS			
					Uniforms			
					CHECK	106667	TOTAL:	1,157.83
106668 04/11/2023 PRD		2554	COASTLINE EQUIPMENT	1000012	03/20/2023		041123	1,641.68
Invoice: 1000012				1,641.68 701325 551500	REPAIR RANCHO LOADER #709			
					Outside Services			
Invoice: 1000065			COASTLINE EQUIPMENT	1000065	03/20/2023		041123	2,128.81
				2,128.81 701325 551500	REPAIR BACKHOE #925			
					Outside Services			
					CHECK	106668	TOTAL:	3,770.49
106669 04/11/2023 PRD		30182	COMMERCIAL SCAFFOLDING OF CA, INC 8631-1F		11/23/2021		041123	4,480.00
Invoice: 8631-1F				4,480.00 751820 551500	SCAFFOLDING RENTAL			
					Outside Services			
					CHECK	106669	TOTAL:	4,480.00
106670 04/11/2023 PRD		15755	CORE & MAIN LP	S477995	03/20/2023	2230124	041123	6,995.51
Invoice: S477995				6,995.51 701 132000	REPAIR CLAMPS			
					Storeroom & Truck Inventory			
Invoice: S493650			CORE & MAIN LP	S493650	03/22/2023	2230127	041123	1,122.75
				1,122.75 101900 572500	NYLON BUSHINGS			
					Genl Supplies/Small Tools			
Invoice: S493834			CORE & MAIN LP	S493834	03/16/2023	2230126	041123	364.42
				364.42 701 132000	GALVANIZED RISERS			
					Storeroom & Truck Inventory			
Invoice: S524374			CORE & MAIN LP	S524374	03/17/2023	2230126	041123	196.22
				196.22 701 132000	GALVANIZED RISERS			
					Storeroom & Truck Inventory			

A/P CASH DISBURSEMENTS JOURNAL

CASH ACCOUNT: 999 100100 Cash-General
 CHECK NO CHK DATE TYPE VENDOR NAME

CHECK NO	CHK DATE	TYPE	VENDOR NAME	INVOICE	INV DATE	PO	CHECK RUN	NET
INVOICE DTL DESC								
							CHECK 106682 TOTAL:	2,712.35
106683	04/11/2023	PRTD	18646 HDR ENGINEERING, INC.	1200509807	03/21/2023		041123	27,626.50
			Invoice: 1200509807				MALIBU SIPHON 1/29/23-2/25/23	
			27,626.50 754440 900000				Capital Asset Expenses	
							CHECK 106683 TOTAL:	27,626.50
106684	04/11/2023	PRTD	20662 INPLANT SALES, LLC	18097	12/02/2022		041123	1,164.17
			Invoice: 18097				8" VICTAULIC ELBOW	
			1,164.17 751820 551000				Supplies/Material	
							CHECK 106684 TOTAL:	1,164.17
106685	04/11/2023	PRTD	20856 INTERNATIONAL PRINTING & TYPESETT 23007		03/27/2023		041123	3,000.67
			Invoice: 23007				CURRENT FLOW #1	
			3,000.67 701230 660400				Public Education Programs	
							CHECK 106685 TOTAL:	3,000.67
106686	04/11/2023	PRTD	20823 INVOICE CLOUD INC.	964-2023_3	03/31/2023		041123	7,803.35
			Invoice: 964-2023_3				INVOICE CLOUD FEES - MAR'23	
			7,803.35 701221 622000				Outside Services	
							CHECK 106686 TOTAL:	7,803.35
106687	04/11/2023	PRTD	30578 ISLANDS XV LLC	047247/033023	03/30/2023		041123	25.29
			Invoice: 047247/033023				RFND FINAL CR BAL 0000742995-047247	
			25.29 101 230500				Deposit Refd Clearing-Billing	
							CHECK 106687 TOTAL:	25.29
106688	04/11/2023	PRTD	30577 JOEL HAY	037100/033023	03/30/2023		041123	12.99
			Invoice: 037100/033023				RFND FINAL CR BAL 0000280790-037100	
			12.99 101 230500				Deposit Refd Clearing-Billing	
							CHECK 106688 TOTAL:	12.99
106689	04/11/2023	PRTD	20584 KAMBRIAN CORPORATION	KINV14418	03/13/2023	2230115	041123	75,833.45
			Invoice: KINV14418				UNITRENDS BACKUP APPLIANCES	
			17,111.40 701420 543000				Capital Outlay	
			58,722.05 701420 621500				System Support and Maintenance	

A/P CASH DISBURSEMENTS JOURNAL

CASH ACCOUNT: 999 100100 Cash-General
 CHECK NO CHK DATE TYPE VENDOR NAME

CHECK NO	CHK DATE	TYPE	VENDOR NAME	INVOICE	INV DATE	PO	CHECK RUN	NET
					INVOICE DTL DESC			
							CHECK 106689 TOTAL:	75,833.45
106690	04/11/2023	PRTD	16807 KARBONOUS, INC	26496	03/24/2023		041123	115,526.00
				Invoice: 26496	TAPIA TERTIARY FILTER MEDIA REPLACEMENT 9 & 10			
				115,526.00 751810 543000	Capital Outlay			
							CHECK 106690 TOTAL:	115,526.00
106691	04/11/2023	PRTD	2611 LA DWP	8512601000/032823	03/28/2023		041123	44.32
				Invoice: 8512601000/032823	RECTIFIER 2/27-3/27/23			
				44.32 101700 540510	Energy			
							CHECK 106691 TOTAL:	44.32
106692	04/11/2023	PRTD	30156 JAY LEWITT	032723	03/27/2023		041123	2,386.14
				Invoice: 032723	ACWA WATER CONFERENCE 2/27-3/2/23			
				2,386.14 701112 601000	Directors' Conference Exp			
			Invoice: 032723A	032723A	03/27/2023		041123	2,156.86
				JAY LEWITT	WATEREUSE SYMPOSIUM 3/6-3/8/23			
				2,156.86 701112 601000	Directors' Conference Exp			
							CHECK 106692 TOTAL:	4,543.00
106693	04/11/2023	PRTD	8484 LINDE GAS AND EQUIPMENT, INC	34850855	03/22/2023		041123	57.10
				Invoice: 34850855	CYLINDER RENT 02/20-03/20/23			
				57.10 101100 541500	Outside Services			
							CHECK 106693 TOTAL:	57.10
106694	04/11/2023	PRTD	3514 LOS ANGELES COUNTY, REGISTRAR-REC	10781/LV-2PS	03/15/2023		041123	75.00
				Invoice: 10781/LV-2PS	P/S LV-2 NOTICE OF EXEMPTN FILNG FEE			
				75.00 301440 900000	Capital Asset Expenses			
							CHECK 106694 TOTAL:	75.00
106695	04/11/2023	PRTD	30292 DENNIS MCCOY & JANE MCCOY	013185/033023	03/30/2023		041123	200.00
				Invoice: 013185/033023	RFND FINAL CR BAL 0000850146-013185			
				200.00 101 230500	Deposit Refd Clearing-Billing			
							CHECK 106695 TOTAL:	200.00
106696	04/11/2023	PRTD	2814 MCMASTER-CARR SUPPLY CO	94673997	03/20/2023		041123	54.90
				Invoice: 94673997	SAFETY SIGNS			
				54.90 751820 551000	Supplies/Material			

A/P CASH DISBURSEMENTS JOURNAL

CASH ACCOUNT: 999 100100 Cash-General
 CHECK NO CHK DATE TYPE VENDOR NAME

CHECK NO	CHK DATE	TYPE	VENDOR NAME	INVOICE	INV DATE	PO	CHECK RUN	NET
INVOICE DTL DESC								
							CHECK 106701 TOTAL:	10,567.34
106702	04/11/2023	PRTD	30581 ROBERT STANWOOD	040523	04/05/2023		041123	307.96
			Invoice: 040523				RETIREE MEDICAL PREMIUM OVERPAYMENT REFUND MAR'23	
			307.96 701	115990			A/R-Retiree Med Share	
							CHECK 106702 TOTAL:	307.96
106703	04/11/2023	PRTD	4586 ROYAL INDUSTRIAL SOLUTIONS	9009-1032927	03/23/2023		041123	686.92
			Invoice: 9009-1032927				ACCESSORY PROXIMITY & GROUND	
			686.92 751820	551000			Supplies/Material	
			ROYAL INDUSTRIAL SOLUTIONS	9009-1032893	03/24/2023		041123	576.71
			Invoice: 9009-1032893				POTENTIOMETER	
			576.71 751820	551000			Supplies/Material	
			ROYAL INDUSTRIAL SOLUTIONS	9009-1032997	03/24/2023		041123	1,720.41
			Invoice: 9009-1032997				LED EXIT SIGNS	
			1,720.41 701326	550000			Labor	
			ROYAL INDUSTRIAL SOLUTIONS	9009-1032899	03/22/2023	2230110	041123	10,387.00
			Invoice: 9009-1032899				ROCKWELL SUPPORT 2/14/23-2/13/24	
			1,246.44 101300	570000			SCADA Services	
			2,077.40 101600	570000			SCADA Services	
			6,232.20 751810	570000			SCADA Services	
			830.96 751820	570000			SCADA Services	
							CHECK 106703 TOTAL:	13,371.04
106704	04/11/2023	PRTD	2948 SMITH PIPE & SUPPLY	4002421	03/20/2023		041123	766.50
			Invoice: 4002421				50 GAL RAIN BARRELS	
			766.50 101800	664000			Rain Barrel Program	
							CHECK 106704 TOTAL:	766.50
106705	04/11/2023	PRTD	2958 SOUTHERN CALIFORNIA GAS CO (M-bil	06551212001/040523	04/05/2023		041123	15.29
			Invoice: 06551212001/040523				JBR P/S 3/3-4/3/23	
			15.29 101109	540530			Gas	
							CHECK 106705 TOTAL:	15.29
106706	04/11/2023	PRTD	30393 STETSON ENGINEERS INC	2852-005	03/17/2023		041123	9,550.25
			Invoice: 2852-005				TAPIA WRF FLOOD PROTECT EVAL JAN'23	
			9,550.25 751810	551500			Outside Services	

A/P CASH DISBURSEMENTS JOURNAL

CASH ACCOUNT: 999 100100 Cash-General
 CHECK NO CHK DATE TYPE VENDOR NAME

CHECK NO	CHK DATE	TYPE	VENDOR NAME	INVOICE	INV DATE	PO	CHECK RUN	NET
INVOICE DTL DESC								
							CHECK 106706 TOTAL:	9,550.25
106707	04/11/2023	PRTD	30575 STEVE HEIMLER	055543/033023	03/30/2023		041123	4.42
			Invoice: 055543/033023				RFND FINAL CR BAL 0000353691-055543	
				4.42 101 230500			Deposit Refd Clearing-Billing	
							CHECK 106707 TOTAL:	4.42
106708	04/11/2023	PRTD	12149 THATCHER CO. OF CALIFORNIA	2023100109407	03/17/2023		041123	11,970.00
			Invoice: 2023100109407				45,000 LBS SODIUM BISULFITE	
				11,970.00 751810 541011			Sodium Bisulfite	
							CHECK 106708 TOTAL:	11,970.00
106709	04/11/2023	PRTD	20971 THOUSAND OAKS PLUMBING INC.	163587402	03/22/2023		041123	893.00
			Invoice: 163587402				CLEAR KITCHEN DRAIN LINE 3/22	
				893.00 701001 551500			Outside Services	
							CHECK 106709 TOTAL:	893.00
106710	04/11/2023	PRTD	21643 VALLEY SOIL, INC.	27176	03/30/2023		041123	3,375.00
			Invoice: 27176				IRRIGATION CONTROLLER INSTALLS MAR'23	
				3,375.00 101800 670900			Res. ET Irrigation Controller	
							CHECK 106710 TOTAL:	3,375.00
106711	04/11/2023	PRTD	30056 VERIZON WIRELESS	9931106272	03/26/2023		041123	536.14
			Invoice: 9931106272				WIRELESS SVCS 3/27-4/26/23	
				536.14 701224 540520			Telephone	
							CHECK 106711 TOTAL:	536.14
106712	04/11/2023	PRTD	19685 W. LITTEN INC.	23012	03/20/2023		041123	7,129.00
			Invoice: 23012				SPRAYFIELD 3/12-3/18/23	
				7,129.00 751810 678800			District Sprayfield	
			Invoice: 23013					
			W. LITTEN INC.	23013	03/25/2023		041123	7,887.70
				7,887.70 751810 678800			SPRAYFIELD 3/19-3/25/23	
							District Sprayfield	
							CHECK 106712 TOTAL:	15,016.70
106713	04/11/2023	PRTD	30579 WILDFLOWER DEVELOPMENT SERVICES	076683/033023	03/30/2023		041123	266.54
			Invoice: 076683/033023				RFND FINAL CR BAL 0009999427-076683	
				266.54 101 230500			Deposit Refd Clearing-Billing	

A/P CASH DISBURSEMENTS JOURNAL

CASH ACCOUNT: 999 100100 Cash-General
 CHECK NO CHK DATE TYPE VENDOR NAME

CHECK NO	CHK DATE	TYPE	VENDOR NAME	INVOICE	INV DATE	PO	CHECK RUN	NET
INVOICE DTL DESC								
							CHECK 106713 TOTAL:	266.54
106714	04/11/2023	PRTD	8510 WORK BOOT WAREHOUSE	2-2-1020504	03/20/2023		041123	147.83
	Invoice: 2-2-1020504			147.83 701341 623000	SAFETY FOOTWARE - B. KAPOOR Safety Equip			
							CHECK 106714 TOTAL:	147.83
106715	04/11/2023	PRTD	30527 WORLDWIDE EXPRESS	2303216522	03/22/2023		041123	40.36
	Invoice: 2303216522			40.36 751750 541000	REAL TECH UPS SHIPMENT Supplies			
							CHECK 106715 TOTAL:	40.36
NUMBER OF CHECKS					60	*** CASH ACCOUNT TOTAL ***		656,154.85
				TOTAL PRINTED CHECKS	COUNT	AMOUNT		
					60	656,154.85		
							*** GRAND TOTAL ***	656,154.85

A/P CASH DISBURSEMENTS JOURNAL

JOURNAL ENTRIES TO BE CREATED

CLERK: 3296tchau

YEAR PER	JNL	SRC ACCOUNT	JNL DESC	REF 1	REF 2	REF 3	ACCOUNT DESC LINE DESC	T OB	DEBIT	CREDIT
2023 10	124									
APP 101-200000		04/11/2023	041123	041123			Accounts Payable AP CASH DISBURSEMENTS JOURNAL		71,688.64	
APP 999-100100		04/11/2023	041123	041123			Cash-General			656,154.85
APP 751-200000		04/11/2023	041123	041123			Accounts Payable AP CASH DISBURSEMENTS JOURNAL		212,684.40	
APP 701-200000		04/11/2023	041123	041123			Accounts Payable AP CASH DISBURSEMENTS JOURNAL		180,927.12	
APP 130-200000		04/11/2023	041123	041123			Accounts Payable AP CASH DISBURSEMENTS JOURNAL		201.00	
APP 201-200000		04/11/2023	041123	041123			Accounts Payable AP CASH DISBURSEMENTS JOURNAL		2,712.35	
APP 754-200000		04/11/2023	041123	041123			Accounts Payable AP CASH DISBURSEMENTS JOURNAL		187,866.34	
APP 301-200000		04/11/2023	041123	041123			Accounts Payable AP CASH DISBURSEMENTS JOURNAL		75.00	
GENERAL LEDGER TOTAL									656,154.85	656,154.85
APP 999-201010		04/11/2023	041123	041123			Due to/Due Frm Potable Wtr Ops		71,688.64	
APP 101-100100		04/11/2023	041123	041123			Cash-General			71,688.64
APP 999-207510		04/11/2023	041123	041123			Due to/Due FromJPA Operations		212,684.40	
APP 751-100100		04/11/2023	041123	041123			Cash-General			212,684.40
APP 999-207010		04/11/2023	041123	041123			Due to/Due FromInternal Svs		180,927.12	
APP 701-100100		04/11/2023	041123	041123			Cash-General			180,927.12
APP 999-201300		04/11/2023	041123	041123			Due to/Due FrmSanitation Ops		201.00	
APP 130-100100		04/11/2023	041123	041123			Cash-General			201.00
APP 999-202010		04/11/2023	041123	041123			Due to/Due FrmPotable Wtr Cnst		2,712.35	
APP 201-100100		04/11/2023	041123	041123			Cash-General			2,712.35
APP 999-207540		04/11/2023	041123	041123			Due to/Due FromJPA Replacement		187,866.34	
APP 754-100100		04/11/2023	041123	041123			Cash-General			187,866.34
APP 999-203010		04/11/2023	041123	041123			Due to/Due FrmPotable Wtr Repl		75.00	
APP 301-100100							Cash-General			75.00

A/P CASH DISBURSEMENTS JOURNAL
 JOURNAL ENTRIES TO BE CREATED

YEAR PER	JNL				ACCOUNT DESC	T	OB	DEBIT	CREDIT
SRC ACCOUNT	EFF DATE	JNL DESC	REF 1	REF 2	REF 3	LINE DESC			
	04/11/2023	041123	041123						
						SYSTEM GENERATED ENTRIES TOTAL		656,154.85	656,154.85
						JOURNAL 2023/10/124 TOTAL		1,312,309.70	1,312,309.70

A/P CASH DISBURSEMENTS JOURNAL
JOURNAL ENTRIES TO BE CREATED

FUND ACCOUNT	YEAR PER	JNL	EFF DATE	ACCOUNT DESCRIPTION	DEBIT	CREDIT
101 Potable Water Operations 101-100100 101-200000	2023 10	124	04/11/2023	Cash-General Accounts Payable	71,688.64	71,688.64
FUND TOTAL					71,688.64	71,688.64
130 Sanitation Operations 130-100100 130-200000	2023 10	124	04/11/2023	Cash-General Accounts Payable	201.00	201.00
FUND TOTAL					201.00	201.00
201 Potable Water Construction 201-100100 201-200000	2023 10	124	04/11/2023	Cash-General Accounts Payable	2,712.35	2,712.35
FUND TOTAL					2,712.35	2,712.35
301 Potable wtr Replacement Fund 301-100100 301-200000	2023 10	124	04/11/2023	Cash-General Accounts Payable	75.00	75.00
FUND TOTAL					75.00	75.00
701 Internal Service Fund 701-100100 701-200000	2023 10	124	04/11/2023	Cash-General Accounts Payable	180,927.12	180,927.12
FUND TOTAL					180,927.12	180,927.12
751 JPA Operations 751-100100 751-200000	2023 10	124	04/11/2023	Cash-General Accounts Payable	212,684.40	212,684.40
FUND TOTAL					212,684.40	212,684.40
754 JPA Replacement 754-100100 754-200000	2023 10	124	04/11/2023	Cash-General Accounts Payable	187,866.34	187,866.34
FUND TOTAL					187,866.34	187,866.34
999 Pooled Cash 999-100100 999-201010 999-201300 999-202010 999-203010 999-207010	2023 10	124	04/11/2023	Cash-General Due to/Due Frm Potable Wtr Ops Due to/Due Frm Sanitation Ops Due to/Due Frm Potable wtr Cnst Due to/Due Frm Potable wtr Repl Due to/Due From Internal Svs	71,688.64 201.00 2,712.35 75.00 180,927.12	656,154.85

A/P CASH DISBURSEMENTS JOURNAL

JOURNAL ENTRIES TO BE CREATED

FUND	YEAR PER	JNL	EFF DATE	ACCOUNT DESCRIPTION	DEBIT	CREDIT
999-207510				Due to/Due FromJPA Operations	212,684.40	
999-207540				Due to/Due FromJPA Replacement	187,866.34	
				FUND TOTAL	656,154.85	656,154.85

A/P CASH DISBURSEMENTS JOURNAL
 JOURNAL ENTRIES TO BE CREATED

FUND		DUE TO	DUE FR
101	Potable Water Operations		71,688.64
130	Sanitation Operations		201.00
201	Potable Water Construction		2,712.35
301	Potable Wtr Replacement Fund		75.00
701	Internal Service Fund		180,927.12
751	JPA Operations		212,684.40
754	JPA Replacement		187,866.34
999	Pooled Cash		
		656,154.85	
TOTAL		656,154.85	656,154.85

** END OF REPORT - Generated by Thieu Chau **

A/P CASH DISBURSEMENTS JOURNAL

CASH ACCOUNT: 999 100100 Cash-General
 CHECK NO CHK DATE TYPE VENDOR NAME

CHECK NO	CHK DATE	TYPE	VENDOR NAME	INVOICE	INV DATE	PO	CHECK RUN	NET
23203	04/11/2023	MANL	3352 LAS VIRGENES MUNICIPAL WATER DIST	4619847	03/01/2023			361.01
	Invoice: 4619847				WLK FLT 1/24-2/23/23			
				361.01 101600 540540	Water			
						CHECK	23203 TOTAL:	361.01
23204	04/11/2023	MANL	3352 LAS VIRGENES MUNICIPAL WATER DIST	4619845	03/01/2023			263.73
	Invoice: 4619845				WLK FLT 1/24-2/23/23			
				263.73 101600 540540	Water			
						CHECK	23204 TOTAL:	263.73
23205	04/11/2023	MANL	3352 LAS VIRGENES MUNICIPAL WATER DIST	4631647	03/15/2023			64.11
	Invoice: 4631647				L/S #1 2/9-3/9/23			
				64.11 130100 540540	Water			
						CHECK	23205 TOTAL:	64.11
23206	04/11/2023	MANL	3352 LAS VIRGENES MUNICIPAL WATER DIST	4631580	03/15/2023			64.11
	Invoice: 4631580				L/S #2 2/9-3/9/23			
				64.11 130100 540540	Water			
						CHECK	23206 TOTAL:	64.11
23207	04/11/2023	MANL	3352 LAS VIRGENES MUNICIPAL WATER DIST	4626710	03/15/2023			64.11
	Invoice: 4626710				JED SMITH P/S 2/9-3/9/23			
				64.11 101108 540540	Water			
						CHECK	23207 TOTAL:	64.11
23208	04/11/2023	MANL	3352 LAS VIRGENES MUNICIPAL WATER DIST	4642076	04/04/2023			33.59
	Invoice: 4642076				MORSSN P/S 2/23-3/23/23			
				33.59 751125 540540	Water			
						CHECK	23208 TOTAL:	33.59
23209	04/11/2023	MANL	3352 LAS VIRGENES MUNICIPAL WATER DIST	4641849	03/29/2023			33.59
	Invoice: 4641849				IND HILLS 2/23-3/23/23			
				33.59 751223 540540	Water			
						CHECK	23209 TOTAL:	33.59
23210	04/11/2023	MANL	3352 LAS VIRGENES MUNICIPAL WATER DIST	4641743	03/29/2023			268.75
	Invoice: 4641743				BD#7/RW 2/23-3/23/23			
				268.75 701002 540540	Water			

A/P CASH DISBURSEMENTS JOURNAL

CASH ACCOUNT: 999 100100 Cash-General
 CHECK NO CHK DATE TYPE VENDOR NAME

					INVOICE	INV DATE	PO	CHECK RUN	NET
					INVOICE DTL DESC				
								CHECK 23210 TOTAL:	268.75
23211	04/11/2023	MANL	3352 LAS VIRGENES MUNICIPAL WATER DIST	4641742	168.20	701001 540540	03/29/2023 BD#8/RW 02/23-03/23/23 Water		168.20
								CHECK 23211 TOTAL:	168.20
23212	04/11/2023	MANL	3352 LAS VIRGENES MUNICIPAL WATER DIST	4641741	240.70	701001 540540	03/29/2023 BD#8/RW 2/23-3/23/23 Water		240.70
								CHECK 23212 TOTAL:	240.70
23213	04/11/2023	MANL	3352 LAS VIRGENES MUNICIPAL WATER DIST	4641740	166.39	701001 540540	03/29/2023 RWPS 2/23-3/24/23 Water		166.39
								CHECK 23213 TOTAL:	166.39
23214	04/11/2023	MANL	3352 LAS VIRGENES MUNICIPAL WATER DIST	4641380	356.67	101600 540540	03/29/2023 WLK FLT 2/23-3/23/23 Water		356.67
								CHECK 23214 TOTAL:	356.67
23215	04/11/2023	MANL	3352 LAS VIRGENES MUNICIPAL WATER DIST	4641378	199.19	101600 540540	03/29/2023 WLK FLT 2/23-3/23/23 Water		199.19
								CHECK 23215 TOTAL:	199.19
23216	04/11/2023	MANL	3352 LAS VIRGENES MUNICIPAL WATER DIST	4639341	64.11	101201 540540	03/29/2023 EQS TANK 2/23-3/23/23 Water		64.11
								CHECK 23216 TOTAL:	64.11

A/P CASH DISBURSEMENTS JOURNAL

NUMBER OF CHECKS 14 *** CASH ACCOUNT TOTAL *** 2,348.26

	COUNT	AMOUNT
TOTAL MANUAL CHECKS	14	2,348.26

*** GRAND TOTAL *** 2,348.26

A/P CASH DISBURSEMENTS JOURNAL

JOURNAL ENTRIES TO BE CREATED

CLERK: 3296jcortez

YEAR PER	JNL	SRC ACCOUNT	EFF DATE	JNL DESC	REF 1	REF 2	REF 3	ACCOUNT DESC LINE DESC	T OB	DEBIT	CREDIT
2023 10	114	APP 101-200000	04/11/2023	CASH DISB	041123			Accounts Payable AP CASH DISBURSEMENTS JOURNAL		1,308.82	
APP 999-100100	04/11/2023	CASH DISB	041123				Cash-General				2,348.26
APP 130-200000	04/11/2023	CASH DISB	041123				Accounts Payable AP CASH DISBURSEMENTS JOURNAL		128.22		
APP 751-200000	04/11/2023	CASH DISB	041123				Accounts Payable AP CASH DISBURSEMENTS JOURNAL		67.18		
APP 701-200000	04/11/2023	CASH DISB	041123				Accounts Payable AP CASH DISBURSEMENTS JOURNAL		844.04		
GENERAL LEDGER TOTAL										2,348.26	2,348.26
APP 999-201010	04/11/2023	CASH DISB	041123				Due to/Due Frm Potable Wtr Ops		1,308.82		
APP 101-100100	04/11/2023	CASH DISB	041123				Cash-General				1,308.82
APP 999-201300	04/11/2023	CASH DISB	041123				Due to/Due Frm Sanitation Ops		128.22		
APP 130-100100	04/11/2023	CASH DISB	041123				Cash-General				128.22
APP 999-207510	04/11/2023	CASH DISB	041123				Due to/Due From JPA Operations		67.18		
APP 751-100100	04/11/2023	CASH DISB	041123				Cash-General				67.18
APP 999-207010	04/11/2023	CASH DISB	041123				Due to/Due From Internal Svs		844.04		
APP 701-100100	04/11/2023	CASH DISB	041123				Cash-General				844.04
SYSTEM GENERATED ENTRIES TOTAL										2,348.26	2,348.26
JOURNAL 2023/10/114 TOTAL										4,696.52	4,696.52

A/P CASH DISBURSEMENTS JOURNAL
JOURNAL ENTRIES TO BE CREATED

FUND ACCOUNT	YEAR PER	JNL	EFF DATE	ACCOUNT DESCRIPTION	DEBIT	CREDIT
101 Potable Water Operations 101-100100 101-200000	2023 10	114	04/11/2023	Cash-General		1,308.82
				Accounts Payable	1,308.82	
				FUND TOTAL	1,308.82	1,308.82
130 Sanitation Operations 130-100100 130-200000	2023 10	114	04/11/2023	Cash-General		128.22
				Accounts Payable	128.22	
				FUND TOTAL	128.22	128.22
701 Internal Service Fund 701-100100 701-200000	2023 10	114	04/11/2023	Cash-General		844.04
				Accounts Payable	844.04	
				FUND TOTAL	844.04	844.04
751 JPA Operations 751-100100 751-200000	2023 10	114	04/11/2023	Cash-General		67.18
				Accounts Payable	67.18	
				FUND TOTAL	67.18	67.18
999 Pooled Cash 999-100100 999-201010 999-201300 999-207010 999-207510	2023 10	114	04/11/2023	Cash-General		2,348.26
				Due to/Due Frm Potable Wtr Ops	1,308.82	
				Due to/Due Frm Sanitation Ops	128.22	
				Due to/Due From Internal Svs	844.04	
				Due to/Due From JPA Operations	67.18	
				FUND TOTAL	2,348.26	2,348.26

A/P CASH DISBURSEMENTS JOURNAL

JOURNAL ENTRIES TO BE CREATED

FUND		DUE TO	DUE FR
101	Potable water Operations		1,308.82
130	Sanitation Operations		128.22
701	Internal Service Fund		844.04
751	JPA Operations		67.18
999	Pooled Cash	2,348.26	
	TOTAL	2,348.26	2,348.26

** END OF REPORT - Generated by Jessica Cortez **



LAS VIRGENES MUNICIPAL WATER DISTRICT
4232 Las Virgenes Road, Calabasas CA 91302

MINUTES
REGULAR MEETING

9:00 AM

April 18, 2023

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance to the Flag was led by Eric Schlageter.

1. CALL TO ORDER AND ROLL CALL

The meeting was called to order at **9:00 a.m.** by Board President Lewitt in the Board Room at Las Virgenes Municipal Water District headquarters at 4232 Las Virgenes Road, Calabasas, CA 91302. Josie Guzman, Clerk of the Board, conducted the roll call.

Present: Directors Gary Burns, Charles Caspary, Andy Coradeschi, Jay Lewitt, and Len Polan.

Absent: None

Staff Present: David Pedersen, General Manager
Joe McDermott, Director of Engineering and External Affairs
Don Patterson, Director of Finance and Administration
Darrell Johnson, Water Systems Manager
Josie Guzman, Clerk of the Board
Keith Lemieux, District Counsel

2. APPROVAL OF AGENDA

Director Caspary moved to approve the agenda. Motion seconded by Director Polan. Motion carried unanimously.

3. PUBLIC COMMENTS

There were no public comments.

Don Patterson, Director of Finance and Administration, introduced new employee Liz Smith, Purchasing Supervisor.

Joe McDermott, Director of Engineering and External Affairs, introduced new employees Alejandro Jauregui, Field Customer Service Technician I, and Dale Starr, Field Customer Service Technician I.

Darrell Johnson, Water Systems Manager, introduced new employee Bina Kapoor, Laboratory Technician I.

The Board welcomed the new employees to the District.

4. CONSENT CALENDAR

Director Caspary pulled Items 4D and 4E for discussion.

A List of Demands: April 18, 2023: Receive and file

B Minutes Special Meeting of March 28, 2023, and Regular Meeting of April 4, 2022: Approve

C Directors' Per Diem: March 2023: Ratify

Director Caspary moved to approve Consent Calendar Items 4A, 4B, and 4C. Motion seconded by Director Polan. Motion carried unanimously.

4. CONSENT CALENDAR – SEPARATE ACTION ITEMS

D Annual Supply and Delivery of Red Dye Diesel Fuel: Award

Accept the bid From Dion & Sons, Inc., and authorize the General Manager to execute a one-year purchase contract, in the amount of \$75,000 with four one-year renewal options, for the purchase and delivery of red dye diesel fuel.

E Annual Supply and Delivery of Unleaded and Diesel Fuel: Award

Accept the bid from Merrimac Energy Group, and authorize the General Manager to execute a one-year purchase contract, in the amount of \$225,000, with four one-year renewal options for the purchase and delivery of unleaded and ultra-low sulfur diesel fuel.

Director Caspary moved to approve Consent Calendar Items 4D and 4E. Motion seconded by Director Polan.

Darrell Johnson, Water Systems Manager, responded to a question regarding whether

red dye diesel would be a straight No. 2 diesel mix or bio-blend diesel by stating that the proposal received for red dye diesel could contain concentrations up to seven percent of biodiesel. He noted that the underground and aboveground storage tanks were serviced monthly to stabilize, filter, and treat against algae growth.

Director Caspary asked staff to ensure that the District purchases and receives the specified straight No. 2 diesel or bio-blend diesel prior to executing a final contract.

Motion carried unanimously.

5. ILLUSTRATIVE AND/OR VERBAL PRESENTATION AGENDA ITEMS

A MWD Representative Report

Glen Peterson, MWD Representative, reported that the MWD Board awarded a contract for seismic upgrades for the Foothill Hydroelectric Plant and Control Building; approved an agreement for detailed seismic analysis of the Lake Skinner outlet tower; increased the agreement with Brown & Caldwell to explore potential modifications to the existing East-West conveyance and distribution systems; authorized an agreement to provide Rubidoux Community Services District assistance with water deliveries; authorized the General Manager to support and co-sponsor, if amendments are made, to AB 1572 (Friedman) Potable Water Non-functional Turf; and approved naming the MWD Boardroom in honor of former MWD Chair Phillip J. Pace. He noted that he invited MWD Chair Adán Ortega, Jr. to visit the District's facilities. He responded to a question regarding the approval of a construction contract for structural protection measures at 24 cut-and-cover conduit locations along the Colorado River Aqueduct by stating that some of the areas were exposed due to heavy rain.

A discussion ensued regarding the expectation that discussions on modifications to the East-West conveyance and distribution systems would continue to move forward, and regarding the invitation to MWD Chair Ortega to tour District facilities.

B Legislative and Regulatory Updates

Jeremy Wolf, Legislative Program Manager, reported that he was tracking ballot measures as they qualify for the November 2024 ballot. He also reported that he attended the Association of California Water Agencies (ACWA) Legislative Symposium and the ACWA State Legislative Committee Meeting on March 23rd and 24th. He stated that he, Director Caspary, Director Coradeschi, Syrus Devers, state lobbyist with Best Best & Krieger LLP, and General Manager David Pedersen met with staff from the Senate Environmental Quality Committee regarding legislative issues, water rights, and environmental bonds. He noted that the state budget was forecast at \$22.5 billion; however, there were discussions that the forecast could be as high as \$70 billion. He also noted that the May revise was forthcoming, and June 15th would be the deadline to set the state budget. He stated that he was working with the General Manager and MWD staff to ensure that water reuse, water recycling, and State Water Project-dependent area issues would be included in the state budget. He also reported that Senator Ben Allen toured the Pure Water

Demonstration Facility, Tapia Water Reclamation Facility, and Rancho Las Virgenes Composting Facility. He noted that Senator Allen’s staff mentioned they were very supportive of the Pure Water Project Las Virgenes-Triunfo. He also reported that the District submitted a letter in support for SB 867 (Allen), Drought and Water Resilience, Wildfire and Forest Resilience, Coastal Resilience, Extreme Heat Mitigation, Biodiversity and Nature-Based Climate Solutions, Climate Smart Agriculture, and Parks Creation and Outdoor Access Bond Act of 2023, which stressed the inclusion of water recycling. He also reported that a letter of support was sent for SB 366 (Caballero), The California Water for All Initiative, also known as the “Big Bold Water Plan.” He noted that the bill was sponsored by the California Municipal Utilities Association (CMUA), and would make legislative findings to enact future legislation that modernizes California’s water plan, including the establishment of long-term water supply targets. He also reported that letters of support were sent for AB 682 (Mathis), State Water Resources Control Board, Online Search Tool, Funding Applications; AB 1211 (Mathis), Safe Drinking Water State Revolving Fund, Internet Website Information, Updates; and AB 1594 (Garcia), Medium- and Heavy-Duty Zero-Emission Vehicles, Public Agency Utilities. He noted that the California Air Resources Board would take final action on a rule that would make publicly owned utilities purchase 100 percent medium and heavy-duty zero emission vehicles beginning 2027, and AB 1594 would ensure that publicly owned utilities would have a realistic pathway to produce zero-emission vehicles where feasible, and would provide for a longer, more realistic timeline to meet the zero-emission fleet regulation.

A discussion ensued regarding the current timeline for to implement the purchase of new medium and heavy-duty zero emission vehicles, concern with the availability of zero-emission fleet vehicles, and concern with the sunset date for diesel powered vehicles.

Mr. Wolf responded to a question regarding whether amendments were accepted for AB 1337 (Wicks), State Water Resources Control Board Water Diversion Curtailment by stating that he would follow-up.

6. TREASURER

Director Coradeschi reported that he reviewed the expenditures and noted that the District purchased water from the Los Angeles Department of Water and Power (LA DWP).

General Manager David Pedersen stated that the District receives water from LA DWP during MWD shutdowns from its distribution system supplied from the State Water Project and Owens Valley.

7. ENGINEERING AND EXTERNAL AFFAIRS

A Deactivation of Water Shortage Contingency Plan: Approval

Pass, approve, and adopt proposed Resolution No. 2621, deactivating the Water Shortage Contingency Plan due to improve hydrologic conditions.

RESOLUTION NO. 2621

A RESOLUTION OF THE BOARD OF DIRECTORS OF LAS VIRGEENS MUNICIPAL WATER DISTRICT DEACTIVATING THE WATER SHORTAGE CONTINGENCY PLAN

(Reference is hereby made to Resolution No. 2621 on file in the District's Resolution Book and by this reference the same is incorporated herein.)

Joe McDermott, Director of Engineering and External Affairs, presented the report.

Director Coradeschi moved to approve Item 7A. Motion seconded by Director Caspary.

Mr. McDermott responded to questions regarding impacts from AB 1668 and SB 606 establishing indoor water efficiency standards from 55 gallons per person per day (GPCD) to 42 GPCD. He noted that the overall indoor/outdoor reduction target of 156 GPCD was due to the number of oversized lots in the District's service area.

A discussion ensued regarding the plant factor for existing landscaping at 0.8 and new landscaping at 0.55, and concerns with the State Water Board's proposal to change the existing landscape efficiency plant factor to 0.55.

Motion carried unanimously.

B Modification of Wasteful Water Use Penalties: Approval

Pass, approve, and adopt proposed Resolution No. 2622, modifying the Las Virgenes Municipal Water District Code pertaining to the assessment of penalties for wasteful water use.

RESOLUTION NO. 2622

A RESOLUTION OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT AMENDING THE LAS VIRGEENS MUNICIPAL WATER DISTRICT ADMINISTRATIVE CODE MODIFYING THE ASSESSMENT OF PENALTIES FOR WASTEFUL WATER USE

(Reference is hereby made to Resolution No. 2622 on file in the District's Resolution Book and by this reference the same is incorporated herein.)

Joe McDermott, Director of Engineering and External Affairs, presented the report.

Director Caspary moved to approve Item 7B including resetting the penalty count for all customers to "zero" on January 1st of each year, table the additional fourth and fifth penalty levels for 90 days, and request that staff provide a chart showing previous penalty levels and collections for the current and proposed Stage 3 Water Shortage Contingency Plan. Motion seconded by Director Polan.

Don Patterson, Director of Finance and Administration, noted that penalty revenue collected could be used to fund one-time projects and programs, and that the penalty

revenue had only been used for water conservation programs based on Board direction.

A discussion ensued regarding the recommendation for resetting the penalty count date to January 1st of each year.

Ursula Bosson, Customer Service Manager, responded to a question regarding the number of penalties in 2023 by noting that there was a typographical error in the chart, which should indicate 779 penalties in February and 584 penalties in March.

A discussion ensued regarding whether the same customers were continuing to exceed their water budgets; whether customers were using less water or if recent rains caused less water usage; revisiting water use penalties in 90 days; tracking customers who have had a flow restriction device installed; the possibility of using penalty revenue to install demonstration gardens; the possibility of sending letters to customers who were currently over their water budgets informing them that the Board would be considering implementation of additional penalty levels; and concerns with spending resources to contact wasteful water use customers.

General Manager David Pedersen stated that staff could bring back an updated heat map showing geographic distribution and penalty revenue trends.

Mike McNutt, Public Affairs and Communications Manager, stated that the District not only had the responsibility to provide water to customers reliably and cost effectively, but it also needed to provide customers with the tools and education to make better informed choices. He also stated that customers needed to pay for their water usage and take the tools provided, implement the tools, educate themselves, and implement conservation as a California way of life. He expressed concern that the District does not possess the staffing capacity nor the time to meet with each individual customer who consistently flouts and uses 200 percent or more of their water budget.

A discussion ensued regarding the current and proposed penalty structure for customers who exceed 200 percent of their water budget.

General Manager David Pedersen stated that staff would bring back additional information regarding penalty trends and key drivers in 90 days.

Director Caspary withdrew his motion.

Director Caspary moved to approve Item 7B and have staff bring back a 90-day review with additional information and heat map. Motion seconded by Director Coradeschi.

Motion carried by the following vote:

AYES: Burns, Caspary, Coradeschi, Lewitt

NOES: Polan

ABSTAIN: None

ABSENT: None

8. INFORMATION ITEMS

A Customer Service Drought Metrics for 2023

9. NON-ACTION ITEMS

A Organization Reports

Director Caspary reported that the ACWA State Legislative Committee might call a meeting on April 20th to discuss AB 1337 (Wicks), which would substantially modify water rights. He also reported that the Santa Monica Bay Restoration Commission (SMBRC) Governing Board would meet on April 20th, and would consider the draft Fiscal Year 2024 Work Plan. He also reported that Marissa Caringella, SMRBC Chief Administrative Director, had taken a position with United Water Conservation District; however, he was unaware of the status to hire a replacement.

B Director's Reports on Outside Meetings

None.

C General Manager Reports

(1) General Business

General Manager David Pedersen reported that Susana Arredondo was appointed as the new Executive Officer for the Los Angeles Regional Water Quality Control Board. He noted that Ms. Arredondo previously worked for a wastewater facility. He also reported that the creek avoidance period for discharge to Malibu Creek began on April 15th, and staff would begin to operate the Sprayfields and 005 Discharge to the Los Angeles River system. He noted that Las Virgenes Reservoir was at 85 percent capacity, and had captured 1,083 acre-feet from runoff. He also noted that 500 acre-feet of water was purchased and placed in the reservoir.

Don Patterson, Director of Finance and Administration, responded to questions regarding the value of the captured runoff water to Las Virgenes Reservoir.

(2) Follow-Up Items

General Manager David Pedersen noted that staff would bring back an item regarding purchasing code revisions since that the new Purchasing Supervisor was recently hired.

D Directors' Comments

Director Polan reported that he posted an item on NextDoor regarding the availability of a District-subsidized weather-based irrigation controller, and he inquired regarding the status of this program. Craig Jones, Resource Conservation Manager, responded that an email notification was sent the previous week regarding the availability of a \$10 rebate

towards a Rachio weather-based irrigation controller.

Director Caspary acknowledged Don Patterson, Director of Finance and Administration, for his explanation of the calculation of the value of the water captured in Las Virgenes Reservoir. He also acknowledged General Manager David Pedersen and staff for their efforts regarding water supplies for State Water Project Dependent-areas.

10. FUTURE AGENDA ITEMS

Director Polan moved to have a future agenda item to explore the explanation of the evapotranspiration factor that would be considered by the State Water Resources Control Board for future regulations. Motion seconded by Director Burns.

9. NON-ACTION ITEMS

D Directors' Comments

The Board returned to Directors' Comments.

Director Burns noted that he received the email notification regarding the Rachio rebate, and that he placed a link on his email signature. He expressed an interest in knowing how many more customers could receive a rebate depending on funding availability. He also stated that he attended Presidents' Council of homeowners' associations of Los Angeles, surrounding areas, and Ventura the past weekend, and that the group planned on meeting quarterly.

11. PUBLIC COMMENTS

None.

12. CLOSED SESSION

A Conference with District Counsel – Anticipated Litigation (Government Code Section 54956.9(d)(2): One item

Tort Claim by Judie Stein

Board President Lewitt stated that if the Board had no questions regarding the Closed Sessions Item, the Board could move forward with a motion.

Director Caspary moved to deny the tort claim by Judie Stein. Motion seconded by Director Coradeschi. Motion carried by the following vote:

AYES: Burns, Caspary, Coradeschi, Lewitt
NOES: None
ABSTAIN: Polan
ABSENT: None

13. ADJOURNMENT

Seeing no further business to come before the Board, the meeting was duly adjourned at **11:05 a.m.**

Jay Lewitt, President
Board of Directors
Las Virgenes Municipal Water District

ATTEST:

Gary Burns, Secretary
Board of Directors
Las Virgenes Municipal Water District

(SEAL)



DATE: May 2, 2023
TO: Board of Directors
FROM: Finance and Administration

SUBJECT: Monthly Cash and Investment Report: March 2023

SUMMARY:

During the month of March 2023, the value of the District's total cash and investments increased from \$121,960,399, held on February 28, 2023, to \$122,739,682. The total held in the District's investment portfolio increased from \$120,517,947 to \$121,297,250 at book value. One investment matured, and two investments were purchased. The book value of the District's investment portfolio increased from \$86,552,562 to \$87,541,216. The value of the District's Local Agency Investment Fund (LAIF) account decreased to \$10,738,147, and the District's California Asset Management Program (CAMP) account increased to \$22,925,620. The remaining funds were held in the District's checking and money market accounts.

RECOMMENDATION(S):

Receive and file the Monthly Cash and Investment Report for March 2023.

DISCUSSION:

As of March 31, 2023, the District held \$122,739,682 in its cash and investment accounts at book value, up 0.63% month-over-month. The majority of the funds were held in the District's self-managed investment account, which had a March 31st book value of \$87,541,216. CAMP held the majority of the remaining funds, in the amount of \$22,925,620. LAIF held \$10,738,147, and the remaining portion was held in the District's checking and money market accounts. The annualized yield of the District's investment portfolio was 2.21% in March, up from 2.17% in February. The annualized yield on the District's CAMP funds was 4.80%, up 7 basis points from February. The annualized yield on the District's LAIF funds was 2.83%, up 21 basis points from February. The combined total yield on the District's accounts was 2.78% in March, up from 2.70% in February.

The following investments were purchased in March:

- 03/01/23 – Treasury bond, in the amount of \$979,910.54, with a par value of \$1,000,000, and a maturity of 03/31/24; YTM 5.096%.
- 03/28/23 – TVA agency bullet, in the amount of \$999,520, with a par value of

\$1,000,000, and a maturity of 03/15/28; YTM 3.886%.

The following investment matured during March:

- 03/31/23 – Treasury bond, in the amount of \$1,000,000; YTM 3.013%.

The following transactions were posted in the District's LAIF account:

- 03/02/23 - Withdraw in the amount of \$980,000.
- 03/29/23 – Deposit in the amount of \$500,000.
- 03/30/23 – Withdraw in the amount of \$900,000.

The following transactions were posted in the District's CAMP account:

- 03/31/23 – Deposit in the amount of \$1,000,000.
- 03/31/23 – Interest in the amount of \$89,474.62.

The District's investments are in compliance with the adopted Investment Policy, and the District has sufficient funds to meet expenditures during the next six months from funds held in local agency investment pool liquid accounts.

Cash Analysis:

Another important aspect of the Monthly Cash and Investment Report is to monitor the District's performance as compared to its adopted Financial Policies. Attachment B shows the District's total cash and investments as of March 31, 2023 and compares the balances to the adopted Financial Policies. As shown for March, the Potable Water Enterprise had \$5.9 million available for capital projects, the Sanitation Enterprise had no additional funds available for capital, and the Recycled Water Enterprise had \$13.4 million available for capital. The Board has assigned \$15 million in potable water funds, \$10 million in recycled water funds and \$10 million in sanitation funds for the Pure Water Project Las Virgenes-Triunfo.

GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Donald Patterson, Director of Finance and Administration

ATTACHMENTS:

[LVMWD Investment Portfolio 03.31.23](#)

[Investment Report Definitions](#)

[Cash Report - March 2023](#)



**LAS VIRGENES MUNICIPAL WATER DISTRICT
MONTHLY CASH AND INVESTMENT REPORT
MARCH 31, 2023**

District investments are included in this report and all investments, except those relating to debt issues and deferred compensation programs funds, conform to District investment policy. All investment transactions within the period covered by this report, except for the exceptions noted above, conform to District Investment policy. Deferred compensation program funds are not included in this report; their investment is directed by individual employees participating in the deferred compensation program and not by the District. Debt issue funds are included in this report; their investment is controlled by specific provisions of the issuance documents and not by the District."

"The deposits and investments of the District safeguard the principal and maintain the liquidity needs of the District, providing the District with the ability to meet expenditure requirements for the next six months. The maturity dates are compatible with foreseeable cash flow requirements. The deposits and investments can be easily and rapidly converted into cash without substantial loss of value."

Fund Name	Face Amount/Shares	Market Value	Book Value	% of Portfolio	YTM @ Cost	Days To Maturity
1 Investments	87,836,000.00	83,811,507.20	87,541,216.05	71.32	2.21	793
2 LAIF	10,738,146.52	10,738,146.52	10,738,146.52	8.75	2.83	1
3 CAMP	22,925,619.91	22,925,619.91	22,925,619.91	18.68	4.80	1
4 US Bank Blackrock	92,268.72	92,268.72	92,268.72	0.08	4.67	1
5 Wells Fargo Operating	1,442,430.78	1,442,430.78	1,442,430.78	1.18	4.61	1
Total / Average	123,034,465.93	119,009,973.13	122,739,681.98	100.00	2.78	566

David W. Pedersen, General Manager

Date

Andy Coradeschi, Treasurer

Date



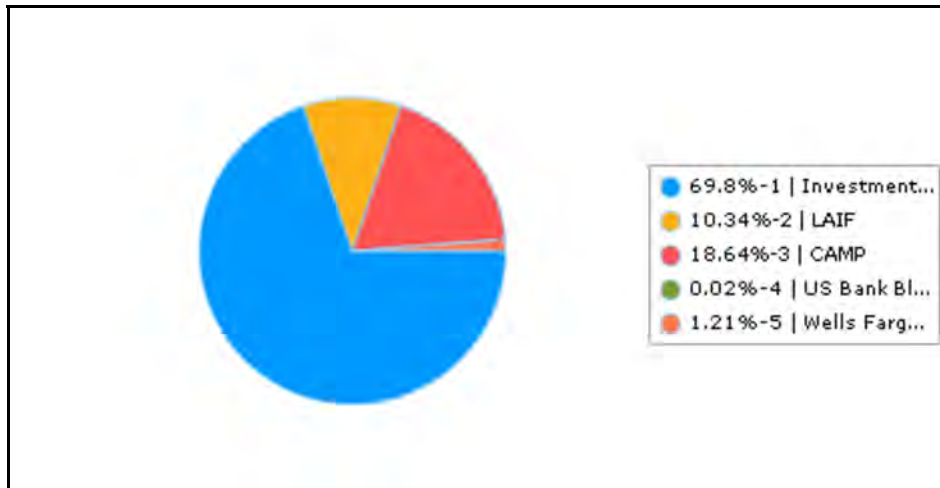
Las Virgenes Municipal Water District CA Distribution by Main Fund - Market Value All Portfolios

Begin Date: 2/28/2023, End Date: 3/31/2023

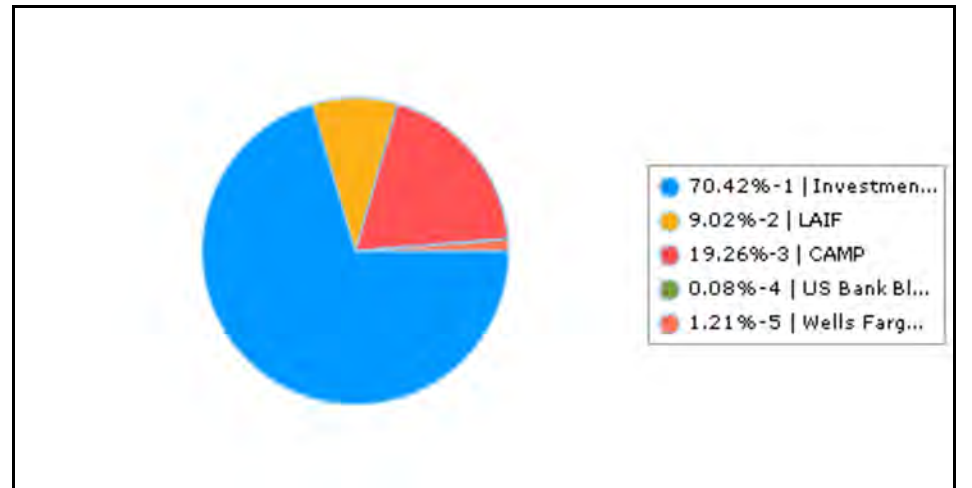
Main Fund Allocation

Main Fund	Market Value 2/28/2023	% of Portfolio 2/28/2023	Market Value 3/31/2023	% of Portfolio 3/31/2023
1 Investments	81,819,378.06	69.80	83,811,507.20	70.42
2 LAIF	12,118,146.52	10.34	10,738,146.52	9.02
3 CAMP	21,847,238.26	18.64	22,925,619.91	19.26
4 US Bank Blackrock	19,059.81	0.02	92,268.72	0.08
5 Wells Fargo Operating	1,423,391.54	1.21	1,442,430.78	1.21
Total / Average	117,227,214.19	100.00	119,009,973.13	100.00

Portfolio Holdings as of 2/28/2023



Portfolio Holdings as of 3/31/2023





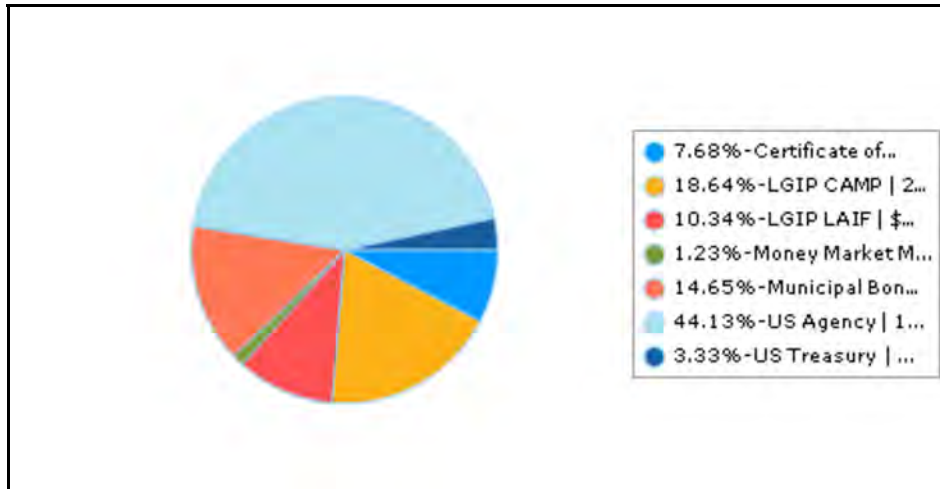
Las Virgenes Municipal Water District CA Distribution by Asset Category - Market Value All Portfolios

Begin Date: 2/28/2023, End Date: 3/31/2023

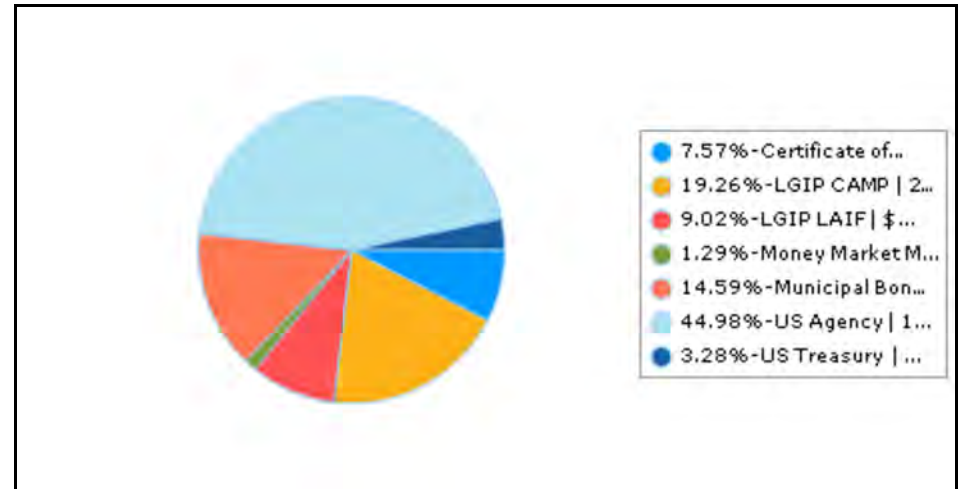
Asset Category Allocation

Asset Category	Market Value 2/28/2023	% of Portfolio 2/28/2023	Market Value 3/31/2023	% of Portfolio 3/31/2023
Certificate of Deposit 25 %	9,007,679.36	7.68	9,012,053.20	7.57
LGIP CAMP 25 %	21,847,238.26	18.64	22,925,619.91	19.26
LGIP LAIF \$ 65M	12,118,146.52	10.34	10,738,146.52	9.02
Money Market Mutual Funds 20 %	1,442,451.35	1.23	1,534,699.50	1.29
Municipal Bonds 100 %	17,174,506.20	14.65	17,364,983.50	14.59
US Agency 100 %	51,731,542.50	44.13	53,528,530.50	44.98
US Treasury 100 %	3,905,650.00	3.33	3,905,940.00	3.28
Total / Average	117,227,214.19	100.00	119,009,973.13	100.00

Portfolio Holdings as of 2/28/2023



Portfolio Holdings as of 3/31/2023



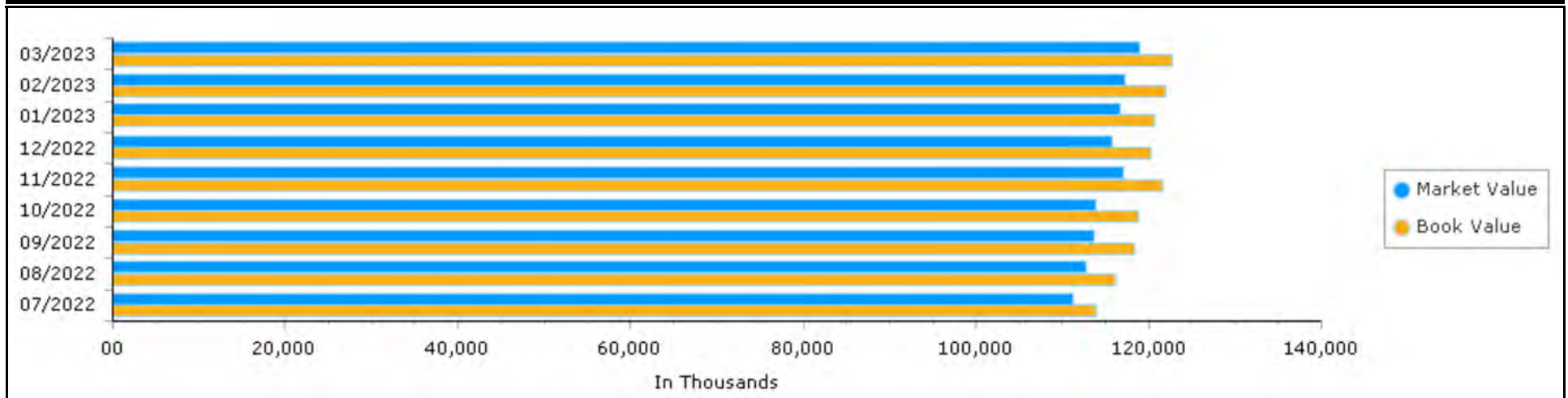


Las Virgenes Municipal Water District CA Portfolio Summary by Month All Portfolios

Begin Date: 7/31/2022, End Date: 3/31/2023

Month	Market Value	Book Value	Unrealized Gain/Loss	YTM @ Cost	YTM @ Market	Duration	Days To Maturity
7/31/2022	111,239,005.70	113,913,327.01	-2,674,321.31	1.46	2.33	1.49	559
8/31/2022	112,665,368.16	116,193,898.27	-3,528,530.11	1.73	2.90	1.54	576
9/30/2022	113,779,257.45	118,454,712.08	-4,675,454.63	2.00	3.64	1.65	622
10/31/2022	113,803,679.56	118,827,987.99	-5,024,308.43	2.14	3.99	1.60	605
11/30/2022	117,031,527.29	121,552,799.29	-4,521,272.00	2.33	4.04	1.56	590
12/31/2022	115,739,399.93	120,189,794.45	-4,450,394.52	2.46	4.20	1.57	594
1/31/2023	116,651,365.15	120,568,521.31	-3,917,156.16	2.60	4.21	1.56	593
2/28/2023	117,227,214.19	121,960,398.57	-4,733,184.38	2.70	4.65	1.57	575
3/31/2023	119,009,973.13	122,739,681.98	-3,729,708.85	2.78	4.39	1.68	567
Total / Average	115,238,532.28	119,377,902.33	-4,139,370.04	2.25	3.83	1.58	587

Market Value / Book Value Comparison





Las Virgenes Municipal Water District CA Total Rate of Return - Book Value by Month All Portfolios

Begin Date: 7/31/2022, End Date: 3/31/2023

Month	Beginning BV + Accrued Interest	Interest Earned During Period-BV	Realized Gain/Loss-BV	Investment Income-BV	Average Capital Base-BV	TRR-BV	Annualized TRR-BV	Treasury 3 Year
7/31/2022	113,481,529.59	166,397.61	0.00	166,397.61	113,916,011.51	0.14	1.74	3.03
8/31/2022	114,169,936.75	114,298.19	0.00	114,298.19	113,183,987.15	0.10	1.22	3.23
9/30/2022	116,488,068.25	144,611.09	0.00	144,611.09	115,813,949.31	0.12	1.51	3.88
10/31/2022	118,766,702.43	263,091.85	0.00	263,091.85	118,301,521.68	0.22	2.70	4.38
11/30/2022	119,179,568.48	182,767.83	0.00	182,767.83	119,821,036.04	0.15	1.85	4.34
12/31/2022	121,911,029.50	203,273.40	0.00	203,273.40	119,482,504.50	0.17	2.06	4.05
1/31/2023	120,572,119.74	303,384.97	0.00	303,384.97	121,264,971.69	0.25	3.04	3.91
2/28/2023	120,994,298.11	211,290.99	0.00	211,290.99	122,277,613.58	0.17	2.09	4.23
3/31/2023	122,393,147.39	251,154.02	0.00	251,154.02	121,974,511.86	0.21	2.50	4.09
Total/Average	113,481,529.59	1,840,235.53	0.00	1,840,235.53	118,132,182.29	1.56	2.08	3.90



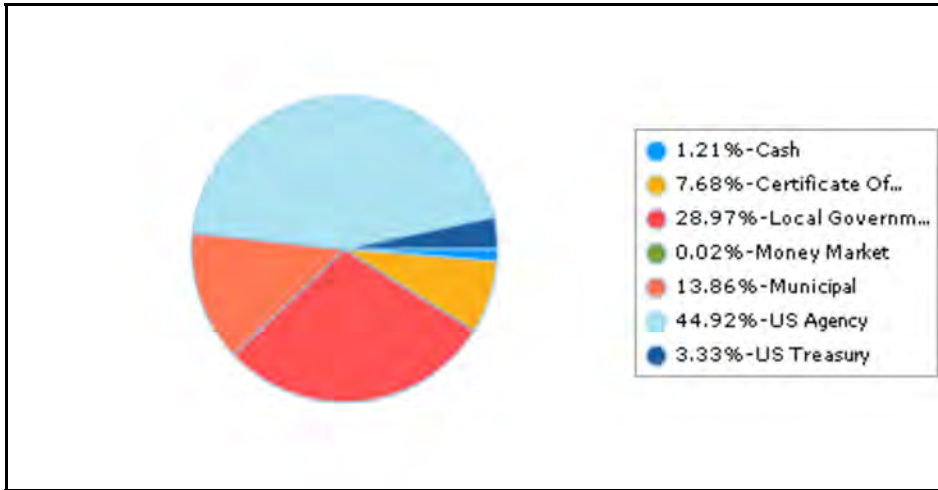
Las Virgenes Municipal Water District CA Distribution by Security Sector - Market Value All Portfolios

Begin Date: 2/28/2023, End Date: 3/31/2023

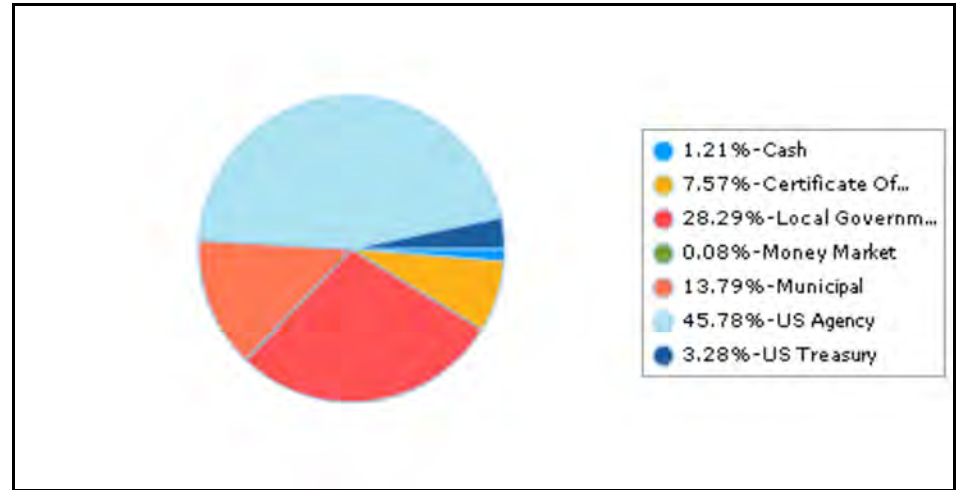
Security Sector Allocation

Security Sector	Market Value 2/28/2023	% of Portfolio 2/28/2023	Market Value 3/31/2023	% of Portfolio 3/31/2023
Cash	1,423,391.54	1.21	1,442,430.78	1.21
Certificate Of Deposit	9,007,679.36	7.68	9,012,053.20	7.57
Local Government Investment Pool	33,965,384.78	28.97	33,663,766.43	28.29
Money Market	19,059.81	0.02	92,268.72	0.08
Municipal	16,241,956.20	13.86	16,409,923.50	13.79
US Agency	52,664,092.50	44.92	54,483,590.50	45.78
US Treasury	3,905,650.00	3.33	3,905,940.00	3.28
Total / Average	117,227,214.19	100.00	119,009,973.13	100.00

Portfolio Holdings as of 2/28/2023



Portfolio Holdings as of 3/31/2023





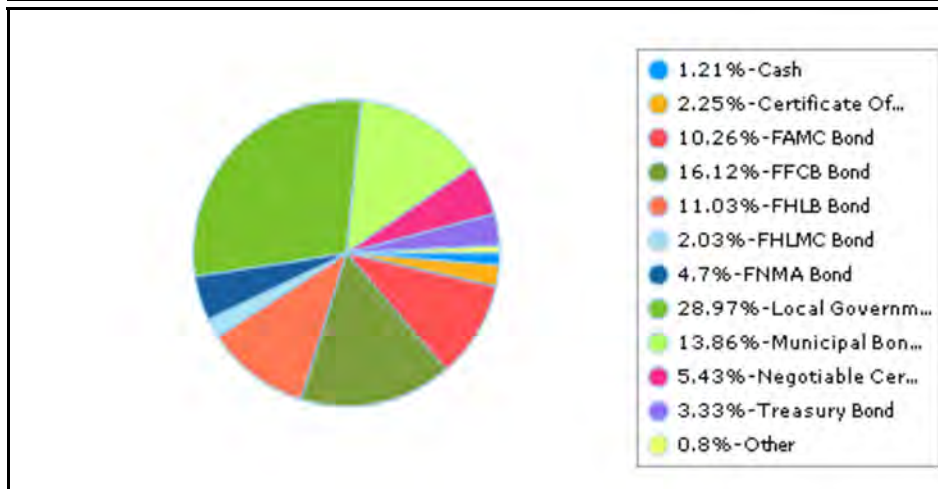
Las Virgenes Municipal Water District CA Distribution by Security Type - Market Value All Portfolios

Begin Date: 2/28/2023, End Date: 3/31/2023

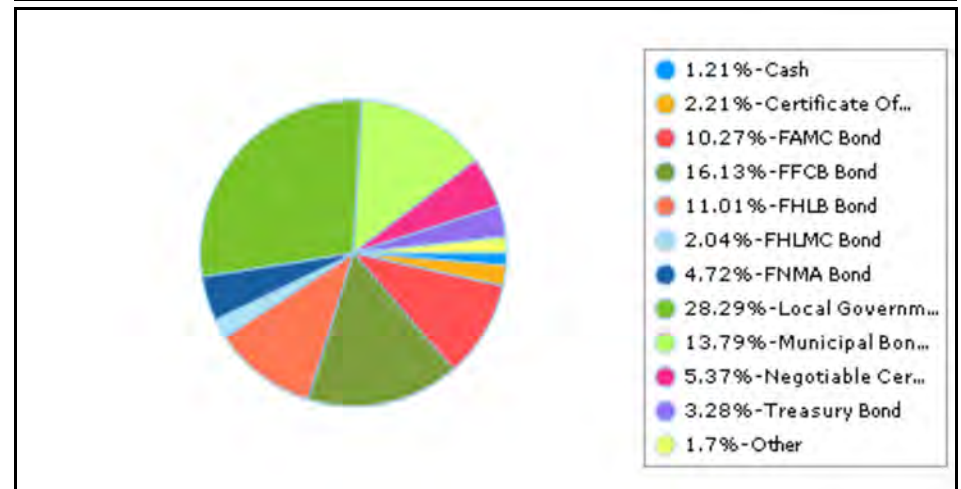
Security Type Allocation

Security Type	Market Value 2/28/2023	% of Portfolio 2/28/2023	Market Value 3/31/2023	% of Portfolio 3/31/2023
Cash	1,423,391.54	1.21	1,442,430.78	1.21
Certificate Of Deposit	2,636,674.28	2.25	2,626,743.64	2.21
FAMC Bond	12,025,220.00	10.26	12,220,870.00	10.27
FFCB Bond	18,900,790.00	16.12	19,191,440.00	16.13
FHLB Bond	12,926,676.50	11.03	13,099,230.50	11.01
FHLMC Bond	2,383,156.00	2.03	2,432,910.00	2.04
FNMA Bond	5,515,020.00	4.70	5,613,120.00	4.72
Local Government Investment Pool	33,965,384.78	28.97	33,663,766.43	28.29
Municipal Bond	16,241,956.20	13.86	16,409,923.50	13.79
Negotiable Certificate Of Deposit	6,371,005.08	5.43	6,385,309.56	5.37
Treasury Bond	3,905,650.00	3.33	3,905,940.00	3.28
Other	932,289.81	0.80	2,018,288.72	1.70
Total / Average	117,227,214.19	100.00	119,009,973.13	100.00

Portfolio Holdings as of 2/28/2023



Portfolio Holdings as of 3/31/2023





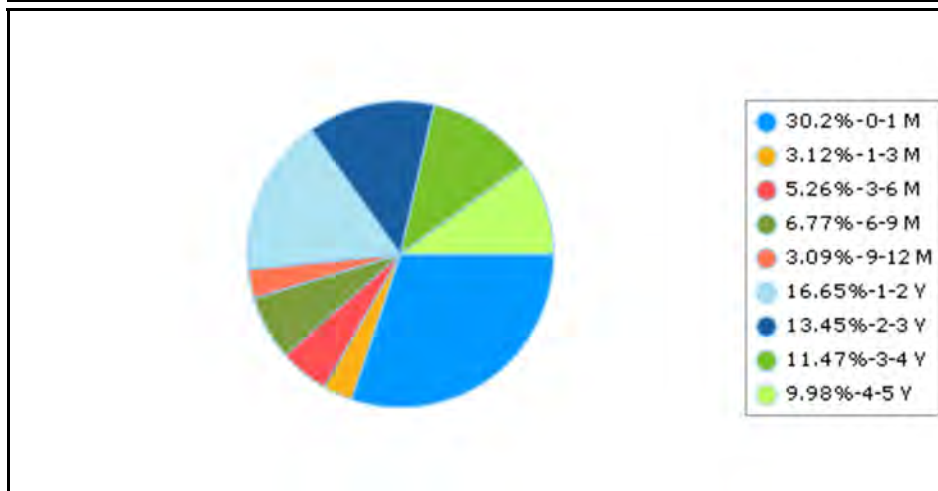
Las Virgenes Municipal Water District CA Distribution by Maturity Range - Market Value All Portfolios

Begin Date: 2/28/2023, End Date: 3/31/2023

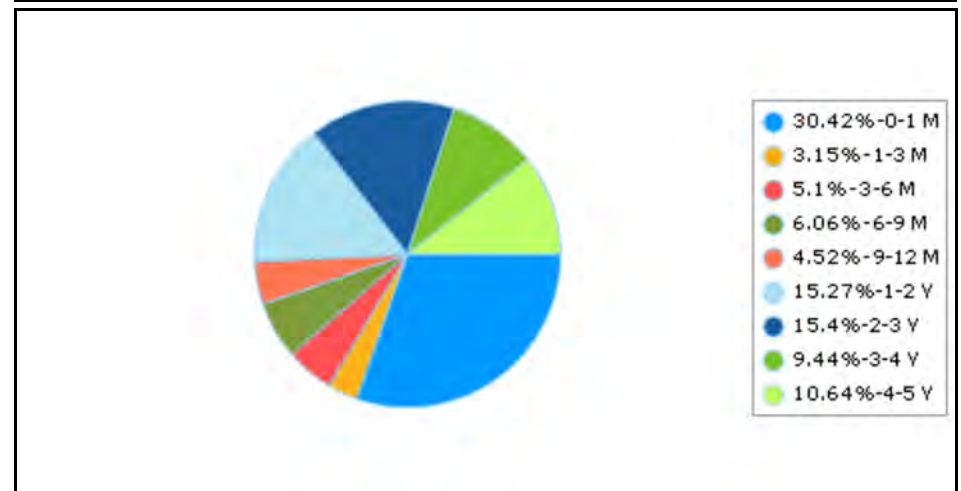
Maturity Range Allocation

Maturity Range	Market Value 2/28/2023	% of Portfolio 2/28/2023	Market Value 3/31/2023	% of Portfolio 3/31/2023
0-1 Month	35,407,836.13	30.20	36,197,935.93	30.42
1-3 Months	3,661,028.10	3.12	3,753,524.55	3.15
3-6 Months	6,166,834.29	5.26	6,074,973.53	5.10
6-9 Months	7,936,337.00	6.77	7,209,985.25	6.06
9-12 Months	3,623,950.35	3.09	5,381,045.50	4.52
1-2 Years	19,520,442.20	16.65	18,172,026.85	15.27
2-3 Years	15,763,959.45	13.45	18,324,165.45	15.40
3-4 Years	13,443,565.73	11.47	11,230,797.41	9.44
4-5 Years	11,703,260.94	9.98	12,665,518.66	10.64
Total / Average	117,227,214.19	100.00	119,009,973.13	100.00

Portfolio Holdings as of 2/28/2023



Portfolio Holdings as of 3/31/2023



Las Virgenes Municipal Water District CA
Portfolio Holdings
Investment Portfolio | by Maturity Range - Monthly Report
Report Format: By Transaction
Group By: Maturity Range
Average By: Cost Value
Portfolio / Report Group: All Portfolios
As of 3/31/2023

Description	CUSIP/Ticker	YTM @ Cost	Security Sector	Bullet/Callable	Maturity Date	Book Value	Market Value	% of Portfolio
0-1 Month								
FFCB 2.7 4/11/2023	3133EJKN8	2.700	US Agency	Bullet	4/11/2023	1,000,000.00	999,470.00	1.14
Total / Average 0-1 Month		2.700				1,000,000.00	999,470.00	1.14
1-3 Months								
Redondo Beach CA 0.415 5/1/2023-23	757696AP4	0.415	Municipal	Callable	5/1/2023	500,000.00	498,335.00	0.57
Citibank National Association 3.15 5/11/2023	17312QL23	3.150	Certificate Of Deposit	Bullet	5/11/2023	245,000.00	244,492.85	0.28
University California 3.297 5/15/2023-23	91412HBK8	3.297	Municipal	Callable	5/15/2023	930,000.00	928,335.30	1.06
Ontario California 2.216 6/1/2023	68304FAC0	1.420	Municipal	Bullet	6/1/2023	1,091,435.92	1,085,051.40	1.27
FHLB 3.25 6/9/2023	313383QR5	2.536	US Agency	Bullet	6/9/2023	1,001,288.63	997,310.00	1.18
Total / Average 1-3 Months		2.157				3,767,724.55	3,753,524.55	4.36
3-6 Months								
FAMC 2.47 7/3/2023	31422XZQ8	2.470	US Agency	Bullet	7/3/2023	1,000,000.00	994,550.00	1.14
FAMC 2.9 7/24/2023	3132X03V1	2.981	US Agency	Bullet	7/24/2023	999,763.61	994,590.00	1.14
Safra National Bank 3 7/31/2023	78658RKA8	3.000	Certificate Of Deposit	Bullet	7/31/2023	242,000.00	240,286.64	0.28
Rowland ISD CA 0.541 8/1/2023	779631JW1	0.541	Municipal	Bullet	8/1/2023	400,000.00	394,588.00	0.46
FHLB 3 8/4/2023	3130ASV55	3.232	US Agency	Bullet	8/4/2023	999,216.00	994,050.00	1.14
First Missouri State Bank 2.85 8/14/2023	32100LBY0	2.850	Certificate Of Deposit	Bullet	8/14/2023	245,000.00	243,017.95	0.28
Customers Bank 3 8/15/2023	23204HKB3	3.000	Certificate Of Deposit	Bullet	8/15/2023	242,000.00	240,080.94	0.28
FFCB 0.3 9/1/2023-21	3133EL5J9	0.300	US Agency	Callable	9/1/2023	1,000,000.00	980,070.00	1.14
FHLB 3.375 9/8/2023	313383YJ4	2.227	US Agency	Bullet	9/8/2023	1,004,788.39	993,740.00	1.20
Total / Average 3-6 Months		2.214				6,132,768.00	6,074,973.53	7.05
6-9 Months								
T-Bond 0.25 9/30/2023	91282CDA6	3.385	US Treasury	Bullet	9/30/2023	1,969,390.86	1,957,040.00	2.21
Oklahoma Water Resources OK 0.432 10/1/2023-23	67920QWY0	0.432	Municipal	Callable	10/1/2023	100,000.00	97,980.00	0.11
California State 2.25 10/1/2023	13063DDG0	3.092	Municipal	Bullet	10/1/2023	996,091.54	986,550.00	1.10
FFCB 0.27 10/5/2023-21	3133EMBQ4	0.282	US Agency	Callable	10/5/2023	999,939.91	975,790.00	1.14
FFCB 4.125 10/17/2023	3133ENN63	4.164	US Agency	Bullet	10/17/2023	999,808.18	996,140.00	1.14
State of Ohio 2.3 11/1/2023	677522SQ8	3.451	Municipal	Bullet	11/1/2023	993,419.39	986,380.00	1.13
FNMA 0.25 11/27/2023	3135G06H1	3.328	US Agency	Bullet	11/27/2023	980,284.73	971,120.00	1.10
Medallion Bank UT 1.7 12/22/2023	58404DFX4	1.700	Certificate Of Deposit	Bullet	12/22/2023	245,000.00	238,985.25	0.28

Description	CUSIP/Ticker	YTM @ Cost	Security Sector	Bullet/Callable	Maturity Date	Book Value	Market Value	% of Portfolio
Total / Average 6-9 Months		2.925				7,283,934.61	7,209,985.25	8.21
9-12 Months								
Morgan Stanley Bank 3.35 1/10/2024	61760ATZ2	3.350	Certificate Of Deposit	Bullet	1/10/2024	245,000.00	241,665.55	0.28
FFCB 2.37 2/5/2024	3133EH5S8	2.524	US Agency	Bullet	2/5/2024	998,775.80	981,560.00	1.13
TIAA FSB FL 3 2/22/2024	87270LBU6	3.000	Certificate Of Deposit	Bullet	2/22/2024	245,000.00	240,469.95	0.28
T-Bond 1.5 2/29/2024	91282CEA5	4.833	US Treasury	Bullet	2/29/2024	970,577.30	971,990.00	1.10
FHLB 3.25 3/8/2024	3130A0XE5	2.625	US Agency	Bullet	3/8/2024	1,005,680.29	985,850.00	1.16
T-Bond 2.25 3/31/2024	91282CEG2	5.096	US Treasury	Bullet	3/31/2024	972,622.38	976,910.00	1.11
California State 3 4/1/2024	13063DLZ9	2.500	Municipal	Bullet	4/1/2024	1,004,693.19	982,600.00	1.17
Total / Average 9-12 Months		3.463				5,442,348.96	5,381,045.50	6.23
1-2 Years								
FHLB 2.5 4/26/2024-23	3130ARLS8	2.500	US Agency	Callable	4/26/2024	475,000.00	463,780.50	0.54
Comenity Capital Bank UT 2.75 4/30/2024	20033AU95	2.750	Certificate Of Deposit	Bullet	4/30/2024	245,000.00	238,955.85	0.28
Pasadena Pension CA 1.8 5/1/2024	70227RBK5	1.800	Municipal	Bullet	5/1/2024	260,000.00	251,357.60	0.30
FAMC 2.65 5/2/2024	31422XYB2	2.690	US Agency	Bullet	5/2/2024	999,578.59	978,520.00	1.14
Bank New England NH 2.65 5/23/2024	06426KBE7	2.650	Certificate Of Deposit	Bullet	5/23/2024	245,000.00	238,362.95	0.28
University Northern CO 2.147 6/1/2024	914733DV9	2.147	Municipal	Bullet	6/1/2024	1,000,000.00	967,550.00	1.14
FFCB 2.16 6/3/2024	3133EKNX0	1.865	US Agency	Bullet	6/3/2024	1,003,297.78	974,010.00	1.16
FFCB 3.25 6/17/2024	3133ENYX2	3.300	US Agency	Bullet	6/17/2024	999,416.91	984,330.00	1.14
Lafayette Fed Credit Union 2.85 6/17/2024	50625LBK8	2.850	Certificate Of Deposit	Bullet	6/17/2024	249,000.00	242,491.14	0.28
FNMA 1.75 7/2/2024	3135G0V75	3.319	US Agency	Bullet	7/2/2024	981,022.79	964,800.00	1.11
FHLB 4.8 7/10/2024	3130AUU77	4.800	US Agency	Bullet	7/10/2024	1,000,000.00	1,002,110.00	1.14
Enerbank UT 2.15 8/7/2024	29278TKJ8	2.150	Certificate Of Deposit	Bullet	8/7/2024	245,000.00	235,768.40	0.28
City of Los Angeles 5 9/1/2024	544351QP7	4.142	Municipal	Bullet	9/1/2024	1,011,323.30	1,005,620.00	1.16
First Farmers Bank & Trust 1.75 9/4/2024	320165JK0	1.750	Certificate Of Deposit	Bullet	9/4/2024	245,000.00	233,916.20	0.28
FHLB 3.5 9/13/2024	3130AT6G7	4.068	US Agency	Bullet	9/13/2024	992,108.42	985,880.00	1.13
FAMC 1.74 9/26/2024	31422BMD9	1.664	US Agency	Bullet	9/26/2024	1,001,082.23	961,430.00	1.15
South Gate Utility CA 2.224 10/1/2024-24	83789TBQ1	2.224	Municipal	Callable	10/1/2024	500,000.00	482,040.00	0.57
FFCB 4.62 10/17/2024-23	3133ENS68	4.620	US Agency	Callable	10/17/2024	1,000,000.00	994,240.00	1.14
California State University 0.563 11/1/2024	13077DQC9	0.563	Municipal	Bullet	11/1/2024	400,000.00	376,668.00	0.46
FAMC 1.79 11/1/2024	31422BPG9	1.804	US Agency	Bullet	11/1/2024	999,788.49	960,590.00	1.14
California State 1.646 11/1/2024-24	13077DKC5	1.646	Municipal	Callable	11/1/2024	400,000.00	383,184.00	0.46
California State 0.56 12/1/2024-24	13067WRB0	0.560	Municipal	Callable	12/1/2024	250,000.00	234,872.50	0.29
FFCB 1.08 1/6/2025	31422XRD6	1.080	US Agency	Bullet	1/6/2025	1,000,000.00	946,120.00	1.14
KEMBA Financial Credit Union 1.8 1/8/2025	48836LAJ1	1.800	Certificate Of Deposit	Bullet	1/8/2025	245,000.00	231,787.15	0.28
FAMC 1.2 1/14/2025	31422XSU7	1.195	US Agency	Bullet	1/14/2025	1,000,089.64	947,710.00	1.14
Knoxville TVA TN 1.95 1/16/2025	499724AL6	1.950	Certificate Of Deposit	Bullet	1/16/2025	245,000.00	232,272.25	0.28
FFCB 1.67 2/14/2025-24	3133ENN4	1.670	US Agency	Callable	2/14/2025	1,000,000.00	951,720.00	1.14
Technology FCU 5 2/24/2025	87868YAJ2	5.000	Certificate Of Deposit	Bullet	2/24/2025	248,000.00	248,153.76	0.28

Description	CUSIP/Ticker	YTM @ Cost	Security Sector	Bullet/Callable	Maturity Date	Book Value	Market Value	% of Portfolio
Somerset Trust Company 1 3/19/2025	835104BZ2	1.000	Certificate Of Deposit	Bullet	3/19/2025	245,000.00	226,852.85	0.28
Iberia Bank LA 1 3/20/2025	45083ANS7	1.000	Certificate Of Deposit	Bullet	3/20/2025	245,000.00	226,933.70	0.28
Total / Average 1-2 Years		2.549				18,729,708.15	18,172,026.85	21.40

2-3 Years								
Pacific Western Bank CA 1.35 4/16/2025	69506YRG6	1.350	Certificate Of Deposit	Bullet	4/16/2025	245,000.00	228,058.25	0.28
Celtic Bank UT 1.5 4/17/2025	15118RUX3	1.500	Certificate Of Deposit	Bullet	4/17/2025	245,000.00	228,587.45	0.28
First National Bank TX 1.35 4/28/2025	32112UDR9	1.350	Certificate Of Deposit	Bullet	4/28/2025	245,000.00	227,636.85	0.28
Alexandria Utilities LA 1.498 5/1/2025-25	015086NJ6	1.498	Municipal	Callable	5/1/2025	400,000.00	374,948.00	0.46
TVA 0.75 5/15/2025	880591EW8	0.625	US Agency	Bullet	5/15/2025	1,002,612.53	925,750.00	1.15
Beverly Hills CA 0.719 6/1/2025	088013FG7	0.719	Municipal	Bullet	6/1/2025	500,000.00	461,505.00	0.57
State Bank India NY 1.05 6/10/2025	856285TR2	1.050	Certificate Of Deposit	Bullet	6/10/2025	245,000.00	225,377.95	0.28
San Francisco California 0.728 6/15/2025-25	79773KDC5	0.728	Municipal	Callable	6/15/2025	500,000.00	457,050.00	0.57
FAMC 0.48 6/19/2025	31422BD98	0.531	US Agency	Bullet	6/19/2025	998,894.09	924,590.00	1.14
FHLMC 0.65 6/30/2025-22	3134GVT99	0.650	US Agency	Callable	6/30/2025	1,000,000.00	927,280.00	1.14
Minnwest Bank South MN 0.5 7/15/2025	60425SHY8	0.500	Certificate Of Deposit	Bullet	7/15/2025	245,000.00	221,499.60	0.28
Preferred Bank CA 0.5 7/17/2025	740367MA2	0.500	Certificate Of Deposit	Bullet	7/17/2025	245,000.00	221,445.70	0.28
FNMA 0.625 7/21/2025-22	3136G4ZJ5	0.625	US Agency	Callable	7/21/2025	1,000,000.00	924,100.00	1.14
Bank Baroda NY 0.6 7/22/2025	06063HMR1	0.600	Certificate Of Deposit	Bullet	7/22/2025	245,000.00	222,043.50	0.28
Flagstar Bank MI 0.6 7/22/2025	33847E3W5	0.600	Certificate Of Deposit	Bullet	7/22/2025	245,000.00	222,043.50	0.28
FNMA 0.65 8/14/2025-22	3136G4C43	0.650	US Agency	Callable	8/14/2025	1,000,000.00	922,980.00	1.14
FHLMC 3.45 8/25/2025-23	3134GXR55	3.530	US Agency	Callable	8/25/2025	598,918.52	589,560.00	0.68
City of Santa Rosa 0.977 9/1/2025-25	802649TJ2	0.977	Municipal	Callable	9/1/2025	500,000.00	458,370.00	0.57
FHLMC 0.5 9/30/2025-22	3134GWWQ5	0.500	US Agency	Callable	9/30/2025	1,000,000.00	916,070.00	1.14
FNMA 0.54 10/27/2025-22	3136G45C3	0.540	US Agency	Callable	10/27/2025	1,000,000.00	915,070.00	1.14
FFCB 0.46 11/3/2025	3133EMFS6	0.493	US Agency	Bullet	11/3/2025	999,153.29	914,430.00	1.14
FNMA 0.57 11/17/2025-22	3135GA3X7	0.570	US Agency	Callable	11/17/2025	1,000,000.00	915,050.00	1.14
California State 0.751 12/1/2025-25	13067WSV5	0.751	Municipal	Callable	12/1/2025	250,000.00	228,037.50	0.29
FFCB 0.47 12/22/2025-22	3133EMLC4	0.470	US Agency	Callable	12/22/2025	1,000,000.00	907,480.00	1.14
JPMorgan Chase 0.5 1/6/2026	48128UVT3	0.500	Certificate Of Deposit	Bullet	1/6/2026	245,000.00	217,332.15	0.28
FAMC 0.48 1/15/2026	31422B6K1	0.489	US Agency	Bullet	1/15/2026	999,724.51	910,380.00	1.14
FFCB 0.45 2/2/2026-23	3133EMPD8	0.450	US Agency	Callable	2/2/2026	1,000,000.00	902,650.00	1.14
FFCB 0.8 3/9/2026-23	3133EMSU7	0.800	US Agency	Callable	3/9/2026	1,000,000.00	909,300.00	1.14
FHLB 0.65 3/10/2026-22	3130ALDS0	0.650	US Agency	Callable	3/10/2026	1,000,000.00	910,260.00	1.14
FAMC 0.83 3/27/2026	31422XDX7	0.828	US Agency	Bullet	3/27/2026	1,000,060.57	915,280.00	1.14
Total / Average 2-3 Years		0.748				19,954,363.51	18,324,165.45	22.80

3-4 Years								
Nelnet Bank UT 0.75 4/15/2026	64034KAF8	0.750	Certificate Of Deposit	Bullet	4/15/2026	245,000.00	216,584.90	0.28
Greenstate Credit Union 0.95 4/16/2026	39573LBC1	0.950	Certificate Of Deposit	Bullet	4/16/2026	245,000.00	217,677.60	0.28
Oceanside Water CA 1.103 5/1/2026	675413DL9	1.103	Municipal	Bullet	5/1/2026	210,000.00	190,201.20	0.24

Description	CUSIP/Ticker	YTM @ Cost	Security Sector	Bullet/Callable	Maturity Date	Book Value	Market Value	% of Portfolio
FAMC 0.95 5/4/2026-23	31422XFP2	0.950	US Agency	Callable	5/4/2026	1,000,000.00	910,420.00	1.14
FAMC 0.925 6/10/2026-22	31422XHF2	0.925	US Agency	Callable	6/10/2026	1,000,000.00	905,310.00	1.14
Toyota Financial Savings NV 0.95 7/29/2026	89235MLE9	0.950	Certificate Of Deposit	Bullet	7/29/2026	245,000.00	215,526.50	0.28
Upper Santa Clara Valley Water District 1.175 8/1/	916544EV7	3.350	Municipal	Bullet	8/1/2026	932,880.53	902,650.00	1.04
FFCB 0.71 8/10/2026-23	3133EM2C5	0.710	US Agency	Callable	8/10/2026	1,000,000.00	896,090.00	1.14
UBS Bank UT 0.95 8/11/2026	90348JR93	0.950	Certificate Of Deposit	Bullet	8/11/2026	245,000.00	214,999.75	0.28
FHLB 0.75 9/28/2026-21	3130ANY38	0.750	US Agency	Callable	9/28/2026	1,000,000.00	902,080.00	1.14
FAMC 0.9 10/2/2026-22	31422XNH1	0.900	US Agency	Callable	10/2/2026	1,000,000.00	898,060.00	1.14
Synchrony Bank 1 10/22/2026	87164YE34	1.000	Certificate Of Deposit	Bullet	10/22/2026	248,000.00	216,670.16	0.28
City of Palm Springs 1.402 11/1/2026	69666JHX9	1.402	Municipal	Bullet	11/1/2026	500,000.00	448,040.00	0.57
FFCB 1.34 11/30/2026	3133ENFV7	1.291	US Agency	Bullet	11/30/2026	1,001,733.08	913,160.00	1.15
California State 1.051 12/1/2026-26	13067WSW3	1.918	Municipal	Callable	12/1/2026	969,727.08	894,070.00	1.10
FHLB Step 12/22/2026-22	3130AQ2B8	1.869	US Agency	Callable	12/22/2026	1,000,000.00	929,360.00	1.14
FAMC 1.5 1/19/2027	31422XSV5	1.517	US Agency	Bullet	1/19/2027	999,375.79	919,440.00	1.14
Beal Bank (Texas) 1.55 2/3/2027	07371AWQ2	1.550	Certificate Of Deposit	Bullet	2/3/2027	245,000.00	216,344.80	0.28
American Express 2 3/9/2027	02589ABQ4	3.585	Certificate Of Deposit	Bullet	3/9/2027	235,680.55	224,112.50	0.27
Total / Average 3-4 Years		1.391				12,322,397.03	11,230,797.41	14.05
4-5 Years								
FHLB 3 4/21/2027-22	3130ARGE5	3.000	US Agency	Callable	4/21/2027	1,000,000.00	955,060.00	1.14
San Jose California 3.594 5/1/2027	798153PY2	3.594	Municipal	Bullet	5/1/2027	1,000,000.00	958,870.00	1.14
Capital One Bank NA 3.05 5/4/2027	14042TFW2	3.050	Certificate Of Deposit	Bullet	5/4/2027	246,000.00	229,203.12	0.28
FFCB 3.24 6/28/2027	3133ENZK9	3.260	US Agency	Bullet	6/28/2027	999,218.63	974,210.00	1.14
Commonwealth of Massachusetts 3.679 7/15/2027	576004HD0	3.679	Municipal	Bullet	7/15/2027	500,000.00	489,220.00	0.57
FHLB 4.05 8/10/2027-22	3130ASUC1	4.050	US Agency	Callable	8/10/2027	1,000,000.00	976,530.00	1.14
FFCB 3.375 9/15/2027	3133ENL99	3.451	US Agency	Bullet	9/15/2027	996,913.29	978,490.00	1.14
Security Bank & Trust 3.9 9/28/2027	814010CR3	3.900	Certificate Of Deposit	Bullet	9/28/2027	245,000.00	236,420.10	0.28
FFCB 4 9/29/2027	3133ENQ29	4.064	US Agency	Bullet	9/29/2027	997,417.63	1,003,900.00	1.14
FHLB 4.7 9/30/2027-22	3130ATC21	4.700	US Agency	Callable	9/30/2027	1,000,000.00	987,360.00	1.14
Discover Bank 4.9 11/8/2027	254673Y67	4.900	Certificate Of Deposit	Bullet	11/8/2027	244,000.00	244,248.88	0.28
FHLB 4.25 12/10/2027	3130ATUS4	3.738	US Agency	Bullet	12/10/2027	1,021,671.11	1,015,860.00	1.17
University Bank 4.05 12/16/2027	914098DM7	4.050	Certificate Of Deposit	Bullet	12/16/2027	249,000.00	240,456.81	0.28
FFCB 4 1/6/2028	3133EN5N6	3.662	US Agency	Bullet	1/6/2028	1,014,606.89	1,008,280.00	1.16
Lakeside Bank 3.85 1/13/2028	51210STA5	3.850	Certificate Of Deposit	Bullet	1/13/2028	245,000.00	234,442.95	0.28
Austin Telco FCU 4.75 1/27/2028	052392CN5	4.750	Certificate Of Deposit	Bullet	1/27/2028	248,000.00	246,846.80	0.28
State of California 1.7 2/1/2028	13063DC48	3.959	Municipal	Bullet	2/1/2028	901,623.43	885,850.00	1.03
TVA 3.875 3/15/2028	880591EZ1	3.886	US Agency	Bullet	3/15/2028	999,520.26	1,000,270.00	1.14
Total / Average 4-5 Years		3.793				12,907,971.24	12,665,518.66	14.75
Total / Average		2.208				87,541,216.05	83,811,507.20	100

Monthly Investment Report Definitions

- Disc./Cpn Rate – The yield paid by a fixed income security.
- Yield to Call (YTC) – The rate of return of a security held to call when interest payments, market value and par value are considered.
- Yield to Maturity (YTM) – The rate of return of a security held to maturity when interest payments, market value and par value are considered.
- Bullet – A fixed income security that cannot be redeemed by the issuer until the maturity date.
- Callable – A fixed income security that can be redeemed by the issuer before the maturity date.
- Book Value – The price paid for the security.
- Par Value – The face value of a security.
- Market Value – The current price of a security.
- Sinking Bond – In the case of the CASPWR Bond held by the District, a sinking bond pays a portion of principal on a defined schedule throughout the life of the bond.
- Custodian – The financial institution that holds securities for an investor.

Investment Abbreviations

- FHLB – Federal Home Loan Bank
- FHLMC – Federal Home Loan Mortgage Corporation (Freddie Mac)
- FNMA – Federal National Mortgage Association (Fannie Mae)
- FFCB – Federal Farm Credit Bank
- FAMCA/AGM – Federal Agricultural Mortgage Corporation (Farmer Mac)
- TVA – Tennessee Valley Authority

LVMWD CASH ANALYSIS - March 31, 2023

	Restricted Cash	Cash Held by Policy	Policy Requirement	Funds Available for Capital
101 - Potable Water Operations		12,549,944	9,997,207	
201 - Potable Water Construction	3,152,670			
301 - Potable Water Replacement		11,374,288	11,177,935	
Potable Water Assigned Funds		15,000,000		
603 - Rate Stabilization Fund		8,000,000	8,000,000	
Total Potable Water	3,152,670	46,924,232	29,175,142	5,901,759
102 - Recycled Water Operations		3,896,799	1,100,143	
203 - Recycled Water Construction	625,534			
302 - Recycled Water Replacement		12,507,350	2,539,440	
Recycled Water Assigned Funds		10,000,000		
Total Recycled Water	625,534	26,404,149	3,639,583	13,390,100
130 - Sanitation Operations		7,835,583	3,291,214	
230 - Sanitation Construction	4,806,791			
330 - Sanitation Replacement		(1,204,615)	12,573,074	
Sanitation Assigned Funds		10,000,000		
Total Sanitation	4,806,791	16,630,968	15,864,288	(4,426,529)
701 - Vested Sick Leave Reserve	857,709			
720 - Insurance Reserve		8,697,321	8,520,505	176,816
JPA	15,328,912			
701 - Internal Services Fund	(688,603)			
<i>Subtotal</i>	<i>24,083,012</i>	<i>98,656,670</i>		
TOTAL	122,739,682			

Financial Policy - Cash required to comply with District's adopted Financial Policy.

Assigned Fund - Revenue restricted to a particular purpose.



DATE: May 2, 2023
TO: Board of Directors
FROM: Finance and Administration

SUBJECT: Statement of Revenues, Expenses and Changes in Net Position: March 2023

SUMMARY:

To ensure effective utilization of the public's assets and money, a monthly Statement of Revenues, Expenses and Changes in Net Position (Statement) is provided to the Board for review. The report is a high-level overview that summarizes the District's financial status through the end of the referenced month and can be used as a supplement to the additional detailed analysis provided in the quarterly financial reports. The data is formatted to mirror the presentation in the Annual Comprehensive Financial Report, which consists of an operating financial section, a non-operating financial section and year-to-date changes in net position. The report is unaudited and preliminary due to the timing of its preparation versus month-end closing for the reported month.

RECOMMENDATION(S):

Receive and file the Statement of Revenues, Expenses and Changes in Net Position for the period ending on March 31, 2023.

FINANCIAL IMPACT:

There is no financial impact associated with the report.

DISCUSSION:

Districtwide operating revenues year-to-date through March 2023 were \$47.6 million, which was \$9.5 million (or 16.6%) below the prior year's revenues of \$57.1 million. Operating revenues through March encompass 75% of the budget, which is in line with expectations for this point in the fiscal year.

The decrease in operating revenues as compared to the prior year was driven mainly by lower potable water sales, down \$10.4 million (or 31.4%) and reduced recycled water sales of \$1.2 million (or 25.0%), offset by increases of \$0.8 million (or 4.6%) in sanitation service revenues, and \$1.4 million in "other income," which consisted mainly of potable water and recycled water penalties.

Year-to-date revenues from potable water penalties were \$1.8 million through March 2023, versus prior year revenues through March 2022 of \$1.3 million. Penalty revenue increased year-over-year due to the initiation of the District's Stage 3 Water Shortage Contingency Plan beginning in January 2022, which continued through January 2023, resulting in reduced customer outdoor water budgets by 50% and incremental penalties of \$2.50 per unit of water over budget each month.

Though potable water penalties were higher year-over-year, penalty revenue in the months of February and March have decreased significantly versus the prior month of January. The decrease in penalty revenue is expected moving forward as the District moved back to Stage 2 of its Water Shortage Contingency Plan on February 7th after being in Stage 3 for a little over a year. Year-to-date revenues from recycled water penalties were \$1.0 million through March 2023, compared to only \$0.5 million in penalties during the prior fiscal year through March 2022.

Potable water deliveries year-to-date through March 2023 were 8,589 acre-feet, which were down 38.9% versus deliveries of 14,050 acre-feet through March 2022. The decrease in deliveries was higher than the projected 35% reduction and reflects the positive impact of on-going drought messaging and continuing water conservation efforts by District customers in Fiscal Year 2022-23.

Districtwide operating expenses year-to-date through March 2023 were \$38.8 million, which were \$3.3 million (or 7.8%) below prior year expenses through March 2022 of \$42.1 million. Actual operating expenses encompassed 65.8% of the \$58.9 million annual budget, which trends favorably to projected expectations for this point in the fiscal year. Operating expense savings through March 2023 were realized primarily due to lower source of supply costs versus the prior year due to the aforementioned reduction in potable water deliveries. Some of the operating expense savings in the current year versus prior year were offset by increased sanitation costs billed from the Las Virgenes-Triunfo Joint Powers Authority (JPA). In the prior year, during the month of March 2022, the JPA received a one-time "indifference payment" from Southern California Edison of \$2.8 million. The one-time revenue received by the JPA reduced the net expenses invoiced to the District and Triunfo Water and Sanitation District for sanitation services, resulting in lower operating expenses prior year versus the current fiscal year (\$11.3 million in current year versus \$8.5 million in prior year).

The District generated net operating income available for capital projects of \$8.8 million year-to-date through March 2023, which was \$6.2 million below the prior year's net operating income of \$15.0 million. The net income through March 2023 trends favorably when compared to the annual budgeted net operating income of \$5.0 million for the fiscal year.

Within the attached report, the "Current Budget" column pertains to the current fiscal year budget that was adopted and/or amended by the Board. The "Actual Year-to-Date" columns presents the cumulative year-to-date revenues and expenses for both the current fiscal year and prior fiscal year. Lastly, the "Variance with Prior Year" column calculates the net difference between the current fiscal year-to-date balance and the prior fiscal year-to-date balance.

GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Brian Richie, Finance Manager

ATTACHMENTS:

Statement of Revenues, Expenses and Changes in Net Position: March 2023

LAS VIRGENES MUNICIPAL WATER DISTRICT
Statement of Revenues, Expenses, and Changes in Net Position
For the Month ended March 31, 2023 (Preliminary) and 2022
(dollars in thousands)



	Current Budget	<i>Through 75% of fiscal year</i>		Variance with Prior Year Positive Positive (Negative)
		Actual Year-to-Date		
	<u>2022/23</u>	<u>2022/23</u>	<u>2021/22</u>	<u>2022/23 to 2021/22</u>
OPERATING REVENUES:				
Potable water sales and service fees	\$ 33,321	\$ 22,730	\$ 33,126	\$ (10,396)
Recycled water sales and service fees	4,610	3,588	4,785	(1,197)
Sanitation service fees	22,126	17,309	16,545	764
Other income	3,810	3,997	2,623	1,374
Total operating revenues	63,867	47,624	57,079	(9,455)
OPERATING EXPENSES:				
Water expenses:				
Source of supply	20,957	13,695	20,799	(7,104)
Pumping	1,759	789	1,037	(248)
Transmission and distribution	3,825	2,621	2,227	394
Meter	1,219	477	749	(272)
Water conservation	1,500	145	30	115
General and administrative	10,672	7,020	6,564	456
Total water expenses	39,932	24,747	31,406	(6,659)
Sanitation expenses:				
Share of Joint Powers Authority (expense)	15,903	11,305	8,502	2,803
Other sewage treatment	553	789	444	345
Lift stations	112	104	47	57
General and administrative	2,400	1,831	1,671	160
Total sanitation expenses	18,968	14,029	10,664	3,365
Total operating expenses	58,900	38,776	42,070	(3,294)
NET OPERATING INCOME (LOSS)	4,967	8,848	15,009	(6,161)
NON-OPERATING REVENUES (EXPENSES):				
Taxes	978	637	507	130
Lease income	100	75	58	17
Interest income	1,000	1,416	634	782
Facilities income/ (expense)	573	216	261	(45)
Interest expense and fiscal charges	(150)	(5)	(64)	59
Gain (Loss) on disposal of capital assets	-	6	-	6
Other revenues/(expenses)	75	462	177	285
Non-operating revenues (expenses)	2,576	2,807	1,573	1,234
Capital contributions	808	1,227	2,285	(1,058)
Change in Net Position	8,351	12,882	18,867	(5,985)
NET POSITION:				
Beginning of fiscal year	286,518	286,518	269,234	17,284
Ending Net Position	\$ 294,869	\$ 299,400	\$ 288,101	\$ 11,299



DATE: May 2, 2023
TO: Board of Directors
FROM: General Manager

SUBJECT: American Water Works Association ACE23 Water Conference: Board Member Attendance

SUMMARY:

Board President Jay Lewitt expressed an interest in attending the American Water Works Association ACE23 Water Conference, which will be held June 11 through 14, 2023, in Toronto, Canada. The Las Virgenes Municipal Water District Code (Code), Section 2-2.106(d) – Compensation, designates specific organizational events that directors are authorized to attend. The American Water Works Association ACE23 Water Conference is not currently covered by the Code; therefore, the Board must authorize the expenses associated with attendance.

RECOMMENDATION(S):

Authorize Board Member attendance and per diem compensation for the American Water Works Association ACE23 Water Conference that will be held June 11 through 14, 2023, in Toronto, Canada.

FISCAL IMPACT:

Yes

ITEM BUDGETED:

Yes

FINANCIAL IMPACT:

The cost for registration is \$1,025 per person, not including per diem compensation and travel expenses. Sufficient funds are available in the adopted Fiscal Year 2022-23 Budget for this purpose.

DISCUSSION:

Board President Jay Lewitt expressed an interest in attending the American Water Works

Association ACE23 Water Conference held June 11 through 14, 2023, in Toronto Canada.

The Las Virgenes Municipal Water District Code (Code), Section 2-2.106(d) – Compensation, designates specific organizational events that directors are authorized to attend. The American Water Works Association ACE23 Water Conference is not currently covered by the Code; therefore, the Board must authorize the expenses associated with attendance. Board President Lewitt’s attendance at the event will enhance his knowledge of critical issues related to providing high-quality, reliable water service to the District's customers.

GOALS:

Provide Safe and Quality Water with Reliable Services

Prepared by: David Pedersen, General Manager

ATTACHMENTS:

[AWWA ACE 2023 Conference](#)

Register Today!

REGISTER ONLINE

For general registration questions, assistance or to request a PDF registration form please contact AWWA Customer Service at service@awwa.org or call 1.800.926.7337 or 303.794.7711 Monday-Friday 8am-5pm MT.

ACE23 REGISTRATION OPTIONS AND FEES

Rates below valid until 11:59 p.m. Eastern Time June 10. Rates will increase beginning June 11.

ACE23 Registration Type	MEMBER Rate (USD)	NON-MEMBER Rate (USD)
Full-Conference	\$1025	\$1325
Field Operator Full-Conference*	\$515	\$715
Small Utilities Full-Conference (under 3,500 customers)*	\$515	\$715
Exhibits-Only (non-exhibitors)	\$185	\$195
Student Full-Conference*	\$45	\$65
ACE23 Virtual	\$395	\$595
ACE23 Virtual - Student*	\$125	\$145

**Eligibility is verified*

PRE-CONFERENCE WORKSHOPS, TOURS, AND PUBLIC OFFICIALS

(Available to Full-Conference Registrants Only)

	Member Rate (USD)	Nonmember Rate (USD)	Student (USD)
Workshops (Prices vary - see registration for details)	\$115-160	\$215-260	\$60
Technical Facility Tours	\$65	\$165	N/A
Public Officials Courses	\$95-150 per course	\$195-250 per course	N/A

ACE23 REGISTRATION CATEGORY INCLUSIONS

Registration Type	Professional Sessions	Exposition	Lunch Tickets for Expo Café	Tuesday Networking Happy Hour: 1 Drink Ticket	Online Proceedings	ACE Virtual

Full-Conference Registration	X	X	Two	X	X	X
Exhibits-Only (non-exhibitors)		X		X	X	AWWA Members Only
Water/Wastewater Utility Employee Exhibits-Only		X		X	X	
Full-Conference Student Registration	X	X	Two	X	X	X
Field Operator Full-Conference Registration	X	X	Two	X	X	X
Small Utilities Full-Conference Registration	X	X	Two	X	X	AWWA Members Only
Spouse/Guest		X		X		

REGISTER ONLINE

ACE23 CANCELLATION POLICY:

AWWA must receive cancellations in writing. Phone cancellations are not accepted. All cancellations dated on or before April 21, 2023 will receive a refund, minus a 25% administrative fee. After April 21, 2023 cancellations will not be refunded; however, substitute registrants are welcome. Email requests for substitutions or cancellations to service@awwa.org or fax requests to 303.347.0804.

INFORMATION RELEASE, CONFERENCE POLICIES, AND CODE OF CONDUCT:

By registering for an AWWA event or program, attendees agree to abide by the [conference policies and code of conduct](#). As part of your event registration, personal contact data such as name, address, and email address will be collected and used by AWWA Show Management and approved third-parties affiliates, including exhibitors and sponsors, for ACE23. See [AWWA Privacy Policy](#) for additional information. If you do not wish to receive any emails from ACE exhibitors and sponsors, you may follow their opt out or unsubscribe instructions following receipt of an email from them. You will not be able to opt out prior to receiving an initial email from our ACE exhibitors and sponsors.

What Attendees are Saying About ACE

"ACE provides an opportunity to learn from world-class industry professionals about a myriad of subjects ranging from hyper-focused technical information to valuable insight on the world's biggest issues. Attending left me with a renewed sense of duty and provided quality content to help improve the utility (for which I work). The information was pertinent to the issues facing every utility, and the conference provides a forum for the exchange of ideas that is otherwise impossible."

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AWWA Headquarters
 6666 W. Quincy Ave
 Denver, CO 80235 USA
 Phone: 303.794.7711 or 800.926.7337
 Fax: 303.347.0804

AWWA Government Affairs Office
 1300 Eye St. NW Suite 701
 Washington, DC 20005-3314 USA
 Phone: 202.628.8303

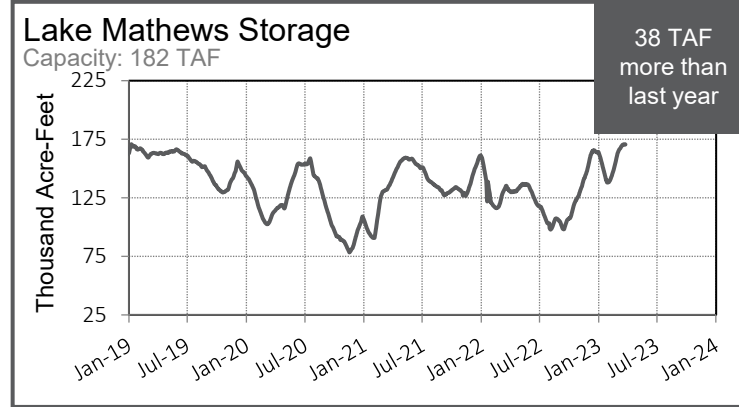
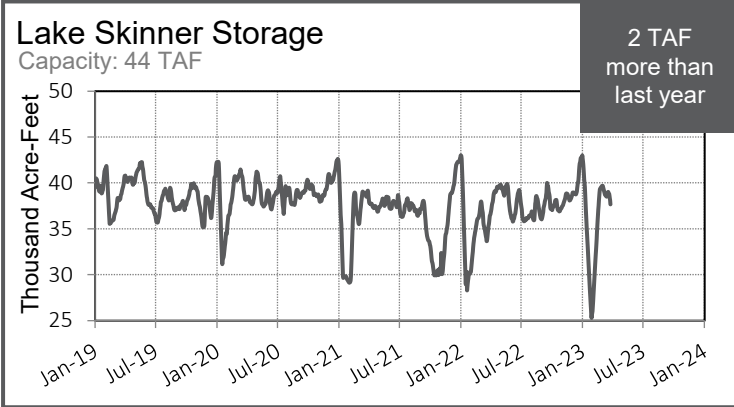
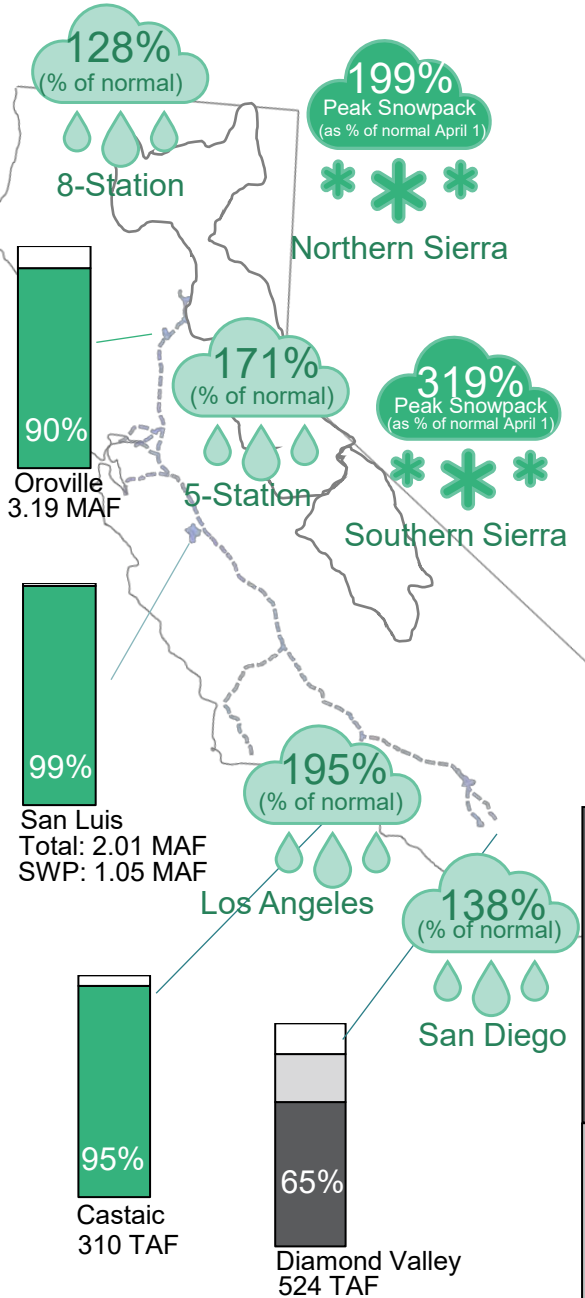
AWWAIndia Association
 New Delhi, India
<https://www.awwa-india.org>



SWP Table A – 100% - 1,911,500 AF

Projected CRA Diversions – 784,000 AF

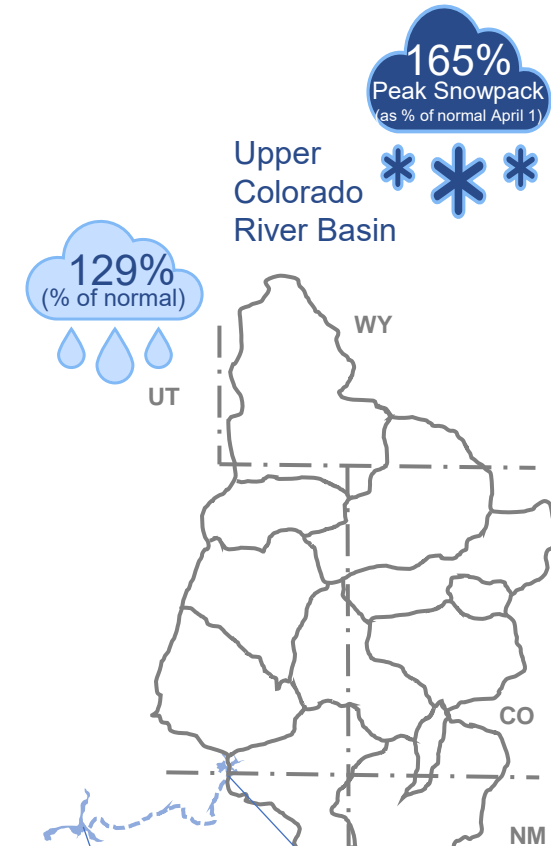
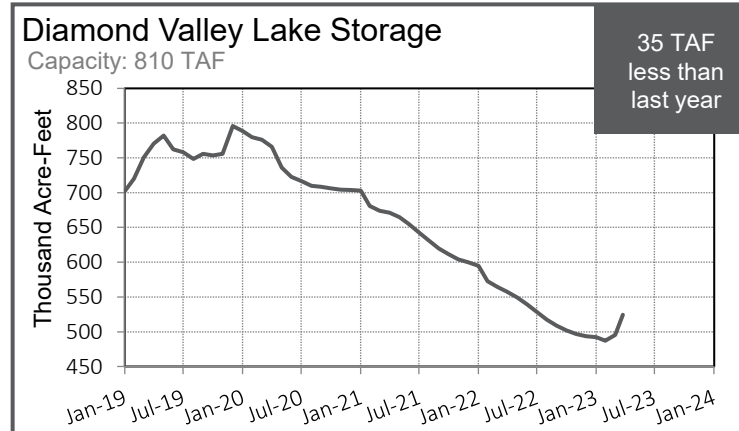
Metropolitan Resources



MWD WSDM Storage

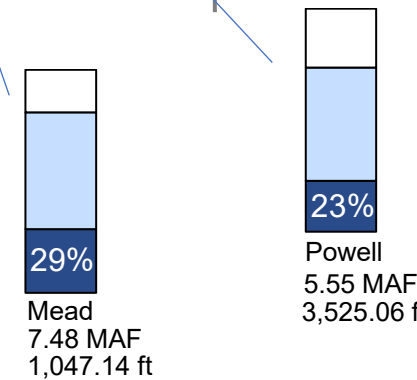
Calendar Year 2023

	2023 Put Capacity
Colorado River Aqueduct Delivery System	400 TAF
State Water Project System	638 TAF
In-Region Supplies and WSDM Actions	407 TAF
Other Programs	303 TAF
Total WSDM Storage Put Capacity	1,748 TAF



- ## Highlights
- SWP allocation is now 100% of contractual amounts (Table A)
 - Snowpack has started to melt
 - Powell unregulated inflow forecast is at 149% of normal for the water year and 174% for the April-July period

This report is produced by the Water Resource Management Group and contains information from various federal, state, and local agencies. The Metropolitan Water District of Southern California cannot guarantee the accuracy or completeness of this information. Readers should refer to the relevant state, federal, and local agencies for additional or for the most up to date water supply information. Reservoirs, lakes, aqueducts, maps, watersheds, and all other visual representations on this report are not drawn to scale. Questions? Email mferreira@mwdh2o.com

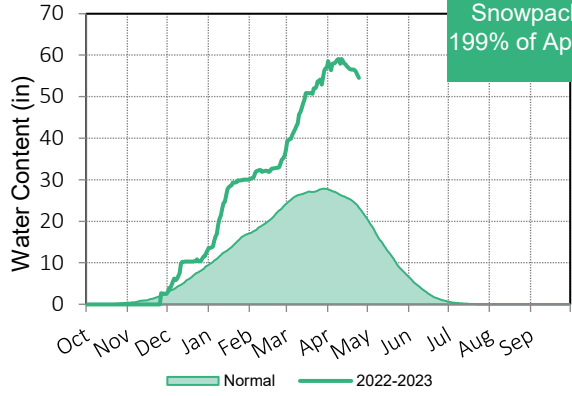


State Water Project Resources

As of: 04/24/2023

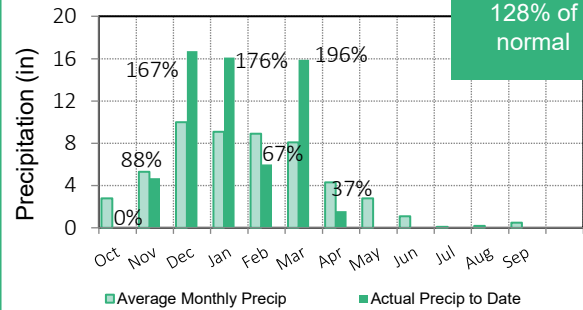
Northern Sierra Snowpack

Peak Snowpack:
199% of April 1



8 Station Index Precipitation

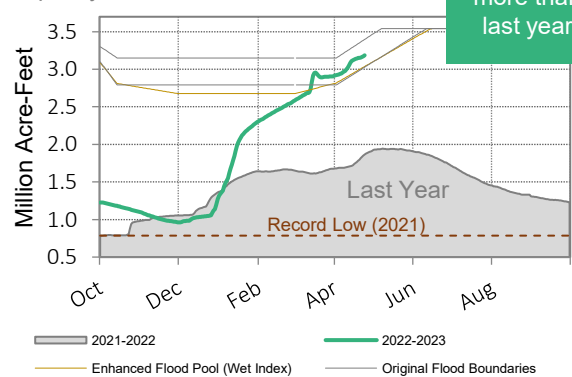
61.0 in
128% of normal



Oroville Reservoir Storage

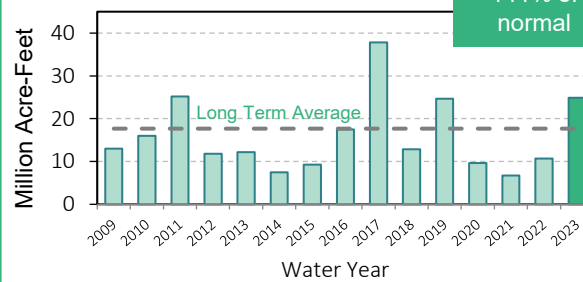
Capacity: 3.54 MAF

1.32 MAF
more than last year



Sacramento River Runoff

Forecast:
141% of normal



Other SWP Supplies

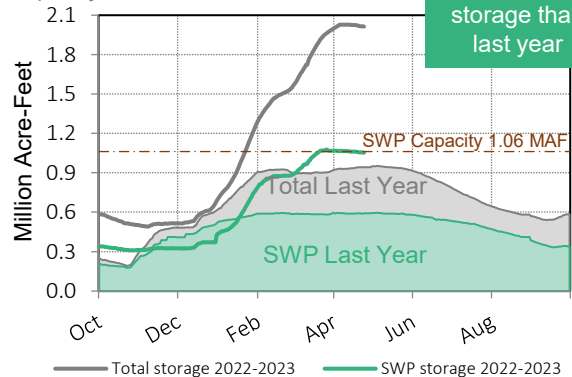
Calendar Year 2023

Carryover 39,000 acre-feet
Article 21 83,000 acre-feet

San Luis Reservoir Storage

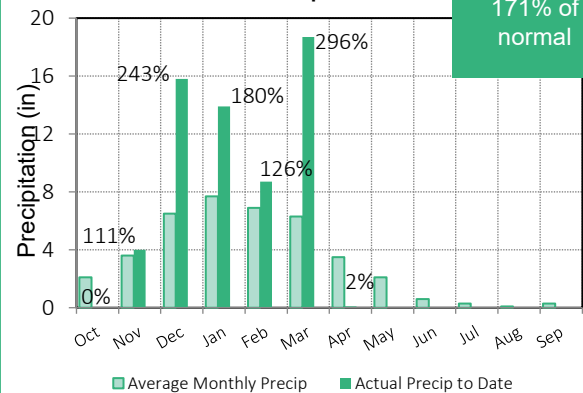
Capacity: 2.04 MAF

463 TAF
more SWP storage than last year



5 Station Index Precipitation

61.2 in
171% of normal

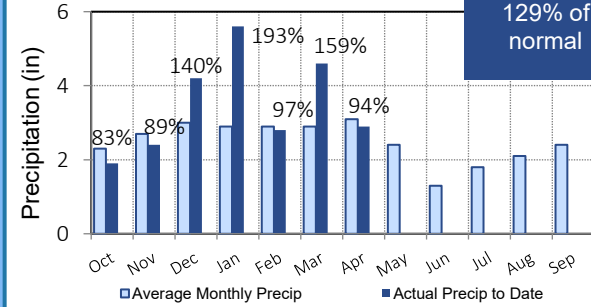


Colorado River Resources

As of: 04/24/2023

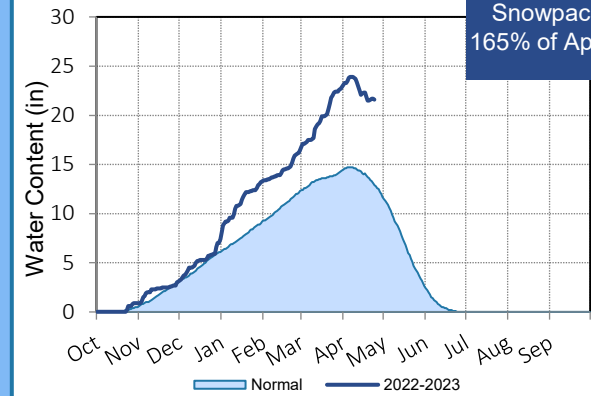
Upper Colorado Precipitation

24.4 in
129% of normal



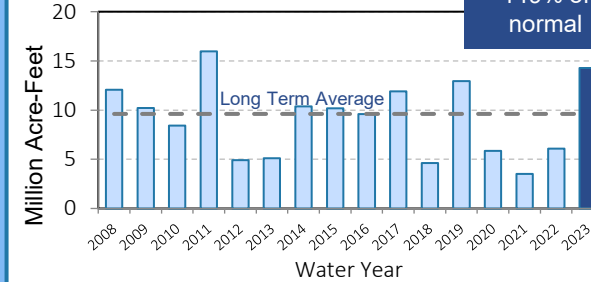
Upper Colorado Snowpack

Peak Snowpack:
165% of April 1



Powell Unregulated Inflow

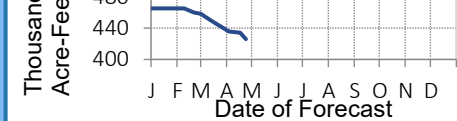
Forecast:
149% of normal



PVID/Yuma Agricultural Use

Annual Forecasted for 2023

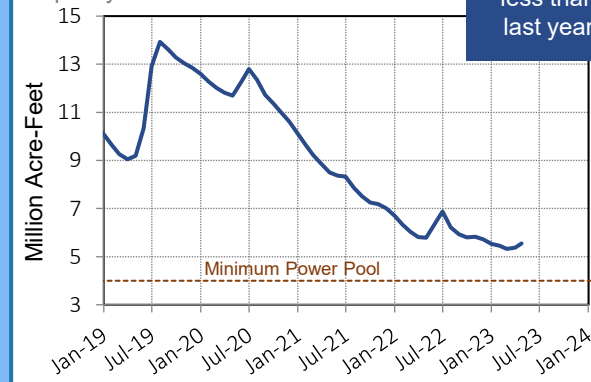
Forecasted Use for 2023:
426 TAF



Lake Powell Storage

Capacity: 24.3 MAF

220 TAF
less than last year



Projected Lake Mead ICS

Calendar Year 2023

Put (+) / Take (-)
TBD

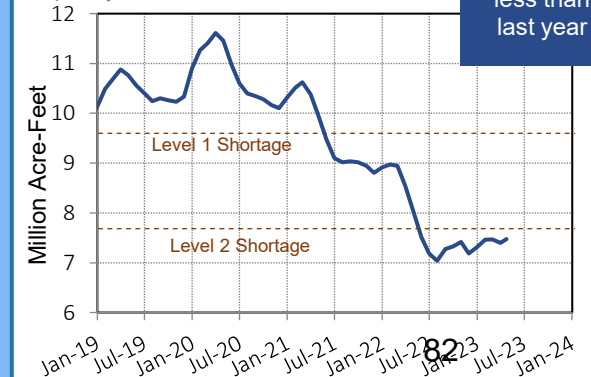
Lake Mead Surplus/Shortage Outlook

April 2023 modeling results to be available soon.

Lake Mead Storage

Capacity: 26.1 MAF

672 TAF
less than last year





DATE: May 2, 2023
TO: Board of Directors
FROM: Finance and Administration

SUBJECT: Fiscal Year 2023-24 Draft Budget Review

SUMMARY:

The District prepares a biennial budget to support long-range strategic planning and aims to minimize mid-cycle changes to operating, capital improvement and staffing expenditures. As a result, the Fiscal Year 2023-24 draft budget represents a continuation of the same levels of service with no significant changes to the operating budget from the approved plan.

RECOMMENDATION(S):

Review and provide feedback on the Fiscal Year 2023-24 Draft Budget.

FINANCIAL IMPACT:

There is no financial impact associated with this action.

DISCUSSION:

In June 2022, the Board approved a two-year budget plan and adopted the Fiscal Year 2022-23 Budget. The development of the Fiscal Years 2022-24 Two-Year Budget Plan coincided with historic drought conditions faced by the State of California. Given the dynamic nature of the drought emergency, staff proposed a conservative two-year budget plan based on the then-current conditions, while recognizing that circumstances could improve or further deteriorate over time.

Budget Assumptions:

At a Board workshop held on April 12, 2022, staff reviewed the major factors and assumptions for the draft budget and requested feedback from the Board on the following key items:

- Pass-through of the Metropolitan Water District of Southern California (MWD) approved increases to its full-service treated volumetric rates for purchased water, effective on January 1st of 2023 and 2024, and the use of Rate Stabilization Funds to minimize the impact to customers as a result of decreased water sales associated with the drought.

- Water use reductions of 20 percent (20%) in Fiscal Year 2023-24.
- Increases to labor costs based on currently-approved Memoranda of Understanding.
- Authorization of one additional staffing position in the Water Treatment Division.
- Continuation of optional, additional payments, in the amount of \$1.3 million annually, to continue reduction of the District's unfunded liability for Other Post-Employment Benefits (OPEB).
- Assignment of an additional \$5 million from Recycled Water Enterprise and \$15 million from the Potable Water Enterprise for the Pure Water Project Las Virgenes-Triunfo.

More recently, at a Board workshop on April 12, 2023, staff reviewed the following new expenditure items that were proposed using existing resources for Fiscal Year 2023-24:

- Insurance premium Increases
- Legislative Program Manager cost
- Allocation from increase in JPA operating costs
- Source of supply adjustment for Las Virgenes Reservoir
- School education programs
- Landscape Transformation Program

Capital Improvement Program Expenses:

Staff proposes the reallocation of funds based on updated project priorities with no proposed changes to the overall approved plan of \$29.8 million.

Overall Summary:

The draft budget for Fiscal Year 2023-24 includes \$95.9 million, an increase of \$14.7 million (or 18.2%) over the adopted Fiscal Year 2022-23 Budget. Of the total amount, planned operating expenses are \$64.8 million, an increase of \$5.9 million (or 10%) over the adopted Fiscal Year 2022-23 Budget. The draft budget for Fiscal Year 2023-24 also included a total of \$29.8 million in capital improvement project expenditures. There are no significant changes to the overall dollar amount of the Fiscal Year 2023-24 approved plan.

GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Debbie Rosales, Financial Analyst II

ATTACHMENTS:

[Proposed Mid-cycle Adjustments for Fiscal Year 2023-24](#)

TWO-YEAR BUDGET FY 2023/24 BUDGET ADDENDUM



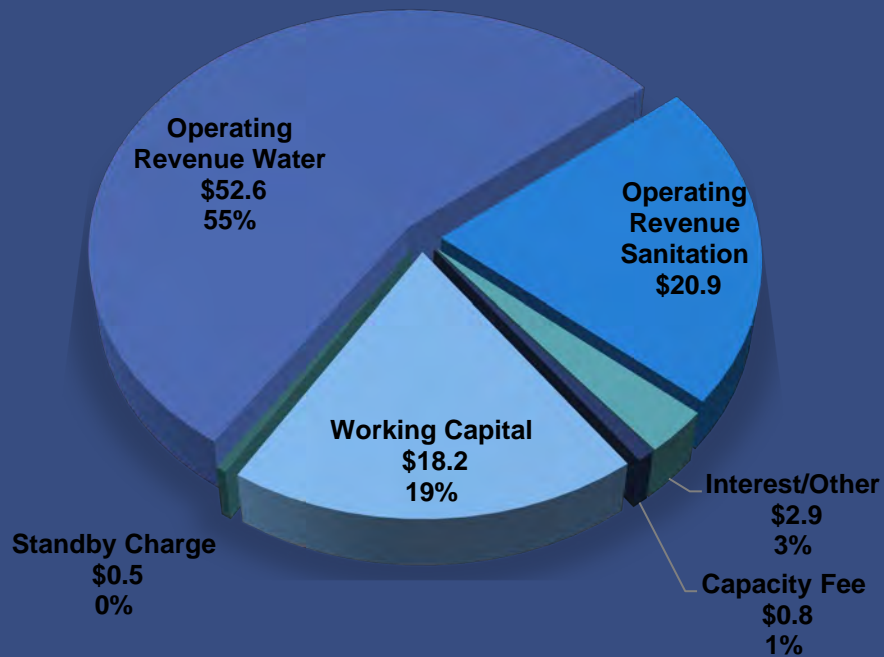
FY 2023/24 Budget

- Second of a two-year budget
- No Changes from approved Fiscal Year 2022-24 Budget Plan

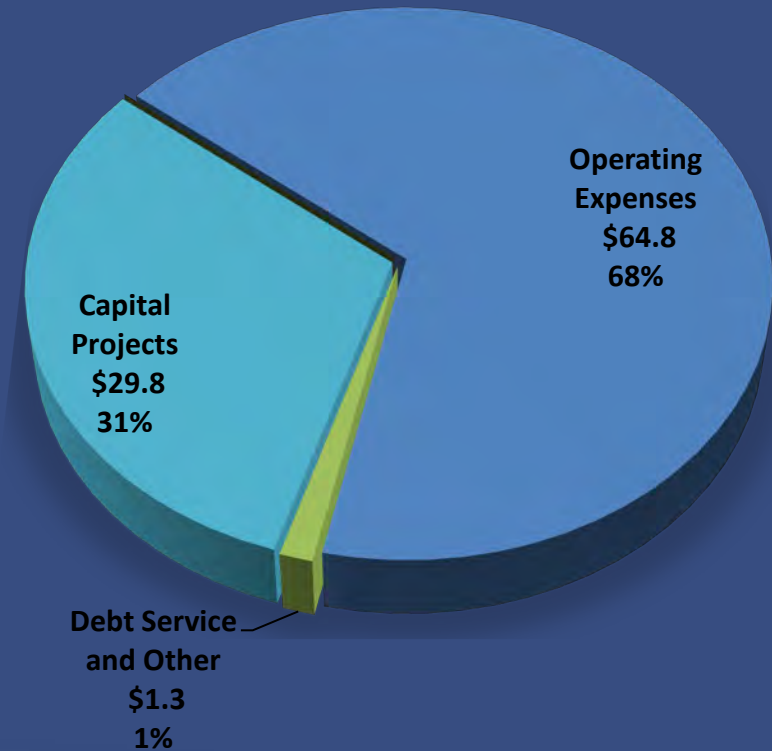


Fiscal Year 2023-24 Sources / Uses of Funds

Sources of Funds
\$95.9 million



Use of Funds
\$95.9 million



Summary of Significant Changes

Board Approved Increases

Insurance Premiums	\$ 174,161
Legislative Program Mgr	272,168
Allocation from Increase in JPA Operating Costs	<u>245,730</u>
	692,059

Proposed Adjustments

Source of Supply WLR Adjustment	(700,000)
School Education Programs	100,000
Landscape Transformation Program	<u>444,000</u>
	\$ (156,000)

Reallocation of Resources \$ 536,069

Net Increase/Decrease \$ ---



Summary of Significant Changes - CIP

	<u>Budget Plan</u>	<u>Proposed</u>	<u>Adjustments</u>
Potable Water			
Building #1 Improvements	\$ 673,300	\$ 673,300	\$ -
WL Top of Dam Road Repair	\$ -	\$ 79,200	\$ 79,200
Analyzers on District tanks.	\$ -	\$ 66,000	\$ 66,000
New mixing systems for three or four distribution tanks.	\$ -	\$ 132,000	\$ 132,000
Operations Tool Budget	\$ -	\$ 6,600	\$ 6,600
Chlorination Trailer/Skid Package for Distribution Tanks Disinfection	\$ -	\$ 303,600	\$ 303,600
Pressure STA#2 (Old Chimney) Rehab	\$ 295,139	\$ 390,739	\$ 95,600
WSTLKE Reservoir Water Quality Equi	\$ 355,000	\$ 55,000	\$ (300,000)
Cornell Pump Station Upgrades	\$ 4,377,890	\$ 4,377,890	\$ -
Building 8 Office Space Rehab	\$ 483,000	\$ 100,000	\$ (383,000)
WTR TNK REHAB-JED SMITH / DARDENNE	\$ 2,001,767	\$ 2,001,767	\$ -
	\$ 8,186,096	\$ 8,186,096	\$ -

	<u>Budget Plan</u>	<u>Proposed</u>	<u>Adjustments</u>
Sanitation (LV Share only)			
RW Pump Station Battery Energy Storage	\$ 975,657	\$ -	\$ (975,657)
RW Pump Station Offset	\$ (826,020)	\$ -	\$ 826,020
Tapia Effluent Pump Station Rehab	\$ 3,898,885	\$ 2,560,217	\$ (1,338,668)
Tapia Aluminum Sulfate Tank Replacement	\$ 855,672	\$ 200,460	\$ (655,212)
Malibou Lake Siphon	\$ 943,922	\$ 2,119,412	\$ 1,175,490
Tapia Flood Wall Improvements	\$ -	\$ 139,788	\$ 139,788
Hach Equipment Replacement	\$ -	\$ 587,745	\$ 587,745
Centrifuge Rebuild	\$ -	\$ 165,940	\$ 165,940
RW Reservoir #2 Storm Repairs and Inflow Problems	\$ -	\$ 74,554	\$ 74,554
	\$ 5,848,116	\$ 5,848,117	\$ -



Recommendation

- Provide feedback on Fiscal Year 2023-24 draft budget.





DATE: May 2, 2023
TO: Board of Directors
FROM: Finance and Administration

SUBJECT: Telephone System Upgrade and Implementation: Approval

SUMMARY:

The District's provider for its office phone hardware and related software system, Mitel, has announced the "end-of-life" dates for its products. The system currently used by the District will no longer be supported beyond June 30, 2026. Additionally, as with the constant evolution of the relationship and interactions between the District and its customers, it has become apparent to staff that the implementation of modern, scalable telecommunication tools is a vital component to enhance the customer experience.

From December 2022 to February 2023, staff reviewed and obtained demonstrations from leading providers of cloud-based Unified Communications as a Service (UCaaS) platforms. Based on an evaluation of the available platforms and the District's operational needs, staff recommends authorization to execute a three-year agreement with RingCentral, Inc., in the amount of \$127,312.52 plus applicable taxes, for implementation of a Unified Communications as a Service platform for the office telephone system.

RECOMMENDATION(S):

Authorize the General Manager to execute a three-year agreement with RingCentral, Inc., in the amount of \$127,312.52 plus applicable taxes, for implementation of a Unified Communications as a Service platform for the office telephone system.

FISCAL IMPACT:

Yes

ITEM BUDGETED:

Yes

FINANCIAL IMPACT:

The total cost for a three-year term is \$127,312.52 plus applicable taxes, including a 10%

contingency for UCaaS provisioning, licensing and support. Sufficient funds for this purpose are available in the adopted Fiscal Year 2022-23 Budget and will be recommended in future fiscal year budgets. The District currently spends an average of \$30,700 annually on the existing Mitel desk phone system hardware, software and support. Implementing the RingCentral system would eliminate the on-going need for the Mitel system. As a result, the total net three-year cost to the District of the new system is \$35,212.52, as shown below.

<u>Service Description</u>	<u>Quote</u>	<u>w/10% Contingency</u>	<u>Current System</u>	<u>Net Cost</u>
Year 1 plus One-Time Charges/Credits	\$34,745.85	\$38,220.44	\$30,700.00	\$7,520.44
Year 2 - RingCentral	\$40,496.40	\$44,546.04	\$30,700.00	\$13,846.04
Year 3 - RingCentral	\$40,496.40	\$44,546.04	\$30,700.00	\$13,846.04
Three-Year Cost	\$115,738.65	\$127,312.52	\$92,100.00	\$35,212.52

DISCUSSION:

During the COVID-19 pandemic and drought emergency, demands on the District’s phone system changed significantly with remote work and increased call volume. While exploring options available to update and improve the phone system, it became apparent to staff that the implementation of modern, scalable telecommunication tools is a vital component to enhance the customer experience.

The District’s current provider for office phone hardware and related software system, Mitel, announced "end-of-life" dates for the District’s current phone system. New systems sales ended in January 2022, while work on new software design ended in January 2023. The end of technical support and overall end of life for the product is scheduled for June 30, 2026. With the discontinuation of the District’s current phone system, only limited updates can be made to address the changing demands on the system.

Advancements in telecommunications technology provides customers with multiple new avenues to interact with staff. Customers have become accustomed to engaging with businesses via a variety of channels including voice, email, messaging and social media when it is convenient. When customer call volumes spike, the District’s contact center needs to be able to adjust accordingly and quickly. Scaling operations quickly to accommodate demand requires that transitions occur smoothly between applications and that devices give customer service representatives the agility to pivot as quickly.

From December 2022 to February 2023, staff reviewed and obtained demonstrations and quotes from leading providers of cloud-based Unified Communications as a Service (UCaaS) platforms. During the evaluation period, staff identified the RingCentral system as one that meets the District’s operational needs and learned that it is also a participating supplier through the OMNIA Partners Cooperative Agreement to which the District is a participating agency. Use of cooperative agreements or “piggybacking” is allowed by the District’s Purchasing Policy.

Staff obtained and reviewed copies of the original request for proposals, scoring award information for RingCentral's solution to serve the Region 4 Education Service Center (ESC) – Contract Number R200902. The selection process and award meet the District's requirements for a cooperative purchase. The contract was effective on October 1, 2020, and is valid through September 30, 2023 with an option to renew for two additional one-year periods through September 30, 2025. From staff's discussions with Region 4 ESC, the contract options are expected to be exercised as Region 4 ESC is satisfied with the level of service. Staff recommends proceeding with a cooperative purchase based on the contract terms that were competitively bid and awarded by Region 4 ESC.

Cooperative purchasing or "piggybacking" on an existing contract would provide the District with both cost- and time-savings associated with eliminating the need for a formal Request for Proposals (site walk, committee review, etc.), while ensuring the contract pricing remains competitive with the current market and providing a known level of service.

With the upgraded platform, the District will benefit from features that include, but are not necessarily limited to, cloud-based infrastructure, contact center voice and recording operations, central application management interface, voicemail to text transcription and enhanced reporting.

GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Ivo Nkwenji, Information Systems Manager

ATTACHMENTS:

[Contact Center Services](#)

[Contact Center Scope of Work](#)

[Initial Order Form](#)

[OMNIA Partners Contract Information](#)



INITIAL ORDER FORM - CONTACT CENTER SERVICES

This Initial Order Form is a binding agreement between RingCentral, Inc. (“**RingCentral**”) and **Las Virgenes Municipal Water District**(“**Customer**”or“**You**”) (together the “**Parties**”), for the purchase of the Contact Center Services, licenses, and products listed herein, and as further described in the Contact Center Services Attachment attached hereto. This Initial Order Form is subject to the terms and conditions specified in the applicable Agreement between the Parties. Capitalized terms not defined herein shall have the same meanings as set forth in the applicable Agreement between the Parties. Any Special Terms and Notes added by Appendices or any other Appendices attached to this Initial Order Form are incorporated and made a part of this Initial Order Form.

Customer

Las Virgenes Municipal Water District

4232 Las Virgenes Rd.

Calabasas, CA 91302

United States

Don Patterson

(818) 251-2133

dpatterson@lvmwd.com

Customer UID

Service Provider

RingCentral, Inc.

20 Davis Drive

Belmont, CA 94002

United States

Service Commitment Period

Start Date:03/17/2023

Initial Term: Cotermious with the Initial Term of your RingCentral MVP Services

Renewal Term: Cotermious with the Renewal Term of your RingCentral MVP Services

Payment Schedule:Monthly



RingCentral Inc., 20 Davis Drive, Belmont, CA 94002, United States

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RingCentral Contact Center Services

Recurring Services			
Summary of Service	Qty	Rate	Subtotal
Contact Center: Standard Edition Seat (3 ports)	10	\$70.00	\$700.00
Monthly Recurring Services*			\$700.00

Total Initial Amount	\$700.00
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*Amounts are exclusive of applicable Taxes.

Credit

Customer will be entitled to receive a one-time credit in the amount of \$2,649.75. This credit will be applied against charges for the recurring Services set forth in this Order Form , (and any taxes and fees associated with those Services), included in future invoices issued by RingCentral to Customer for the recurring Services included in this Order Form until the total amount of the credit is used. The Customer will be responsible to pay for any additional services and products, including without limitation, additional lines and extensions, seats, licenses, one-time services, usage base fees and bundles, IP devices, and their associated taxes and fees. This credit is non-transferable and non-refundable and any unused credit amount will expire upon the earlier of: 1) termination of this Order Form; or 2) at the end of the monthly billing cycle in which any Seats and/or applicable licenses are activated on Your Account in a production environment (except when such Seats and/or applicable licenses are activated solely for use by RingCentral or its subcontractors for the configuration and implementation of Your Contact Center Services).

IN WITNESS WHEREOF, the Parties have executed this Initial Order Form above through their duly authorized representatives.

Customer

Las Virgenes Municipal Water District

By: _____

RingCentral

RingCentral, Inc.

By: _____




RingCentral Inc., 20 Davis Drive, Belmont, CA 94002, United States

Name: _____
Title: _____
Date: _____

Name: _____
Title: VP, Enterprise Sales
Rich O'Dea
Date: _____



ATTACHMENT A
RINGCENTRAL CONTACT CENTER SERVICES - OVERAGE RATES

Service	Rate
Contact Center: Active Storage (per GB for Named-User) Overage	\$1.00
Contact Center: Active Storage (per GB) Overage	\$1.00
Contact Center: Automated Speech Recognition (per Minute) Overage	\$0.06
Contact Center: Long Term Storage (per GB) Overage	\$0.10
Contact Center: Monthly Long-term Storage Retrieval (per GB)	\$1.38
Domestic Minutes Overage	\$0.017
Port Overage	\$75.00
Professional Services OnDemand (per 15-minute block)	\$75.00
Seat Overage	\$90.00



RingCentral Inc., 20 Davis Drive, Belmont, CA 94002, United States

SERVICE ATTACHMENT – RINGCENTRAL CONTACT CENTER SERVICES

This Service Attachment is a part of the Master Services Agreement (the “**Agreement**”) that includes the terms and conditions agreed by the Parties under which RingCentral will provide to the Customer the RingCentral Contact Center Services as described under the applicable Order Form.

In the event of any conflict between the provisions of the Agreement and the provisions of this Service Attachment, such provisions of this Service Attachment will prevail.

1. Service Overview

“**RingCentral Contact Center Services**” is a contact center solution consisting of inbound and outbound media routing, queuing, and distribution, and related services, applications, and features, whether included as part of a Subscription Package or ordered separately.

2. Billing and Payment

A. Billing

Starting at the Start Date set forth in the Order Form and until the end of the Term, You agree to pay for: a) the Contact Center Services fees for at least the number of Seats set forth in the Contact Center Services Order (as amended as permitted below) (a “CC Contract Seat”) based on the per Seat pricing set forth in the Contact Center Services Order (the “CC Contract Seat Price”), as amended from time to time, regardless of the number of Seats being used; b) the fees for the number of licenses set forth in the Contact Center Services Order; any additional fees set forth in the Contact Center Order form; and c) Usage, including overages related to data storage, ports or minutes (e.g. local, long-distance, international, and toll-free) charges, and any other applicable charges.

B. Adding New Contact Center Contract Seats

You may add CC Contract Seats at any time either through a new Contact Center Services Order or a written amendment executed by You and RingCentral. The Contact Center Services fees related to these additional CC Contract Seats will be billed at the per Seat price set forth in the Contact Center Order form. For the avoidance of doubt, You will be required to pay for Contact Center Services fees related to these additional CC Contract Seats until the end of the Term.



C. Adding On-Demand Contact Center Seats

At any time, You may utilize additional Seats with your Contact Center Services on an as-needed basis (each, an “**On-Demand CC Seat**”). You will be billed for any Contact Center Services at the rate of the CC Contract Seat Price plus twenty dollars (\$20) per month per Seat (the “**On-Demand CC Price**”) until You remove this On-Demand CC Seat from Your Contact Center Services subscription (which You may do at any time in your discretion). Contact Center Services fees for any On-Demand CC Seats will be charged for the full month, regardless of the number of days used. For each monthly billing period, You will be charged for the highest number of On-Demand CC Seats used within such billing period.

3. Contact Center Services, Settings, and Modifications

The settings and preferences for your Contact Center Services, including without limitation user rights, user skills, and permissions; routing, points of contact, scripts; registration Information; and activation of On-Demand CC Seats, among others, may be set and modified by those individuals whom You allow to have access to the web console (“Account Administrators”). The Customer acknowledges that the acts or omissions of the Account Administrators may result in additional charges or affect the Contact Center Services. The Customer will be solely responsible for the acts or omissions and the impact on billable amounts of the Account Administrators.

4. Use of Contact Center Services

You acknowledge and agree that all use of the Contact Center Services shall be subject to this Service Attachment and the Agreement, including without limitation the use policies and data privacy policies in Sections 5 and 9. You acknowledge and agree that You are fully responsible and liable for all use of the Contact Center Services, any software or hardware used in conjunction with the Contact Center Services, and any and all fees and charges that are incurred as a result of such use. Notwithstanding anything to the contrary stated in the Agreement, the use of the Contact Center Services shall be subject to the following terms:

a. NO 911 SERVICE. YOU ACKNOWLEDGE AND AGREE THAT 911 / EMERGENCY CALLS OR MESSAGES MAY NOT BE PLACED OR SENT THROUGH THE CONTACT CENTER SERVICES, AND NO 911 CALLING OR SMS OR OTHER MESSAGING SERVICE IS OFFERED OR PROVIDED WITH THE CONTACT CENTER SERVICES. YOU MUST MAKE AVAILABLE ALTERNATIVE ARRANGEMENTS TO PLACE 911 CALLS.

b. Customer 911 Notification Obligations. You represent, warrant, and covenant that: (i) You shall ensure that any person who might use the Contact Center Services or be



present at the physical location where any the Contact Center Services might be accessed or used is fully informed and aware that he or she will not be able to place calls or send messages to 911 or other emergency response services through the Contact Center Services; and (ii) You shall provide all of the foregoing parties with an alternate method by which to place such calls and, as applicable, to send such messages.

5. Custom Storage Election

Customer may elect to include Custom Storage as part of their Contact Center Services, enabling Customer to store media files in their own S3 Bucket instead of the default Cloud Storage Bucket.

Custom Storage is subject to these limitations and conditions:

- These conditions apply at the Business Unit level with no tailored permissions applied to individuals or groups
- All recordings must be played directly on the RingCentral Contact Center platform
- A minimum of one RingCentral Contact Center Seat license must be retained at all times to access and play recordings from the S3 Bucket
- Files cannot be played directly from S3 Bucket
- There is no bulk export option for any recordings from S3 Bucket
- There are no custom file naming conventions
- All files are encrypted within the client provided S3 Bucket
- There is no error checking between RingCentral Contact Center and Amazon S3
- There is no defined timetable for Time to Live (TTL) at this time
- There is no migration of recordings from previous storage solutions to Custom Storage
- Encrypted files cannot be moved to another S3 Bucket
- Changes made to the S3 Bucket will disable the ability to listen to recordings through RingCentral Contact Center platform
- Custom Storage is deployable via template method only, and deviation from the deployed template is not supported. This includes, but is not limited to:
 - Changing security profile and settings
 - Changing any coding to target different Buckets
 - Changing of any file names (this may be redundant).

6. Definitions

Terms used herein but not otherwise defined have the meanings ascribed to them in the Agreement. For purposes of this Service Attachment, the following terms have the meanings set forth below:



RingCentral Inc., 20 Davis Drive, Belmont, CA 94002, United States

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- A. **“Cloud Storage”** means storage of data or call recordings within the RingCentral Contact Center Platform, or a RingCentral Contact Center Internal File Transfer Protocol server. Recordings may then be accessed through the RingCentral Contact Center Platform, and Time to Live may be set up to delete recordings after a certain amount of days.
- B. **“Contact Center Materials”** means documentation, either electronic or otherwise, that RingCentral provides or makes available to the Customer describing the Contact Center Services, including the components of each Subscription Package, if applicable, and any other features and functionality offered as part of the Contact Center Services. The Contact Center Materials may include without limitation manuals, product descriptions, user or installation instructions, diagrams, printouts, listings, flowcharts and training materials related to the Contact Center Services.
- C. **“Contact Center Services Order”** is an Order form executed by the Parties under the terms of the Agreement and this Service Attachment, setting out the details of the subscription to the Contact Center Services, including any Subscription Package, and any additional products, services and functionality purchased by the Customer
- D. **“Custom Storage”** means a public cloud storage resource available through a third-party provider, in which Customer data will be stored in an S3 Bucket.
- E. **“S3 Bucket”** means a series of file folders used to store objects consisting of data and its descriptive metadata.
- F. **“Seat”** means a license for a single named person or concurrent users that use the Contact Center Services
- G. **“Subscription Package”** is a set of Contact Center Services features and applications, as further defined in the Contact Center Materials, that could be ordered as a bundle.
- H. **“Usage”** means any charges incurred in connection with the use of Your Contact Center Services, including, without limitation, local, long-distance, international, and toll-free minutes, charges, ports, and any products listed on the Contact Center Service Order Form.

**RingCentral Professional Services
Statement of Work for Implementation Services**

This RingCentral Professional Services Statement of Work for Professional Services (this “**SOW**”) is executed by RingCentral, Inc. (“**RingCentral**”), and **Las Virgenes Municipal Water District** (the “**Customer**”) pursuant to, and is subject to, the RingCentral PS Agreement executed by Customer and RingCentral on or about _____, ____ (the “**PS Agreement**”). Capitalized terms used in this SOW but not otherwise defined shall have the respective meanings given to them in the PS Agreement.

Customer:	Las Virgenes Municipal Water District
Quote / SOW Number:	C2022-02672769
Labor Cost:	\$7,200.00 USD

	Scope of the Phase	Value	Completion Criteria
Phase 1	Contact Center Express <ul style="list-style-type: none"> • Priority BU Creation • Core Express Base 	\$3,900.00 (Plus all applicable taxes and expenses)	Completion of Professional Services described in this SOW
Phase 2	Audio Recording Implementation	\$3,300.00 (Plus all applicable taxes and expenses)	Completion of Professional Services described in this SOW

Project Timeline: Phase 1 completion of 30 days following RingCentral resource assignment. Deviation from scope included in this SOW is not permitted in this offering and will result in converting to full implementation and shifting to RingCentral standard delivery timelines and services fees

- Customer must complete phase 1 Express build before starting any follow-up phases
- Completion of phase 1 includes the following steps:
 - Complete Contact Center ACD design;
 - Build of the core scripting by RingCentral Professional Services;
 - Completion of QA and UAT;
 - Acceptance and sign-off of the phase 1 design and build
- Delays caused by the Customer, third parties, or other factors outside of the control of RingCentral are subject to additional charges via executed Change Request following written notification of potential delays and additional charges.
- Porting of numbers to RingCentral is not guaranteed as part of the estimated completion date and may be completed after estimated go live date, with no impact to Customer project closure, acceptance, and invoicing.
- Should RingCentral complete the work before estimated completion duration, upon Customer’s written acceptance of the work, the project will be deemed complete.

The following activities shall be performed as part of this Statement of Work and in accordance to the PS Agreement:

1. General

1.1. Assignment of a designated Project Manager (“PM”) and Implementation Manager (“IM”) –

RingCentral will assign a PM to act as Single Point of Contact (SPOC) for data collection and build of the contact center with the Customer. Customer is responsible to assign a Single Point of Contact (SPOC) to facilitate data collection on the Customer side and interact with the RingCentral PM and IM to remain on task to deliver the project on time and in scope

1.2. RingCentral Planning and Design (“P&D”) and Business Requirements Document (“BRD”) collection

- i. RingCentral will provide the Customer with a data collection document to collect all necessary Customer information to successfully build the Customer contact center
- ii. The IM will present the data collection form remotely for Customer review and provide support to the Customer for up to two (2) hours to fill out the BRD document in its entirety
 - a. Additional hours required to complete data collection are available to the Customer via Change Request
- iii. Information required for the Customer to provide during a Standard Build data collection includes:
 - a. Customer Site information;
 - b. User contact information;
 - c. Up to 10 named agents;
 - d. Up to 20 skills / queues and associated teams;
 - e. Up to 20 Points of Contact (POC);
 - POC can include a mix of phone number, email address, or chat URL as defined in the design stage of the project
 - f. Disposition requirements (up to 20);
 - g. Unavailable code requirements (up to 20);
 - h. Personal queue requirements (up to 10);
 - i. Any/all other relevant information to fully understand the Customer Contact Center end state
- iv. Information not required for data collection includes:
 - a. API integration or web services look-up / integration with Customer CRM is not available in this package
- v. Any items deemed outside standard delivery requirements may result in additional fees via executed Change Order

2. RingCentral Contact Center

2.1. RingCentral Planning and Design (“P&D”) and Business Requirements Document (“BRD”) review

- i. The parties will work on the Planning and Design Process and will prepare the Business Requirements Document as set forth in Section 1 of this SOW.

2.2. Network Readiness Assessment

- i. RingCentral will provide the Customer with one (1) assessment of the Customer's primary Internet Service Provider (ISP) connection to and from RingCentral. This connection will be at the Customer's firewall (edge).
- ii. RingCentral's Network Engineer will provide the following:
 - a. RingCentral Network Requirements Documentation;
 - b. Satellite installation guide;
 - c. Assistance with satellite installation;
 - d. Document and share results of network assessment for Customer reference;
- iii. Site assessments not completed prior to Go-Live will result in the forfeiture of the assessment for this project.
- iv. Additional network assessments or consultations are available to the Customer via an executed Change Order and will result in additional fees
 - a. This may include additional ISP links or sites.

2.3. Configuration of RingCentral MVP (MVP) Extensions

- i. Configuration of RingCentral MVP extensions for agent leg termination only in support of up to 10 agent stations;
 - a. Configuration is limited to MVP initialization for agent talk path only
 - b. Not included in MVP level of effort:
 - Locations
 - Unique MVP call flows
 - Call queue and ring groups in MVP
 - Custom rolls
 - Templates
 - RingCentral Meetings / RingCentral Video
 - RingCentral GLIP
- ii. Additional services for MVP configuration by RingCentral Professional Services are available via change request at an additional charge to support as requested
- iii. Self-paced training curriculum for administration of MVP is available to the Customer on RingCentral University as part of this SOW
 - a. Instructor led training required as part of this SOW is available to the Customer via executed change order at an additional charge

2.4. Implementation– This remote stage will provide a build-out of the following features and applications as defined in the mutually executed BRD captured in section 1

- i. Core studio scripting and Central administration
 - a. Administration of up to **10** named Customer agents;
 - Administration and assignment of locations and stations for configured agents;
 - Configuration of virtual extensions in RingCentral office for agent leg termination;
 - Configuration of up to 10 personal queues for configured named agents;
 - b. Administration and assignment of security and agent profiles;
 - c. Administration and assignment of up to twenty (20) skills / queues and associated teams;

- d. Administration of up to twenty (20) disposition codes;
- e. Administration of up to twenty (20) unavailable codes;
- f. Administration of up to twenty (20) points of contact (POC);
- g. Configuration of up to one (1) inbound call flows with multi-level menu offering of up to five (5) DTMF options before queue to agent
 - Configuration of up to twenty (20) total skills / queues across all media times
- h. Configuration of up to two (2) types of call handling flows when in queue for an agent
 - Configuration of audio recording on call flows designated by the Customer;
 - Configuration of Callback in Queue feature and integrate into Studio scripting as designed during the BRD session;
 - Configuration of average wait time or place in queue as designed during the BRD session;
 - Configuration of Contact Center Voicemail and integrate into Studio scripting as designed during the BRD session;
- i. Configuration of up to two (2) Hours of Operation profiles to support the Contact Center
- ii. Configuration of any combination of the following additional Customer requested contact channels as designed during the BRD session:
 - a. Email agent integration
 - Standard email integration to contact center
 - Build scripting logic to intelligently route emails to best available agents
 - 1. Up to five (5) auto responses / quick replies included
 - b. Additional customization is available to the Customer via change request at an additional charge
 - c. Web chat integration is not available in the base Express package, but is available via change request at an additional charge
- iii. Configuration of menus and scripting in English
 - a. Text to speech menu configuration included for English
 - b. Customer is responsible for menu and prompt recordings (as necessary)
 - c. RingCentral voice talent is available for recordings at an additional cost
 - d. Configuration of menus in additional languages is available to the Customer via change request at an additional charge
- iv. Native reporting functionality for the Contact Center agents and supervisors
 - a. Custom report creation is not included in this proposal
- v. Full time call recording for all inbound and outbound calls through RingCentral Contact Center
 - a. RingCentral Contact Center licenses include recording storage per license, per month as part of the service.
 - b. Additional on-board and long-term storage options are available.
 - c. If Customer exceeds the allotted recording storage, Customer shall be charged for the overage recording storage at a rate specified in the relevant Contact Center Order Form.
 - d. Long term recording storage is configured at default for 30 days of storage as part of this implementation unless otherwise requested and documented by the Customer in project documentation
- vi. Single instance of remote go live support for up to 10 agents.

- a. On-site training and go live support are not available to the Customer in this package
- b. Additional go live instances are available via change request at an additional charge

3. Enablement and Onboarding Services

3.1. RingCentral Contact Center Product Training

- i. RingCentral Contact Center: Admin Basics - Up to One (1) session of remote training
 - a. Description: This course will introduce attendees to the admin interface for managing employees and routing (ACD), and using the Dashboard and Supervisor views
 - b. Duration: 1 hour, 50 minutes
- ii. RingCentral Contact Center: Reports Basics - Up to One (1) session of remote training
 - a. Description: This course is an introduction to historical reports focusing on the most useful pre-built options for viewing online or receiving in email based on a schedule.
 - b. Duration: 50 minutes
 - c. Prerequisites: RingCentral Contact Center: Admin Basics
- iii. RingCentral Contact Center: Agent Basics - Up to One (1) session of remote training
 - a. Description: This course will be an introduction to handling contacts in the agent interface
 - b. Duration: 50 minutes

3.2. RingCentral Contact Center Product Training Information and Terms

- i. Unless otherwise stated in a separate document, these training services cover the complete implementation project and are not provided for each phase of the implementation.
- ii. Customer and RingCentral agree that sign-off for project completion shall not be withheld by Customer for delays in the delivery of training services.
- iii. Attendees must complete prerequisites for each course, as shown in the course information on the Instructor-led Training Catalog.
- iv. Substitution courses of the same duration may be available upon written request.
- v. For a list of instructor-led training courses offered, and detailed course descriptions, review the Live Training Catalog at university.ringcentral.com.
- vi. Online training at RingCentral University is included at no additional cost on university.ringcentral.com.
- vii. Training courses cover RingCentral products exclusively and are based on a standard curriculum designed by RingCentral.
- viii. Custom training, custom documentation, and custom videos are not included.
- ix. Additional training sessions are available at an additional charge.
 - x. All training sessions are delivered remotely, unless otherwise stated.
 - xi. Training sessions are hosted by a RingCentral training resource on a RingCentral platform.
 - xii. Training sessions are considered delivered if Customer cancels less than 24 hours prior to the scheduled training or does not show up to the training session at the scheduled date and time.
 - xiii. All training courses are delivered in the English language, unless otherwise stated.

3.3. Migration Services

- i. Single instance of up to four (4) hours of remote go live support for Customer agents
 - a. Additional days of on-site training are available to the Customer via change request at an additional charge

- b. Additional instances of go live support are available to the Customer via change request at an additional charge
- ii. Porting services for phone numbers associated with this user group as outlined in Customer's Telephone Number Porting in this SOW

4. Exclusions

4.1. API Integration to Customer CRM or Database is not included in this offering

- i. Additional scoping is required to include API integration to Customer provided database or CRM for screen pop or data dip
- ii. API integration is available to the Customer via change request at an additional charge

4.2. Pulse configuration by Professional Services is not included in this offering

- i. Configuration of Pulse by RingCentral Professional Services is not included in this statement of work, but is available for configuration by the Customer via self-paced enablement training
 - a. RingCentral Pulse for Contact Center empowers you to monitor important metrics with real-time alerts and notifications
 - b. Self-paced enablement training is available on RingCentral University - <https://support.ringcentral.com/knowledge.html>
 - Customer can use the recordings to complete the following:
 1. Set up Pulse;
 2. Enable Custom Alerts;
 3. Enable Pre-defined Alerts;
 4. Manage Alerts in Pulse;
 5. Viewing Alerts from Pulse
 - c. Configuration of Pulse on the Customer's behalf is available to the Customer via change request at an additional charge

5. Advanced Recording Pro

- i. Implementation and training of Advanced Screen Recording
- ii. Implementation includes:
 - a. Review and initial configuration of Recording Policies tool
 - b. Review of Interaction Search features including voice and screen (where applicable)
 - c. Application installation overview

6. Customer Responsibilities – The Customer is responsible for aspects not specifically included in this Statement of Work. Out of scope items include:

- i. Collection of call flow, team, agent, data prior to project kickoff;
- ii. Completion of data collection prior to project kickoff and two (2) hour BRD session;
- iii. The Customers LAN/WAN infrastructure;
- iv. Network minimum requirements for RingCentral as a Service model;
 - a. Quality of Service (QoS) configuration;
 - b. Firewall or Access Control List (ACL) configuration;
 - c. Power over Ethernet (POE) port activation / configuration;
- v. User Acceptance Testing (UAT)
 - a. Completing Customer journey mapping for UAT;

- b. Providing resource(s) to complete training prior to start of UAT;
 - c. Providing resources to complete UAT in a timely manner;
 - d. Completion of thorough User Acceptance Testing (UAT) prior to go live;
- vi. Internal communications to the user population regarding changes and impact to include, but not limited to:
 - a. Timing communication for training, testing, go live;
 - b. Organizational updates and readiness;
 - c. Login / access updates;
 - d. Impact and change documentations, etc.
- vii. Tracking resource attendance and completion of all provided training session(s);
- viii. Providing contact center data to RingCentral resources in a timely and accurate manner to achieve the project timeline;
- ix. Authorizing Telephone Number Porting;
- x. Configuration and software installation on Customer PCs;

7. Handoff Testing

7.1. System Integration Testing (SIT)

- i. RingCentral will complete System Integration Testing (SIT) following final configuration of Contact Center prior to handoff to the Customer to start User Acceptance Testing (UAT);

7.2. UAT Assumptions

- i. During UAT, the Customer will designate users to complete application testing in mock real-world scenarios to validate the RingCentral build matches the agreed signed Business Requirements Document (BRD);
- ii. Customer will define the UAT scenarios or stories by phase and the mutually agreed criteria is recorded as an Appendix in the BRD prior to mutual execution as the document of record;
 - a. If UAT scenarios are not specified by the Customer, then work is deemed accepted and ready for go live upon notice from RingCentral that the work is complete and ready for testing;
- iii. Customer resources participating in UAT must complete all pre-recorded online training sessions for agent, supervisor, and/or admin related to their job role prior to starting UAT;
 - a. RingCentral Implementation Engineer may provide up to one (1) hour of additional guided training to UAT participants, as requested by the Customer, specific to the test criteria;
- iv. The outcome of all UAT scenarios are documented by the Customer in a written format and provided to RingCentral at completion of testing;
 - a. Any variation in expected results (errors, flaws, failures, adjustments) are provided in writing to the RingCentral Project Manager for review and resolution;
 - b. RingCentral will provide an expected variation resolution date and submit back to the Customer for additional testing;
- v. Upon completion of all UAT scenarios, the Customer will submit final written completion of testing to RingCentral prior to scheduling go live;
 - a. RingCentral will append the BRD to include completed UAT criteria in the final published BRD;

7.3. UAT Constraints

- i. The Customer and RingCentral will enact a mutual software / code freeze prior to start of SIT and UAT;
- ii. Customer shall perform UAT within seven (7) calendar days of application handoff from RingCentral for any Deliverables, unless otherwise mutually agreed by the parties considering the nature or scope of the Deliverable in writing prior to start of testing;
- iii. Any Customer changes in software or code following written UAT completion resulting in new application behaviors may result in additional charges to the Customer via Change Request for troubleshooting and issue resolution;
- iv. Additional days of UAT support are available to the Customer via Change Request at an additional charge

7.4. Project and Phase Acceptance

- i. Final phase and project acceptance subject to terms and conditions in RingCentral MSA

8. Hours of Operation - Standard Service Hours

- i. Unless otherwise specified, pricing assumes that Services will be performed between 8:00 AM to 5:00 PM local site time, Monday-Friday, excluding holidays (“Standard Service Hours”)
- ii. Work requested and performed outside Standard Services Hours will be subject to overtime charges via executed Change Order

9. Customer’s Telephone Number Porting

- i. The Customer is responsible for authorizing the telephone number porting by RingCentral
- ii. RingCentral shall provide guidance on porting data collection and shall assist with submission of porting request(s)
- iii. Customer and RingCentral agree that RingCentral is not responsible for the portability of any individual number or group of numbers and the sign-off the Professional Services Project Completion Signoff Document shall not be withheld by Customer for delays in the porting of the numbers
- iv. Notwithstanding the above, the RingCentral Project Manager, upon Customer request, shall assist the Customer with this responsibility by performing the following tasks for each site or migration / go live event:
 - a. The RingCentral Project Manager shall assist the Customer with the initial submission of port requests and shall assist in up to three (3) rejections/resubmissions per location or ninety (90) days from submission, whichever occurs first;
 - Any additional port rejections will be the responsibility of the Customer;
 - Customer shall provide RingCentral all appropriate Letters of Authorization (“LOA”s), billing information, and authorized signer for each location;
 - Porting submissions will include numbers mapped to correct route as “company” numbers or Direct Dial phone numbers;
 - b. The RingCentral Project Manager shall assist the Customer with all porting requests up to sixty (60) days following the final migration / go live event, unless otherwise mutually agreed between the parties
 - RingCentral will provide the Customer with an overview of the RingCentral portal for porting tasks

- Following sixty (60) day term, Customer is responsible for all porting tasks within the RingCentral portal
 - Customer may elect to extend Professional Services support for future porting activities beyond the sixty (60) day term via executed change order at an additional charge
- c. Porting outside of project follows RingCentral Numbering Policy
- <https://www.ringcentral.com/legal/policies/numbering-policy.html>

10. Delays and Changes

- i. Changes to this SOW shall be made only in a mutually executed written change order between RingCentral and Customer (a “**Change Order**,”) outlining the requested change and the effect of such change on the Services, including without limitation the fees and the timeline as determined by mutual agreement of both parties
- ii. Any delays in the performance of consulting services or delivery of deliverables caused by Customer, including without limitation delays in completing and returning Customer documentation required during the P&D or completing the BRD, may result in an adjustment of project timeline and additional fees
- iii. Any changes or additions to the services described in this SOW shall be requested by a Change Order and may result in additional fees.

11. Project Phasing

- i. The Professional Services may be delivered in one or more phases as set forth in this SOW. This SOW describes the milestones, objectives, Deliverables, Sites, fees and other components that are included in the scope of each phase (“Project Phases”). Customer agrees that the delivery, installation, testing, acceptance and payment for the Professional Services rendered under any one Project Phase is not dependent on the delivery, installation, testing, acceptance and payment for the Professional Services under any other Project Phase
- ii. Each Project Phase will be billed upon Acceptance, and Payment for each Project Phase is due in full within the applicable payment period agreed between the parties and is non-refundable.

IN WITNESS WHEREOF, the Parties have executed this RingCentral Professional Services Statement of Work for Implementation Services below through their duly authorized representatives.

Customer

RingCentral

Las Virgenes Municipal Water District

RingCentral, Inc.

By: _____

By: _____

Name: _____

Name: _____

Title: _____

Title: _____

Date: _____

Date: _____



INITIAL ORDER FORM - MVP SERVICES

This Initial Order Form is a binding agreement between RingCentral, Inc. (“RingCentral”) and Las Virgenes Municipal Water District, (“Customer” or “You”) (together the “Parties”), for the purchase of the Services, licenses, and products listed herein. This Initial Order Form is subject to the terms and conditions specified in the applicable Agreement between the Parties. Capitalized terms not defined herein shall have the same meanings as set forth in the applicable Agreement between the Parties.

Customer

Las Virgenes Municipal Water District

4232 Las Virgenes Rd.
Calabasas, CA 91302
United States

Don Patterson
(818) 251-2133
dpatterson@lvmwd.com

Customer UID

Service Provider

RingCentral, Inc.

20 Davis Drive
Belmont, CA 94002
United States

Service Commitment Period

Start Date: 03/17/2023
Initial Term: 36 Months
Renewal Term: 36 Months
Payment Schedule: Monthly



RingCentral Inc., 20 Davis Drive, Belmont, CA 94002, United States

RingCentral MVP Services

Recurring Services			
Summary of Service	Qty	Rate	Subtotal
DigitalLine Unlimited Standard	115	\$19.49	\$2,241.35
DigitalLine Unlimited Standard		\$14.99	
Compliance and Administrative Cost Recovery Fee		\$3.50	
e911 Service Fee		\$1.00	
DigitalLine Basic	30	\$14.49	\$434.70
DigitalLine Basic		\$9.99	
Compliance and Administrative Cost Recovery Fee		\$3.50	
e911 Service Fee		\$1.00	
Digital Line Unlimited* Standard	10	\$9.49	\$94.90
Digital Line Unlimited* Standard		\$4.99	
Compliance and Administrative Cost Recovery Fee*		\$3.50	
e911 Service Fee*		\$1.00	
RingCentral Video	1	\$0.00	\$0.00
Polycom VVX 250 Business IP Phone - Rental	30	\$3.50	\$105.00
Polycom VVX 350 Business IP Phone - Rental	110	\$4.00	\$440.00
Polycom VVX 450 Business IP Phone - Rental	10	\$4.75	\$47.50
Polycom OBi302 ATA - Rental	5	\$2.25	\$11.25
Monthly Recurring Services*			\$3,374.70

Total Initial Amount \$3,374.70

*Amounts are exclusive of applicable Taxes.



RingCentral Inc., 20 Davis Drive, Belmont, CA 94002, United States

RingCentral Office is now RingCentral MVP. All references to "RingCentral Office", whether in the Agreement or its attachments, Order Forms or descriptions, mean "RingCentral MVP".

Cost Center Billing

For customers with cost center billing, it is the customer's responsibility to provide cost center allocation information to RingCentral at least 10 days prior to the issuance of the invoice. After the information is received, it will be reflected on future invoices, but will not be adjusted retroactively on past invoices. If purchasing additional services through the administrative portal, it is the customer's responsibility to assign cost centers at the time of purchase; otherwise, those services will not be allocated by cost center on the next invoice. Please note that cost center allocation is not available for certain items, such as minute bundles and credit memos. For additional questions, please contact the RingCentral invoice billing team at BillingSupport@ringcentral.com.

Credit

Free Services Credit: Customer will be entitled to receive a one-time credit in the amount of USD 10300.80. This credit will be applied against charges for recurring Services set forth in this Order Form, (and any taxes and fees associated with those Services), included in future invoices issued by RingCentral to Customer for the recurring Services included in this Order Form until the total amount of the credit is used. The Customer will be responsible to pay for any additional services and products, including without limitation, additional lines and extensions, seats, licenses, one-time services, usage base fees and bundles, IP devices, and their associated taxes and fees. This credit is non-transferable and non-refundable, and any unused amount will expire immediately upon termination of your Order Form.

IN WITNESS WHEREOF, the Parties have executed this Initial Order Form above through their duly authorized representatives.

Customer

Las Virgenes Municipal Water District

By: _____

Name: _____

Title: _____

Date: _____

RingCentral

RingCentral, Inc.

By:  _____

Name: Rich O'Dea

Title: VP, Enterprise Sales

Date: _____





Unified Communications as a Service (UCaaS)
Executive Summary

Lead Agency: Region 4 ESC

Solicitation: 20-09

RFP Issued: February 19, 2020

Pre-Proposal Date: March 10, 2020

Response Due Date: November 19, 2019

Proposals Received: 7

Awarded to: 

Contract # R200902

The Board of Directors of Region 4 Education Service Center (ESC) issued RFP 20-09 on February 10, 2020, to establish a national cooperative contract for Unified Communications as a Service (UCaaS)

The solicitation included cooperative purchasing language in Section I. Scope of Work:

NATIONAL CONTRACT

Region 4 ESC, as the Principal Procurement Agency, defined in Appendix D, has partnered with OMNIA Partners to make the resultant contract (also known as the “Master Agreement” in materials distributed by OMNIA Partners) from this solicitation available to other public agencies nationally, including state and local governmental entities, public and private primary, secondary and higher education entities, non-profit entities, and agencies for the public benefit (“Public Agencies”), through OMNIA Partners’ cooperative purchasing program. The Region 4 is acting as the contracting agency for any other Public Agency that elects to utilize the resulting Master Agreement. Use of the Master Agreement by any Public Agency is preceded by their registration with OMNIA Partners (a “Participating Public Agency”). Appendix D contains additional information about OMNIA Partners and the cooperative purchasing agreement.

Notice of the solicitation was sent to potential offerors, as well as advertised in the following:

- Region 4 ESC website
- OMNIA Partners, Public Sector website
- USA Today, nationwide
- Arizona Business Gazette, AZ
- San Bernardino Sun, CA
- Honolulu Star-Advertiser, HI
- The Advocate – New Orleans, LA
- New Jersey Herald, IL
- Times Union, NY
- Daily Journal of Commerce, OR
- The State, SC
- Houston Community Newspapers, Cy Creek Mirror, TX
- Deseret News, UT
- Richmond Times, VA
- Seattle Daily Journal of Commerce, WA
- Helena Independent Record, MT
- Las Vegas Review Journal, NV
- The Herald-News, IL

On July 14, 2020 proposals were received from the following offerors:

- CBTS
- Granite Telecommunications, LLC
- Iron Bow Technologies
- RingCentral Inc.
- TPx Communications
- Trace3, LLC
- Walkercom Inc.

The proposals were evaluated by an evaluation committee. Using the evaluation criteria established in the RFP, the committee determined that RingCentral Inc. demonstrated the ability to provide the products and services outlined in the solicitation while offering competitive pricing to members.

Region 4 ESC executed agreements with a contract effective date of October 1, 2020.

Contract Highlights:

RingCentral offers 100% hosted solutions tailored for medium to large enterprises, who are migrating away from on-premises telephony to the cloud. Solutions include a full suite of business communications solutions, including unified communications (UC), PBX, contact center, and video and web conferencing.

Contract includes:

RingCentral Office, their flagship product, is a multi-location, multi-user, enterprise-grade communications solution that enables employees to communicate via different channels and on multiple devices. This subscription is designed primarily for agencies that require a communications solution, regardless of location, type of device, expertise, size, or budget. Agencies are able to seamlessly connect users working in multiple office locations on smartphones, tablets, PCs and desk phones.

Term:

Initial three-year agreement from October 1, 2020 through September 30, 2023 with the option to renew for two (2) additional one-year periods through September 30, 2025.

Pricing/Discount:

Discount applied to monthly subscriptions, bundles, products, and services

OMNIA Partners, Public Sector Web Landing Page:

<https://public.omniapartners.com/suppliers/ringcentral/contract-documentation#c38627>



DATE: May 2, 2023
TO: Board of Directors
FROM: Engineering and External Affairs

SUBJECT: Automatic Meter Reading/Advanced Metering Infrastructure Project: Final Acceptance

SUMMARY:

On June 2, 2020, the Board awarded a contract to Ferguson Enterprises, LLC, in the amount of \$9,740,470, for the procurement and installation of nearly 21,000 "smart meters" for the Automatic Meter Reading/Advanced Metering Infrastructure (AMR/AMI) Project. As of November 1, 2022, the project was substantially completed, and a total of 20,798 meters were installed. A total of 20 network or antenna sites were installed and are now successfully transmitting meter data at an average daily rate of 97 percent or better. The project team has optimized the performance of the AMI system and successfully garnered registrations for the WaterSmart Customer Interface Portal from 28 percent of the District's customers. There have been very few claims by customers, and only nine customers officially opted out of the smart meter installation. Additionally, the project was completed within budget, and total change orders amounted to less than 1.5% of the original contract amount. With all terms and conditions of the contract satisfactorily completed, staff recommends final acceptance of the AMR/AMI Project.

RECOMMENDATION(S):

Authorize the General Manager to execute Change Order No. 12 for a credit, in the amount of \$112,887.33; approve payment, in the amount of \$68,672.93, for surplus meters placed in warehouse inventory; execute a Notice of Completion and have the same recorded; and, in the absence of claims from subcontractors and others, release the retention/retainage bond, in the amount of \$463,143.10, 30-calendar days after filing the Notice of Completion for the Automatic Meter Reading/Advanced Metering Infrastructure Project.

FISCAL IMPACT:

Yes

ITEM BUDGETED:

Yes

FINANCIAL IMPACT:

Total project expenditures remained within budget. Total approved project expenditures were \$9,829,616.03, compared to a total appropriation of \$11,199,051.09, resulting in a remaining balance of \$1,369,435.06. Total change orders are forecast to be \$132,708.94 or 1.4 percent of the original contract amount. The total cost for services (contract amount as awarded) with Ferguson Waterworks, which included administration, installation, lids, meters, network and sales tax, was \$9,262,862.09. The final project cost (Ferguson) based on final change orders and credits is \$9,320,571.03, an overage of \$57,708.94 or less than one percent over the original contract amount.

Below is a table summarizing the costs by category. The table does not reflect the difference in contract total awarded and total project cost. The remaining funds (not shown) can be re-allocated to cover the initial 10-year Neptune 360 Meter Data Management (MDM) system software and maintenance agreement costs to be paid through the operating budget.

<u>Category</u>	<u>Contract</u>	<u>Actual</u>	<u>Difference</u>
Administration	\$293,008.31	\$277,461.31	(\$15,547.00)
Installation	\$1,832,924.50	\$1,918,688.10	\$85,763.60
Lids	\$996,765.00	\$961,293.62	(\$35,471.38)
Meters	\$5,126,643.02	\$5,152,283.95	\$25,640.93
Network	\$408,000.00	\$405,825.94	\$(2,174.06)
Sales Tax	\$605,521.26	\$605,018.11	\$(503.15)
Grand Total	\$9,262,862.09	\$9,320,571.02	\$57,708.94

Below is a table summarizing all of the supporting vendor contract budget actuals and forecasts affiliated with the AMR/AMI Project.

<u>Vendor</u>	<u>Contract</u>	<u>Forecast</u>	<u>Difference</u>
Ferguson	\$9,262,862.09	\$9,320,571.03	\$57,708.94
MeterSys	\$379,245.00	\$454,245.00	\$75,000.00
WaterSmart Implementation	\$27,500.00	\$27,500.00	-
AUS (Billing Software)	\$27,300.00	\$27,300.00	-
Grand Total	\$9,696,907.09	\$9,829,616.03	\$132,708.94

To-date, \$1.2 million in total grant funds have been awarded to the District to assist in offsetting the costs of the AMR/AMI Project. The grants includes Proposition 1 Integrated Regional Water Management Program (IRWMP) funding, in the amount of \$715,114.11, and \$500,000 awarded by the Bureau of Reclamation (USBR) through the WaterSMART Program. The District has received \$429,523.50, or 86 percent of its eligible grant funding from USBR, and staff anticipates completing the final drawdown of remaining funds by June 30, 2023. In addition to grant funds, \$82,754 in revenue was generated from collecting and recycling the old meters for scrap metal. These funds directly replenish the Potable Water Enterprise.

DISCUSSION:

Background:

Water meters are a critical component of the successful and effective operation of a water utility. Monthly meter reads provide a fair and equitable means to bill each customer based on actual water usage. There are more than 21,000 residential and commercial customers with metered water service connections in the District's service area that were historically read manually on a monthly or bi-monthly basis. Since manual meter reading does not provide many of the benefits described below, the District began deploying its first generation of smart meters in 2005 and upgraded 4,695 of its meters over a seven-year period. The meter components were made by a company called Datamatic and began to fail in 2011 due to manufacturing defects in their circuit boards. Datamatic subsequently filed for bankruptcy, and the District reverted to manually reading the upgraded meters. Since that time, the District embarked on planning efforts to install a new "smart meter" or AMR/AMI system. The deployment of a new system was incorporated into the District's Strategic Plan and in recent capital improvement program budgets.

Following is a summary of the benefits of a smart meter system:

- Improved customer service (i.e. customer awareness of hourly/daily water use and the ability to compare real-time usage data with water budgets);
- Timely leak detection that can help prevent substantial property damage and/or added costs for the customer;
- Expedited monthly customer usage reporting and billing;
- Enhanced water budget implementation and development of new conservation programs;
- Compliance with conservation mandates from the State;
- Assistance with billing disputes and claims resolution;
- Improved personnel safety (i.e. not having to repetitiously lift meter covers);
- Reduction in greenhouse gas emissions associated with manual meter reading (less use of vehicles and lower energy usage with decreased demands for importing and treating water from the State Water Project); and
- Detection of meter tampering and reverse flow.

On June 2, 2020, the Board awarded a contract to Ferguson Enterprises, LLC, in the amount of \$9,740,470, for the procurement and installation of nearly 21,000 advanced water meters for the Automatic Meter Reading/Advanced Metering Infrastructure (AMR/AMI) Project. The alpha phase, completed in November 2020, consisted of the successful installation of 114 advanced meters and two data collectors (antenna sites). The beta phase commenced January 30, 2021, with approximately 2,000 additional meters installed and 19 additional data collectors throughout the District's service area, reaching completion by March 8, 2021. In preparation of full deployment, the project management team fully evaluated the work performed in the Proof of Concept (POC) Phases (Alpha and Beta) to identify a punch list of items to be completed in advance of full deployment.

Full Implementation:

By August of 2021, the District formally accepted the completion of the POC Phase and full implementation for deployment of the remaining meters began. Due to the global microchip

shortage that directly affected meter availability through November 2021, the project management team adjusted the overall installation schedule to focus on the replacement of intermediate sized meters (one-inch through two-inch meters) that were originally scheduled to be replaced towards the end of the project. Because intermediate sized meters require formal scheduling and are more labor intensive to install, the quantity of meter installations per month decreased. From July through September of 2021, the average monthly meter installation count was 1,457 as compared to October and November (intermediate meter installation) at 603 per month. The remaining inventory of intermediate sized meters were completed before December of 2021 and the installation team demobilized while awaiting the replenishment of depleted meter inventory levels.

In January 2022, meter installations were halfway complete (approximately 10,000). Meters and lids originally ordered in June 2021 were finally received in January 2022 allowing for installation of the remaining ¾-inch meters to recommence. The installation schedule was revised to adjust routes and dates for installation due to demobilization and equipment shortages and increase targeted weekly progression rates. Discussions began to consider the need for a potential project timeline extension.

The project team, along with Customer Service staff, began to focus on final review of the data within completed routes for formal route acceptance in preparation for a strategic transition from manual meter reading to automated readings from the AMI system. District staff began using the Neptune 360 read process every other week to refine the process, identify and correct data disconnects, and move the District closer to full automation.

Twenty of the originally specified twenty-one gateways or antenna sites were installed and reporting successfully on the network. In an effort to fully optimize the network, the Seminole Pump Station (gateway #21) was decommissioned due to its persistent poor signal reception. Oak Ridge Pump Station was re-located to Oak Ridge Tank site and Cold Canyon Pump Station was re-located to Stunt Road Pump Station - dramatically improving network coverage. As an example of performance improvement, the Oak Ridge Pump Station gateway originally received transmissions from only 40 meters. After re-locating and installing equipment on the Oak Ridge Tank, this site consistently receives transmissions from approximately 2,000 meters. The contract guaranteed network performance requirement was to have at least 89.9 percent of the new meters successfully transmit data. The network performance coverage has consistently been at 97 percent or greater since completing optimization of the network in July 2022. All site inspections have been completed for data collector installations and final site plans and equipment specifications will be formally submitted by Ferguson as a punch list item for District record.

Opt Out Program:

During installation of the advanced meters, customers received a postcard in the mail three to four weeks ahead of their scheduled meter installation. The mailer provided installation details and how to find more information for those interested in opting out of the Advanced Meter Program. The opt out application and key details for qualification was housed on the Districts website. Consistently throughout project implementation, District staff fielded more customer calls requesting their advanced meter installation be expedited than those requesting to opt out.

In total, nine customers officially qualified and agreed to the terms of the Opt Out policy. Staff

utilized the WaterSmart portal to email customers who did not qualify, or who qualified but needed to complete an application. The vast majority of opt-out application requests did not meet the policy criteria due to excessive tier usage for three or more months in the previous 12-month period. Additionally, many customers who expressed sincere interest to opt-out had a change of heart after a detailed explanation of the new meter benefits, including the WaterSmart customer portal.

WaterSmart Customer Connect Portal:

The WaterSmart Customer Connect portal is a web-based interface allowing customer access to detailed information about their household or business water use. The portal allows the Districts' customers to track their water use, set alerts for possible leaks or unusual usage, provides personal tips on saving water, comparisons to previous years, and allows customers to set communication preferences.

Following the meter installation process, a door hanger was left at each residence detailing the work performed and information on how to access the WaterSmart Customer portal and create an account to start viewing key water use information. Customers only need their customer number, account number and their zip code to gain access. Once registered, customers can create a username and password based on their email of choice.

WaterSmart not only equips customers to be water efficient, but it also improves the District's ability to provide an improved customer service experience by allowing personalized, targeted data driven messaging, viewing aggregate customer data trends and permits staff to identify and quantify continuous consumption more commonly identified as active leaks.

The District soft-launched the portal in January of 2021, which included 100 Alpha phase accounts and the first 100 Beta phase accounts. The portal was officially made public to all customers on February 15, 2021. To date, more than 5,895 accounts have registered since the program launched. 1,724 of these registered in the last 90 days. 1,581 single family residential accounts have updated their profile. Part of the profile update consists of customers verifying top actions they have taken and completed to save water. 25 percent of portal users have begun to change grass to natives, 18 percent are choosing low water use plants, and 6 percent are upgrading their irrigation controller.

To study the affect that participation in a particular program has on customer usage trends, the project team requested the addition of the Program Participation Module within WaterSmart. At the onset of the drought in early 2022, this module was leveraged to verify water savings by analyzing consumption data twelve months before registering for WaterSmart to consumption data over the twelve months after registration. Despite the relatively small data set, usage decreased for 45.7 percent of customers since registering for WaterSmart.

Customers reporting a reduction in usage were saving a combined average of 252 gallons per day. Further application of this module will support the creation of customized reports that will inform the effectiveness that these programs have on conservation and identify the cost savings attributable to each particular program. This module will allow the District to have access to customizable reports that calculate water and cost savings by comparing historical consumption to consumption data after the particular programmatic changes were made (e.g. the customer registered for the portal or installed a Rachio irrigation controller). The module follows a standardized approach, enabling the District to track different programs, all of which

will have their own customized report. Data onboarding is in process for applicable programs.

Automated leak alert notifications were officially turned on in December 2021. Customers will only receive one notification per leak. Customers are capable of adjusting their use notifications to their desired setting. Leak alert threshold values were derived by monitoring and filtering data to verify the values were set appropriately. Before turning on the leak alerts (continuous consumption defined as 10 gallons per hour for a minimum of 36 consecutive hours) system wide, staff conducted strategic outreach to approximately 200 single family residential customers that had an AMI meter and had triggered these thresholds. This allowed staff to be better prepared to anticipate call volumes and be better equipped to properly respond to customer questions in advance of automating system wide leak alert notifications. Customer service staff have done a great job of managing conversations and documenting questions received within the portal.

The portal has a feature that captures customer conversations that include customer feedback in response to e-mails sent from the customer portal to alert them of a leak. To highlight an example, recently submitted by a customer in response to leak alert notifications - one customer responded by saying, “we had a leak finder come and he chose the wrong place. Unfortunately, on Sunday we discovered the leak with our landscape person. The leak has been repaired. I am hopeful that our daily use numbers drop significantly as a result.” This interactive ability to alert customers automatically in real-time via email and then receive customer feedback that confirms the cause of the leak and that the repair has been made without physically visiting the residence, is an example of how the District is equipped to effectively achieve the goals of making conservation a California way of life.

Some key metrics and data that WaterSmart aggregates daily is water consumption by gallons per day (GPD). In March 2023, fifty percent of single family residence – meter class accounts used less than 175 GPD. The “average households” benchmark for the most common cohort (three occupants and less than 4,000 square feet yard) was 160 GPD.

In the past year, 31,001 leaks or continuous consumption events were detected. Of those, 15,145 accounts were alerted and 73% of e-mails were opened. Of the leaks identified using the Leak Investigation and Diagnosis tool, the most common explanation was “Outdoor Watering System,” which accounts for 39 percent of leaks confirmed since April 10, 2022.

WaterSmart evaluates the impact of leak alerts on total water consumption using a complex algorithm comparing customers with no contact information (control group) while customers with contact information serve as the treatment group. Cumulative savings associated with leak alerts are estimated for leak alerts detected and noticed for continuous consumption. WaterSmart estimates on average each customer receiving a leak alert for a detected continuous leak uses ten percent less water in the thirty days following the receipt of the leak alert than customers that cannot be alerted. For March 2023, the leak notifications sent to customers resulted in an estimated 3,381 HCF (hundred cubic feet) or over 2.5 million gallons of water savings based on a total leak detected volume of 26,452 HCF. District staff have been formally trained and have been actively engaging customers and assisting them in identifying leaks, receiving high usage alerts, and to better manage their allotted water budgets throughout the billing period using the WaterSmart software.

Project Outreach Efforts:

The advanced meter project has been successful in large part to the coordinated and thorough project “in-reach” and outreach efforts. Staff attended seven remote and onsite WaterSmart training sessions and eight remote Neptune 360 training sessions. Despite challenges due to COVID, in September of 2021, staff presented to the Hidden Hills Homeowner’s Association. In December 2021, the District utilized WaterSmart's group messenger platform to send out approximately 8,200 e-mails to all unregistered WaterSmart accounts that had an AMI meter installed. The email encouraged customers to stay smart about their water use and register to receive alerts for high water usage through the portal. Additionally, this key message was also published on the front of all LVMWD bills mailed to customers. In January 2022, staff hosted an online webinar providing customers with information on how to get the most out of the WaterSmart portal along with a question and answer session. Over two hundred and fifty customers participated. A project webpage was maintained throughout the project providing key details on what to expect during the meter installation process, frequently asked questions, project benefits, and a meter installation map. Additionally, staff created three video animations that highlighted the benefits of the Advanced Meter Project and the WaterSmart portal. These animations were actively shared on LVMWD’s social media platforms along with many project articles and infographics published in local newspapers and media outlets.

Milestone Project Achievements:

Overall, the AMR/AMI Project was a huge success. The project overcame critical supply chain issues and equipment delays as a result of the global pandemic, the onset of a major drought and the impending flow restrictor program - managing to only require an additional five-month time extension to the original two-year project timeline. Some of the key achievements are as follows:

- 20,798 meters successfully installed
- 96 (less than one percent) of originally planned installs were returned to the utility at the end of the project
- 1,327 (seven percent) of project work orders were checked through QC process; of those inspected, five percent were returned to installation team for issue resolution
- As a result of efficient communication, policy development and planning, the number of customers enrolled in the opt out program is incredibly low (nine opt outs out of twenty-one thousand accounts - 0.04%)
- \$240,000 annual savings by eliminating Alexander’s contract metering reading services
- Over 250 customer attendees - January 2022 WaterSmart Webinar
- \$91,980 in material and labor savings by eliminating seven proposed solar powered gateway sites and identifying alternative sites with existing AC power
- 97% service territory coverage (Contract guaranteed only 89.9%)
- \$82,754 in revenue was generated from collecting and metal scrapping old meters
- \$1.2 million in total AMI project grant monies have been awarded to the District
- A total of only six claims filed against the project - all resolved

Next Steps:

Staff has conducted several meetings with Vertex One/WaterSmart staff and their engineering development team over the past eighteen months. District staff has formally requested Vertex One provide the appropriate level of discovery in preparation for the beta testing and water budget development of an estimated water budget visualization module to better assist

customers with water budget forecasting. The product team will be responding to the District's formal requests in the coming months. Additional planned WaterSmart initiatives involve upgrading their platform to provide follow up e-mail leak alerts to accounts with ongoing continuous consumption, and disaggregating meter data to harness the value of the data at each meter. These updates are scheduled for 2024.

Staff is working collaboratively with several vendors to pilot water aging analysis in an effort to maintain sub systems of the potable distribution system using AMI consumption data to better forecast and manage water quality degradation. Staff will continue to refine and streamline processes, use water consumption data for improved demand management decision making, and continue to track water savings and leverage Watersmart for conservation efforts and future drought compliance enforcement. Staff is also investigating the prospect of utilizing the AMI Lora network for the collection of data from other sources besides meters.

Staff will also be tracking meter performance with emphasis on battery life for the transmission of data and meter accuracy. The meter batteries are warranted with full replacement if the batteries fail within 10 years and pro-rated replacement for another 10 years. While the meters and meter batteries are expected to last at least 15 years, staff will be closely monitoring meters and developing a long-term replacement program to ensure that the advanced metering infrastructure remains fully functional.

There still remains approximately 100 large meters (4-inch and larger) that have not been converted to AMI. These larger meters were not included in the Ferguson contract due to the complexity associated with replacing them. A separate capital improvement project will address these meters, which are tentatively scheduled to be replaced in the coming year.

Project Final Acceptance:

Ferguson Enterprises LLC, performed extraordinarily well in fulfilling the contract for the AMR/AMI Project - despite supply chain issues and disruptions with labor associated with the Covid-19 Pandemic. The action being requested of the Board is to authorize Change Order No. 12 for a contract credit (deduction) amount of \$112,887.33, authorize the issuance of a Notice of Completion for the AMR/AMI Project and have the same recorded; and upon execution of Pay Application No. 23, release the retention/retainage bond for the contract. The Board is also being asked to authorize a check request in the amount of \$ 68,672.93 for surplus meters to be placed in warehouse inventory. These meters were purchased during the project (not expended to the project), to take advantage of the contract rate, saving the District thousands of dollars due to a significant increase in cost per meter. Surplus meters will be utilized to replace meters that fail prematurely. Meter and meter interface unit warranties will be exercised when appropriate and Ferguson will either backfill meters taken out of inventory at no cost.

Change Order No. 12 is a final project credit or deduction representing the final project reconciliation of all project materials and labor. More specifically, it accounts for line-item overages for items that were in the original contract, but at a lower unit count, adjusting the contract to the actual quantity per unit. It also accounts for the removal of quantities from the original contract appropriation that were not needed in the project. As an example, the original contract specified a quantity of 602 two-inch meters and the project required a total of 659, going over by a quantity of 57 meters for an additional cost of \$24,966.

GOALS:

Provide Excellent Services that Exceed Customer's Expectation

Prepared by: Craig Jones, Resource Conservation Manager

ATTACHMENTS:

[Advance Payment and Release of Retainage Bond](#)

[Pay Application No. 23](#)

[AMR/AMI Project Summary Presentation](#)

ADVANCE PAYMENT AND/OR RELEASE OF RETAINAGE BOND

Bond No. K40483305

KNOW ALL MEN BY THESE PRESENTS, That we Ferguson Enterprises, LLC dba Ferguson Waterworks (hereinafter called "Principal"), and Federal Insurance Company authorized to do business in the State of California (hereinafter called "Surety") are held and firmly bound unto Las Virgenes Municipal Water District (hereinafter called "Obligee") as Obligee, in the sum of Four Hundred Sixty-Three Thousand One Hundred Forty-Three Dollars and Ten Cents dollars (\$463,143.10) good and lawful money of the United States of America, the payment of which, well and truly to be made, we do bind ourselves, our heirs, administrators, executors, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS the above bounded Principal has received a Contract, dated June 17, 2020 from the Obligee with which Letter of Award, is hereby referred to and made a part hereof as fully and to the same extent as if copies at length were attached herein.

WHEREAS the Obligee has agreed to advance to the Principal an initial payment or payments prior to delivery of equipment under said Material Contract for Advanced Metering Infrastructure, Meter Data Management System, Meter Installation Services and Customer Portal and Principal has agreed to furnish a surety bond guaranteeing repayment to Obligee of the unearned balance of any monies with regard to said advance payment.

NOW THEREFORE the condition of this obligation is such that if the Principal shall fail to deliver the equipment described in the above named Letter of Award and does make repayment to the Obligee in any amount of such initial payment as shall be due under said Letter of Award, then this obligation shall be null and void, otherwise to remain in full force and effect.

IT IS AGREED that the obligation of this Advance Payment and/or Release of Retainage Bond shall be null and void unless: (1) the above Contract is in writing, and has been fully executed by both the Principal and the Obligee; (2) the Principal is actually in default under the above Contract, and is declared by the Obligee thereafter to be in default; (3) the Obligee has performed all of the obligations of the Obligee under the Contract; and (4) the Obligee has provided written notice of the default to the Surety as promptly as possible, and in any event, within ten (10) days after such default.

IT IS FURTHER AGREED that the total liability of the Principal and Surety under this bond shall in no event exceed the actual initial payment of Four Hundred Sixty-Three Thousand One Hundred Forty-Three Dollars and Ten Cents dollars (\$463,143.10) made by the Obligee under said Contract.

IN THE EVENT of conflict or inconsistency between the provisions of the Advance Payment and/or Release of Retainage Bond and the provisions of the above Contract, the provisions of this Advance Payment and/or Release or Retainage Bond shall control, or the obligation of the Surety be deemed null and void to the extent of any enlargements or augmentation to the liabilities of the Surety prescribed by the Advance Payment and/or Release of Retainage Bond.

Sealed with our seals and dated this 23rd day of June, 2020.

WITNESS:

DARON RIOS

ACCEPTED AS TO OBLIGEE

Ferguson Enterprises, LLC dba Ferguson Waterworks

By: *Eric D. Tracy* 6/29/2020
(Principal) *Eric Tracy*

Federal Insurance Company

By: *Pablo Rios, Jr.*
Pablo Rios, Jr., Attorney-In-Fact

PRINCIPAL ACKNOWLEDGMENT

State of California: NEVADA

County of WASHOE

On this 29 day of JUNE, 2020, before me personally came Eric Tracy, to me known, who, being by me duly sworn, deposed and says that (s)he is the Business Development Manager of the entity described in and which executed the following instrument; that (s)he knows the seal of the said corporation/company; that the seal affixed to the said instrument is such corporate/company seal; that it was so affixed by the order of the Board of Directors of said corporation/company, that (s)he signed his/her name thereto by like order.



Stevie Herrera
Notary Public

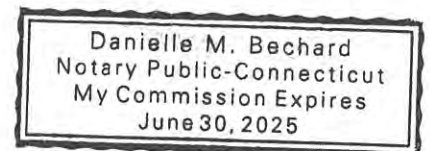
SURETY ACKNOWLEDGMENT

State of Connecticut:

County of Hartford:

On this 23rd day of June, 2020, before me personally came Wendy Lee Wadkins known to me to be the duly authorized Attorney-In-Fact of the Federal Insurance Company, and the said Wendy Lee Wadkins duly acknowledged to me that he subscribed the name of the Federal Insurance Company thereto as Surety and his own name as Attorney-In-Fact.

Danielle M. Bechard
Notary Public
Danielle M. Bechard



CHUBB

Power of Attorney

Federal Insurance Company | Vigilant Insurance Company | Pacific Indemnity Company
Westchester Fire Insurance Company | ACE American Insurance Company

Know All by These Presents, that FEDERAL INSURANCE COMPANY, an Indiana corporation, VIGILANT INSURANCE COMPANY, a New York corporation, PACIFIC INDEMNITY COMPANY, a Wisconsin corporation, WESTCHESTER FIRE INSURANCE COMPANY and ACE AMERICAN INSURANCE COMPANY corporations of the Commonwealth of Pennsylvania, do each hereby constitute and appoint Christopher F. Mulvaney, Pablo Rios Jr. and Wendy Lee Wadkins of Radnor, Pennsylvania

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than bail bonds) given or executed in the course of business, and any instruments amending or altering the same, and consents to the modification or alteration of any instrument referred to in said bonds or obligations.

In Witness Whereof, said FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, PACIFIC INDEMNITY COMPANY, WESTCHESTER FIRE INSURANCE COMPANY and ACE AMERICAN INSURANCE COMPANY have each executed and attested these presents and affixed their corporate seals on this 15th day of January, 2020.

Dawn M. Chloros

Dawn M. Chloros, Assistant Secretary

Stephen M. Haney

Stephen M. Haney, Vice President



STATE OF NEW JERSEY
County of Hunterdon

SS.

On this 15th day of January, 2020 before me, a Notary Public of New Jersey, personally came Dawn M. Chloros and Stephen M. Haney, to me known to be Assistant Secretary and Vice President, respectively, of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, PACIFIC INDEMNITY COMPANY, WESTCHESTER FIRE INSURANCE COMPANY and ACE AMERICAN INSURANCE COMPANY, the companies which executed the foregoing Power of Attorney, and the said Dawn M. Chloros and Stephen M. Haney, being by me duly sworn, severally and each for herself and himself did depose and say that they are Assistant Secretary and Vice President, respectively, of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, PACIFIC INDEMNITY COMPANY, WESTCHESTER FIRE INSURANCE COMPANY and ACE AMERICAN INSURANCE COMPANY and know the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of said Companies; and that their signatures as such officers were duly affixed and subscribed by like authority.

Notarial Seal



KATHERINE J. ADELAAR
NOTARY PUBLIC OF NEW JERSEY
No. 2316685
Commission Expires July 16, 2024

Katherine J. Adelaar
Notary Public

CERTIFICATION

Resolutions adopted by the Boards of Directors of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY on August 30, 2016; WESTCHESTER FIRE INSURANCE COMPANY on December 11, 2006; and ACE AMERICAN INSURANCE COMPANY on March 20, 2009:

"RESOLVED, that the following authorizations relate to the execution, for and on behalf of the Company, of bonds, undertakings, recognizances, contracts and other written commitments of the Company entered into in the ordinary course of business (each a "Written Commitment"):

- (1) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized to execute any Written Commitment for and on behalf of the Company, under the seal of the Company or otherwise.
- (2) Each duly appointed attorney-in-fact of the Company is hereby authorized to execute any Written Commitment for and on behalf of the Company, under the seal of the Company or otherwise, to the extent that such action is authorized by the grant of powers provided for in such person's written appointment as such attorney-in-fact.
- (3) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized, for and on behalf of the Company, to appoint in writing any person the attorney-in-fact of the Company with full power and authority to execute, for and on behalf of the Company, under the seal of the Company or otherwise, such Written Commitments of the Company as may be specified in such written appointment, which specification may be by general type or class of Written Commitments or by specification of one or more particular Written Commitments.
- (4) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized, for and on behalf of the Company, to delegate in writing to any other officer of the Company the authority to execute, for and on behalf of the Company, under the Company's seal or otherwise, such Written Commitments of the Company as are specified in such written delegation, which specification may be by general type or class of Written Commitments or by specification of one or more particular Written Commitments.
- (5) The signature of any officer or other person executing any Written Commitment or appointment or delegation pursuant to this Resolution, and the seal of the Company, may be affixed by facsimile on such Written Commitment or written appointment or delegation.

FURTHER RESOLVED, that the foregoing Resolution shall not be deemed to be an exclusive statement of the powers and authority of officers, employees and other persons to act for and on behalf of the Company, and such Resolution shall not limit or otherwise affect the exercise of any such power or authority otherwise validly granted or vested."

I, Dawn M. Chloros, Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, PACIFIC INDEMNITY COMPANY, WESTCHESTER FIRE INSURANCE COMPANY and ACE AMERICAN INSURANCE COMPANY (the "Companies") do hereby certify that

- (i) the foregoing Resolutions adopted by the Board of Directors of the Companies are true, correct and in full force and effect,
- (ii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Whitehouse Station, NJ, this 23rd day of June, 2020



Dawn M. Chloros

Dawn M. Chloros, Assistant Secretary

IN THE EVENT YOU WISH TO VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT:

Telephone (908) 903-3493 Fax (908) 903-3656 e-mail: surety@chubb.com

APPLICATION AND CERTIFICATION FOR PAYMENT

TO OWNER:
 Las Virgenes Municipal Water District
 BILL TO ADDRESS:
 4232 Las Virgenes Rd
 Calabasas, CA 91302

FROM CONTRACTOR:
 Ferguson Enterprises LLC dba Ferguson Waterworks
 REMIT TO ADDRESS:
 Ferguson Waterworks #1083
 PO Box 740827
 Los Angeles, CA 90074-0827

AIA DOCUMENT G702
 APPLICATION #: 23 - FINAL
 APPLICATION DATE: 4/11/2023
 PERIOD: 10/29/2022 - END

PAGE 1 OF 1 PAGES
 Distribution to:
 OWNER
 CONTRACTOR

PROJECT NAME: Advanced Metering Infrastructure (AMI) & Meter Installation
 AGREEMENT DATE: 6/17/2020

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract.
 Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM	\$	9,262,862.09
2. Net Change by Change Orders (below)	\$	47,942.30
3. CONTRACT SUM TO DATE (Line 1 ± 2)	\$	9,310,804.39
4. TOTAL COMPLETED TO DATE (Column F on G703)	\$	9,310,804.39
5. CONTRACTUAL RETAINAGE: 5% of Line 4		N/A - Final
6. TOTAL EARNED LESS RETAINAGE (Line 4 - Line 5C)	\$	9,310,804.39
7. LESS PAYMENTS ALREADY RECEIVED - see red box below	\$	9,143,344.14
8. CURRENT PAYMENT DUE	\$	167,460.25
9. CONTRACT SUM TO DATE (Line 3)	\$	9,310,804.39
LESS TOTAL COMPLETED TO DATE (Line 4)	\$	9,310,804.39
REMAINING CONTRACT BALANCE TO COMPLETE	\$	0.00

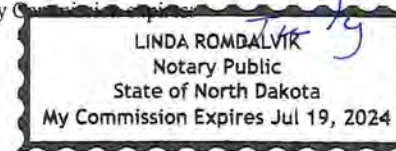
The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief, the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: Ferguson Enterprises LLC dba Ferguson Waterworks

By: *Linda Romdalvik* Date: 4/11/23

State of: North Dakota County of: Cass
 Subscribed and sworn to before me this 11th day of April, 2023
 Notary Public: *Linda Romdalvik*

My Commission Expires: July 19, 2024



CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
CO 1 - Cost of labor increase consistent with DIR	\$132,076.60	
CO 2 - Notification postcards	\$21,108.00	
CO 3 - Installation of bollards	\$5,000.00	
CO 4 - Increase QTY of grid-powered collectors	\$72,817.50	
CO 5 - Decrease QTY of solar-powered collectors		\$91,980.00
CO 6 - Meters for opt-out customers	\$2,584.09	
CO 11 - Final Collector installation	\$19,223.44	
CO 12 - Final reconciliation of all contract line items		\$112,887.33
NET CHANGE by CHANGE ORDERS	\$47,942.30	

Payments already received	
Advance Retainage Payment rec'd back on 3/29/21	\$ 463,143.10
Total paid for the first 21 Pay Apps (Pay App #21 Line 6 - Total Earned less Retainage)	\$ 8,479,822.01
Amount paid for Pay App #22 (used 95% of CM000462 which is included here in Pay App #23)	\$ 200,379.03
	\$ 9,143,344.14

CONTINUATION SHEET

AIA DOCUMENT G703

AIA Document G702 APPLICATION AND CERTIFICATION FOR PAYMENT, containing Contractor's signed certification, is attached.

APPLICATION #:	23 - FINAL
APPLICATION DATE:	4/11/2023
PERIOD:	10/29/2022 - END
PROJECT NAME:	Advanced Metering Infrastructure (AMI) & Meter Installation Services

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE				D WORK COMPLETED						G % COMPLETE (F ÷ C)	H BALANCE TO FINISH (C - F)
		UOM	UNIT PRICE	QTY	EXTENDED PRICE	FROM PREVIOUS PAY APPLICATIONS		THIS PERIOD		TOTAL TO DATE			
						QTY	EXTENDED PRICE	QTY	EXTENDED PRICE	QTY	EXTENDED PRICE		
AMI Equipment & Software (Option 5)													
1	Grid-powered Data Collector - QTY adjusted CO#4	EA	\$ 9,500.00	15	\$ 142,500.00	15	\$ 142,500.00		\$ -	15	\$ 142,500.00	100.00%	\$ -
2	Solar-powered Data Collector QTY adjusted CO#5	EA	\$ 12,000.00	6	\$ 72,000.00	6	\$ 72,000.00		\$ -	6	\$ 72,000.00	100.00%	\$ -
3	Spare Grid-powered Data Collector	EA	\$ 9,500.00	1	\$ 9,500.00		\$ -		\$ -	0	\$ -	0.00%	\$ 9,500.00
3 - CO#12	Spare Grid-powered Data Collector	EA	\$ 9,500.00	(1)	\$ (9,500.00)		\$ -		\$ -	0	\$ -	0.00%	\$ (9,500.00)
4	Handheld Programming Device	EA	\$ -	0	\$ -		\$ -		\$ -	0	\$ -	0.00%	\$ -
5	Mobile Data Collector	EA	\$ 6,500.00	1	\$ 6,500.00	1	\$ 6,500.00		\$ -	1	\$ 6,500.00	100.00%	\$ -
6	Belt Clip Transceiver	EA	\$ 2,500.00	1	\$ 2,500.00	1	\$ 2,500.00		\$ -	1	\$ 2,500.00	100.00%	\$ -
7	Implementation of Hosted Software - Upfront cost	LS	\$ 5,000.00	1	\$ 5,000.00	1	\$ 5,000.00		\$ -	1	\$ 5,000.00	100.00%	\$ -
8	Project Management Fee (Infrastructure)	LS	\$ 10,000.00	1	\$ 10,000.00	1	\$ 10,000.00		\$ -	1	\$ 10,000.00	100.00%	\$ -
9	AMI Network Equipment Installation Services	EA	\$ 7,500.00	21	\$ 157,500.00	21	\$ 157,500.00		\$ -	21	\$ 157,500.00	100.00%	\$ -
10	System Acceptance Testing	LS	\$ 1,500.00	1	\$ 1,500.00	1	\$ 1,500.00		\$ -	1	\$ 1,500.00	100.00%	\$ -
11	Training & Documentation (Hardware & Software)	LS	\$ 5,000.00	1	\$ 5,000.00	1	\$ 5,000.00		\$ -	1	\$ 5,000.00	100.00%	\$ -
12	AMI/MDMS System Integration	EA	\$ -	0	\$ -		\$ -		\$ -	0	\$ -	0.00%	\$ -
13	AMI/CIS Integration	EA	\$ -	0	\$ -		\$ -		\$ -	0	\$ -	0.00%	\$ -
14	Performance and Payment Bond Costs	LS	\$ 68,954.31	1	\$ 68,954.31	1	\$ 68,954.31		\$ -	1	\$ 68,954.31	100.00%	\$ -
15 - CO#3	Installation of Bollards to protect Solar-powered Data Collectors	EA	\$ 500.00	10	\$ 5,000.00	10	\$ 5,000.00		\$ -	10	\$ 5,000.00	100.00%	\$ -
16A - CO#11	Decommission Seminole Pump Station	EA	\$ 1,200.00	1	\$ 1,200.00		\$ -	1	\$ 1,200.00	1	\$ 1,200.00	100.00%	\$ -
16B - CO#11	Solar Kit for Oak Ridge Tank	EA	\$ 5,625.00	1	\$ 5,625.00		\$ -	1	\$ 5,625.00	1	\$ 5,625.00	100.00%	\$ -
16C - CO#11	Equipment for Saddle Peak Tank	EA	\$ 937.50	1	\$ 937.50		\$ -	1	\$ 937.50	1	\$ 937.50	100.00%	\$ -
16D - CO#11	Remobilization & Labor on Saddle Peak Repair	EA	\$ 1,187.50	1	\$ 1,187.50		\$ -	1	\$ 1,187.50	1	\$ 1,187.50	100.00%	\$ -
16E - CO#11	Decommission Cold Canyon Pump Station, Reinstall at Stunt Road Tower & Pump House	EA	\$ 9,650.00	1	\$ 9,650.00		\$ -	1	\$ 9,650.00	1	\$ 9,650.00	100.00%	\$ -
20	Sales Tax on Equipment (9.5%) - Value adjusted CO#4, 5, 11	LS	\$ 22,758.44		\$ 22,758.44		\$ 21,232.50		\$ 623.44		\$ 21,855.94	96.03%	\$ 902.50
20 - CO#12	Sales Tax on Equipment (9.5%)	LS	\$ (902.50)		\$ (902.50)		\$ -		\$ -	0	\$ -	0.00%	\$ (902.50)
	Subtotal				\$ 516,910.25		\$ 497,686.81		\$ 19,223.44		\$ 516,910.25	100.00%	\$ -
Meter Equipment													
Meters & MIUs													
21	3/4" x 1" PD Meter w/ Procoder R900i Register	EA	\$ 210.00	12369	\$ 2,597,490.00	12369	\$ 2,597,490.00		\$ -	12369	\$ 2,597,490.00	100.00%	\$ -
22	3/4" x 1" PD Meter w/ Procoder R900i Register - Retrofit discounted	EA	\$ 200.00	4695	\$ 939,000.00	4695	\$ 939,000.00		\$ -	4695	\$ 939,000.00	100.00%	\$ -
23	1" PD Meter w/ Procoder R900i Register	EA	\$ 260.00	2405	\$ 625,300.00	2405	\$ 625,300.00		\$ -	2405	\$ 625,300.00	100.00%	\$ -
24	1 1/2" PD Meter w/ Procoder R900i Register	EA	\$ 438.00	602	\$ 263,676.00	530	\$ 232,140.00	72	\$ 31,536.00	602	\$ 263,676.00	100.00%	\$ -
24 - CO#12	1 1/2" PD Meter w/ Procoder R900i Register	EA	\$ 438.00	57	\$ 24,966.00		\$ -	57	\$ 24,966.00	57	\$ 24,966.00	100.00%	\$ -
25	2" PD Meter w/ Procoder R900i Register	EA	\$ 550.00	429	\$ 235,950.00	356	\$ 195,800.00	72	\$ 39,600.00	428	\$ 235,400.00	99.77%	\$ 550.00
25 - CO#12	2" PD Meter w/ Procoder R900i Register	EA	\$ 550.00	(1)	\$ (550.00)		\$ -		\$ -	0	\$ -	0.00%	\$ (550.00)
26	1 1/2" HP Turbine Meter w/ Procoder R900i Register	EA	\$ 745.00	242	\$ 180,290.00	191	\$ 142,295.00		\$ -	191	\$ 142,295.00	78.93%	\$ 37,995.00
26 - CO#12	1 1/2" HP Turbine Meter w/ Procoder R900i Register	EA	\$ 745.00	(51)	\$ (37,995.00)		\$ -		\$ -	0	\$ -	0.00%	\$ (37,995.00)
27	2" HP Turbine Meter w/ Procoder R900i Register	EA	\$ 745.00	366	\$ 272,670.00	366	\$ 272,670.00		\$ -	366	\$ 272,670.00	100.00%	\$ -
27 - CO#12	2" HP Turbine Meter w/ Procoder R900i Register	EA	\$ 745.00	43	\$ 32,035.00		\$ -	43	\$ 32,035.00	43	\$ 32,035.00	100.00%	\$ -
43 - CO#6	3/4" Direct Read Registers (for opt-out customers)	EA	\$ 46.65	50	\$ 2,332.50	50	\$ 2,332.50		\$ -	50	\$ 2,332.50	100.00%	\$ -
44 - CO#6	Freight on shipment of Direct Read Registers	LS	\$ 30.00	1	\$ 30.00	1	\$ 30.00		\$ -	1	\$ 30.00	100.00%	\$ -
48A - CO#12	3/4" T10 Pit Register	EA	\$ 73.00	7	\$ 511.00		\$ -	7	\$ 511.00	7	\$ 511.00	100.00%	\$ -
48B - CO#12	1" T10 Pit Register	EA	\$ 73.00	3	\$ 219.00		\$ -	3	\$ 219.00	3	\$ 219.00	100.00%	\$ -
48C - CO#12	R900C Pit MIU 6' Wire Potted 2' Antenna	EA	\$ 155.00	10	\$ 1,550.00		\$ -	10	\$ 1,550.00	10	\$ 1,550.00	100.00%	\$ -
Ancillary Equipment													
28	1" Rubber Washers	EA	\$ 0.18	38938	\$ 7,008.84	37520	\$ 6,753.60		\$ -	37520	\$ 6,753.60	96.36%	\$ 255.24
28 - CO#12	1" Rubber Washers	EA	\$ 0.18	(1418)	\$ (255.24)		\$ -		\$ -	0	\$ -	0.00%	\$ (255.24)
29	1.5" Rubber Gaskets	EA	\$ 0.53	1682	\$ 891.46	1606	\$ 851.18		\$ -	1606	\$ 851.18	95.48%	\$ 40.28
29 - CO#12	1.5" Rubber Gaskets	EA	\$ 0.53	(76)	\$ (40.28)		\$ -		\$ -	0	\$ -	0.00%	\$ (40.28)

CONTINUATION SHEET

AIA DOCUMENT G703

AIA Document G702 APPLICATION AND CERTIFICATION FOR PAYMENT, containing Contractor's signed certification, is attached.		APPLICATION #:	23 - FINAL
		APPLICATION DATE:	4/11/2023
		PERIOD:	10/29/2022 - END
		PROJECT NAME:	Advanced Metering Infrastructure (AMI) & Meter Installation Services

A ITEM NO.	B DESCRIPTION OF WORK	UOM	C SCHEDULED VALUE		D WORK COMPLETED						G % COMPLETE (F + C)	H BALANCE TO FINISH (C - F)	
			UNIT PRICE	QTY	EXTENDED PRICE	FROM PREVIOUS PAY APPLICATIONS		THIS PERIOD		TOTAL TO DATE			
						QTY	EXTENDED PRICE	QTY	EXTENDED PRICE	QTY			EXTENDED PRICE
30	2" Rubber Gaskets	EA	\$ 0.60	1596	\$ 957.60	1582	\$ 949.20	\$ -	\$ -	1582	\$ 949.20	99.12%	\$ 8.40
30 - CO#12	2" Rubber Gaskets	EA	\$ 0.60	(14)	\$ (8.40)		\$ -	\$ -	\$ -	0	\$ -	0.00%	\$ (8.40)
31	Zinc Plated Nuts	EA	\$ 0.12	6556	\$ 786.72	3016	\$ 361.92	\$ -	\$ -	3016	\$ 361.92	46.00%	\$ 424.80
31 - CO#12	Zinc Plated Nuts	EA	\$ 0.12	(3540)	\$ (424.80)		\$ -	\$ -	\$ -	0	\$ -	0.00%	\$ (424.80)
32	Zinc Plated Bolts	EA	\$ 0.40	6556	\$ 2,622.40	3016	\$ 1,206.40	\$ -	\$ -	3016	\$ 1,206.40	46.00%	\$ 1,416.00
32 - CO#12	Zinc Plated Bolts	EA	\$ 0.40	(3540)	\$ (1,416.00)		\$ -	\$ -	\$ -	0	\$ -	0.00%	\$ (1,416.00)
45 - CO#12	Stainless Steel Nuts	EA	\$ 1.00	3604	\$ 3,604.00			3604	\$ 3,604.00	3604	\$ 3,604.00	100.00%	\$ -
46 - CO#12	Stainless Steel Bolts	EA	\$ 2.60	3604	\$ 9,370.40			3604	\$ 9,370.40	3604	\$ 9,370.40	100.00%	\$ -
33	1" Curb Stop	EA	\$ 50.50	0	\$ -		\$ -	\$ -	\$ -	0	\$ -	0.00%	\$ -
34	1" Angle Stop	EA	\$ 40.31	0	\$ -		\$ -	\$ -	\$ -	0	\$ -	0.00%	\$ -
35	1 1/2" Curb Stop	EA	\$ 157.43	0	\$ -		\$ -	\$ -	\$ -	0	\$ -	0.00%	\$ -
36	1 1/2" Angle Stop	EA	\$ 186.61	0	\$ -		\$ -	\$ -	\$ -	0	\$ -	0.00%	\$ -
37	2" Curb Stop	EA	\$ 241.95	0	\$ -		\$ -	\$ -	\$ -	0	\$ -	0.00%	\$ -
38	2" Angle Stop	EA	\$ 220.18	0	\$ -		\$ -	\$ -	\$ -	0	\$ -	0.00%	\$ -
39	Straight Meter Coupling (meter tailpiece)	EA	\$ 11.32	0	\$ -		\$ -	\$ -	\$ -	0	\$ -	0.00%	\$ -
49 - CO#12	1.5" TR Jumpers	EA	\$ 75.00	184	\$ 13,800.00		\$ -	184	\$ 13,800.00	184	\$ 13,800.00	0.00%	\$ -
Lids													
40	12 x 20 Meter Box Lid	EA	\$ 42.00	17205	\$ 722,610.00	17200	\$ 722,400.00	(1308)	\$ (54,936.00)	15892	\$ 667,464.00	92.37%	\$ 55,146.00
40 - CO#12	12 x 20 Meter Box Lid	EA	\$ 42.00	(1313)	\$ (55,146.00)		\$ -		\$ -	0	\$ -	0.00%	\$ (55,146.00)
41	17 x 30 Meter Box Lid	EA	\$ 85.00	2703	\$ 229,755.00	2703	\$ 229,755.00		\$ -	2703	\$ 229,755.00	100.00%	\$ -
42	15 x 26 (.65) Meter Box Lid	EA	\$ 74.00	600	\$ 44,400.00	600	\$ 44,400.00		\$ -	600	\$ 44,400.00	100.00%	\$ -
47A - CO#12	DFW 19 x 11 Gray No Hk A/Float Meter Box Lid	EA	\$ 45.22	1	\$ 45.22			1	\$ 45.22	1	\$ 45.22	100.00%	\$ -
47B - CO#12	DFW 9 x 14 Deep No Hk Meter Box Lid	EA	\$ 32.75	30	\$ 982.50			30	\$ 982.50	30	\$ 982.50	100.00%	\$ -
47C - CO#12	DFW Small No Hk Meter Box Lid	EA	\$ 48.45	200	\$ 9,690.00			200	\$ 9,690.00	200	\$ 9,690.00	100.00%	\$ -
47D - CO#12	DFW 13 x 23 Deep No Hk Meter Box Lid	EA	\$ 67.92	65	\$ 4,414.80			65	\$ 4,414.80	65	\$ 4,414.80	100.00%	\$ -
50	Sales Tax on Equipment (9.5%) - Value adjusted CO#6	LS	\$ 581,945.35		\$ 581,945.35		\$ 571,302.02		\$ 10,643.33		\$ 581,945.35	100.00%	\$ -
50 - CO#12	Sales Tax on Equipment (9.5%)	LS	\$ 508.47		\$ 508.47		\$ -		\$ 508.47		\$ 508.47	100.00%	\$ -
Subtotal					\$ 6,713,576.54		\$ 6,585,036.82		\$ 128,539.72		\$ 6,713,576.54	100.00%	\$ -
Installation													
51	Install 3/4" x 1" PD Meter, MIU, any ancillary equipment	EA	\$ 65.00	17064	\$ 1,109,160.00	16373	\$ 1,064,245.00		\$ -	16373	\$ 1,064,245.00	95.95%	\$ 44,915.00
51 - CO#12	Install 3/4" x 1" PD Meter, MIU, any ancillary equipment	EA	\$ 65.00	(691)	\$ (44,915.00)		\$ -		\$ -	0	\$ -	0.00%	\$ (44,915.00)
52	Install 1" PD Meter, MIU, any ancillary equipment	EA	\$ 65.00	2405	\$ 156,325.00	2237	\$ 145,405.00		\$ -	2237	\$ 145,405.00	93.01%	\$ 10,920.00
52 - CO#12	Install 1" PD Meter, MIU, any ancillary equipment	EA	\$ 65.00	(168)	\$ (10,920.00)		\$ -		\$ -	0	\$ -	0.00%	\$ (10,920.00)
53	Install 1 1/2" PD Meter, MIU, any ancillary equipment	EA	\$ 262.50	602	\$ 158,025.00	602	\$ 158,025.00		\$ -	602	\$ 158,025.00	100.00%	\$ -
53 - CO#12	Install 1 1/2" PD Meter, MIU, any ancillary equipment	EA	\$ 262.50	47	\$ 12,337.50		\$ -	47	\$ 12,337.50	47	\$ 12,337.50	100.00%	\$ -
54	Install 2" PD Meter, MIU, any ancillary equipment	EA	\$ 262.50	429	\$ 112,612.50	408	\$ 107,100.00		\$ -	408	\$ 107,100.00	95.10%	\$ 5,512.50
54 - CO#12	Install 2" PD Meter, MIU, any ancillary equipment	EA	\$ 262.50	(21)	\$ (5,512.50)		\$ -		\$ -	0	\$ -	0.00%	\$ (5,512.50)
55	Install 1 1/2" Turbine Meter, MIU, any ancillary equipment	EA	\$ 262.50	242	\$ 63,525.00	183	\$ 48,037.50		\$ -	183	\$ 48,037.50	75.62%	\$ 15,487.50
55 - CO#12	Install 1 1/2" Turbine Meter, MIU, any ancillary equipment	EA	\$ 262.50	(59)	\$ (15,487.50)		\$ -		\$ -	0	\$ -	0.00%	\$ (15,487.50)
56	Install 2" Turbine Meter, MIU, any ancillary equipment	EA	\$ 262.50	366	\$ 96,075.00	366	\$ 96,075.00		\$ -	366	\$ 96,075.00	100.00%	\$ -
56 - CO#12	Install 2" Turbine Meter, MIU, any ancillary equipment	EA	\$ 262.50	52	\$ 13,650.00		\$ -	52	\$ 13,650.00	52	\$ 13,650.00	100.00%	\$ -
57	Install pre-drilled Meter Box Lid	EA	\$ 6.50	21108	\$ 137,202.00	18096	\$ 117,624.00		\$ -	18096	\$ 117,624.00	85.73%	\$ 19,578.00
57 - CO#12	Install pre-drilled Meter Box Lid	EA	\$ 6.50	(3012)	\$ (19,578.00)		\$ -		\$ -	0	\$ -	0.00%	\$ (19,578.00)
58	Mobilization	LS	\$ 20,000.00	1	\$ 20,000.00	1	\$ 20,000.00		\$ -	1	\$ 20,000.00	100.00%	\$ -
59	Project Management Fee (Meter Installation)	LS	\$ 150,000.00		\$ 150,000.00		\$ 150,000.00		\$ (37,500.00)		\$ 112,500.00	75.00%	\$ 37,500.00
59 - CO#12	Project Management Fee (Meter Installation)	LS	\$ (37,500.00)		\$ (37,500.00)		\$ -		\$ -	0	\$ -	0.00%	\$ (37,500.00)
60	Printing Fees (Door Hangers)	EA	\$ 0.50	21108	\$ 10,554.00	20268	\$ 10,134.00		\$ -	20268	\$ 10,134.00	96.02%	\$ 420.00
60 - CO#12	Printing Fees (Door Hangers)	EA	\$ 0.50	(840)	\$ (420.00)		\$ -		\$ -	0	\$ -	0.00%	\$ (420.00)
61	Call Center Support Fees	LS	\$ 10,000.00	1	\$ 10,000.00	1	\$ 10,000.00		\$ -	1	\$ 10,000.00	100.00%	\$ -
62	Return to Utility (RTU) Charges	EA	\$ 10.00	0	\$ -		\$ -		\$ -	0	\$ -	0.00%	\$ -
63	Staging Site/Warehouse Space	LS	\$ 12,000.00	1	\$ 12,000.00	1	\$ 12,000.00		\$ -	1	\$ 12,000.00	100.00%	\$ -

CONTINUATION SHEET

AIA DOCUMENT G703

AIA Document G702 APPLICATION AND CERTIFICATION FOR PAYMENT, containing Contractor's signed certification, is attached.	APPLICATION #:	23 - FINAL
	APPLICATION DATE:	4/11/2023
	PERIOD:	10/29/2022 - END
	PROJECT NAME:	Advanced Metering Infrastructure (AMI) & Meter Installation Services

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE				D WORK COMPLETED						G % COMPLETE (F ÷ C)	H BALANCE TO FINISH (C - F)
		UOM	UNIT PRICE	QTY	EXTENDED PRICE	FROM PREVIOUS PAY APPLICATIONS		THIS PERIOD		TOTAL TO DATE			
						QTY	EXTENDED PRICE	QTY	EXTENDED PRICE	QTY	EXTENDED PRICE		
64	Time & Material Hourly Rate for Out-of-Scope Work	EA	\$ 125.00	0	\$ -		\$ -		\$ -	0	\$ -	0.00%	\$ -
65 - CO#1	Increase in Installation charges due to updated special wage determination rate for a meter technician. (Total increase to be billed as a lump sum amount assessed in 4 equal installments per Craig Jones/Wes Hughes agreement.)	LS	\$ 132,076.60	1	\$ 132,076.60	1	\$ 132,076.60		\$ -	1	\$ 132,076.60	100.00%	\$ -
66 - CO#2	Printing & mailing of customer postcards in advance of meter installation. (Total to be billed as a lump sum amount assessed in 4 equal installments per Craig Jones/Wes Hughes agreement.)	LS	\$ 21,108.00	1	\$ 21,108.00	1	\$ 21,108.00		\$ -	1	\$ 21,108.00	100.00%	\$ -
	Subtotal				\$ 2,080,317.60		\$ 2,091,830.10		\$ (11,512.50)		\$ 2,080,317.60	100.00%	\$ -
	CONTRACT TOTAL				\$ 9,310,804.39		\$ 9,174,553.73		\$ 136,250.66		\$ 9,310,804.39	100.00%	\$ -



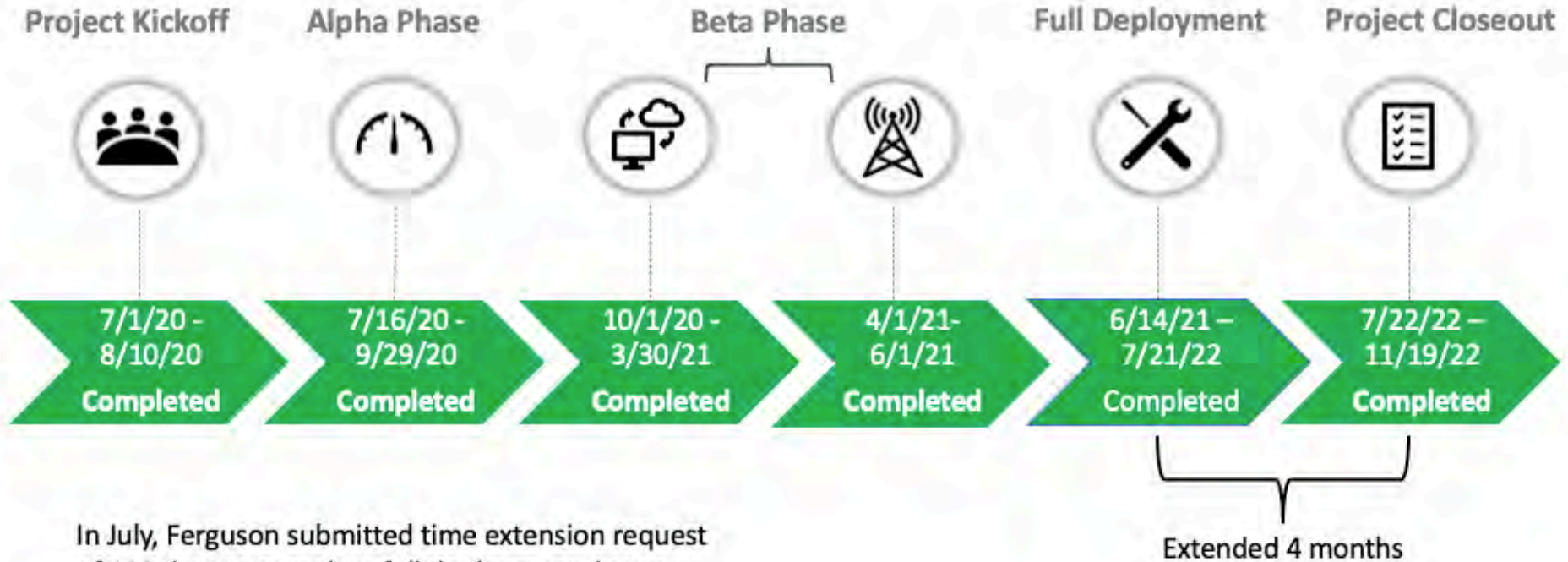
LVMWD
Advanced
METER PROJECT



Project Team



AMI Project Timeline



In July, Ferguson submitted time extension request of 112 days to complete full deployment due to pandemic impacts and supply chain challenges

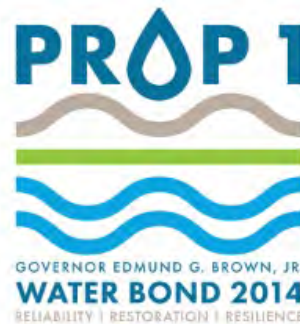


Funding

Kahne adjust
total expense
as needed

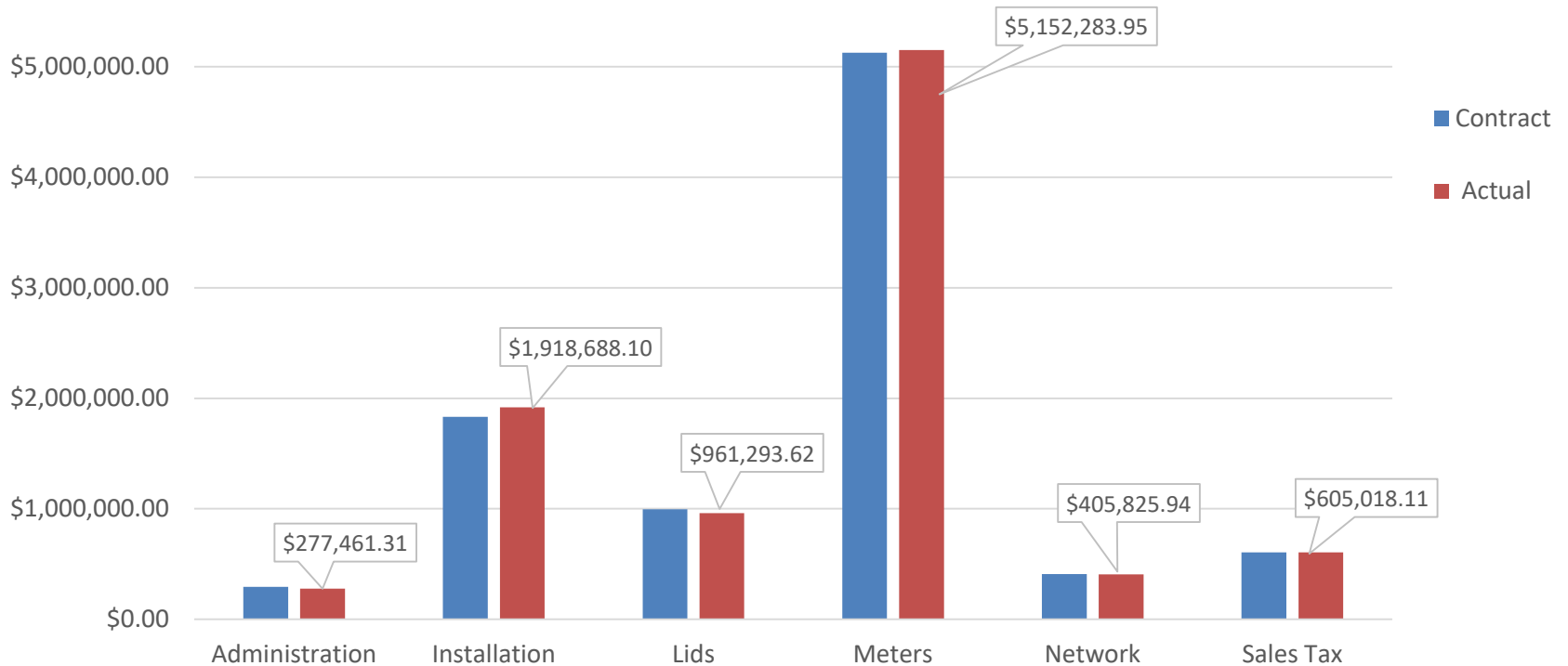
- Project expenditures remained within budget
- Total Project Appropriation - \$11,171,301.09
- Total Expenditures - **\$9,829,616.03 (88%)**
- 2021 - Bureau of Reclamation Grant **\$500,000**
- 2020 - Prop 1 IRWMP **\$715,114.11**

Pending Grant funding for project = **\$1.2M**



— BUREAU OF —
RECLAMATION

Ferguson Budget Summary



Ferguson Budget Summary

Category	Contract	Actual	Difference
Administration	\$ 293,008.31	\$ 277,461.31	\$ (15,547.00)
Installation	\$ 1,832,924.50	\$ 1,918,688.10	\$ 85,763.60
Lids	\$ 996,765.00	\$ 961,293.62	\$ (35,471.38)
Meters	\$ 5,126,643.02	\$ 5,152,283.95	\$ 25,640.93
Network	\$ 408,000.00	\$ 405,825.94	\$ (2,174.06)
Sales Tax	\$ 605,521.26	\$ 605,018.11	\$ (503.15)
Grand Total	\$ 9,262,862.09	\$ 9,320,571.03	\$ 57,708.94



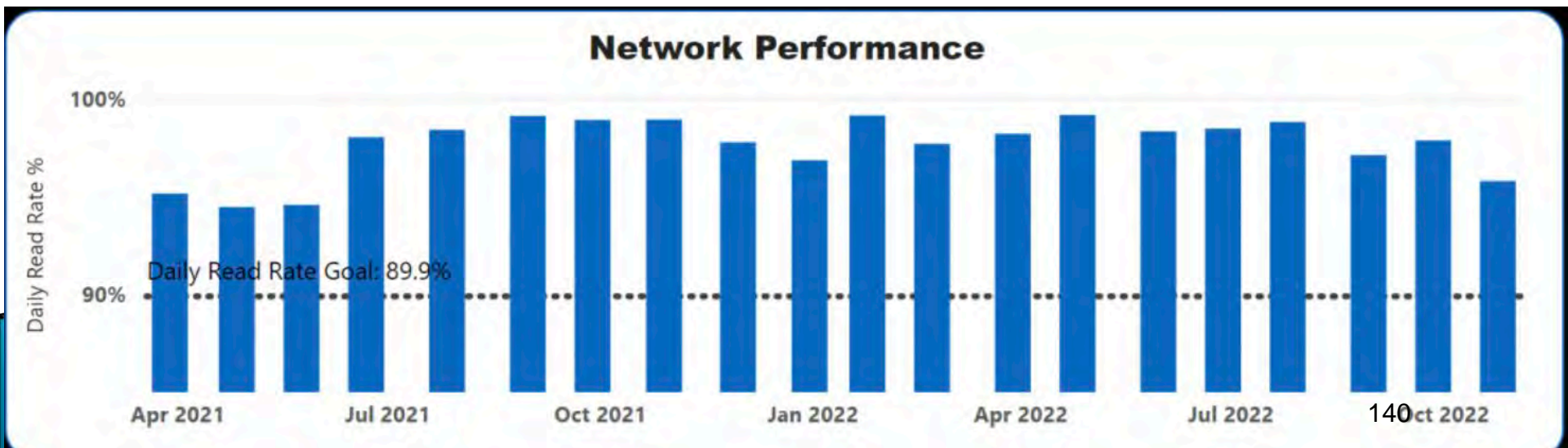
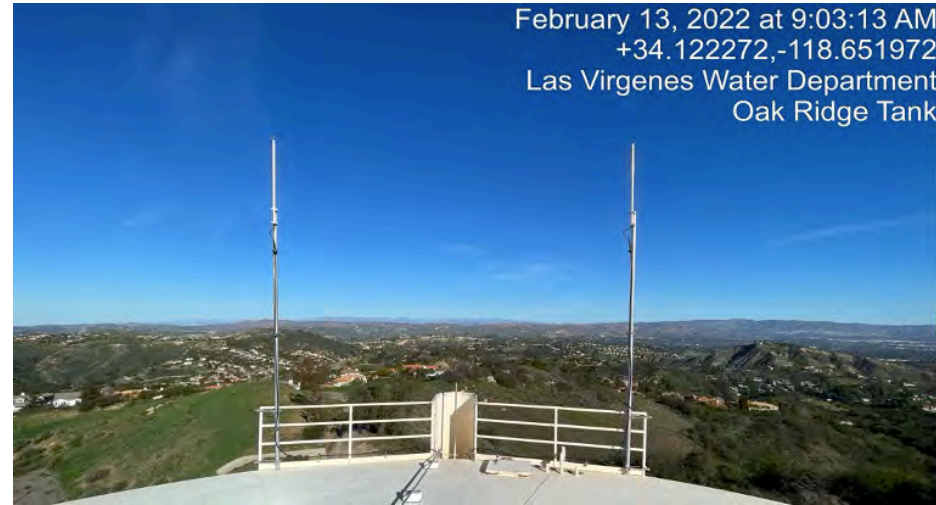
Total Project Costs: Forecast

Vendor	Contract	Forecast	Difference
Ferguson	\$ 9,262,862.09	\$ 9,320,571.03	\$ 57,708.94
MeterSYS	\$ 379,245.00	\$ 454,245.00	\$ 75,000.00
WaterSmart Implementation Support	\$ 27,500.00	\$ 27,500.00	-
AUS (Billing Software)	\$ 27,300.00	\$ 27,300.00	-
Grand Total	\$ 9,696,907.09	\$ 9,829,616.03	\$ 132,708.94

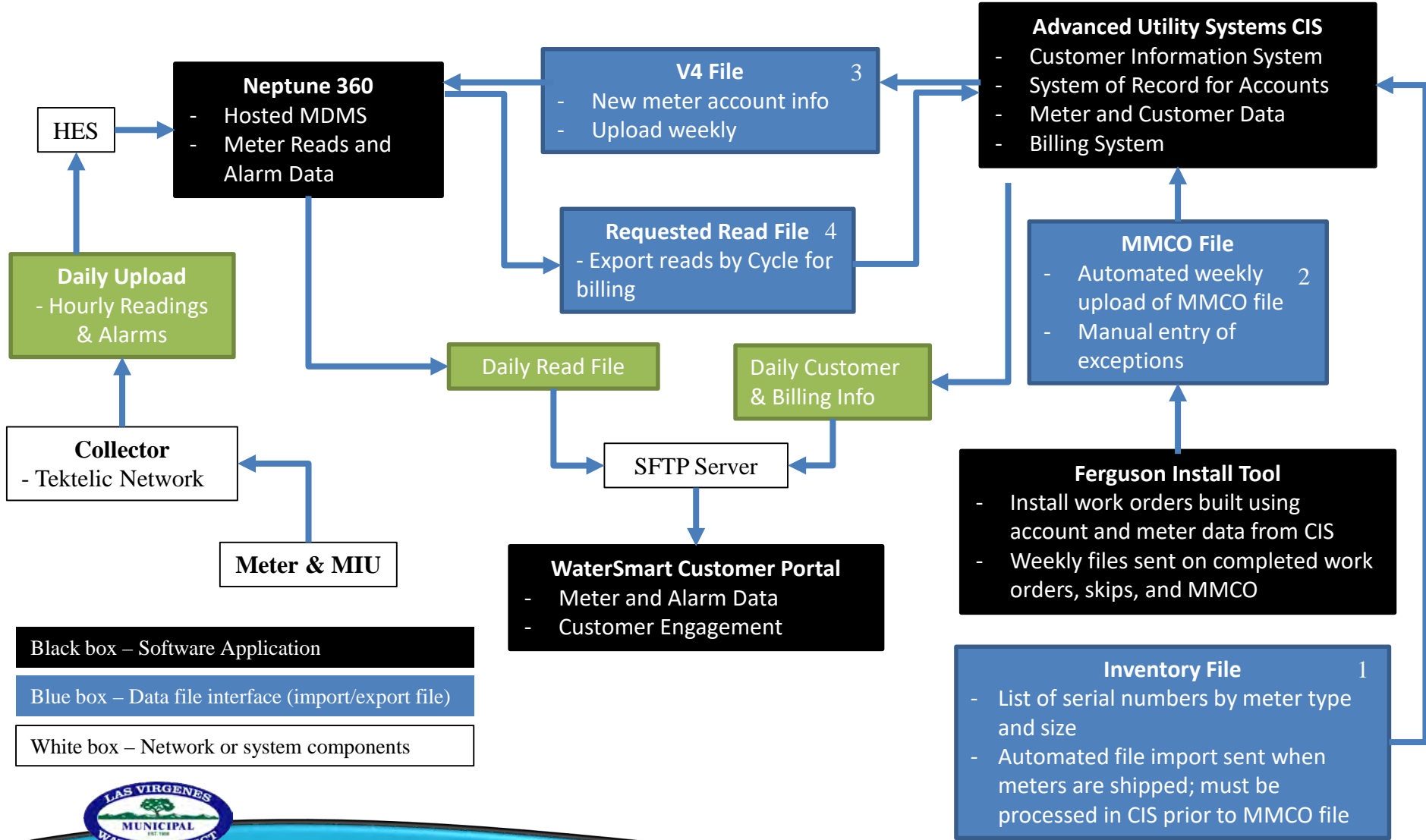


Network

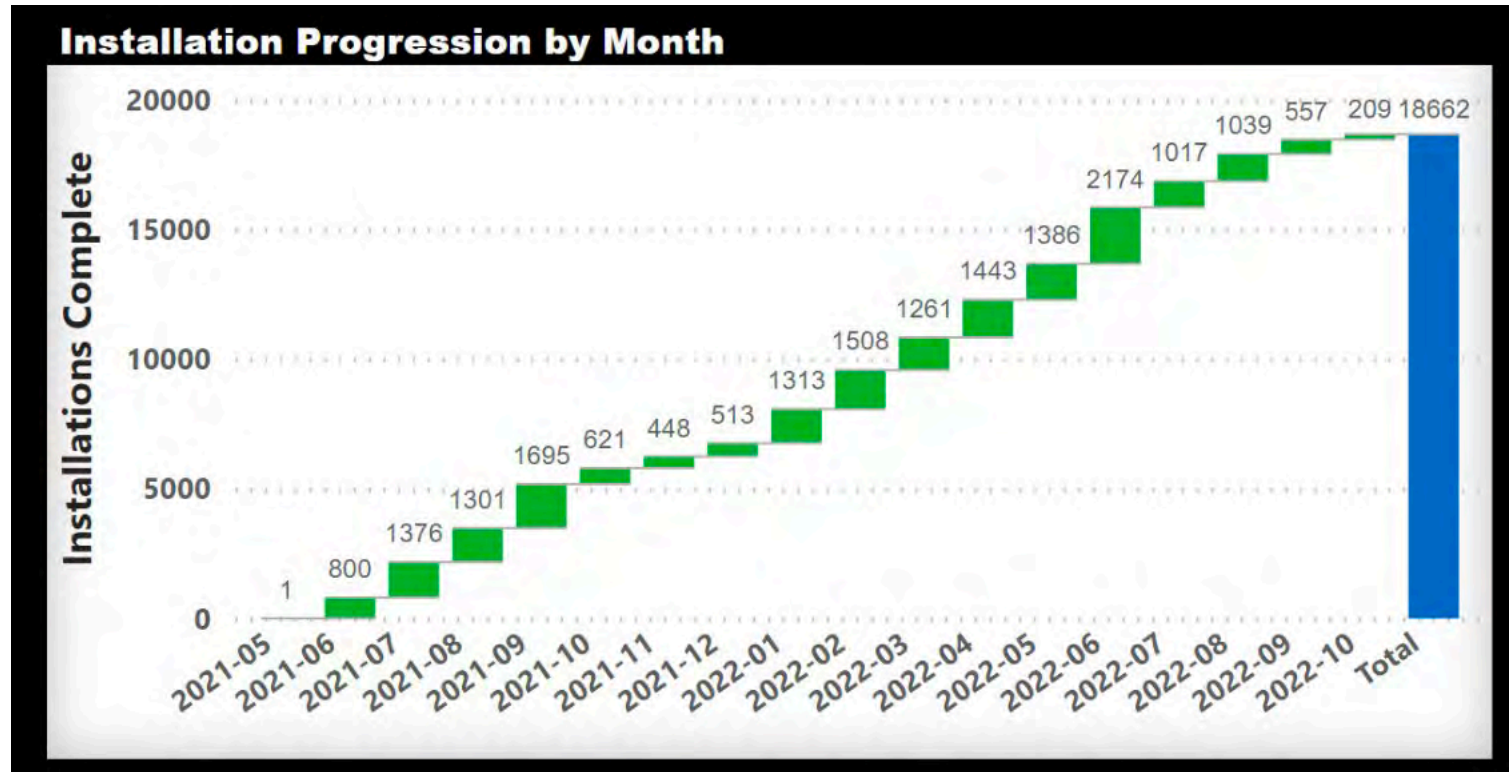
- Made network changes to improve coverage
- Experienced challenges with solar panels and weather
- Contracted coverage of 89.9% but actual coverage is $\geq 97\%$



Systems Integration



Installation Progression



Installation Summary

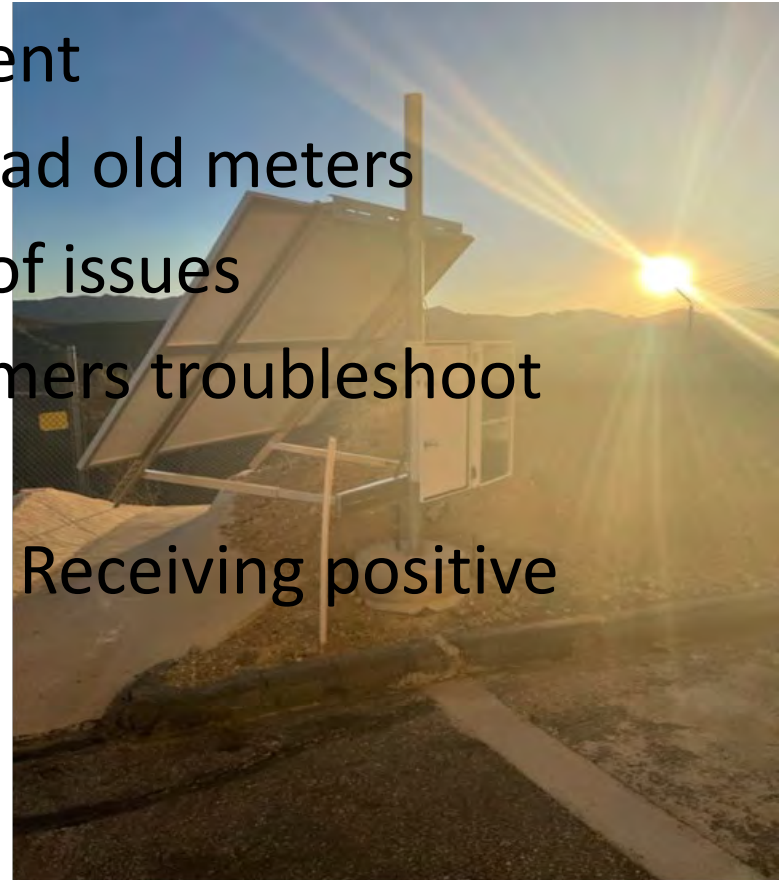
Devices Installed by Meter Size

Meter Size	District Installs	Ferguson Installs	Total Installs
	4		4
3/4"	6	406	412
3/4"x1"	260	15972	16232
1"	56	2237	2293
1 1/2"	2	831	833
2"	1	826	827
6"	1		1
Total	330	20272	20602



AMI System Benefits

- ✓ Read and bill dates more consistent
- ✓ Leveraging AMI system to also read old meters
- ✓ Notifying customers proactively of issues
- ✓ Using interval data to help customers troubleshoot issues and confirm resolution
- ✓ Leak Detection and Notification - Receiving positive feedback from customers



WaterSmart Customer Engagement Portal

Portal Registrations

225 in past 90 days

Registered Accounts
since program start

6,003

Total %
among eligible accounts

28.2%

Portal Visitors

Past 30 Days
unique visitors

858

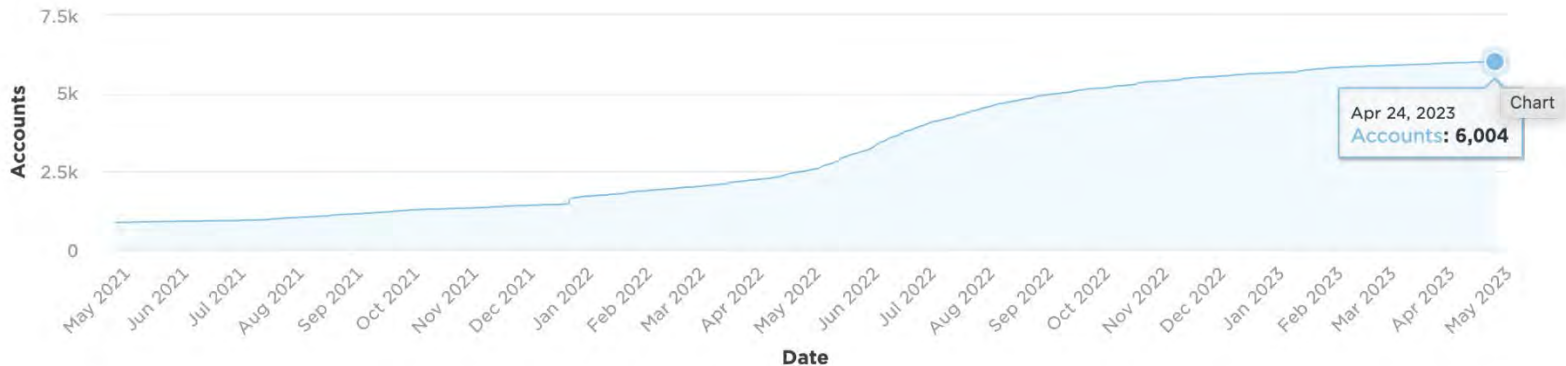
Past 90 Days
unique visitors

1639

Registered Accounts

METER CLASS

All



Data Driving Conservation Efforts

Consumption

657 MG in Period 2023-3

Compared to previous period

▲ 25%

Compared to one year ago

▼ 60%

TOTAL MG BY READING PERIOD



Water Budgets

89% within water budget in Period 2023-03

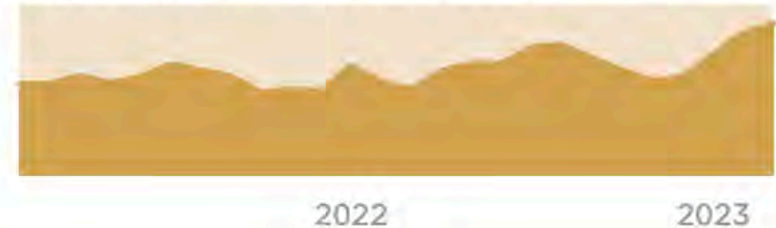
Compared to previous period

▲ 4.8%

Compared to one year ago

▲ 74%

% ACCOUNTS WITHIN WATER BUDGET



Data Driving Conservation Efforts

Leak Alert History

ALERTS SENT LEAK VOLUME SAVINGS

WaterSmart evaluates the impact of leak alerts on total water consumption utilizing a natural experiment which formed based upon our ability to notify customers with a detected leak. To learn more about our leak savings calculation methodology, [click here](#).

TIME PERIOD

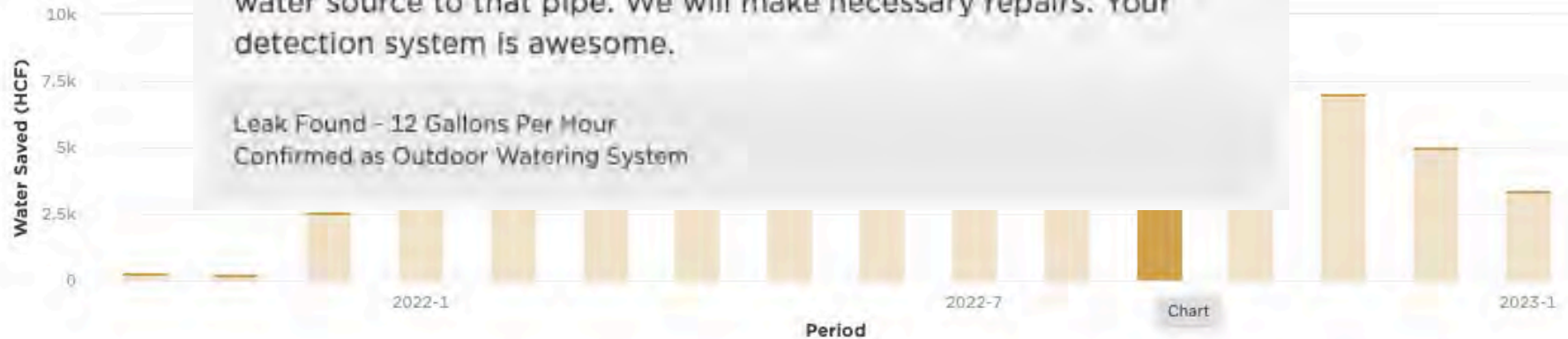
Reading Period

APR 8, 2022

Cindy Rakowitz

Plumber found a cracked pipe outside. He was able to cut off the water source to that pipe. We will make necessary repairs. Your detection system is awesome.

Leak Found - 12 Gallons Per Hour
Confirmed as Outdoor Watering System



Data Driving Conservation Efforts

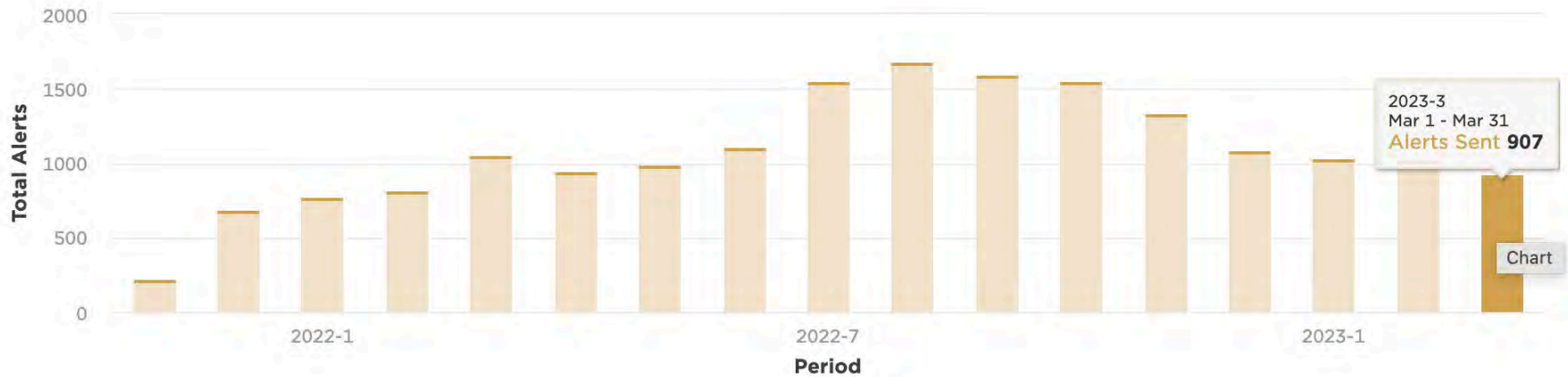
Leak Alert History

ALERTS SENT LEAK VOLUME SAVINGS

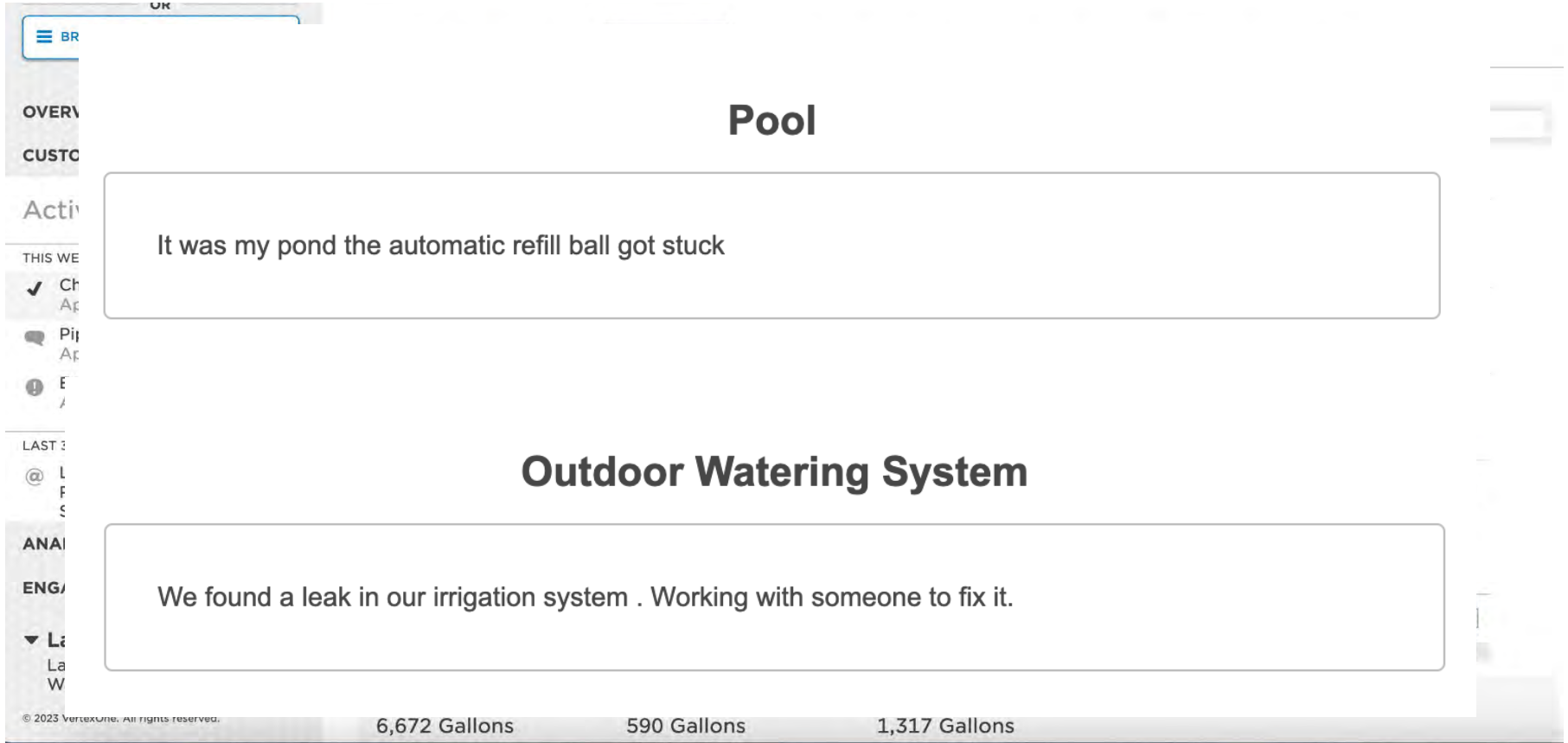
The number of alerts sent is a function of the leak detection thresholds configured for your utility, and the availability of customer contact information. As we collect more customer email addresses, or begin to send opt-out alerts via text, voice, or print, the number of alerts sent will increase.

TIME PERIOD

Reading Period



Data Driving Conservation Efforts



Project Milestones

- ✓ 20,798 Meters successfully installed
- ✓ Only 96 (>1%) of installs returned to utility
- ✓ \$240,000 annual savings – meter reading services
- ✓ \$91,980 material and labor savings – network
- ✓ \$82,754 revenue generated – scrapping old meters
- ✓ 97% Network service area coverage
- ✓ Only 9 formal opt-outs



Next Steps

- Leverage data for improved hydraulic modeling
- Continue to refine and streamline processes
- Use data for improved decision-making
- Leverage WaterSmart for water efficiency efforts
- Work with Vertex One – expand water budget visualization



The infographic is set against a blue background with a white semi-circle at the bottom. It features four columns of information, each with an icon and a title. Below the columns is an illustration of a blue building with a person standing next to a water meter. The number '151' is visible in the bottom right corner of the infographic area.

Icon	Title	Description
Bar chart	24/7 Customer Analytics	New online tools will help our customers easily manage their household water use. Customers can register to receive alerts for leaks or high water use through email or text message.
Water drop	Reduced Water Loss	Customers can quickly check water usage or detect leaks, which can save money and prevent costly repairs/damage.
Leaf	Environmentally Sustainable	Less LVMWD fleet vehicles on the road means less emissions to our environment and community.
Smartphone	Daily Bill Information	Customers can review their near real-time water usage to better manage their water bill. They can also set household water budgets in order to be notified if they're about to exceed their water budget.



LVMWD
Advanced
METER PROJECT
CUSTOMER CONNECT

CREATE YOUR NEW
ADVANCED METER
ACCOUNT NOW!

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