



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

AGENDA
LVMWD BOARD OF DIRECTORS - REGULAR MEETING
TUESDAY, MARCH 19, 2024 – 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/82391132792>

To join by telephone, please dial (669) 900-6833 or (346) 248-7799 and enter Webinar ID:
823 9113 2792

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: March 19, 2024 (Pg. 5)**

Receive and file.

4.B **Minutes: Regular Meeting of March 5, 2024 (Pg. 69)**

Approve.

4.C **Directors' Per Diem: February 2024 (Pg. 76)**

Ratify.

4.D **Annual Supply and Delivery of Polymer: Award (Pg. 83)**

Accept the bid from Solenis, LLC, and authorize the General Manager to issue a one-year purchase order, in the amount of \$215,824.50, with four one-year renewal options using a mutually-agreeable inflationary factor for the supply and delivery of polymer.

4.E **2023 Las Virgenes Reservoir (Westlake) Dam Settlement Report (Pg. 115)**

Receive and file the 2023 Las Virgenes Reservoir (Westlake) Dam Settlement Report.

4.F **Water Main Breaks at 5745 Parkmor Road and Valley Circle Boulevard near Dorie Drive: Continuation of Emergency Declaration (Pg. 159)**

Approve the continuation of an emergency declaration due to a 12-inch water main break at 5745 Parkmor Road in the City of Calabasas and a 30-inch water main break along Valley Circle Boulevard near Dorie Drive in West Hills.

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

5.A **Presentation on Delta Conveyance Project (Pg. 160)**

5.B **MWD Representative Report (Pg. 184)**

5.C **Legislative and Regulatory Updates**

6. **TREASURER**

7. **FACILITIES AND OPERATIONS**

7.A **Purchase of Chemical Dosing Trailer: Authorization (Pg. 190)**

Waive the competitive bidding requirements and authorize the General Manager to issue a purchase order to PSI Water Technologies, Inc., in the amount of \$155,300, for one Monoclor Residual Control Station Trailer.

8. **FINANCE AND ADMINISTRATION**

8.A **Workers Compensation Insurance: Award (Pg. 192)**

Accept the proposal from The Zenith, A Fairfax Company, and authorize the General Manager to execute a one-year agreement, in the amount of \$205,589, with four one-year renewal options for workers compensation insurance provided through the

California Association of Mutual Water Companies Joint Powers Risk and Insurance Management Authority.

8.B **Annual Property and Liability Insurance: Renewal (Pg. 239)**

Accept the proposal from Assured Partners, in the aggregate amount of \$3,018,556, and authorize the General Manager to execute the necessary contracts and forms to purchase property and liability insurance for the term of April 1, 2024, through March 31, 2025.

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**

*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*

12. **CLOSED SESSION**

12.A **Conference with District Counsel - Anticipated Litigation (Government Code Section 54956.9(d)(2)): One Item**

Tort claim by Iosif Mermelshtayn

12.B **Conference with Legal Counsel - Existing Litigation (Government Code Section 54956.9)**

Pacific Bell v. Las Virgenes Municipal Water District

13. **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 : March 19, 2024

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. 109228-109368; 36-37 through were issued in the total amount of: \$ 757,783.97

Payments through direct disbursements as follows:

2/27/2024 Direct Disbursement payment number 24177: \$ 149.20

Payments through wire transfers as follows:

2/20/2024 Metropolitan Water District payment for water deliveries in the month of January 2024 \$ 959,604.37

2/27/2024 Camarillo Escrow Wire Payment for Malibou Lake Escrow Easement Acquisition \$ 26,500.00

\$ 986,104.37

Total Payments \$ 1,744,037.54

(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
3/19/2024**

Company Name	Company No.	Check No. 109228-109292 02/20/24 Amount	Check No. 109293-109368; 36-37 02/27/24 Amount	Total
Potable Water Operations	101	33,999.02	67,484.98	101,484.00
Recycled Water Operations	102			-
Sanitation Operations	130	120.79	1,717.89	1,838.68
Potable Water Construction	201		172.00	172.00
Water Conservation Construction	203			-
Sanitation Construction	230			-
Potable Water Replacement	301		671.40	671.40
Recycled Water Replacement	302		2,582.73	2,582.73
Sanitation Replacement	330			-
Internal Service	701	102,039.27	48,972.23	151,011.50
JPA Operations	751	268,581.52	94,023.02	362,604.54
JPA Construction	752			-
JPA Replacement	754	10,211.00	127,378.56	137,589.56
Total Printed		414,951.60	343,002.81	757,954.41
Voided Checks/payment stopped:				
Check# 108937	101	(170.44)		(170.44)
				-
				-
				-
				-
Total Voids		(170.44)	-	(170.44)
Net Total		414,781.16	343,002.81	757,783.97

**DIRECT DISBURSEMENTS LISTING FOR BOARD MEETING
3/19/2024**

		Direct Disb. No. 24177 02/27/24	
Company Name	Company No.	Amount	Total
Potable Water Operations	101	2,442.99	2,442.99
Recycled Water Operations	102	-	-
Sanitation Operations	130	-	-
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	-	-
JPA Operations	751	-	-
JPA Construction	752	-	-
JPA Replacement	754	-	-
	Total Printed	2,442.99	2,442.99
Voided Direct Disbursements:			
Check# 24169	101	(2,293.79)	(2,293.79)
		-	-
	Total Voids	(2,293.79)	(2,293.79)
	Totals	149.20	149.20

**WIRE LISTING FOR BOARD MEETING
3/19/2024**

Company Name	Company No.	Wire No. 34 02/20/24 Amount	Wire No. 35 02/27/24 Amount	Total
Potable Water Operations	101	959,604.37		959,604.37
Recycled Water Operations	102			-
Sanitation Operations	130			-
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			-
JPA Operations	751			-
JPA Construction	752			-
JPA Replacement	754		26,500.00	26,500.00
	Total Printed	959,604.37	26,500.00	986,104.37
Voided Wires:		-	-	-
	Total Voids	-	-	-
	Totals	959,604.37	26,500.00	986,104.37

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
109228	02/20/2024	PRTD	2317 ACORN NEWSPAPER	2023-63893	11/03/2023		022024	865.00
			Invoice: 2023-63893					
				865.00 101900 660400	1/4 DISPLAY AD - OUTDOOR SAVINGS		11/3/23	
					Public Education Programs			
			ACORN NEWSPAPER	2024-77890	02/02/2024		022024	555.00
			Invoice: 2024-77890					
				555.00 101900 660400	1/4 DISPLAY AD - LANDSCAPE WKSHP		2/2/24	
					Public Education Programs			
					CHECK		109228 TOTAL:	1,420.00
109229	02/20/2024	PRTD	20389 AIRGAS SPECIALTY PRODUCTS	9146479960	01/31/2024		022024	7,088.22
			Invoice: 9146479960					
				7,088.22 751810 541013	30,640 LB AMMONIUM HYDROXIDE			
					Aqua Ammonia			
					CHECK		109229 TOTAL:	7,088.22
109230	02/20/2024	PRTD	3077 AIRGAS USA, LLC	5505748078	01/31/2024		022024	372.28
			Invoice: 5505748078					
				372.28 701002 551500	CYLINDER RENTAL JANUARY 2024			
					Outside Services			
					CHECK		109230 TOTAL:	372.28
109231	02/20/2024	PRTD	30729 AMAZON CAPITAL SERVICES, INC.	19XC-3HF4-DDWR	02/05/2024		022024	382.16
			Invoice: 19XC-3HF4-DDWR					
				382.16 701224 551500	SIGNAL METER			
					Outside Services			
			AMAZON CAPITAL SERVICES, INC.	1F47-QQ43-DMHY	02/05/2024		022024	121.33
			Invoice: 1F47-QQ43-DMHY					
				121.33 101600 541000	EYE BOLT & PARTITION HANGERS			
					Supplies/Material			
			AMAZON CAPITAL SERVICES, INC.	1KPG-THW7-DYM1	02/06/2024		022024	153.24
			Invoice: 1KPG-THW7-DYM1					
				153.24 701420 543000	4 WIRELESS KEYBOARD & MOUSE			
					Capital Outlay			
			AMAZON CAPITAL SERVICES, INC.	1V6L-76VD-NF39	02/07/2024		022024	21.89
			Invoice: 1V6L-76VD-NF39					
				21.89 701420 543000	HDMI CABLE			
					Capital Outlay			
			AMAZON CAPITAL SERVICES, INC.	1F3Y-QR6N-9XM1	02/01/2024		022024	30.44
			Invoice: 1F3Y-QR6N-9XM1					
				30.44 701321 572500	PENS			
					Genl Supplies/Small Tools			
			AMAZON CAPITAL SERVICES, INC.	1V97-GKY7-TWPF	02/07/2024		022024	158.37
			Invoice: 1V97-GKY7-TWPF					
				158.37 751820 551000	VACUUM			
					Supplies/Material			
			AMAZON CAPITAL SERVICES, INC.	13YD-6K7M-MHKG	02/02/2024		022024	85.21
			Invoice: 13YD-6K7M-MHKG					
				85.21 701321 572500	MILWAUKEE ELECTRIC TOOLS & BIT SET			
					Genl Supplies/Small Tools			

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	109231 TOTAL:	952.64
109232 02/20/2024 PRTD 16224 ASBURY ENVIRONMENTAL SERVICES I500-01026212	02/06/2024		022024	100.00
Invoice: I500-01026212				
100.00 751810 551500 WASTE OIL DISPOSAL Outside Services				
		CHECK	109232 TOTAL:	100.00
109233 02/20/2024 PRTD 20695 AT&T A/C -0051	02/05/2024		022024	1,998.69
Invoice: 00515552/020524				
107.18 101600 540520 SRV 2/5-3/4/24 Telephone				
53.58 130100 540520 Telephone				
67.21 130100 540520 Telephone				
816.19 751810 540520 Telephone				
372.56 701002 540520 Telephone				
42.30 701001 540520 Telephone				
111.03 751820 540520 Telephone				
53.58 101107 540520 Telephone				
53.58 101107 540520 Telephone				
53.58 101104 540520 Telephone				
53.58 101108 540520 Telephone				
53.58 101117 540520 Telephone				
53.58 101110 540520 Telephone				
53.58 101121 540520 Telephone				
53.58 101123 540520 Telephone				
		CHECK	109233 TOTAL:	1,998.69
109234 02/20/2024 PRTD 2869 AT&T	02/05/2024		022024	233.22
Invoice: 90545245/020524				
233.22 101122 540520 SVCS 2/5-3/4/24 Telephone				
		CHECK	109234 TOTAL:	233.22
109235 02/20/2024 PRTD 9631 AT&T LONG DISTANCE	02/04/2024		022024	18.37
Invoice: 806368136/020424				
4.42 701002 540520 LONG DIST SRV 12/30-2/1/24 Telephone				
5.34 701420 540520 Telephone				
7.94 751810 540520 Telephone				
.67 101300 540520 Telephone				
		CHECK	109235 TOTAL:	18.37
109236 02/20/2024 PRTD 16253 AT&T MOBILITY	02/03/2024		022024	3,546.05
Invoice: 992789332X02112024				
43.23 101300 540520 WIRELESS SRV 1/4-2/3/24 Telephone				

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								
				161.95 701122	540520		Telephone	
				79.64 701220	540520		Telephone	
				149.38 701221	540520		Telephone	
				318.73 701222	540520		Telephone	
				475.53 701224	540520		Telephone	
				43.23 701230	540520		Telephone	
				97.03 701320	540520		Telephone	
				381.12 701321	540520		Telephone	
				94.33 701322	540520		Telephone	
				120.25 701326	540520		Telephone	
				63.24 701330	540520		Telephone	
				1,011.52 701331	540520		Telephone	
				39.52 701350	540520		Telephone	
				248.26 701420	540520		Telephone	
				141.87 751810	540520		Telephone	
				77.22 751820	540520		Telephone	
						CHECK	109236 TOTAL:	3,546.05
109237	02/20/2024	PRTD	30119 ATS COMMUNICATIONS	12-2023				
			Invoice: 12-2023					
				1,155.00 701310	552500		01/05/2024 DECEMBER 2023 CELL SITE MGMT Consulting Services	1,155.00
			ATS COMMUNICATIONS	1-2024				
			Invoice: 1-2024					
				1,893.75 701310	552500		02/07/2024 JANUARY 2024 CELL SITE MGMT Consulting Services	1,893.75
						CHECK	109237 TOTAL:	3,048.75
109238	02/20/2024	PRTD	9067 AUSTIN-MAC, INC.	32885				
			Invoice: 32885					
				15,090.23 751820	551000		01/26/2024 BUCKET ELEVATOR PARTS Supplies/Material	15,090.23
						CHECK	109238 TOTAL:	15,090.23
109239	02/20/2024	PRTD	30710 BRANDON BANAGA & ASSOCIATES PAINT	1163				
			Invoice: 1163					
				4,685.00 701002	551500		02/02/2024 PAINTING SRV 2/2/24 Outside Services	4,685.00
						CHECK	109239 TOTAL:	4,685.00
109240	02/20/2024	PRTD	2487 CALABASAS CHAMBER OF COMMERCE	2092024-05				
			Invoice: 2092024-05					
				3,000.00 701230	660400		02/09/2024 INTERNATIONAL WOMENS DAY SPONSORSHIP 3/5/24 Public Education Programs	3,000.00
						CHECK	109240 TOTAL:	3,000.00

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
109241	02/20/2024	PRTD	5405 CALOLYMPIC SAFETY	404804	10/02/2023	2240053	022024	243.73
			Invoice: 404804					
				243.73 701	132000	PPE GLOVES	Storeroom & Truck Inventory	
						CHECK	109241 TOTAL:	243.73
109242	02/20/2024	PRTD	30050 CANON FINANCIAL SERVICES, INC.	32082204	02/10/2024		022024	667.81
			Invoice: 32082204					
				667.81 701420	620500	FEBRUARY 2024 CANON COPIER LEASE	Equip Rental	
						CHECK	109242 TOTAL:	667.81
109243	02/20/2024	PRTD	30770 CASEY CLAUSEN	092563/013024	01/30/2024		022024	155.36
			Invoice: 092563/013024					
				155.36 101	230500	RFND FINAL CR BAL 0001100446-092563	Deposit Refd Clearing-Billing	
						CHECK	109243 TOTAL:	155.36
109244	02/20/2024	PRTD	21655 CATALYST DIVING	12232023-1	12/23/2023		022024	12,556.00
			Invoice: 12232023-1					
				12,556.00 751200	541500	RESERVOIR INSPECTION 12/23/23	Outside Services	
						CHECK	109244 TOTAL:	12,556.00
109245	02/20/2024	PRTD	30769 CHARLES WEGHER	028903/013024	01/30/2024		022024	117.00
			Invoice: 028903/013024					
				117.00 101	230500	RFND FINAL CR BAL 0000630090-028903	Deposit Refd Clearing-Billing	
						CHECK	109245 TOTAL:	117.00
109246	02/20/2024	PRTD	30387 CINTAS CORPORATION NO. 3	4178172766	12/27/2023		022024	141.72
			Invoice: 4178172766					
				83.66 751820	551000	DECEMBER 2023 UNIFORMS/MATS/TOWELS	Supplies/Material	
				58.06 701999	731600	Uniforms		
			Invoice: 4177555910					
				83.66 751820	551000	DECEMBER 2023 UNIFORMS/MATS/TOWELS	Supplies/Material	141.72
				58.06 701999	731600	Uniforms		
			Invoice: 4176826871					
				83.66 751820	551000	DECEMBER 2023 UNIFORMS/MATS/TOWELS	Supplies/Material	141.72
				58.06 701999	731600	Uniforms		
			CINTAS CORPORATION NO. 3	4178173574	12/27/2023		022024	623.62

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: 4178173574				143.29 701002 551000	DECEMBER 2023 UNIFORMS/MATS/TOWELS			
				480.33 701999 731600	Supplies/Material			
					Uniforms			
Invoice: 9253417056			CINTAS CORPORATION NO. 3	9253417056	12/28/2023		022024	-265.94
				-265.94 701999 731600	CREDIT MEMO FOR INV#4177556275			
					Uniforms			
Invoice: 4177556275			CINTAS CORPORATION NO. 3	4177556275	12/20/2023		022024	858.62
				143.29 701002 551000	DECEMBER 2023 UNIFORMS/MATS/TOWELS			
				715.33 701999 731600	Supplies/Material			
					Uniforms			
Invoice: 4176827398			CINTAS CORPORATION NO. 3	4176827398	12/13/2023		022024	612.71
				143.29 701002 551000	DECEMBER 2023 UNIFORMS/MATS/TOWELS			
				469.42 701999 731600	Supplies/Material			
					Uniforms			
Invoice: 4181688590			CINTAS CORPORATION NO. 3	4181688590	01/30/2024		022024	79.81
				29.47 101600 551000	JANUARY 2024 UNIFORMS/MATS			
				50.34 701999 731600	Supplies/Material			
					Uniforms			
Invoice: 4176107993			CINTAS CORPORATION NO. 3	4176107993	12/06/2023		022024	232.03
				109.32 751810 551000	DECEMBER 2023 UNIFORMS/MATS/TOWELS			
				122.71 701999 731600	Supplies/Material			
					Uniforms			
Invoice: 4172524481			CINTAS CORPORATION NO. 3	4172524481	11/01/2023		022024	282.38
				109.32 751810 551000	NOVEMBER 2023 UNIFORMS/MATS/TOWELS			
				173.06 701999 731600	Supplies/Material			
					Uniforms			
Invoice: 4178172924			CINTAS CORPORATION NO. 3	4178172924	12/27/2023		022024	263.83
				109.32 751810 551000	DECEMBER 2023 UNIFORMS/MATS/TOWELS			
				154.51 701999 731600	Supplies/Material			
					Uniforms			
Invoice: 4177555942			CINTAS CORPORATION NO. 3	4177555942	12/20/2023		022024	264.37
				109.32 751810 551000	DECEMBER 2023 UNIFORMS/MATS/TOWELS			
				155.05 701999 731600	Supplies/Material			
					Uniforms			
Invoice: 4179042229			CINTAS CORPORATION NO. 3	4179042229	01/03/2024		022024	251.53
				109.32 751810 551000	JANUARY 2024 UNIFORMS/MATS/TOWELS			
				142.21 701999 731600	Supplies/Material			
					Uniforms			
Invoice: 4171810732			CINTAS CORPORATION NO. 3	4171810732	10/25/2023		022024	290.66
				109.32 751810 551000	OCTOBER 2023 UNIFORMS/MATS/TOWELS			
				181.34 701999 731600	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: 4181134642			CINTAS CORPORATION NO. 3	4181134642	01/24/2024		022024	251.53
				109.32 751810 551000	JANUARY 2024 UNIFORMS/MATS/TOWELS			
				142.21 701999 731600	Supplies/Material			
					Uniforms			
Invoice: 4180414566			CINTAS CORPORATION NO. 3	4180414566	01/17/2024		022024	251.53
				109.32 751810 551000	JANUARY 2024 UNIFORMS/MATS/TOWELS			
				142.21 701999 731600	Supplies/Material			
					Uniforms			
Invoice: 4179693624			CINTAS CORPORATION NO. 3	4179693624	01/10/2024		022024	251.53
				109.32 751810 551000	JANUARY 2024 UNIFORMS/MATS/TOWELS			
				142.21 701999 731600	Supplies/Material			
					Uniforms			
					CHECK	109246	TOTAL:	4,673.37
109247 02/20/2024 PRD	19270	COMMUNICATIONS RELAY, LLC	60695		02/01/2024		022024	1,118.39
Invoice: 60695				1,118.39 701420 540520	CASTRO PEAK RENT FEBRUARY 2024			
					Telephone			
					CHECK	109247	TOTAL:	1,118.39
109248 02/20/2024 PRD	20833	CPS HR CONSULTING	TR-INV003662		01/27/2024		022024	1,228.00
Invoice: TR-INV003662				1,228.00 701430 681000	PROCTOR TEST FOR OPERATIONS TECH			
					Recruitment Expense			
					CHECK	109248	TOTAL:	1,228.00
109249 02/20/2024 PRD	2601	DELL COMPUTER CORP.	10727753472		01/30/2024	2240115	022024	522.50
Invoice: 10727753472				522.50 701420 543000	ADOBE LICENSES			
					Capital Outlay			
					CHECK	109249	TOTAL:	522.50
109250 02/20/2024 PRD	11330	DIAL SECURITY	464466		01/18/2024		022024	748.64
Invoice: 464466				748.64 701002 551500	FIRE CONTROL PANEL SRVCS 1/16/24			
					Outside Services			
Invoice: 464407		DIAL SECURITY	464407		01/11/2024		022024	225.00
				225.00 701002 551500	FIRE CONTROL PANEL SRVCS 12/5/23			
					Outside Services			
Invoice: 462586		DIAL SECURITY	462586		12/06/2023		022024	200.00
				200.00 751820 551500	FIRE CONTROL PANEL SRVCS 12/4/23			
					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								
Invoice: 460934			DIAL SECURITY	460934	10/25/2023		022024	250.00
		250.00	751810	551800	FIRE CONTROL PANEL SRVCS 8/21/23 Building Maintenance			
Invoice: 464372			DIAL SECURITY	464372	01/05/2024		022024	241.61
		241.61	751820	551500	FIRE CONTROL PANEL SRVCS 1/3/24 Outside Services			
							CHECK 109250 TOTAL:	1,665.25
109251	02/20/2024	PRTD	30724 DIG ALERT DONE RIGHT LLC	1523	02/08/2024		022024	124,903.87
	Invoice: 1523			124,903.87	751810	543000	REPLACE MEDIA FOR TERTIARY FILTERS Capital Outlay	
							CHECK 109251 TOTAL:	124,903.87
109252	02/20/2024	PRTD	7257 DIRECTV, INC.	015016309X240211	02/11/2024		022024	36.19
	Invoice: 015016309X240211			36.19	701001	551500	TV ACCESS FEE 2/10-3/9/24 Outside Services	
Invoice: 013810616X240206			DIRECTV, INC.	013810616X240206	02/06/2024		022024	194.30
		194.30	101600	551500	TV ACCESS FEE 2/5-3/4/24 & BUS ANNU SRV FEE Outside Services			
Invoice: 017818825X240213			DIRECTV, INC.	017818825X240213	02/13/2024		022024	29.37
		29.37	751820	551500	TV ACCESS FEE 2/12-3/11/24 Outside Services			
							CHECK 109252 TOTAL:	259.86
109253	02/20/2024	PRTD	20685 DOCUMENT SYSTEMS INC	IN3947633	01/29/2024		022024	199.94
	Invoice: IN3947633			199.94	701420	621500	CANON OVRG 12/24-1/23/24 System Support and Maintenance	
							CHECK 109253 TOTAL:	199.94
109254	02/20/2024	PRTD	19025 EMPIRE SAFETY & SUPPLY	0122731-IN	02/07/2024	2240109	022024	209.80
	Invoice: 0122731-IN			209.80	701	132000	EXAM GLOVES Storeroom & Truck Inventory	
							CHECK 109254 TOTAL:	209.80
109255	02/20/2024	PRTD	30364 GEOTAB USA, INC	IN370607	01/31/2024		022024	1,619.50
	Invoice: IN370607			1,619.50	701326	622500	PRO PLUS PLAN & SUPPORT JANUARY 2024 Radio Maintenance Expense	

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	109255 TOTAL:	1,619.50
109256	02/20/2024	PRTD	2701 GRAINGER	9008260219	02/02/2024		022024	94.74	
Invoice: 9008260219				94.74	101900	572500	SCRATCH BRUSH Genl Supplies/Small Tools		
Invoice: 9005955605				70.63	101900	572500	02/01/2024 FLANGE GASKET Genl Supplies/Small Tools	70.63	
Invoice: 9973831473				75.16	701325	551000	01/24/2024 LABEL TAPE Supplies/Material	75.16	
Invoice: 9976009515				22.78	101900	572500	01/25/2024 BATTERY Genl Supplies/Small Tools	22.78	
Invoice: 9003344497				291.14	101900	572500	01/30/2024 THREAD SEALANT TAPE, CEMENT, PRIMER & BATTERY Genl Supplies/Small Tools	291.14	
							CHECK	109256 TOTAL:	554.45
109257	02/20/2024	PRTD	18646 HDR ENGINEERING, INC.	1200594098	02/06/2024		022024	8,808.00	
Invoice: 1200594098				8,808.00	754440	900000	MALIBOU SIPHON JANUARY 2024 Capital Asset Expenses		
							CHECK	109257 TOTAL:	8,808.00
109258	02/20/2024	PRTD	30781 HOT LINE CONSTRUCTION INC	092433/013024	01/30/2024		022024	2,569.18	
Invoice: 092433/013024				2,569.18	101	230500	RFND FINAL CR BAL 0010001816-092433 Deposit Refd Clearing-Billing		
							CHECK	109258 TOTAL:	2,569.18
109259	02/20/2024	PRTD	17335 KAESER COMPRESSORS INC.	916477786	12/21/2023	2240096	022024	1,897.41	
Invoice: 916477786				1,897.41	751830	551000	SAFETY VALVE Supplies/Material		
							CHECK	109259 TOTAL:	1,897.41
109260	02/20/2024	PRTD	2547 LOS ANGELES COUNTY SANITATION DIS	48892/113023	11/30/2023		022024	785.37	
Invoice: 48892/113023				785.37	751810	541500	TAPIA GRIT HAULING NOVEMBER 2023 Outside Services		
					12/31/2023		022024	611.04	
				48892/123123					

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: 48892/123123				611.04 751810 541500	01/31/2024			
					TAPIA GRIT HAULING DECEMBER 2023 Outside Services			
Invoice: 48892/013124			LOS ANGELES COUNTY SANITATION DIS	48892/013124	01/31/2024		022024	1,499.54
				1,499.54 751810 541500	TAPIA GRIT HAULING JANUARY 2024 Outside Services			
							CHECK 109260 TOTAL:	2,895.95
109261	02/20/2024	PRTD	30747 MAI FINANCIAL SERVICES	071905/012924	01/29/2024		022024	16.27
			Invoice: 071905/012924	16.27 101 230500	RND FINAL CR BAL 0001030776-071905 Deposit Refd Clearing-Billing			
							CHECK 109261 TOTAL:	16.27
109262	02/20/2024	PRTD	30773 MARIA L. BONOAN	092626/013024	01/30/2024		022024	42.63
			Invoice: 092626/013024	42.63 101 230500	RFND FINAL CR BAL 0000680742-092626 Deposit Refd Clearing-Billing			
							CHECK 109262 TOTAL:	42.63
109263	02/20/2024	PRTD	2814 MCMaster-CARR SUPPLY CO	21364268	02/01/2024		022024	311.08
			Invoice: 21364268	311.08 751820 551000	HEX HEAD SCREW & FLOW CONTROL Supplies/Material			
Invoice: 21768474			MCMaster-CARR SUPPLY CO	21768474	02/08/2024		022024	1,484.11
				1,484.11 101600 541000	PIPE PITTING & JET PUMP Supplies/Material			
Invoice: 21524599			MCMaster-CARR SUPPLY CO	21524599	02/05/2024		022024	251.21
				251.21 101600 541000	JET PUMP Supplies/Material			
							CHECK 109263 TOTAL:	2,046.40
109264	02/20/2024	PRTD	20973 MERRIMAC ENERGY GROUP	2229498	02/06/2024		022024	33,780.20
			Invoice: 2229498	33,780.20 701325 551010	8,796 GAL UNLEADED FUEL Fuel			
							CHECK 109264 TOTAL:	33,780.20
109265	02/20/2024	PRTD	2839 MOTION INDUSTRIES, INC.	CA22-00754495	02/05/2024		022024	865.01
			Invoice: CA22-00754495	865.01 751810 551000	OIL SEALS 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 109265 TOTAL:	865.01
109266	02/20/2024	PRTD	16754 SUSAN REIFER GORDON	8305	02/01/2024		022024	345.00
	Invoice: 8305			345.00 701001 551500	FEBRUARY 2024 INTERIOR PLANT CARE FEE			
					Outside Services		CHECK 109266 TOTAL:	345.00
109267	02/20/2024	PRTD	2302 ODP BUSINESS SOLUTIONS LLC	351666841001	01/26/2024		022024	150.88
	Invoice: 351666841001			150.88 701410 620000	PAD, SHARPIE, FILE FOLDERS, PENS & BINDER			
					Forms, Supplies And Postage			
			ODP BUSINESS SOLUTIONS LLC	351712252001	01/26/2024		022024	23.44
	Invoice: 351712252001			23.44 701410 620000	BINDER, PENS & MOUNTING TAPE			
					Forms, Supplies And Postage		CHECK 109267 TOTAL:	174.32
109268	02/20/2024	PRTD	18946 PACIFIC ADVANCED CIVIL ENGINEERIN	8155	01/31/2024		022024	1,403.00
	Invoice: 8155			1,403.00 754440 900000	DESIGN TAPIA ALUM SULFATE TANK JANUARY 2024			
					Capital Asset Expenses		CHECK 109268 TOTAL:	1,403.00
109269	02/20/2024	PRTD	30458 PIONEER AMERICAS, LLC 10728	900377598	02/06/2024		022024	10,607.09
	Invoice: 900377598			10,607.09 751810 541014	4,938 GAL SODIUM HYPOCHLORITE			
					Sodium Hypochlorite			
			PIONEER AMERICAS, LLC 10728	900378687	02/08/2024		022024	10,710.19
	Invoice: 900378687			10,710.19 751810 541014	4,986 GAL SODIUM HYPOCHLORITE			
					Sodium Hypochlorite		CHECK 109269 TOTAL:	21,317.28
109270	02/20/2024	PRTD	30772 PRADEEP KUMAR	066138/013024	01/30/2024		022024	81.84
	Invoice: 066138/013024			81.84 101 230500	RFND FINAL CR BAL 0000810293-066138			
					Deposit Refd Clearing-Billing		CHECK 109270 TOTAL:	81.84
109271	02/20/2024	PRTD	2585 PURETEC	2144854	01/31/2024		022024	273.74
	Invoice: 2144854			273.74 701341 551500	14" DI TANK RENTAL 02/01-04/30/24			
					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 109271 TOTAL:	273.74
109272	02/20/2024	PRTD	2902 QUINN POWER SYSTEM	WON10021035	11/20/2023		022024	44,937.73
			Invoice: WON10021035				REPLACE VOLTAGE REGULATOR GEN #1	
				44,937.73	751810	551500	Outside Services	
							CHECK 109272 TOTAL:	44,937.73
109273	02/20/2024	PRTD	2905 RAIN FOR RENT	1971126	02/01/2024		022024	3,620.86
			Invoice: 1971126				GERMAIN HIGH LINE-MWD SHTDWN	
				3,620.86	101100	541500	Outside Services	
							CHECK 109273 TOTAL:	3,620.86
109274	02/20/2024	PRTD	30771 ROMANY H ROMANY	092295/013024	01/30/2024		022024	93.32
			Invoice: 092295/013024				RFND FINAL CR BAL 0000260338-092295	
				93.32	101	230500	Deposit Refd Clearing-Billing	
							CHECK 109274 TOTAL:	93.32
109275	02/20/2024	PRTD	4586 ROYAL INDUSTRIAL SOLUTIONS	9009-1043859	02/06/2024		022024	1,606.86
			Invoice: 9009-1043859				ELECTRICAL SUPPLIES	
				1,606.86	101100	551000	Supplies/Material	
							CHECK 109275 TOTAL:	1,606.86
109276	02/20/2024	PRTD	20583 RT LAWRENCE CORPORATION	48770	02/08/2024		022024	715.44
			Invoice: 48770				LOCKBOX FEE JANUARY 2024	
				715.44	701221	622000	Outside Services	
							CHECK 109276 TOTAL:	715.44
109277	02/20/2024	PRTD	30767 SHARON GARAPEDIAN	045222/013124	01/31/2024		022024	2,492.50
			Invoice: 045222/013124				RFND OVERPAYMENT ON ACCT 0000750742-045222	
				2,492.50	101	230500	Deposit Refd Clearing-Billing	
							CHECK 109277 TOTAL:	2,492.50
109278	02/20/2024	PRTD	30117 SOUTHERN CALIFORNIA NEWS GROUP	0000581066	01/31/2024		022024	9,272.72
			Invoice: 0000581066				DIGITAL AD - JANUARY 2024	
				9,272.72	101900	660400	Public Education Programs	
			Invoice: 0000581065				DIGITAL AD - JANUARY 2024	
				825.00	101900	660400	Public Education Programs	825.00

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 109278 TOTAL: 10,097.72								
109279	02/20/2024	PRTD	2969 SWRCB ACCOUNTING OFFICE	EA-AN-0524-1533	01/31/2024		022024	8,151.00
			Invoice: EA-AN-0524-1533	8,151.00 701341 552000	2024 ELAP ANNUAL FEE CERT Permits and Fees			
CHECK 109279 TOTAL: 8,151.00								
109280	02/20/2024	PRTD	20412 STERICYCLE, INC.	8006132883	01/31/2024		022024	220.82
			Invoice: 8006132883	220.82 701121 623500	JANUARY 2024 DOC SHREDDING Records Management			
CHECK 109280 TOTAL: 220.82								
109281	02/20/2024	PRTD	30534 TAIT ENVIRONMENTAL SERVICES, INC.	955095	01/31/2024		022024	1,153.75
			Invoice: 955095	1,153.75 701325 551500	SITE SERVICE 12/27/23 Outside Services			
			Invoice: 955096	6,383.40 701325 551500	SITE SERVICE 1/3/24 Outside Services			
CHECK 109281 TOTAL: 7,537.15								
109282	02/20/2024	PRTD	20950 TERRAVERDE ENERGY LLC	1345	11/18/2022		022024	2,916.25
			Invoice: 1345	2,916.25 701310 651600	MONTHLY ASSET MGMT FEE NOVEMBER 2022 Other Professional Serv			
CHECK 109282 TOTAL: 2,916.25								
109283	02/20/2024	PRTD	21599 THE ROVISYS COMPANY	91053	02/06/2024		022024	3,366.00
			Invoice: 91053	3,366.00 701420 651600	NTWRK UPGRD MASTR PLN DVLPMNT JANUARY 2024 Other Professional Serv			
			Invoice: 91060	1,358.50 701420 651600	NTWRK UPGRD MASTR PLN DVLPMNT JANUARY 2024 Other Professional Serv			
CHECK 109283 TOTAL: 4,724.50								
109284	02/20/2024	PRTD	3006 UNDERGROUND SERVICE ALERT	120240418	02/01/2024		022024	463.25
			Invoice: 120240418	463.25 101700 551500	260 TICKETS - JANUARY 2024 Outside Services			
			UNDERGROUND SERVICE ALERT	23-2424322	02/01/2024		022024	157.29

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: 23-2424322				157.29 101700 551500	DIG SAFE FEE JANUARY 2024 Outside Services			
					CHECK	109284	TOTAL:	620.54
109285	02/20/2024	PRTD	20935 US METRO GROUP, INC.	108301	01/31/2024		022024	14,712.82
	Invoice: 108301				JANTRL SRV JANUARY 2024 Outside Services			
				7,043.42 701001 551500	Outside Services			
				3,042.59 701002 551500	Building Maintenance			
				232.79 101600 551800	Building Maintenance			
				1,555.63 751750 551800	Building Maintenance			
				1,697.61 751810 551800	Building Maintenance			
				1,140.78 751820 551800	Building Maintenance			
					CHECK	109285	TOTAL:	14,712.82
109286	02/20/2024	PRTD	21643 VALLEY SOIL, INC.	27548	02/05/2024		022024	7,401.50
	Invoice: 27548				IRRIGATION CONTROLLER INSTALLED 1/10-1/31/24 Res. ET Irrigation Controller			
				7,401.50 101800 670900				
					CHECK	109286	TOTAL:	7,401.50
109287	02/20/2024	PRTD	18604 VENTURA PEST CONTROL	886965	09/08/2023		022024	590.00
	Invoice: 886965				PEST CONTROL SEPTEMBER 2023 Outside Services			
				590.00 701001 551500				
			VENTURA PEST CONTROL	887031	09/08/2023		022024	58.00
	Invoice: 887031				GOPHER SRV - WLK SEPTEMBER 2023 Outside Services			
				58.00 701001 551500				
			VENTURA PEST CONTROL	891446	10/04/2023		022024	58.00
	Invoice: 891446				GOPHER SRV -WLK OCTOBER 2023 Outside Services			
				58.00 101600 551500				
					CHECK	109287	TOTAL:	706.00
109288	02/20/2024	PRTD	3035 VWR SCIENTIFIC	8814653923	11/22/2023		022024	650.82
	Invoice: 8814653923				FLASK FILTER Supplies/Material			
				650.82 701341 551000				
					CHECK	109288	TOTAL:	650.82
109289	02/20/2024	PRTD	19685 W. LITTEN INC.	24005	02/05/2024		022024	7,878.77
	Invoice: 24005				SPRAYFIELD 1/28-2/3/24 District Sprayfield			
				7,878.77 751810 678800				
			W. LITTEN INC.	24006	02/06/2024		022024	7,631.98

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
Invoice: 24006				7,631.98	751810	678800	INVOICE DTL DESC SPRAYFIELD 2/4-2/10/24 District Sprayfield	
							CHECK 109289 TOTAL:	15,510.75
109290	02/20/2024	PRTD	3042 WATER EDUCATION FOUNDATION	WEFMEM2024KS4514	02/07/2024		022024	5,750.00
Invoice: WEFMEM2024KS4514				5,750.00	701121	710500	2024 WEF MEMBERSHIP Dues, Subsc & Memberships	
							CHECK 109290 TOTAL:	5,750.00
109291	02/20/2024	PRTD	4830 WEST COAST ROTOR	30976	12/12/2023	2240089	022024	13,445.51
Invoice: 30976				13,445.51	751810	551000	GEAR JOINT, HEAD RING, DRIVE SHAFT & ADAPTOR Supplies/Material	
							CHECK 109291 TOTAL:	13,445.51
109292	02/20/2024	PRTD	8510 WORK BOOT WAREHOUSE	2-2-1027192	02/12/2024		022024	275.00
Invoice: 2-2-1027192				275.00	701331	623000	SAFETY FOOTWARE M.MAGANA Safety Equip	
							CHECK 109292 TOTAL:	275.00
				NUMBER OF CHECKS	65	*** CASH ACCOUNT TOTAL ***		414,951.60
				TOTAL PRINTED CHECKS	COUNT	AMOUNT		
					65	414,951.60		
				*** GRAND TOTAL ***				414,951.60

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	T	OB	DEBIT	CREDIT
			EFF	DATE						LINE	DESC				
2024	8	242													
APP	101-200000		02/20/2024	022024	022024					Accounts Payable				33,999.02	
										AP CASH DISBURSEMENTS JOURNAL					
APP	999-100100		02/20/2024	022024	022024					Cash-General					414,951.60
										AP CASH DISBURSEMENTS JOURNAL					
APP	751-200000		02/20/2024	022024	022024					Accounts Payable				268,581.52	
										AP CASH DISBURSEMENTS JOURNAL					
APP	701-200000		02/20/2024	022024	022024					Accounts Payable				102,039.27	
										AP CASH DISBURSEMENTS JOURNAL					
APP	130-200000		02/20/2024	022024	022024					Accounts Payable				120.79	
										AP CASH DISBURSEMENTS JOURNAL					
APP	754-200000		02/20/2024	022024	022024					Accounts Payable				10,211.00	
										AP CASH DISBURSEMENTS JOURNAL					
										GENERAL LEDGER TOTAL				414,951.60	414,951.60
APP	999-201010		02/20/2024	022024	022024					Due to/Due Frm Potable Wtr Ops				33,999.02	
										Cash-General					33,999.02
APP	101-100100		02/20/2024	022024	022024					Due to/Due FromJPA Operations				268,581.52	
										Cash-General					268,581.52
APP	999-207510		02/20/2024	022024	022024					Due to/Due FromInternal Svs				102,039.27	
										Cash-General					102,039.27
APP	751-100100		02/20/2024	022024	022024					Due to/Due FrmSanitation Ops				120.79	
										Cash-General					120.79
APP	999-207010		02/20/2024	022024	022024					Due to/Due FromJPA Replacement				10,211.00	
										Cash-General					10,211.00
APP	701-100100		02/20/2024	022024	022024										
APP	999-201300		02/20/2024	022024	022024										
APP	130-100100		02/20/2024	022024	022024										
APP	999-207540		02/20/2024	022024	022024										
APP	754-100100		02/20/2024	022024	022024										
										SYSTEM GENERATED ENTRIES TOTAL				414,951.60	414,951.60
										JOURNAL 2024/08/242 TOTAL				829,903.20	829,903.20

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	2024 8	242	02/20/2024	Cash-General Accounts Payable	33,999.02	33,999.02
				FUND TOTAL	33,999.02	33,999.02
130 Sanitation Operations 130-100100 130-200000	2024 8	242	02/20/2024	Cash-General Accounts Payable	120.79	120.79
				FUND TOTAL	120.79	120.79
701 Internal Service Fund 701-100100 701-200000	2024 8	242	02/20/2024	Cash-General Accounts Payable	102,039.27	102,039.27
				FUND TOTAL	102,039.27	102,039.27
751 JPA Operations 751-100100 751-200000	2024 8	242	02/20/2024	Cash-General Accounts Payable	268,581.52	268,581.52
				FUND TOTAL	268,581.52	268,581.52
754 JPA Replacement 754-100100 754-200000	2024 8	242	02/20/2024	Cash-General Accounts Payable	10,211.00	10,211.00
				FUND TOTAL	10,211.00	10,211.00
999 Pooled Cash 999-100100 999-201010 999-201300 999-207010 999-207510 999-207540	2024 8	242	02/20/2024	Cash-General Due to/Due Frm Potable Wtr Ops Due to/Due FrmSanitation Ops Due to/Due FromInternal Svs Due to/Due FromJPA Operations Due to/Due FromJPA Replacement	33,999.02 120.79 102,039.27 268,581.52 10,211.00	414,951.60
				FUND TOTAL	414,951.60	414,951.60

A/P CASH DISBURSEMENTS JOURNAL

JOURNAL ENTRIES TO BE CREATED

FUND		DUE TO	DUE FR
101	Potable Water Operations		33,999.02
130	Sanitation Operations		120.79
701	Internal Service Fund		102,039.27
751	JPA Operations		268,581.52
754	JPA Replacement		10,211.00
999	Pooled Cash		
		414,951.60	
	TOTAL	414,951.60	414,951.60

** 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
36	02/27/2024	EFT	19685 W. LITTEN INC.	24007	02/17/2024		022724	8,279.19
Invoice: 24007				8,279.19	751810	678800	INVOICE DTL DESC SPRAYFIELD 2/11-2/17/24 District Sprayfield	
							CHECK 36 TOTAL:	8,279.19
37	02/27/2024	PRTD	7770 AUTOMATIONDIRECT.COM	16098398	02/05/2024		022724	247.47
Invoice: 16098398				247.47	751820	551000	POTENTIOMETER, LEGEND PLATE, CONTACT BLOCK & BULBS Supplies/Material	
							CHECK 37 TOTAL:	247.47
109293	02/27/2024	PRTD	2317 ACORN NEWSPAPER	2024-78818	02/16/2024		022724	555.00
Invoice: 2024-78818				555.00	751840	660400	1/4 DISPLAY AD - 2024 PURE WATER PRJT SRVY 2/16/24 Public Education Programs	
							CHECK 109293 TOTAL:	555.00
109294	02/27/2024	PRTD	30485 ADS CORP	22085-0124	01/20/2024		022724	3,486.00
Invoice: 22085-0124				871.50	130100	551500	SEWER FLOW MONITORING JANUARY 2024 Outside Services	
				2,614.50	751800	551500	Outside Services	
							CHECK 109294 TOTAL:	3,486.00
109295	02/27/2024	PRTD	30753 AHMAD SHIRAZI	038416/012924	01/29/2024		022724	202.37
Invoice: 038416/012924				202.37	101	230500	RFND FINAL CR BAL 0001186108-038416 Deposit Refd Clearing-Billing	
							CHECK 109295 TOTAL:	202.37
109296	02/27/2024	PRTD	30752 AILENE RIVERA	088359/012924	01/29/2024		022724	69.14
Invoice: 088359/012924				69.14	101	230500	RFND FINAL CR BAL 0003070930-088359 Deposit Refd Clearing-Billing	
							CHECK 109296 TOTAL:	69.14
109297	02/27/2024	PRTD	30776 ALLEN BRODETSKY	090859/013024	01/30/2024		022724	126.44
Invoice: 090859/013024				126.44	101	230500	RFND FINAL CR BAL 0000700184-090859 Deposit Refd Clearing-Billing	
							CHECK 109297 TOTAL:	126.44

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								
109298	02/27/2024	PRTD	30729 AMAZON CAPITAL SERVICES, INC.	1V6Y-YV9H-XMNM	02/08/2024		022724	666.86
			Invoice: 1V6Y-YV9H-XMNM	666.86 701322 572500	MAGNETIC LOCATOR Genl Supplies/Small Tools			
							CHECK 109298 TOTAL:	666.86
109299	02/27/2024	PRTD	2869 AT&T	01246420/020724	02/07/2024		022724	31.68
			Invoice: 01246420/020724	31.68 101207 540520	SVCS 2/7-3/6/24 Telephone			
			Invoice: 01230713/020724 AT&T	64.32 101300 540520	01230713/020724 SVCS 2/7-3/6/24 Telephone		022724	64.32
			Invoice: 20453450/020724 AT&T	192.59 101100 540520	20453450/020724 SVCS 2/7-3/6/24 Telephone		022724	192.59
			Invoice: 20438014/020724 AT&T	389.06 101100 540520	20438014/020724 SVCS 2/7-3/6/24 Telephone		022724	389.06
							CHECK 109299 TOTAL:	677.65
109300	02/27/2024	PRTD	16253 AT&T MOBILITY	287319785901X021022402/02/2024	02/27/2024		022724	493.78
			Invoice: 287319785901X0210224	45.07 701331 540520	MOBILITY FOUNDATION ACCT 1/3-2/2/24 Telephone			
				40.24 751810 540520	Telephone			
				120.72 701350 540520	Telephone			
				85.31 701321 540520	Telephone			
				80.48 701410 540520	Telephone			
				31.82 701331 540520	Telephone			
				90.14 701221 540520	Telephone			
							CHECK 109300 TOTAL:	493.78
109301	02/27/2024	PRTD	15635 BRENNTAG PACIFIC, INC.	BPI406356	02/05/2024	2240111	022724	10,377.86
			Invoice: BPI406356	10,377.86 751820 541000	50 LBS SODIUM BICARBONATE Supplies/Material			
							CHECK 109301 TOTAL:	10,377.86
109302	02/27/2024	PRTD	21426 BRIGHTVIEW LANDSCAPE SERVICES, IN	8737853	01/31/2024		022724	14,245.75
			Invoice: 8737853	3,271.37 701001 551500	LANDSCAPE SRVCS JANUARY 2024 Outside Services			
				1,837.13 751820 551800	Building Maintenance			
				3,843.60 751810 551800	Building 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				
				4,191.15 101600 551800				
				336.50 101200 551500				
				301.00 130100 551500				
				390.00 751200 541500				
				75.00 751200 541500				
							CHECK 109302 TOTAL:	14,245.75
109303	02/27/2024	PRTD	30766 BRUCE ELKINS	047341/012624	01/26/2024		022724	266.50
			Invoice: 047341/012624				RFND FINAL CR BAL 0000470110-047341	
				266.50 101 230500			Deposit Refd Clearing-Billing	
							CHECK 109303 TOTAL:	266.50
109304	02/27/2024	PRTD	18533 CALIFORNIA LUTHERAN UNIVERSITY (C 201-02		02/01/2024		022724	3,990.00
			Invoice: 201-02				SUPERVISOR SKILLS TRAINING	
				3,990.00 701430 683000			Training & Professional Devel	
							CHECK 109304 TOTAL:	3,990.00
109305	02/27/2024	PRTD	20655 CANNON CORPORATION	87485	02/12/2024		022724	671.40
			Invoice: 87485				SURGE ANLYS STNT RD JANUARY 2024	
				671.40 301440 900000			Capital Asset Expenses	
							CHECK 109305 TOTAL:	671.40
109306	02/27/2024	PRTD	2554 COASTLINE EQUIPMENT	1082744	12/11/2023		022724	2,524.84
			Invoice: 1082744				REPAIR 310SG BACKHOE	
				2,524.84 701325 551500			Outside Services	
							CHECK 109306 TOTAL:	2,524.84
109307	02/27/2024	PRTD	19270 COMMUNICATIONS RELAY, LLC	60393	08/01/2023		022724	1,118.39
			Invoice: 60393				CASTRO PEAK RENT AUGUST 2023	
				1,118.39 701420 540520			Telephone	
			Invoice: 60334				07/01/2023 022724	1,118.39
				1,118.39 701420 540520			CASTRO PEAK RENT JULY 2023	
							Telephone	
			Invoice: 60281				06/01/2023 022724	1,096.46
				1,096.46 701420 540520			CASTRO PEAK RENT JUNE 2023	
							Telephone	
							CHECK 109307 TOTAL:	3,333.24

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				
109308	02/27/2024	PRTD 30774 DANIELE CORBUCCI	070476/013024	01/30/2024	022724	76.37
		Invoice: 070476/013024				
		76.37 101	230500	RFND FINAL CR BAL 0001186254-070476		
				Deposit Refd Clearing-Billing		
				CHECK	109308 TOTAL:	76.37
109309	02/27/2024	PRTD 30765 DENNIS MCCOY	013185/012624	01/26/2024	022724	400.00
		Invoice: 013185/012624				
		400.00 101	230500	RFND FINAL CR BAL 0000850146-013185		
				Deposit Refd Clearing-Billing		
				CHECK	109309 TOTAL:	400.00
109310	02/27/2024	PRTD 3498 DEPT. OF WATER & POWER - CITY OF	GA82223	02/06/2024	022724	41.67
		Invoice: GA82223				
		41.67 130100	542000	SEWER PERMIT MARCH 2024		
				Permits and Fees		
				CHECK	109310 TOTAL:	41.67
109311	02/27/2024	PRTD 9884 DICALITE MINERALS CORP.	459146	02/01/2024	022724	15,039.72
		Invoice: 459146				
		15,039.72 101600	541000	44 BAGS DICALITE		
				Supplies/Material		
				CHECK	109311 TOTAL:	15,039.72
109312	02/27/2024	PRTD 7257 DIRECTV, INC.	017819005X240216	02/16/2024	022724	23.15
		Invoice: 017819005X240216				
		23.15 751820	551500	TV ACCESS FEE 2/15-3/14/24		
				Outside Services		
				CHECK	109312 TOTAL:	23.15
109313	02/27/2024	PRTD 20685 DOCUMENT SYSTEMS INC	IN3976183	02/12/2024	022724	337.69
		Invoice: IN3976183				
		170.82 701420	621500	CANON MAINT 2/9-3/8/24, OVRG 1/9-2/8/24		
		166.87 701420	621500	System Support and Maintenance		
				System Support and Maintenance		
				CHECK	109313 TOTAL:	337.69
109314	02/27/2024	PRTD 30777 ELY JR'S PUMPING INC	088074/013024	01/30/2024	022724	755.76
		Invoice: 088074/013024				
		755.76 101	230500	RFND FINAL CR BAL 0010002061-088074		
				Deposit Refd Clearing-Billing		
				CHECK	109314 TOTAL:	755.76

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
109315	02/27/2024	PRTD	19025 EMPIRE SAFETY & SUPPLY	0122743-IN	02/07/2024	2240109	022724	486.34
			Invoice: 0122743-IN					
				486.34 701 132000				
			19025 EMPIRE SAFETY & SUPPLY	0122768-IN	02/08/2024	2240109	022724	216.15
			Invoice: 0122768-IN					
				216.15 701 132000				
							CHECK 109315 TOTAL:	702.49
109316	02/27/2024	PRTD	18441 EMPLOYEE RELATIONS NETWORK	96396	12/31/2023		022724	278.26
			Invoice: 96396					
				278.26 701430 681000				
							CHECK 109316 TOTAL:	278.26
109317	02/27/2024	PRTD	2655 FERGUSON ENTERPRISES	0023022	02/12/2024	2240114	022724	475.89
			Invoice: 0023022					
				475.89 701 132000				
							CHECK 109317 TOTAL:	475.89
109318	02/27/2024	PRTD	30757 FORESTAR CHATSWORTH	075187/012924	01/29/2024		022724	1,615.58
			Invoice: 075187/012924					
				1,615.58 101 230500				
							CHECK 109318 TOTAL:	1,615.58
109319	02/27/2024	PRTD	6770 G.I. INDUSTRIES	3106550-0283-3	02/16/2024		022724	2,956.21
			Invoice: 3106550-0283-3					
				2,956.21 701002 551500				
			6770 G.I. INDUSTRIES	0047056-0283-9	02/16/2024		022724	601.51
			Invoice: 0047056-0283-9					
				601.51 751810 541500				
							CHECK 109319 TOTAL:	3,557.72
109320	02/27/2024	PRTD	2701 GRAINGER	9971350682	01/22/2024		022724	178.37
			Invoice: 9971350682					
				178.37 751820 541000				
			2701 GRAINGER	9005955597	02/01/2024		022724	1,515.75
			Invoice: 9005955597					
				1,515.75 751810 541000				

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 109320 TOTAL:	1,694.12
109321	02/27/2024	PRTD	2705 HACH COMPANY	13916902	02/09/2024		022724	4,082.16
			Invoice: 13916902	4,082.16	701341	551000	AMMONIA REAGENT VIALS Supplies/Material	
							CHECK 109321 TOTAL:	4,082.16
109322	02/27/2024	PRTD	20856 INTERNATIONAL PRINTING & TYPESETT	23140.6	02/14/2024		022724	646.05
			Invoice: 23140.6	646.05	701410	620000	BUSINESS CARDS 10 EMPLOYEES Forms, Supplies And Postage	
							CHECK 109322 TOTAL:	646.05
109323	02/27/2024	PRTD	21197 JACOBS ENGINEERING GROUP INC.	W9Y31200-34	01/30/2024		022724	113,332.92
			Invoice: W9Y31200-34	113,332.92	754440	900000	PWP ADVISOR SRV 11/25-12/29/23 Capital Asset Expenses	
							CHECK 109323 TOTAL:	113,332.92
109324	02/27/2024	PRTD	30758 JING MA	075473/012924	01/29/2024		022724	227.16
			Invoice: 075473/012924	227.16	101	230500	RFND FINAL CR BAL 0002200895-075473 Deposit Refd Clearing-Billing	
							CHECK 109324 TOTAL:	227.16
109325	02/27/2024	PRTD	30775 JULIE LEPIN	092878/013024	01/30/2024		022724	232.08
			Invoice: 092878/013024	232.08	101	230500	RFND FINAL CR BAL 0010001896-092878 Deposit Refd Clearing-Billing	
							CHECK 109325 TOTAL:	232.08
109326	02/27/2024	PRTD	30763 KATHERINE SPOER	061895/012624	01/26/2024		022724	18.86
			Invoice: 061895/012624	18.86	101	230500	RFND FINAL CR BAL 0000660294-061895 Deposit Refd Clearing-Billing	
							CHECK 109326 TOTAL:	18.86
109327	02/27/2024	PRTD	30759 KIM KILKEARY	075830/012924	01/29/2024		022724	23.59
			Invoice: 075830/012924	23.59	101	230500	RFND FINAL CR BAL 0001050226-075830 Deposit Refd Clearing-Billing	
							CHECK 109327 TOTAL:	23.59

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
109328	02/27/2024	PRTD	30735 LANCASTER SAFETY CONSULTING, INC	210343	01/05/2024		022724	3,900.00
			Invoice: 210343					
				3,900.00 701430 680000			FALL PROTECTION TRAINING Safety	
							CHECK 109328 TOTAL:	3,900.00
109329	02/27/2024	PRTD	30760 LINDA LI	074888/012624	01/26/2024		022724	95.89
			Invoice: 074888/012624					
				95.89 101 230500			RFND FINAL CR BAL 0000860242-074888 Deposit Refd Clearing-Billing	
							CHECK 109329 TOTAL:	95.89
109330	02/27/2024	PRTD	30751 LOUIS KLEIN	088290/012924	01/29/2024		022724	215.88
			Invoice: 088290/012924					
				215.88 101 230500			RFND FINAL CR BAL 0000860512-088290 Deposit Refd Clearing-Billing	
							CHECK 109330 TOTAL:	215.88
109331	02/27/2024	PRTD	30749 LOUIS LAXINETA	058697-012924	01/29/2024		022724	202.52
			Invoice: 058697-012924					
				202.52 101 230500			RFND FINAL CR BAL 0010000271-058697 Deposit Refd Clearing-Billing	
							CHECK 109331 TOTAL:	202.52
109332	02/27/2024	PRTD	2814 MCMaster-CARR SUPPLY CO	22013430	02/13/2024		022724	35.56
			Invoice: 22013430					
				35.56 751750 541000			WALL PIPE FITTING Supplies	
			Invoice: 22174649					
				177.17 751750 541000			02/15/2024 CONTROL KNOB Supplies	177.17
			Invoice: 22103831					
				89.81 101600 541000			02/14/2024 PIPE FITTINGS Supplies/Material	89.81
							CHECK 109332 TOTAL:	302.54
109333	02/27/2024	PRTD	19155 MCR TECHNOLOGIES, INC.	42326	01/26/2024	2240091	022724	7,905.26
			Invoice: 42326					
				7,905.26 101100 551000			8" ELECTROMAGNETIC FLOW METER Supplies/Material	
							CHECK 109333 TOTAL:	7,905.26

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								
109334	02/27/2024	PRTD	30768 MISSION PAVING AND SEALING INC	076244/013024	01/30/2024		022724	677.84
			Invoice: 076244/013024				RFND FINAL CR BAL 0010001851-076244	
				677.84 101	230500		Deposit Refd Clearing-Billing	
							CHECK 109334 TOTAL:	677.84
109335	02/27/2024	PRTD	21558 MKN-MICHAEL K NUNLEY & ASSOCIATES	10400009	02/12/2024		022724	2,582.73
			Invoice: 10400009				CALABASAS RW PIPE IMPRVMT JANUARY 2024	
				2,582.73 302440	900000		Capital Asset Expenses	
							CHECK 109335 TOTAL:	2,582.73
109336	02/27/2024	PRTD	2839 MOTION INDUSTRIES, INC.	CA22-00754665	02/09/2024		022724	6,537.61
			Invoice: CA22-00754665				GEAR BOX	
				6,537.61 751810	551000		Supplies/Material	
			Invoice: CA22-00754521				ACTUATOR	
				1,379.22 751750	541000		Supplies	
							CHECK 109336 TOTAL:	7,916.83
109337	02/27/2024	PRTD	2365 MSO TECHNOLOGIES	8096	02/19/2024		022724	172.00
			Invoice: 8096				JANUARY 2024 SCADA SUPPORT	
				172.00 201440	900000		Capital Asset Expenses	
							CHECK 109337 TOTAL:	172.00
109338	02/27/2024	PRTD	2302 ODP BUSINESS SOLUTIONS LLC	345137432001	12/19/2023		022724	136.85
			Invoice: 345137432001				ACCENT TANK, HIGHLIGHTERS, MARKERS & PENS	
				136.85 701410	620000		Forms, Supplies And Postage	
			Invoice: 345224080001				GEL	
				10.93 701410	620000		Forms, Supplies And Postage	
							CHECK 109338 TOTAL:	147.78
109339	02/27/2024	PRTD	21659 ONTARIO REFRIGERATION SERVICE, IN	GW28497	01/31/2024		022724	7,036.00
			Invoice: GW28497				REPAIR CURE BLDG EXHAUST FAN 1/31/24	
				7,036.00 751820	551500		Outside Services	
							CHECK 109339 TOTAL:	7,036.00

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
109340	02/27/2024	PRTD	30786 PARKWAY CALABASAS	051375/020824	02/08/2024		022724	80.14
			Invoice: 051375/020824					
			80.14 101	230500			RFND FINAL CR BAL 0002090490-051375 Deposit Refd Clearing-Billing	
							CHECK 109340 TOTAL:	80.14
109341	02/27/2024	PRTD	30750 PAUL SCHROEDER	088008/012924	01/29/2024		022724	22.26
			Invoice: 088008/012924					
			22.26 101	230500			RFND FINAL CR BAL 0000660506-088008 Deposit Refd Clearing-Billing	
							CHECK 109341 TOTAL:	22.26
109342	02/27/2024	PRTD	30563 PENCCO, INC.	96389	02/08/2024		022724	13,434.83
			Invoice: 96389					
			13,434.83 751810	541050			50,000 LBS FERRIC CHLORIDE Ferrous Chloride	
							CHECK 109342 TOTAL:	13,434.83
109343	02/27/2024	PRTD	30458 PIONEER AMERICAS, LLC 10728	900376258	02/01/2024		022724	10,546.94
			Invoice: 900376258					
			10,546.94 751810	541014			4,910 GAL SODIUM HYPOCHLORITE Sodium Hypochlorite	
			Invoice: 900380086					
							02/13/2024 022724	10,495.39
							4,886 GAL SODIUM HYPOCHLORITE Sodium Hypochlorite	
							CHECK 109343 TOTAL:	21,042.33
109344	02/27/2024	PRTD	2585 PURETEC	2145070	01/31/2024		022724	100.60
			Invoice: 2145070					
			100.60 101600	541000			8" DI RENTAL 2/1-4/30/24 Supplies/Material	
							CHECK 109344 TOTAL:	100.60
109345	02/27/2024	PRTD	21594 RECYCLED WOOD PRODUCTS	252652	02/09/2024		022724	1,924.00
			Invoice: 252652					
			1,924.00 751820	541080			130YD WOODCHIPS Amendment	
			Invoice: 252559					
							02/05/2024 022724	1,924.00
							130 YD WOODCHIPS Amendment	
			Invoice: 252822					
							02/14/2024 022724	1,924.00
							130 YD WOODCHIPS Amendment	

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: 252690			RECYCLED WOOD PRODUCTS	252690	02/10/2024		022724	1,924.00
			1,924.00 751820 541080	130	YD WOODCHIPS Amendment			
Invoice: 252865			RECYCLED WOOD PRODUCTS	252865	02/15/2024		022724	1,924.00
			1,924.00 751820 541080	130	YD WOODCHIPS Amendment			
Invoice: 252903			RECYCLED WOOD PRODUCTS	252903	02/16/2024		022724	3,848.00
			3,848.00 751820 541080	260	YD WOODCHIPS Amendment			
							CHECK 109345 TOTAL:	13,468.00
109346	02/27/2024	PRTD	30782 REGENCY THEATRES INC.	021524	02/15/2024		022724	2,000.00
			Invoice: 021524	2,000.00 701230 660400	THEATER RENTAL 3/7/24 Public Education Programs			
							CHECK 109346 TOTAL:	2,000.00
109347	02/27/2024	PRTD	30762 RICK GOWING	063168/012624	01/26/2024		022724	22.63
			Invoice: 063168/012624	22.63 101 230500	RFND FINAL CR BAL 0000700422-063168 Deposit Refd Clearing-Billing			
							CHECK 109347 TOTAL:	22.63
109348	02/27/2024	PRTD	20124 RON'S PORTABLE WELDING	6973	12/19/2023		022724	500.00
			Invoice: 6973	500.00 101100 551500	REPAIR 6" FLGS & SPAN Outside Services			
Invoice: 6984			RON'S PORTABLE WELDING	6984	12/15/2023		022724	1,107.28
			1,107.28 701325 551000		SHOVEL, BROOM, BARS & TOOL RACK Supplies/Material			
							CHECK 109348 TOTAL:	1,607.28
109349	02/27/2024	PRTD	30783 ROYAL LANDSCAPE INC	093394/020524	02/05/2024		022724	733.94
			Invoice: 093394/020524	733.94 101 230500	RFND FINAL CR BAL 0010002361-093394 Deposit Refd Clearing-Billing			
							CHECK 109349 TOTAL:	733.94
109350	02/27/2024	PRTD	30761 SCOTT YANKE	027318/012624	01/26/2024		022724	15.25
			Invoice: 027318/012624	15.25 101 230500	RFND FINAL CR BAL 0000681224-027318 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 109350 TOTAL:	15.25
109351	02/27/2024	PRTD	30756 SHARLA BARRETT	032911/012924	01/29/2024		022724	55.05
			Invoice: 032911/012924				RFND FINAL CR BAL 0000910940-032911	
			55.05 101	230500			Deposit Refd Clearing-Billing	
							CHECK 109351 TOTAL:	55.05
109352	02/27/2024	PRTD	30785 SHOEHORN ENTERPRISES LLC	084503/020824	02/08/2024		022724	411.00
			Invoice: 084503/020824				RFND FINAL CR BAL 0010000221-084503	
			411.00 101	230500			Deposit Refd Clearing-Billing	
							CHECK 109352 TOTAL:	411.00
109353	02/27/2024	PRTD	19169 SJM INDUSTRIAL RADIO	265265	02/09/2024		022724	2,452.38
			Invoice: 265265				INSTALL TIMER, ANTENNA & GPS 1/31/24	
			2,452.38 701325	551500			Outside Services	
			Invoice: 265273				INSTALL GPS, ANTENNA, POWER VABLE & SENSOR 1/31/24	1,134.21
							Outside Services	
			1,134.21 701325	551500			CHECK 109353 TOTAL:	3,586.59
109354	02/27/2024	PRTD	2958 SOUTHERN CALIFORNIA GAS CO (M-bil	14241394924/020824	02/08/2024		022724	16.08
			Invoice: 14241394924/020824				WLK P/S 1/8-2/6/24 1 THERMS	
			16.08 101600	540530			Gas	
							CHECK 109354 TOTAL:	16.08
109355	02/27/2024	PRTD	30755 SYLVIA ADELMAN	089014/012924	01/29/2024		022724	119.47
			Invoice: 089014/012924				RFND FINAL CR BAL 0000810342-089014	
			119.47 101	230500			Deposit Refd Clearing-Billing	
							CHECK 109355 TOTAL:	119.47
109356	02/27/2024	PRTD	30675 TAYLOR JANE CONSTRUCTION LP	022024	02/20/2024		022724	14,045.64
			Invoice: 022024				RETENTION TWRP CHNL WALL INFL	
			14,045.64 754440	900000			Capital Asset Expenses	
							CHECK 109356 TOTAL:	14,045.64
109357	02/27/2024	PRTD	17645 TORO ENTERPRISES INC.	17482	01/31/2024		022724	28,307.92
			Invoice: 17482				10" POTABLE MAIN LINE REPAIR	
			28,307.92 101700	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 109357 TOTAL:	28,307.92
109358	02/27/2024	PRTD	20880 TPX COMMUNICATIONS	177535882-0	02/16/2024		022724	9,647.75
			Invoice: 177535882-0				INTERNET SRV 2/16-3/15/24	
				1,545.09	101300	540520	Telephone	
				503.72	130100	540520	Telephone	
				7,384.83	701420	540520	Telephone	
				130.58	101300	540520	Telephone	
				83.53	751820	540520	Telephone	
							CHECK 109358 TOTAL:	9,647.75
109359	02/27/2024	PRTD	30748 TREEPEOPLE INC	085423/012924	01/29/2024		022724	202.52
			Invoice: 085423/012924				RFND FINAL CR BAL 0010000336-085423	
				202.52	101	230500	Deposit Refd Clearing-Billing	
							CHECK 109359 TOTAL:	202.52
109360	02/27/2024	PRTD	30778 UNION ENGINEERING CO INC	071649/013024	01/30/2024		022724	902.76
			Invoice: 071649/013024				RFND FINAL CR BAL 0010002091-071649	
				902.76	101	230500	Deposit Refd Clearing-Billing	
							CHECK 109360 TOTAL:	902.76
109361	02/27/2024	PRTD	8764 UNITED IMAGING	5526770	02/01/2024	2240118	022724	168.61
			Invoice: 5526770				TONER CARTRIDGES	
				168.61	101900	572500	Genl Supplies/Small Tools	
							CHECK 109361 TOTAL:	168.61
109362	02/27/2024	PRTD	2780 VALLEY NEWS GROUP	2-15	02/15/2024		022724	250.00
			Invoice: 2-15				DISPLAY AD - 2024 PURE WATER PROJECT SRVY 2/15/24	
				250.00	751840	660400	Public Education Programs	
			Invoice: 2-15A				02/15/2024	75.00
			VALLEY NEWS GROUP	2-15A	02/15/2024		022724	75.00
				75.00	701122	650500	DISPLAY AD - ORDINANCE NO 287	
							Legal Advertising	
							CHECK 109362 TOTAL:	325.00
109363	02/27/2024	PRTD	18604 VENTURA PEST CONTROL	891331	10/04/2023		022724	590.00
			Invoice: 891331				PEST CONTROL OCTOBER 2023	
				590.00	701001	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 109363 TOTAL:	590.00
109364	02/27/2024	PRTD	3035 VWR SCIENTIFIC	8815180969	02/02/2024		022724	294.83
			Invoice: 8815180969					
				294.83	701341	551000	AMBER GLASS BOTTLE Supplies/Material	
							CHECK 109364 TOTAL:	294.83
109365	02/27/2024	PRTD	3047 WESCO DISTRIBUTION, INC.	737368	02/07/2024		022724	415.25
			Invoice: 737368					
				415.25	101600	551000	SHUNT TRIP UNIT MCS 220V Supplies/Material	
							CHECK 109365 TOTAL:	415.25
109366	02/27/2024	PRTD	30754 ZF SPV, LLC	091399/012924	01/29/2024		022724	202.07
			Invoice: 091399/012924					
				202.07	101	230500	RFND FINAL CR BAL 0000560164-091399 Deposit Refd Clearing-Billing	
							CHECK 109366 TOTAL:	202.07
109367	02/27/2024	PRTD	30764 ZOHREH GHAISSARI	051079/012624	01/26/2024		022724	87.69
			Invoice: 051079/012624					
				87.69	101	230500	RFND FINAL CR BAL 0000780240-051079 Deposit Refd Clearing-Billing	
							CHECK 109367 TOTAL:	87.69
109368	02/27/2024	PRTD	21474 ZONES, LLC	K22263310101	02/19/2024	2240122	022724	1,653.49
			Invoice: K22263310101					
				1,653.49	701420	543000	CISCO MERAKI 4 WI-FI Capital Outlay	
			ZONES, LLC	K22263390101	02/15/2024	2240126	022724	4,513.83
			Invoice: K22263390101					
				4,513.83	701420	543000	CISCO MERAKI LICENSE Capital Outlay	
							CHECK 109368 TOTAL:	6,167.32

A/P CASH DISBURSEMENTS JOURNAL

NUMBER OF CHECKS 78 *** CASH ACCOUNT TOTAL *** 343,002.81

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	77	334,723.62
TOTAL EFT'S	1	8,279.19

*** GRAND TOTAL *** 343,002.81

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	T	OB	DEBIT	CREDIT
			EFF	DATE						LINE	DESC				
2024	8	315													
APP	751-200000			02/27/2024	022724		022724				Accounts Payable			94,023.02	
											AP CASH DISBURSEMENTS JOURNAL				
APP	999-100100			02/27/2024	022724		022724				Cash-General				343,002.81
											AP CASH DISBURSEMENTS JOURNAL				
APP	130-200000			02/27/2024	022724		022724				Accounts Payable			1,717.89	
											AP CASH DISBURSEMENTS JOURNAL				
APP	101-200000			02/27/2024	022724		022724				Accounts Payable			67,484.98	
											AP CASH DISBURSEMENTS JOURNAL				
APP	701-200000			02/27/2024	022724		022724				Accounts Payable			48,972.23	
											AP CASH DISBURSEMENTS JOURNAL				
APP	301-200000			02/27/2024	022724		022724				Accounts Payable			671.40	
											AP CASH DISBURSEMENTS JOURNAL				
APP	754-200000			02/27/2024	022724		022724				Accounts Payable			127,378.56	
											AP CASH DISBURSEMENTS JOURNAL				
APP	302-200000			02/27/2024	022724		022724				Accounts Payable			2,582.73	
											AP CASH DISBURSEMENTS JOURNAL				
APP	201-200000			02/27/2024	022724		022724				Accounts Payable			172.00	
											AP CASH DISBURSEMENTS JOURNAL				
GENERAL LEDGER TOTAL														343,002.81	343,002.81
APP	999-207510			02/27/2024	022724		022724				Due to/Due FromJPA Operations			94,023.02	
											Cash-General				94,023.02
APP	751-100100			02/27/2024	022724		022724				Due to/Due FrmSanitation Ops			1,717.89	
											Cash-General				1,717.89
APP	999-201300			02/27/2024	022724		022724				Due to/Due Frm Potable wtr Ops			67,484.98	
											Cash-General				67,484.98
APP	130-100100			02/27/2024	022724		022724				Due to/Due FromInternal Svs			48,972.23	
											Cash-General				48,972.23
APP	999-201010			02/27/2024	022724		022724				Due to/Due FrmPotable wtr Repl			671.40	
											Cash-General				671.40
APP	301-100100			02/27/2024	022724		022724				Due to/Due FromJPA Replacement			127,378.56	
											Cash-General				127,378.56
APP	999-207540			02/27/2024	022724		022724				Due to/Due FrmRec1 wtr Repl			2,582.73	
											Cash-General				

A/P CASH DISBURSEMENTS JOURNAL

JOURNAL ENTRIES TO BE CREATED

YEAR PER	JNL								
SRC ACCOUNT	EFF DATE	JNL DESC	REF 1	REF 2	REF 3	ACCOUNT DESC	T OB	DEBIT	CREDIT
						LINE DESC			
	02/27/2024	022724	022724						
APP 302-100100						Cash-General			2,582.73
	02/27/2024	022724	022724						
APP 999-202010						Due to/Due FrmPotable wtr Cnst		172.00	
	02/27/2024	022724	022724						
APP 201-100100						Cash-General			172.00
	02/27/2024	022724	022724						
SYSTEM GENERATED ENTRIES TOTAL								343,002.81	343,002.81
JOURNAL 2024/08/315 TOTAL								686,005.62	686,005.62

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	2024 8	315	02/27/2024	Cash-General Accounts Payable	67,484.98	67,484.98
FUND TOTAL					67,484.98	67,484.98
130 Sanitation Operations 130-100100 130-200000	2024 8	315	02/27/2024	Cash-General Accounts Payable	1,717.89	1,717.89
FUND TOTAL					1,717.89	1,717.89
201 Potable Water Construction 201-100100 201-200000	2024 8	315	02/27/2024	Cash-General Accounts Payable	172.00	172.00
FUND TOTAL					172.00	172.00
301 Potable Wtr Replacement Fund 301-100100 301-200000	2024 8	315	02/27/2024	Cash-General Accounts Payable	671.40	671.40
FUND TOTAL					671.40	671.40
302 Recycled Water Replacement 302-100100 302-200000	2024 8	315	02/27/2024	Cash-General Accounts Payable	2,582.73	2,582.73
FUND TOTAL					2,582.73	2,582.73
701 Internal Service Fund 701-100100 701-200000	2024 8	315	02/27/2024	Cash-General Accounts Payable	48,972.23	48,972.23
FUND TOTAL					48,972.23	48,972.23
751 JPA Operations 751-100100 751-200000	2024 8	315	02/27/2024	Cash-General Accounts Payable	94,023.02	94,023.02
FUND TOTAL					94,023.02	94,023.02
754 JPA Replacement 754-100100 754-200000	2024 8	315	02/27/2024	Cash-General Accounts Payable	127,378.56	127,378.56
FUND TOTAL					127,378.56	127,378.56
999 Pooled Cash	2024 8	315	02/27/2024			

A/P CASH DISBURSEMENTS JOURNAL
 JOURNAL ENTRIES TO BE CREATED

FUND	YEAR PER	JNL	EFF DATE	ACCOUNT DESCRIPTION	DEBIT	CREDIT
999-100100				Cash-General		343,002.81
999-201010				Due to/Due Frm Potable Wtr Ops	67,484.98	
999-201300				Due to/Due FrmSanitation Ops	1,717.89	
999-202010				Due to/Due FrmPotable wtr Cnst	172.00	
999-203010				Due to/Due FrmPotable wtr Repl	671.40	
999-203020				Due to/Due FrmRecl wtr Repl	2,582.73	
999-207010				Due to/Due FromInternal Sys	48,972.23	
999-207510				Due to/Due FromJPA Operations	94,023.02	
999-207540				Due to/Due FromJPA Replacement	127,378.56	
				FUND TOTAL	343,002.81	343,002.81

A/P CASH DISBURSEMENTS JOURNAL
 JOURNAL ENTRIES TO BE CREATED

FUND		DUE TO	DUE FR
101	Potable Water Operations		67,484.98
130	Sanitation Operations		1,717.89
201	Potable Water Construction		172.00
301	Potable Wtr Replacement Fund		671.40
302	Recycled Water Replacement		2,582.73
701	Internal Service Fund		48,972.23
751	JPA Operations		94,023.02
754	JPA Replacement		127,378.56
999	Pooled Cash		
		343,002.81	
TOTAL		343,002.81	343,002.81

** 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
				INVOICE DTL DESC				
108937	01/16/2024	VOID	30740 IRVING STARR	018786/010824	01/08/2024			-170.44
			Invoice: 018786/010824					
				-170.44 101	230500		RFND FINAL CR BAL 0002100538-018786 Deposit Refd Clearing-Billing	
							CHECK 108937 TOTAL:	-170.44
				NUMBER OF CHECKS	1		*** CASH ACCOUNT TOTAL ***	-170.44
				TOTAL VOIDED CHECKS			COUNT AMOUNT	
							1 170.44	
							*** GRAND TOTAL ***	-170.44

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	
2024	8	333	APP	101-200000	02/27/2024	108937	022724			Accounts Payable			170.44	
			APP	999-100100	02/27/2024	108937	022724			Cash-General		170.44		
											GENERAL LEDGER TOTAL	170.44	170.44	
											Due to/Due Frm Potable Wtr Ops			170.44
			APP	101-100100	02/27/2024	011624	022724			Cash-General		170.44		
											SYSTEM GENERATED ENTRIES TOTAL	170.44	170.44	
											JOURNAL 2024/08/333 TOTAL	340.88	340.88	

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	2024	8	333	02/27/2024			
	101-100100					Cash-General	170.44	
	101-200000					Accounts Payable		170.44
						FUND TOTAL	170.44	170.44
999	Pooled Cash	2024	8	333	02/27/2024			
	999-100100					Cash-General	170.44	
	999-201010					Due to/Due Frm Potable Wtr Ops		170.44
						FUND TOTAL	170.44	170.44

A/P CASH DISBURSEMENTS JOURNAL

JOURNAL ENTRIES TO BE CREATED

FUND		DUE TO	DUE FR
101	Potable Water Operations		170.44
999	Pooled Cash	170.44	
	TOTAL	170.44	170.44

** 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

		INVOICE	INV DATE	PO	CHECK RUN	NET
INVOICE DTL DESC						
24177	02/27/2024	MANL 30658 WELLS FARGO BANK	JANUARY2024A		02/22/2024 022724A	2,442.99
		Invoice: JANUARY2024A			WFB CLIENT ANALYSIS FEE JANUARY 2024	
			2,292.99	101001 862500	Other Non-Operating Expense	
			150.00	101001 862500	Other Non-Operating Expense	
					CHECK 24177 TOTAL:	2,442.99
			NUMBER OF CHECKS	1	*** CASH ACCOUNT TOTAL ***	2,442.99
					COUNT AMOUNT	
TOTAL MANUAL CHECKS					1	2,442.99
						*** GRAND TOTAL ***
						2,442.99

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
2024	8	291									
APP 101-200000			02/27/2024	022724A	022724			Accounts Payable AP CASH DISBURSEMENTS JOURNAL		2,442.99	
APP 999-100100			02/27/2024	022724A	022724			Cash-General AP CASH DISBURSEMENTS JOURNAL			2,442.99
GENERAL LEDGER TOTAL										2,442.99	2,442.99
APP 999-201010			02/27/2024	022724A	022724			Due to/Due Frm Potable Wtr Ops		2,442.99	
APP 101-100100			02/27/2024	022724A	022724			Cash-General			2,442.99
SYSTEM GENERATED ENTRIES TOTAL										2,442.99	2,442.99
JOURNAL 2024/08/291 TOTAL										4,885.98	4,885.98

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	2024	8	291	02/27/2024			
	101-100100					Cash-General		2,442.99
	101-200000					Accounts Payable	2,442.99	
						FUND TOTAL	2,442.99	2,442.99
999	Pooled Cash	2024	8	291	02/27/2024			
	999-100100					Cash-General		2,442.99
	999-201010					Due to/Due Frm Potable Wtr Ops	2,442.99	
						FUND TOTAL	2,442.99	2,442.99

A/P CASH DISBURSEMENTS JOURNAL
JOURNAL ENTRIES TO BE CREATED

FUND		DUE TO	DUE FR
101	Potable Water Operations		2,442.99
999	Pooled Cash	2,442.99	
	TOTAL	2,442.99	2,442.99

** 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
24169	02/13/2024	VOID	30658 WELLS FARGO BANK	JANUARY2024	02/08/2024			-2,293.79
			Invoice: JANUARY2024					
				-2,293.79	101001	862500	WFB CLIENT ANALYSIS FEE JANUARY 2024 Other Non-Operating Expense	
							CHECK 24169 TOTAL:	-2,293.79
				NUMBER OF CHECKS	1		*** CASH ACCOUNT TOTAL ***	-2,293.79
				TOTAL VOIDED CHECKS		COUNT	AMOUNT	
						1	2,293.79	
							*** GRAND TOTAL ***	-2,293.79

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
2024	8	264									
APP	101-200000		02/22/2024	24169	022224			Accounts Payable			2,293.79
								AP CASH DISBURSEMENTS JOURNAL			
APP	999-100100		02/22/2024	24169	022224			Cash-General		2,293.79	
								AP CASH DISBURSEMENTS JOURNAL			
								GENERAL LEDGER TOTAL		2,293.79	2,293.79
APP	999-201010		02/22/2024	021324A	022224			Due to/Due Frm Potable Wtr Ops			2,293.79
APP	101-100100		02/22/2024	021324A	022224			Cash-General		2,293.79	
								SYSTEM GENERATED ENTRIES TOTAL		2,293.79	2,293.79
								JOURNAL 2024/08/264 TOTAL		4,587.58	4,587.58

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	2024	8	264	02/22/2024			
	101-100100					Cash-General	2,293.79	
	101-200000					Accounts Payable		2,293.79
						FUND TOTAL	2,293.79	2,293.79
999	Pooled Cash	2024	8	264	02/22/2024			
	999-100100					Cash-General	2,293.79	
	999-201010					Due to/Due Frm Potable Wtr Ops		2,293.79
						FUND TOTAL	2,293.79	2,293.79

A/P CASH DISBURSEMENTS JOURNAL
JOURNAL ENTRIES TO BE CREATED

FUND		DUE TO	DUE FR
101	Potable Water Operations		2,293.79
999	Pooled Cash	2,293.79	
TOTAL		2,293.79	2,293.79

** 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
34	02/20/2024	WIRE	3384 METROPOLITAN WATER DISTRICT OF S.	11387	02/09/2024		022024A	959,604.37
Invoice: 11387					ANALYSIS MWD BILL - JANUARY 2024			
				755,609.60	101001	500200	Non-Interruptible	
				40,040.00	101001	501200	Capacity Reservation Charge	
				163,954.77	101001	501000	Readiness To Serve	
							CHECK 34 TOTAL:	959,604.37
				NUMBER OF CHECKS	1	*** CASH ACCOUNT TOTAL ***		959,604.37
				TOTAL WIRE TRANSFERS		COUNT	AMOUNT	
						1	959,604.37	
							*** GRAND TOTAL ***	959,604.37

A/P CASH DISBURSEMENTS JOURNAL

JOURNAL ENTRIES TO BE CREATED

CLERK: 3296jcortez

YEAR PER	JNL	ACCOUNT	JNL	DESC	REF 1	REF 2	REF 3	ACCOUNT	DESC	T	OB	DEBIT	CREDIT
SRC	EFF	DATE	DATE					LINE					
2024	8	215											
APP 101-200000	02/20/2024	022024A	022024					Accounts Payable				959,604.37	
								AP CASH DISBURSEMENTS JOURNAL					
APP 999-100100	02/20/2024	022024A	022024					Cash-General					959,604.37
								AP CASH DISBURSEMENTS JOURNAL					
								GENERAL LEDGER TOTAL				959,604.37	959,604.37
APP 999-201010	02/20/2024	022024A	022024					Due to/Due Frm Potable Wtr Ops				959,604.37	
APP 101-100100	02/20/2024	022024A	022024					Cash-General					959,604.37
								SYSTEM GENERATED ENTRIES TOTAL				959,604.37	959,604.37
								JOURNAL 2024/08/215	TOTAL			1,919,208.74	1,919,208.74

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	2024	8	215	02/20/2024			
	101-100100					Cash-General		959,604.37
	101-200000					Accounts Payable	959,604.37	
						FUND TOTAL	959,604.37	959,604.37
999	Pooled Cash	2024	8	215	02/20/2024			
	999-100100					Cash-General		959,604.37
	999-201010					Due to/Due Frm Potable Wtr Ops	959,604.37	
						FUND TOTAL	959,604.37	959,604.37

A/P CASH DISBURSEMENTS JOURNAL
JOURNAL ENTRIES TO BE CREATED

FUND		DUE TO	DUE FR
101	Potable Water Operations		959,604.37
999	Pooled Cash	959,604.37	
	TOTAL	959,604.37	959,604.37

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



MWD
 METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA
 700 North Alameda Street
 Los Angeles, CA, 90012-2944

INVOICE

Billed To:

Las Virgenes Municipal Water District



Service Address

4232 Las Virgenes Road
 Calabasas, CA 91302

January 2024	Page No. 1 of 1
Mailed: 02/09/2024	Due Date: 03/28/2024
Invoice Number: 11387	Revision: 0

NOTICE

The MWD Administrative Code Section 4507 and 4508 require that payment must be made in "Good Funds" by the due date or the payment will be considered delinquent and an additional charge shall be assessed.

DELIVERIES	Volume (AF)
Total Water Treated Delivered	601.6
Total Water Untreated Delivered	

SALES	Type	Volume (AF)	Rate (\$ /AF)	Total (\$)
Full Service	Tier 1 Supply Rate	601.6	\$332.00	\$199,731.20
	System Access Rate	601.6	\$389.00	\$234,022.40
	System Power Rate	601.6	\$182.00	\$109,491.20
	Treatment Surcharge	601.6	\$353.00	\$212,364.80
SUBTOTAL				\$755,609.60

OTHER CHARGES AND CREDITS	Rate (\$ /AF)	
Capacity Charge(Payment Schedule: M)	\$40,040.00	
Readiness To Serve Charge(Payment Schedule: M)	\$163,954.77	
SUBTOTAL		\$203,994.77

ADDITIONAL INFORMATION	Volume (AF)	Tier1 %	Peak Day	Flow (CFS)
Capacity Charge			8/5/2021	42.9
Purchase Order Firm Delivery To Date (Jan 2015 to Dec 2024)	166,392.6			
Tier 1 Annual Limit (For Current Calendar Year)	24,359.0			
Tier 1 YTD Deliveries (For Current Calendar Year)	601.6	2.5		
Tier 1 Current Month Deliveries	601.6			
Purchase Order Commitment (Jan 2015 to Dec 2024)	146,151.0			

INVOICE TOTAL

Volume AF	Amount Now Due
601.6	\$959,604.37

Note: Amount Due is based on highlighted fields



MWD

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

700 North Alameda Street

Los Angeles, CA, 90012-2944

INVOICE DETAIL

NOTICE

The MWD Administrative Code Section 4507 and 4508 require that payment must be made in "Good Funds" by the due date or the payment will be considered delinquent and an additional charge shall be assessed.

IN ACCORDANCE WITH READINGS AND BILLING DATA LISTED BELOW

Agency Name	Invoice No.	Rev.	Bill Period	Page No.	Mailed On	Due On
Las Virgenes Municipal Water District	11387	0	January 2024	1 of 2	02-09-24	03-28-24

Meter No LV-01

Treated Domestic	Constant	Previous Reading	Current Reading	Volume (Cu. Ft.)	Rate Desc.
Chatsworth St. and Andora Ave.	100	23226293	23242450	1615700	Unbundled

--- DELIVERIES ---

	Rate Per AF	Volume AF	Amount
Tier 1 Supply Rate	332.00	37.1	12,317.20
System Access Rate	389.00	37.1	14,431.90
System Power Rate	182.00	37.1	6,752.20
Treatment Surcharge	353.00	37.1	13,096.30
Delivery Subtotal		37.1	46,597.60
LV-01 Total		37.1	46,597.60

Meter No LV-02

Treated Domestic	Constant	Previous Reading	Current Reading	Volume (Cu. Ft.)	Rate Desc.
Terminus of Calabasas Feeder	1,000	23610471	23634215	23744000	Unbundled

--- DELIVERIES ---

	Rate Per AF	Volume AF	Amount
Tier 1 Supply Rate	332.00	545.1	180,973.20
System Access Rate	389.00	545.1	212,043.90
System Power Rate	182.00	545.1	99,208.20
Treatment Surcharge	353.00	545.1	192,420.30
Delivery Subtotal		545.1	684,645.60
LV-02 Total		545.1	684,645.60

Meter No LV-03

Treated Domestic	Constant	Previous Reading	Current Reading	Volume (Cu. Ft.)	Rate Desc.
Chatsworth Park	10	95723126	95807543	844170	Unbundled

--- DELIVERIES ---

	Rate Per AF	Volume AF	Amount
Tier 1 Supply Rate	332.00	19.4	6,440.80
System Access Rate	389.00	19.4	7,546.60
System Power Rate	182.00	19.4	3,530.80
Treatment Surcharge	353.00	19.4	6,848.20
Delivery Subtotal		19.4	24,366.40
LV-03 Total		19.4	24,366.40

--- OTHER CHARGES AND CREDITS ---

	Amount
Capacity Charge for current calendar year	40,040.00
Readiness to Serve Charge for current fiscal year	163,954.77

Agency Name	Invoice No.	Rev.	Bill Period	Page No.	Mailed On	Due On
Las Virgenes Municipal Water District	11387	0	January 2024	2 of 2	02-09-24	03-28-24

VOLUME TOTAL	INVOICE TOTAL
601.6	\$959,604.37

This invoice was printed on 2/9/2024 at 1:36:50PM



THE METROPOLITAN WATER DISTRICT
of SOUTHERN CALIFORNIA
700 North Alameda Street
Los Angeles, CA 90012-2944

<http://www.mwdh2o.com/>

**SUMMARY OF PROGRAM DEMANDS BY WATER DESCRIPTION IN ACRE FEET
BASED ON HISTORICAL WATER DELIVERIES
INVOICE COVER SHEET
For the Fiscal Year 2023 - 2024**

LV - Las Virgenes Municipal Water District

DELIVERIES

MWD Water	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Year Bal
Program: BASIC													
TREATED FULL SERVICE													
Subtotal	1,846.2	1,597.4	1,338.2	1,417.4	1,414.5	1,001.6	601.6	0.0	0.0	0.0	0.0	0.0	9,216.9
BASIC Total	1,846.2	1,597.4	1,338.2	1,417.4	1,414.5	1,001.6	601.6	0.0	0.0	0.0	0.0	0.0	9,216.9
MWD Water Total	1,846.2	1,597.4	1,338.2	1,417.4	1,414.5	1,001.6	601.6	0.0	0.0	0.0	0.0	0.0	9,216.9

STORAGE - CYC

Program: CYC Version: 1307 Impl_Code: LV0

	Begin Bal	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Year Bal	End Bal
Deliveries	0.0	0.0	0.0	0.0	0.0	0.0	546.4	0.0	0.0	0.0	0.0	0.0	0.0	546.4	546.4
Sales	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Adj/Losses	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	546.4	0.0	0.0	0.0	0.0	0.0	0.0	546.4	546.4

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
35	02/27/2024	WIRE	30791 DONLEY, ANN	021224	02/12/2024		022724B	26,500.00
Invoice: 021224				26,500.00	754440	900000		
				INVOICE DTL DESC				
				MALIBOU LAKE CLUB ESCROW EASEMENT ACQUISTION				
				Capital Asset Expenses				
						CHECK	35 TOTAL:	26,500.00
				NUMBER OF CHECKS	1	*** CASH ACCOUNT TOTAL ***		26,500.00
				TOTAL WIRE TRANSFERS	COUNT	AMOUNT		
					1	26,500.00		
						*** GRAND TOTAL ***		26,500.00

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
2024	8	295	APP 754-200000		02/27/2024	022724B	022724			Accounts Payable AP CASH DISBURSEMENTS JOURNAL			26,500.00	
APP 999-100100					02/27/2024	022724B	022724			Cash-General AP CASH DISBURSEMENTS JOURNAL				26,500.00
GENERAL LEDGER TOTAL											26,500.00	26,500.00		
APP 999-207540					02/27/2024	022724B	022724			Due to/Due FromJPA Replacement			26,500.00	
APP 754-100100					02/27/2024	022724B	022724			Cash-General				26,500.00
SYSTEM GENERATED ENTRIES TOTAL											26,500.00	26,500.00		
JOURNAL 2024/08/295 TOTAL											53,000.00	53,000.00		

A/P CASH DISBURSEMENTS JOURNAL

JOURNAL ENTRIES TO BE CREATED

FUND	ACCOUNT	YEAR	PER	JNL	EFF DATE	ACCOUNT DESCRIPTION	DEBIT	CREDIT
754	JPA Replacement 754-100100 754-200000	2024	8	295	02/27/2024	Cash-General Accounts Payable		26,500.00
						FUND TOTAL	26,500.00	26,500.00
999	Pooled Cash 999-100100 999-207540	2024	8	295	02/27/2024	Cash-General Due to/Due From JPA Replacement	26,500.00	26,500.00
						FUND TOTAL	26,500.00	26,500.00

A/P CASH DISBURSEMENTS JOURNAL
JOURNAL ENTRIES TO BE CREATED

FUND		DUE TO	DUE FR
754	JPA Replacement		26,500.00
999	Pooled Cash		
	TOTAL	26,500.00	26,500.00

** 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

March 5, 2024

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance to the Flag was led by Jim Korkosz.

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
Darrell Johnson, Interim Director of Facilities and Operations
Joe McDermott, Director of Engineering and External Affairs
Ivo Nkwenji, Information Systems Manager
Josie Guzman, Clerk of the Board
Keith Lemieux, District Counsel

2. APPROVAL OF AGENDA

Director Polan moved to approve the agenda. Motion seconded by Director Caspary. Motion carried 5-0 by the following vote:

AYES: Burns, Caspary, Coradeschi, Lewitt, Polan

NOES: None

ABSTAIN: None
ABSENT: None

3. PUBLIC COMMENTS

Nicole Richardson introduced herself as the new Government and Public Affairs Representative for the Metropolitan Water District of Southern California (MWD). She stated that she would be assisting MWD member agencies in the area. The Board welcomed Ms. Richardson.

4. CONSENT CALENDAR

A List of Demands: March 5, 2024: Receive and file

B Minutes Special Meeting of February 13, 2024, and Regular Meeting of February 20, 2024: Approve

C Monthly Cash and Investment Report: January 2024

Receive and file the Monthly Cash and Investment Report for January 2024.

D Statement of Revenues, Expenses, and Changes in Net Position: January 2024

Receive and file the Statement of Revenues, Expenses, and Changes in Net Position for the period ending January 31, 2024.

E Water Main Breaks at 5745 Parkmor Road and Valley Circle Boulevard near Dorie Drive: Continuation of Emergency Declaration

Approve the continuation of an emergency declaration due to a 12-inch water main break at 5745 Parkmor Road in the City of Calabasas, and a 30-inch water main break along Valley Circle Boulevard near Dorie Drive in West Hills.

Director Coradeschi moved to approve the Consent Calendar. Motion seconded by Director Caspary.

Motion carried 5-0 by the following vote:

AYES: Burns, Caspary, Coradeschi, Lewitt, Polan

NOES: None

ABSTAIN: None

ABSENT: None

5. ILLUSTRATIVE AND/OR VERBAL PRESENTATION AGENDA ITEMS

A Water Supply Conditions Update

Joe McDermott, Director of Engineering and External Affairs, presented the report. He stated that the State Water Project 8-Station Index was at 93 percent of normal following the recent storms in the Northern Sierras, and it was anticipated that the State Water Project allocation would be increased to 30 percent.

6. TREASURER

Director Coradeschi stated that he reviewed the expenditures.

7. BOARD OF DIRECTORS

A Legal Services Agreement: Amendment

Authorize the General Manager to approve an amendment to the agreement with Aleshire & Wynder, LLP for legal services to specify the maximum number of hours provided under the monthly retainer.

General Manager David Pedersen presented the report.

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

Keith Lemieux, District Counsel, responded to questions regarding the basic legal services that would be covered under the retainer, and his review of special legal services performed by his associates.

Motion carried 5-0 by the following vote:

AYES: Burns, Caspary, Coradeschi, Lewitt, Polan

NOES: None

ABSTAIN: None

ABSENT: None

8. ENGINEERING AND EXTERNAL AFFAIRS

A Door Tag Process Improvement: Contract Amendment

Authorize the General Manager to approve an increase to the contract with Infosend, Inc., in the amount of \$60,000, to implement a new door tag delivery process.

Ursula Bosson, Customer Service Manager, presented the report.

Director Caspary moved to approve Item 8A. Motion seconded by Director Burns.

Ms. Bosson responded to questions regarding delivery of door tag notifications via FedEx, which would free up staff resources and allow Field Operations staff to focus on other duties and programs.

Motion carried 5-0 by the following vote:

AYES: Burns, Caspary, Coradeschi, Lewitt, Polan

NOES: None

ABSTAIN: None

ABSENT: None

B Drought Resiliency Water Conservation Program: Grant Award

Authorize the General Manager to execute a Memorandum of Understanding with the Los Angeles County Flood Control District for Proposition 1 grant funding, in the amount of \$630,000, for the Drought Resilience Water Conservation Program.

Craig Jones, Resource Conservation Manager, presented the report.

Director Caspary moved to approve Item 8B. Motion seconded by Director Polan.

Mr. Jones responded to questions regarding the use of existing MWD rebate programs and exclusions to the program, such as replacing turf with artificial turf.

Motion carried 5-0 by the following vote:

AYES: Burns, Caspary, Coradeschi, Lewitt, Polan

NOES: None

ABSTAIN: None

ABSENT: None

9. NON-ACTION ITEMS

A Organization Reports

Director Caspary reported that he attended the Association of California Water Agencies (ACWA) State Legislative Committee Meeting on March 1st, where they discussed AB 1820 (Schiavo) Housing Development Projects, Applications, Fees and Extractions. He noted that ACWA's position was to oppose unless amended. He also reported that the Committee discussed concerns regarding AB 1147 (Portantino) Drinking Water, Bottled Water, Microplastics Levels, since there were no agreed-upon testing methods for microplastics in water. He noted that the ACWA Joint Powers Insurance Authority (JPIA) was opposing a change in the types of agencies that they would accept as customers. He stated that typically ACWA JPIA was only for public agencies; however, there was legislation introduced to include mutual water companies. He also stated that ACWA JPIA was opposed to this change due to the risk profile of mutual water companies. He also reported that SB 1218 (Newman) Water, Emergency Water Supplies, would establish a state policy to encourage and incentivize the development of emergency water supplies. He noted that there were agencies that invested in emergency water supply storage, and they were not allowed to access their emergency water supplies during the drought. He also reported that ACWA had been in discussion regarding the proposed climate

resiliency bond, and they were waiting on the Proposition 1 results from the March 5th Primary Election to assess voters' support for bonds. He noted that the ACWA Legislative Symposium would be held on April 10th in Sacramento, and Board President Lewitt and Jeremy Wolf, Legislative Program Manager, were working on scheduling meetings in legislators.

B Director's Reports on Outside Meetings

Board President Lewitt noted that a report was provided at the March 4, 2024 JPA Board Meeting regarding the ACWA Washington DC Conference.

Jeremy Wolf, Legislative Program Manager, responded to a request to summarize the activities from the ACWA Washington DC Conference by stating that there were discussions regarding per- and polyfluoroalkyl substances (PFAS) with legislators at the ACWA Washington DC Conference. He noted that a meeting was held with Senator Laphonza Butler's staff, who also met with 30 other agencies to discuss concerns with PFAS. He also noted that there were discussions regarding resiliency, the importance of Federal Emergency Management Agency (FEMA) hazard mitigation funding, and concerns with tax obligations when the public receives rebates from MWD and other public agencies. He stated that there would be changes in the water community following the retirement of Congresswoman Grace Napolitano and with the election of a new Senator to replace Senator Dianne Feinstein.

C General Manager Reports

(1) General Business

General Manager David Pedersen reported that at the March 4, 2024 JPA Board Meeting, the Board took action on three items related to the Pure Water Project Las Virgenes-Triunfo: 1) adopted a resolution to enter into an agreement with MWD for participation in the Local Resources Program to supplement funding; 2) approved a contract amendment for Owner's Advisory services with Jacobs Engineering Group during the final design of the project; and (3) awarded a \$21,430,215 contract with the Walsh Construction, Brown and Caldwell, and Carollo Engineers progressive design-build team for Phase 1 design-build services. He noted that staff would send a letter of support regarding SB 1218 (Newman) Water, Emergency Water Supplies. He reminded the Board that the International Women's Day Luncheon would be held later that morning; the premier of *Flames to the Ocean - A Woolsey Fire Retrospective* would be held at the Regency Theatre Calabasas Commons on March 7th at 5:00 p.m.; and the WaterReuse Symposium would be held March 10th through 13th in Denver, Colorado. He noted that the MWD Board would be considering proposed water rates and charges for calendar years 2025 and 2026, and amending the Capital Improvement Plan to include the Sepulveda Feeder Pump Stations Stage 2 at its March 12th Board meeting.

(2) Follow-Up Items

None.

D Directors' Comments

Director Caspary acknowledged staff on their efforts regarding the Pure Water Project Las Virgenes-Triunfo.

10. FUTURE AGENDA ITEMS

None.

11. PUBLIC COMMENTS

None.

12. CLOSED SESSION

A Conference with District Counsel – Potential Litigation (Government Code Section 54956.9): One case

In the opinion of Legal Counsel, disclosure of the identity of the litigants would be prejudicial to the District.

The Board recessed to Closed Session at **9:51 a.m.** and reconvened to Open Session at **10:15 p.m.**

Keith Lemieux, District Counsel, reported that the Board met in Closed Session to receive a report on Item 12A, and there was no reportable action.

13. OPEN SESSION AND ADJOURNMENT

Seeing no further business to come before the Board, the meeting was duly adjourned at **10:16 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

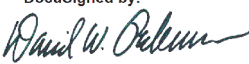
(SEAL)

AGENDA ITEM NO. 4C

March 4, 2024

To: Payroll

From: David W. Pedersen
General Manager

DocuSigned by:

 12C6BE2E4EC44E2...

RE: Per Diem Request – February 2024

Attached are the Director statements of attendance for meetings, conferences, and miscellaneous functions, which are summarized in the table below. If you have any questions, please contact me. Thank you.

On January 16, 2024, the Board adopted Ordinance No. 286, amending the per diem rate to \$245.

	<u>Director</u>	<u>No. of Meetings</u>	<u>Rate</u>	<u>Total</u>
22040	Gary Burns	9	\$245.00	\$2,205.00
8014	Charles Caspary	7	\$245.00	\$1,715.00
22039	Andy Coradeschi	10	\$245.00	\$2,450.00
19447	Jay Lewitt	10	\$245.00	\$2,450.00
18856	Leonard Polan	10	\$245.00	\$2,450.00

*LVMWD Code Section 2-2.106(a): “not exceeding a total of ten (10) days in any calendar month”

**LVMWD Code Section 2-2.106(b): MWD director “not exceeding a total of ten (10) additional days in any calendar month.”

LAS VIRGENES MUNICIPAL WATER DISTRICT - PER DIEM REPORT

To: Josie Guzman, Clerk of the Board

Director's Name: Gary Burns



Month of: 29-Feb

Division: 3

The following are Las Virgenes Municipal Water District Board of Directors Meetings, Committee Meetings/Conferences I have attended:

Date(s)	# of Days Claimed		Reimbursible Expenses ² (Y/N)	Check One		Event Title
	Event	Travel ¹		Total	MWD	
2/5/2024			1			JPA Board Meeting
2/6/2024			1			LVMWD Board Meeting
2/7/2024			1			LVMWD Special Meeting w/Callegaus & MWD
2/12/2024			1	1		MWD Engineering / Operations Meeting
2/13/2024			1			LVMWD Special Meeting
2/15/2024			1			AWAVC Ocean Water Program
2/20/2024			1			LVMWD Board Meeting
2/27/2024			1	1		MWD BOD Workshop
2/29/2024			1	1		MWD Long Term Regional Planning
TOTAL			9			

Date Submitted: 2/29/2024

77 **NOTES:** 1. Travel the day before and/or after an authorized meeting or seminar outside of LA, Ventura and Orange Counties may be paid in accordance with Board Policy. 2. Attach completed Statement of Account and Claim for Personally Incurred Expenses form.

Director Signature: Gary Burns via email

LAS VIRGENES MUNICIPAL WATER DISTRICT - PER DIEM REPORT



To: Clerk of the Board Director's Name: Charles Caspary

Month of: February 2024 Division: Division 1

The following are Las Virgenes Municipal Water District Board of Directors Meetings, Committee Meetings/Conferences I have attended:

Table with columns: Date(s), # of Days Claimed, Reimbursible Expenses, Event, MWD, LVMWD. Rows include dates from 2/5/2024 to 2/20/2024 with corresponding event names and reimbursement status.

TOTAL 7

2/28/2024

NOTES: 1. Travel the day before and/or after an authorized meeting or seminar outside of LA, Ventura and Orange Counties may be paid in accordance with Board Policy. 2. Attach completed Statement of Account and Claim for Personally Incurred Expenses form.

Charles Caspary (via email)

LAS VIRGENES MUNICIPAL WATER DISTRICT - PER DIEM REPORT

To: Josie Guzman, Clerk of the Board

Director's Name: Andy Coradeschi



Month of: Feb 2024

Division: 2

The following are Las Virgenes Municipal Water District Board of Directors Meetings, Committee Meetings/Conferences I have attended:

Date(s)	# of Days Claimed			Reimbursable Expenses2 (Y/N)	Check One		Event Title
	Event	Travel 1	Total		MWD	LVMWD	
2/5/2024	JPA		1			X	JPA BOD
2/6/24	LVMWD		1			X	LVMWD JPA
2/7/2024	Pure Water		1			X	Pure Water Demo Plant Tour MET/Calleguas
2/7	PFA		0			X	PFA BOD
2/12/2024	MWD		1			X	MET Eng, Ops, Tech
2/13/2024	LVMWD		1			X	LV strategic planning
2/15/24	AWAVC		0			X	AWAVC Breakfast
2/20/2024	LVMWD		1			X	LVMWD BOD
2/26-2/29/24	ACWAS DC		4			X	ACWA Wash DC
TOTAL			10				

Date Submitted: 3/1/2024

NOTES: 1. Travel the day before and/or after an authorized meeting or seminar outside of LA, Ventura and Orange Counties may be paid in accordance with Board Policy. 2. Attach completed Statement of Account and Claim for Personally Incurred Expenses form.

Director Signature: Andy Coradeschi via email

LAS VIRGENES MUNICIPAL WATER DISTRICT - PER DIEM REPORT



To: Josie Guzman, Clerk of the Board Director's Name: Jay Lewitt

Month of: February 2024 Division: 5

The following are Las Virgenes Municipal Water District Board of Directors Meetings, Committee Meetings/Conferences I have attended:

Date(s)	# of Days Claimed		Reimbursible Expenses ² (Y/N)	Check One		Event Title
	Event	Travel ¹		Total	MWD	
2.5.24			1			JPA Board Meeting
2.6.24			1			LVMWD Board Meeting
2.7.24		x	1			LVMWD Calleguas JPA Board Meeting
2.13.24			1			LVMWD Strategic Board Meeting
2.15.24			1			AWAVC breakfast meeting
2.20.24			1			LVMWD Board Meeting
2.26-2.29		x	4			ACWA Washington DC
			TOTAL	10		

Date Submitted: 3.4.24
 Director Signature: Jay Lewitt

80
NOTES: 1. Travel the day before and/or after an authorized meeting or seminar outside of LA, Ventura and Orange Counties may be paid in accordance with Board Policy. 2. Attach completed Statement of Account and Claim for Personally Incurred Expenses form.

LAS VIRGENES MUNICIPAL WATER DISTRICT - PER DIEM REPORT



To: Josie Guzman, Clerk of the Board
 Month of: Feb-24

Director's Name: Leonard Polan
 Division: #4

The following are Las Virgenes Municipal Water District Board of Directors Meetings, Committee Meetings/Conferences I have attended:

Date(s)	# of Days Claimed		Reimbursible Expenses ² (Y/N)	Check One		Event Title
	Event	Travel ¹		Total	MWD	
2/2/24	1	----	1	N	----	ACWA Region 8 Board Mtg
2/5/24	1	----	1	N	----	JPA Bd Mtg
2/6/24	1	----	1	Y	----	Callegus/Lvmwd PFA Mtg
2/13/24	1	----	1	N	----	LVMWD Strategic Plan Mtg Bd Mtg
2/15/24	1	----	1	Y	----	VCAWA Weather Report from NOAA
2/20/24	1	----	1	Y	----	LVMWD Bd Mtg
2/25/24	1	----	1	Y	----	CASA Washington DC
2/26/24	1	----	1	Y	----	CASA Washington DC
2/27/24	1	----	1	Y	----	CASA-ACWA Washington DC
2/28/24	1	----	1	Y	----	ACWA Washington DC
2/29/24	1	----	0	Y	----	ACWA Washington DC
TOTAL			10			

Date Submitted: 3/1/24

Director Signature: Leonard E. Polan, By Email

NOTES: **1.** Travel the day before and/or after an authorized meeting or seminar outside of LA, Ventura and Orange Counties may be paid in accordance with Board Policy. **2.** Attach completed Statement of Account and Claim for Personally Incurred Expenses form.

Glen Peterson, Director

Metropolitan Water District of Southern California

2936 Triunfo Canyon Rd

Agoura, CA. 91301

email: glenpsop@icloud.com

INVOICE

DATE: 02/29/24
INVOICE # 63
FOR: Director fees

Bill To:

Las Virgenes Municipal Water District

4232 Las Virgenes Rd

Calabasas, CA. 91302

attn: Josie Guzman, Clerk of the Board

818-251-2100

Date	Description	fee
2/7/2024	Meet with MWD staff on LV/TSD Pure Water	\$245.00
2/8/2024	Northern Caucus	\$245.00
2/12/2024	Committee Meetings	\$245.00
2/13/2024	Board Meeting and Committees	\$245.00
2/9/2024	Bay Delta Committee Meeting	\$245.00
2/20/2024	Report to LV Board via zoom	\$245.00
2/23/2024	Ad Hoc Committee on Bay Delta	\$245.00
2/27/2024	Committee Meetings and Special Board meeting	\$245.00
2/29/2024	CAMP4 Water meeting MWD	\$245.00
	TOTAL	\$2,205.00

Make Check payable to Glen Peterson

Thank you for the opportunity to serve



DATE: March 19, 2024
TO: Board of Directors
FROM: Finance and Administration

SUBJECT: Annual Supply and Delivery of Polymer: Award

SUMMARY:

On January 16, 2024, a Request for Bids was released for the annual supply and delivery of polymer to establish an annual purchase order with four one-year renewal options. Polymer is used to enhance the separation of liquids and solids during the dewatering process at the Rancho Las Virgenes Composting Facility. The annual expense for the product is estimated to be \$215,824.50. Staff recommends accepting the bid from Solenis, LLC, and authorizing a new purchase order, in the amount of \$215,824.50 with four one-year renewal options.

RECOMMENDATION(S):

Accept the bid from Solenis, LLC, and authorize the General Manager to issue a one-year purchase order, in the amount of \$215,824.50, with four one-year renewal options using a mutually-agreeable inflationary factor for the supply and delivery of polymer.

FISCAL IMPACT:

Yes

ITEM BUDGETED:

Yes

FINANCIAL IMPACT:

The total estimated annual cost for polymer is \$215,824.50. Sufficient funds are available for polymer in the adopted Fiscal Year 2024-25 JPA Budget and will be proposed in future fiscal year budgets. Pricing for renewal options would be based on a mutually-agreeable inflationary factor such as the Producer Price Index for chemicals and allied products.

DISCUSSION:

On January 16, 2024, a formal Request for Bids was issued for the annual supply and delivery of polymer. On February 15, 2024, an addendum was issued extending the delivery

requirement from two to five business days. The Request for Bids was posted on the District's website and sent to eight vendors that previously expressed interest in chemical bids. Four responses were received with bids submitted by three of the four firms.

Three bids were received and publicly opened on February 22, 2024. Solenis, LLC, submitted the lowest responsible bid in the amount of \$1.46 per pound. Staff estimates a total annual need for 135,000 pounds, resulting in a cost of \$215,824.50 including applicable taxes. In compliance with the *Instructions to Bidders*, the award is recommended based on total estimated annual cost. The proposed inflationary factor was a consideration, but it was not used as the basis for award. Attached for reference is a copy of the bid from Solenis, LLC.

Bid Summary:

<u>Bidder</u>	<u>Unit Price (\$/pound)</u>	<u>Bid Total</u>
Solenis, LLC	\$1.46	\$215,824.50
SNF/Polydyne, Inc.	\$1.53	\$226,172.25
Univar Solutions USA, LLC	\$1.88	\$277,911.00

GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Liz Smith, Purchasing Supervisor

ATTACHMENTS:

[Bid by Solenis, LLC](#)

**Request for Information “RFI” Summary
Las Virgenes Municipal Water District
Request for Bids
Polymer-February 2024**

The Request for Information period for the District’s “Polymer” Request for Bids “RFB” is now closed. One RFI were received and one addendum was issued and posted on the Districts web site, www.LVMWD.com . Per the Request for Bids, other than directing a bidder to a specific segment of the RFB documents, questions received after the RFI period has ended will not be answered. Below is a summary of the RFI received and the District’s response. This information is hereby made part of the RFB documents.

Q1. “Delivery, via truck transfer trailer load, is required within 2 business days (Monday-Friday) after receipt of District’s order release.” This bulk delivery requirement is VERY aggressive. If deliveries are once per quarter why would the facility wait until 2-days before needing delivery to make this request. How flexible is this constraint? 1/19/24

A1a. *Bid Scope & Specifications, Item 3.b. Delivery* shall be modified to read as follows. “Delivery, via truck transfer trailer load, is required within 5 business days (Monday-Friday) after receipt of District’s order release.” (addendum pending)

Q2. Can you also please supply bid tabulation/summary result for the previous polymer bid? 1/19/24

A2. See bid results below from March 7, 2019.

Bidder	Unit Price (\$/pound)	Bid Total
Polydyne, Inc.	\$1.10	\$162,607.50
Solenis	\$1.55	\$229,128.75
Univar	No Bid	N/A

Q3. Who is the current provider? 2/2/24

A3. Polydyne, Inc.

Q4. What is the product name currently being used?? 2/2/24

A4. CLARIFLOC WE-1295

Q5. What is the current cost/Lb.? 2/2/24

A5. \$1.49/Lb

Q6. Will there be a public bid opening on 2/22/24@2pm? Just in case, where is the location of the public bid opening? 02/13/24

A6. Vendors are welcome to attend the bid opening at our main headquarters located at 4232 Las Virgenes Road, Calabasas, CA. Results will be publicly posted by end of day Friday, 2/23/24. Preliminary bid results are subject to staff review and final Board approval.



Request for Bids

Polymer
Annual Supply

January 2024

Las Virgenes Water District
4232 Las Virgenes Road
Calabasas, CA 91302
818-251-2115

Request for Information Deadline: Feb. 15, 2024
Bids Due: February 22, 2024; 2:00 p.m.

Las Virgenes Municipal Water District Instructions to Bidders

1. **Introduction.** Each bidder and its bid shall comply with these instructions to bidders and the terms and conditions provided with the bid documents.
2. **District Contact.** During the bid process the District contact will be the District Purchasing Supervisor: Liz Smith, 4232 Las Virgenes Road, Calabasas, CA 91302, lsmith@lvmwd.com e-mail, 818-251-2115 phone. Any questions, technical or otherwise, pertaining to this bid must be submitted in writing and directed only to the listed District contact. Bidders, their representatives, agents or anyone else acting on their behalf are specifically directed NOT to contact any District employee, board member, or other agency associate for any purpose related to this request for bid other than as directed above. **Contact with anyone other than as directed above may be just cause for rejection of bid.**
3. **Requests for Information and Notifications.** All requests for information (RFI) regarding this bid must be directed to District Contact listed above and received in writing no later than Feb. 15, 2024. Requests will be addressed within 2 business days of receipt. At the end of the RFI period a summary of all RFI and responses will be posted at: <https://www.lvmwd.com/the-district/departments/finance-and-administration/finance/purchasing/purchasing-formal-bids>
4. **It is the bidder's responsibility to ensure they access and review any RFI responses and resulting addendum(s) posted.** The District is not responsible to notify individual potential bidders of the availability of RFI responses and/or resulting addendum(s) beyond this notice. The District is not responsible for lost or misdirected e-mail communications. Other than directing a bidder to a specific segment of the bid documents, questions received after the RFI period has ended will not be answered.
5. **Submission of Bids.** Sealed bids are to be submitted only on the prescribed Las Virgenes Municipal Water District Bid Forms included as part of this bid package and described in the Request for Bids and must be submitted in hard copy format with a wet signature. **Bid submission deadline is Thursday, February 22, 2024; 2:00 p.m.** Bids shall be addressed and delivered to: Las Virgenes Municipal Water District, Attn: Liz Smith, 4232 Las Virgenes Road, Calabasas, CA 91302, and clearly marked "**Sealed Bid—Polymer**" on outside of envelope. **FAXED OR E-MAILED BIDS WILL NOT BE ACCEPTED UNDER ANY CIRCUMSTANCES.** Bidders are required to submit the following information with their bid:
 - a. Completed Bid Form-Schedule (3 pages)
 - b. Renewal Inflation Indicator
 - c. Contact information for three public entities the bidder is currently supplying with Polymer
 - d. Product information/technical data sheet
 - e. Global Harmonized System-Safety Data Sheet (GHS-SDS)Bid forms can be downloaded from the District's web site: <https://www.lvmwd.com/the-district/departments/finance-and-administration/finance/purchasing/purchasing-formal-bids>
6. **Modification of Bids.** A bidder may modify its bid by written communications provided such communication is received by the District prior to the closing time for receipt of bids. The written communication must not reveal the bid price but should state the addition or subtraction or other modification in such a manner that the District will not know the final prices or terms until it opens the sealed bid.
7. **Withdrawal and Return of bids.** Bids may be withdrawn without prejudice by written or telegraphic requests received from the bidder prior to the time for opening of bids, and bids so withdrawn will be returned to bidders unopened. Any bid received after the bid submission deadline shall be returned to the bidder unopened.
8. **Discrepancies.** In the case of discrepancy between unit prices and extended totals, unit prices will prevail. In the case of discrepancy between words and figures, words will prevail.
9. **Pricing.** Both unit and extended pricing shall be shown in U.S. dollar amounts with two decimal places rounded to the nearest cent.
10. **Award of Bid.**

Las Virgenes Municipal Water District Instructions to Bidders

- a. The District reserves the right to accept or reject any and all bids during the time for awarding the contract, and to waive any informality or irregularity in any bid. The District may reject any bid that does not comply with these instructions or other bid documents.
- b. Award shall be made on a comprehensive basis based on total estimated annual cost. At the District's discretion, Inflation indicator may be a consideration in final award.
- c. The award of the bid, if it is awarded, shall be to the lowest responsible responsive bidder whose bid complies with the requirements of the bid documents. Bidder responsibility is determined solely by the District.
- d. It is expected that bids will be considered by the District at the regularly scheduled Board Meeting on March 19, 2024. Notice of Award, if any will occur within seven business days following the meeting. Accompanying the District's Notice of Award will be a purchase order. The successful bidder will be required to send an order acceptance to the District within seven days following receipt of Notice of Award. Failure to do so shall be just cause for annulment of the award. In the event of failure of the lowest responsible responsive bidder to provide order confirmation to the District, the District may award to the next lowest responsible responsive bidder.

11. Insurance Requirements. Bidder at its' sole cost and expense shall procure and maintain for the duration of the project the following types and minimum limits of insurance: *Strike through unnecessary coverage*

Type	Limits	Scope
General Liability (GL)	\$1,000,000 per occurrence/ \$2,000,000 aggregate	At least as broad as ISO occurrence from CG 0001
Product Liability	\$1,000,000 per occurrence/ \$2,000,000 aggregate	
Automotive Liability	\$1,000,000 per accident	At least as broad as ISO CA 0001 (code 1, any auto)
Workers Compensation	CA Statutory limits	
Employers' Liability	\$1,000,000 per occurrence	

- a. The general and automobile liability policy(ies) shall be endorsed (consistent with Ins. Code 11580.04) to name District, its officers, employees, and agents as additional insured regarding liability arising out of the Work. Bidder's coverage shall be primary and shall apply separately to each insurer subject to a claim or lawsuit, except with respect to the limits of the insurer's liability. District's insurance if any, shall be excess and shall not contribute with Bidder's insurance.
- b. Prior to commencing the Work, Bidder shall provide to District the following proof of insurance: (a) certificate(s) of insurance on ACORD Form 25-S (or insurer's equivalent) evidencing the required insurance coverages; and (b) endorsement(s) on ISO Form CG 2010 (or insurer's equivalent), signed by a person authorized to bind coverage on behalf of the insurer(s), certifying the additional insured coverages.

12. Non Collusion. The bidder certifies that its bid is made without any previous understanding, agreement or connection with any person, firm or corporation making a bid for the same product as is in all respects fair, without outside control, collusion, fraud or otherwise illegal action.

13. Bid Specifications. The attached specifications are intended to be descriptive of the type and quality of product the District desires to purchase. Any exceptions or substitutions to the Bid Scope & Specification must be clearly noted on Bid-Form Schedule. District reserves the right to determine if products meet equal value. Bidders will not be allowed to make unauthorized substitutions after award is made.

Las Virgenes Municipal Water District Instructions to Bidders

- 14. Confidential Information.** Bids containing confidential proprietary technical information or trade secrets which if publicly disclosed may cause substantial injury to the Bidder's competitive position must be clearly noted. It is the bidder's responsibility to clearly note any confidential design information as such.
- 15. Pre-bid Inspection.** N/A
- 16. Subcontractors.** Subject to District approval subcontractors may be allowed. Subcontractors used for more than half of 1% of the contract amount must be disclosed in the 'Notes or Exceptions' section of *Bid-Form Schedule* at time of bid submittal. Subcontractors shall be the sole responsibility of the Bidder, not the District.
- 17. Inflation Indicator.** Bidder must list a specific set inflation indicator for annual renewal periods or state none in area provided on the bid-form schedule. Inflation indicator may be a flat percentage or based on a specific nationally published indicator(s) such as a Bureau of Labor Statistics Consumer Price Index or Producer Price Index. Renewals shall be based on listed indicator.
- 18. Special Conditions.**
- a. Bid prices shall be F.O.B. Destination, Freight Pre-paid and allowed to Rancho Las Virgenes Composting Facility , 3700 Las Virgenes Road, Calabasas, CA 91302, or other designated address within the District's service area. Refer to *Bid Scope & Specifications, Additional Conditions, 3. Delivery* for more detailed information.
 - b. Any and all related fees associated with this bid shall be included in Bid Form-Schedule and extended bid total submitted by bidder. The District is located in Los Angeles County which, as of the date of this invitation to bid, has a sales tax rate of 9.5%.
 - i. It is the bidder's responsibility to list all regulatory fees and taxes in the area provided on the bid schedule that may affect the pricing during the contract period.
 - c. Any exceptions or modifications to the Bid Scope & Specifications or District's Standard Purchase Order Terms and Conditions (Exhibit A) proposed by bidder must be clearly noted in area provided on Bid-Form Schedule.
 - d. District has 90 days from the bid due date to accept bid pricing.
- 19. Pre-bid Jar Testing.** Bidders will be allowed to conduct optional pre-bid jar testing to determine the best product and concentration to propose. Jar testing may be scheduled on Feb. 6 or 8, 2024. An appointment is required to conduct pre-bid jar testing. Appointments must be scheduled with the District Contact listed above in Instructions to Bidders Item 2. Bidder must provide their own equipment to conduct jar testing.

**Las Virgenes Municipal Water District
Bid Form-Schedule
Polymer**

The undersigned states and declares as follows: that the bidder has carefully read and examined the Bid Documents; Bid Notice; Instruction to Bidders; Bid Specifications including exhibits; Bid Form-Schedule; and that the bidder will comply with the bid terms and conditions. The undersigned agrees to supply and deliver materials in strict conformity with the specifications and instructions enclosed with the Invitation for Bids for the prices set forth below in this bid schedule.

It is understood that this bid shall remain open and shall not be withdrawn for a period of ninety (90) days from the date prescribed for the opening of the bid.

It is further agreed that the materials/services to be furnished under this bid shall be delivered at such time and in such quantities as called for by the Las Virgenes Municipal Water District. The District may extend the term of this contract by written notice to the supplier at the end of the contract period.

CONTRACT TERM as follows: initial contract term shall be good for one (1) year from date of contract execution. Four (4) additional one (1) year renewals may be negotiated at the District's option.

Materials to be furnished under this bid shall be delivered FOB Destination Freight Pre-Paid and Allowed to Las Virgenes Municipal Water District's Rancho Las Virgenes Composting Facility located at 3700 Las Virgenes Road, Calabasas, CA 91302 in the manner set forth in the Bid Scope and Specifications.

All bidders are required to submit the following information with their bid

- Completed Bid Form-Schedule (3 pages)
- Inflation Indicator
- Contact information for three public entities the bidder is currently supplying with Polymer
- Product information/technical data sheet
- Global Harmonized System-Safety Data Sheet (GHS-SDS)

The bidder's authorized officer identified below hereby declares that the representations in this bid are true and correct and of my own personal knowledge, and that these representations are made under penalty of perjury under the laws of the State of California, and that I am duly authorized to bind this bidder to this bid.

>>>continued on next page<<<

Bid Item No.	Quantity	Unit of Measure UOM	Description (Refer to Bid Scope & Specifications for detailed description)	Unit Price	Extended Price
1.	135,000	pounds	Polymer Zetag 8818 Bulk	\$1.46/LB	\$197,100.00
			Sales Tax	9.5%	\$215,824.50
			Total Bid		\$215,824.50

Written Total Bid Amount:

Two Hundred Fifteen Thousand, Eight Hundred Twenty Four Dollars and Fifty Cents

State Inflation Indicator (refer to Instructions to Bidders Item 16 for details):

PCU324199324199
PPI industry data for All other petroleum and coal products mfg., not seasonally adjusted
As published by the Bureau of Labor Statistics

Notes or Exceptions:

Addendum Acknowledgement (if applicable):

Addendum #1

Signed: Wendy J. Mueller

Addendum #2

Signed: _____

Addendum #3

Signed: _____

>>>continued on next page<<<

Bidder:

Solenis LLC February 19, 2024
Corporate Name of Bidder Date

By:  Title: Regional Pricing Director
Authorized Signature

Wendy S. Mueller bidders@solenis.com
Print Name E-mail

2475 Pinnacle Drive 302-502-0802
Phone

Wilmington, DE 19803 _____
Address Mobile

Las Virgenes Municipal Water District Polymer—Annual Supply

Overview:

The Las Virgenes Municipal Water District (District) serves the western edge of Los Angeles County including the cities of Agoura Hills, Calabasas, Hidden Hills and Westlake Village. The District occupies 122 square miles and services a population of approximately 70,000. The District provides potable water, recycled water, and sanitation (wastewater) services to its customers through three separate enterprise funds. The sanitation and recycled water services are provided through a Joint Powers Authority with the Triunfo Sanitation District.

Las Virgenes Municipal Water District is organized under the Municipal Water District Act of 1911 (California Water Code 7100). A five-member board of directors, each elected by geographic divisions, provides governance. Directors serve overlapping four-year terms, and every two years - concurrent with installation of the newly elected board – they select board officers. The board also selects a local representative from LVMWD to serve on the Board of Directors of the Metropolitan Water District of Southern California.

The District is seeking bids for an annual contract for the supply and delivery of liquid polymer to its Rancho Las Virgenes Composting facility. Initial purchase order contract period will be for one (1) year with four (4) possible one (1) year renewal periods at the District's option. Product will be purchased on an as needed basis throughout the contract period. The purpose of this bid is to ensure set pricing for the duration of the contract period, allow for expedited delivery upon order release, and secure a quantity discount.

General Information:

The District uses polymer to enhance the liquid and solids separation during the dewatering process. Orders for bulk truck transfer trailer loads, averaging 45,000 pounds per load, are required throughout the year. It is estimated a delivery will be requested once every 4 months. The intent of this bid is to establish an annual purchase order "PO" contract with four possible one-year renewals to ensure favorable pricing based on total volume. Order releases will be made by District staff throughout the course of the PO contract period.

Quantity:

Projected annual quantity is 135,000 pounds. Stated quantity is an estimated amount, subject to change, and not guaranteed.

Unit of Measure:

Unit of measure shall be pound (wet weight)

Specifications:

- Emulsion/dispersion liquid polymer, suitable for centrifuge thickening and dewatering of anaerobically digested waste
- Performance criteria: 22% cake minimum, 90% capture minimum, 600 mg/l centrate maximum (lower is better)

- Storage Criteria: Shelf life of 12 months with no mixing/recirculation requirements; delivered directly into two 5,000-gallon storage tanks; fire hazard rating shall be suitable for bulk storage in existing tanks without the need of a fire suppression system.

Additional Description:

- The sludge feed to centrifuge is 200 gpm to 250 gpm.
- The polymer dosage range is between 4.4 to 6.0 gallons per hour with a reclaimed water dilution factor of 500 to 700 per hour.

Additional Conditions:

1. Optional Pre-Bid Jar Testing: In order to allow bidders an opportunity to identify the optimal product and dosing to propose the District will allow bidders to conduct on-site bench scale pre-bid jar testing. Appointments for jar testing will be scheduled for February 6 or 8, 2024. Appointments must be scheduled with the listed District contact. Do not contact other District staff to arrange for jar testing or visit the facility without an appointment. Bidders may conduct a bench-scale sludge jar test for each liquid polymer they are considering for dewatering ability evaluation. The bidder is to select the method it deems most appropriate, provide any necessary apparatus and staff to perform the test. The District is not responsible for pre-bid jar testing.
2. Samples: Prior to award of bid, apparent low Bidder may be required to provide samples for testing to ensure proposed product meets District process requirements and specifications. District staff may perform laboratory analysis to evaluate the polymer cake solids and capture as well as the centrate for suspended solids.
 - a. Full-scale performance test may be conducted by District staff without the presence of the bidder.
 - b. Upon request bidder must provide sufficient polymer for a one-day (8-hour) dewatering run at 250 gallons per minute of anaerobically digested sludge at 1-2% solid, approximately 5 dry tons.
 - c. Current GH-SDS must be provided with sample.
 - d. District shall pay for polymer consumed during test at the unit price bid and use all acceptable product.
 - e. Upon completion of testing all temporary storage containers and any unacceptable product shall be removed by Bidder at Bidder's expense.
3. Delivery:
 - a. Stated unit price must include delivery to the District's Rancho Las Virgenes Composting Facility located at 3700 Las Virgenes Road, Calabasas, CA 91302
 - b. Delivery, via truck transfer trailer load, is required within 2 business days (Monday-Friday) after receipt of District's order release.
 - c. Delivery shall occur during off-peak hours of 8:00 a.m. to 4:00 p.m. and must be coordinated with facility operations personnel.
 - d. Delivery vehicle shall be in good condition and operated by supplier. Vehicle shall conform to all applicable state, federal, and local regulations. Vehicle must be fully maintained and be able to safely transport and deliver chemical.
 - e. Delivery driver shall be trained and experienced in handling the chemical, including being trained to stop chemical flow in the event of an emergency. Proof of this

- training and experience may be required by the District at any time during the contract period. Delivery vehicle must contain appropriate emergency spill response kit.
- f. Posted speed limit at delivery location shall be observed at all times.
 - g. Supplier is responsible for pumping unit and piping to permit safe transfer of chemical to District's stationary bulk container/tank/holding facility. Any needed hoses, fittings, and other appurtenances shall be provided by supplier in good working condition and absent of any leaks. Three inch female camlock is required for delivery hose connection.
 - h. Discharge point of delivery vehicle shall be in rear of delivery vehicle to allow for complete discharge of product from the vehicle without the need for the delivery vehicle to be completely level.
 - i. Unloading at time of delivery shall be done in a safe manner in the presence of a District plant operator. Appropriate protective clothing shall be worn and safe practices and procedures shall be followed at all times.
 - j. Product will not be considered delivered and title will not transfer until it has been safely off loaded into the District's stationary container/tank/holding facility by supplier.
4. Documentation: Bidder must include the following documentation, attached to or listed on the bid schedule. Upon award this information must be provided with each individual delivery:
- a. Name and location of polymer manufacturer
 - b. Manufacturer product name and number
 - c. Manufacturer's certification stating standard active content of polymer
 - d. Standard viscosity of polymer
5. Quantity:
- a. Quantity listed in Bid Scope & Specifications is an estimate; bid pricing shall remain firm while actual quantity will vary. No minimum is guaranteed.
 - b. Quantity shall be determined by empty and full weight certificates generated at the supplier's location on a certified truck scale. Copies of weighmasters's certificates must be provided for each delivery with a Bill of Lading/Packing List at time of delivery.
6. Order Releases: Orders shall be released on an as needed basis by designated District staff. Typically order releases occur once every 3-4 months.
7. Unit of Measure: Unit of measure on bid form-schedule is pound; unit cost shall include all aspects listed in these Bid Scope and Specifications.
8. Invoice: A separate invoice is required for each delivery. Invoices shall be paid within 30 days of receipt of correctly prepared invoice or receipt of the product, whichever is later.
9. Pricing: All orders placed during the contract period shall receive contract pricing. Orders released at end of contract period shall receive pricing as of that day.
10. Sales Tax: Product is subject to California Sales & Use Tax.
11. Regulatory Guidelines: Supplier must comply with all federal, local, state, and other governing body regulatory guidelines applicable to the supply and delivery of this product at all times.

12. Compliance: District may require supplier to furnish an affidavit of product compliance with the specifications, a certified chemical analysis, and preventative maintenance schedule of delivery truck unloading compressor at any time during the contract period.
13. Contract: Refer to Exhibit A for the District's standard purchase order terms and conditions. An annual purchase order contract will be issued to the successful bidder Any exceptions to the contract must be clearly noted in exceptions section of the Bid Form-Schedule.
14. Emergency Contact: Supplier must provide a 24 hour emergency contact phone number to the District for emergency orders.

Purchase Order Terms and Conditions

1. **Acceptance.** By accepting this Purchase Order, Vendor agrees to comply with these terms and conditions. Vendor shall sell and deliver, and Las Virgenes Municipal Water District (the "District") shall purchase, the goods, material and/or items described above (the "Goods"). The Goods must comply with this Purchase Order and the notice inviting bids and information to bidders, (if any). The Goods shall be new (unless stated otherwise on this Purchase Order), sold and purchased at prices set forth above.
2. **Delivery.** Vendor's carrier shall deliver the Goods FOB at the location set forth above. Vendor to pay all freight costs unless otherwise noted on front of Purchase Order; FOB Destination Freight Prepaid and Allowed. Goods shall be delivered no later than the date set forth above. Time is of the essence. Any delivery of Goods prior to issuance of a Purchase Order shall be at the Vendors sole risk. The District will not be obligated to return or pay for any Goods delivered without a Purchase Order. It will be the Vendors responsibility to pick up any Goods delivered without a Purchase Order.
3. **Compliance with Law.** The design and manufacture of the Goods shall comply with all applicable federal, state and local laws and regulations.
4. **Governing Law.** This Agreement shall be construed in accordance with and governed by the laws of the State of California.
5. **Risk of Loss.** Vendor shall bear the risk of loss of or damage to Goods until such time as District takes actual possession of Goods by moving them from the point of delivery.
6. **Substitutions.** No substitution will be permitted without the written consent of District. If Vendor proposes any substitution, Vendor guarantees that the substitution is equal in quality, capacity, durability, ease of maintenance, and ease of installation to the Goods originally specified.
7. **Changes.** District, by written order, may delete Goods to be supplied under this Purchase Order, and the Purchase Order price will be equitably reduced and the Purchase Order shall be modified in writing accordingly. District, by written order, may order an increase in Goods to be supplied, and the Purchase Order price will be equitably increased. If unit prices are stated, the reduction or increase shall be calculated at the unit prices stated in the Purchase Order. If no unit prices are stated, Vendor shall promptly, at the request of District, quote prices, and District shall promptly accept or reject the quote.
8. **Blanket or Annual Purchase Orders.** For Blanket or Annual Purchase Orders, the quantity amounts reflect estimated needs of the District for the term of the order and actual quantity purchased may vary higher or lower.
9. **Inspection and Testing.** All Goods will be subject to final inspection and approval after delivery. Payment for the Goods will not constitute final acceptance. Vendor at its cost shall remove and replace any Goods that District designates as nonconforming or defective. District's failure to inspect does not relieve Seller of any responsibility to perform according to the terms of the Purchase Order.
10. **Indemnification.** Vendor shall indemnify, defend, protect, and hold harmless District, and its officers, employees, volunteers and agents from and against any and all liability, losses, claims, damages, expenses, demands, lawsuits, administrative proceedings, arbitrations, and costs (including, but not limited to, attorney, expert witness and consultant fees, and litigation costs) of every nature arising out of breach of this Purchase Order or negligent or wrongful act of Vendor. This indemnification provision shall not apply to claims, liability, loss or damage caused by the sole negligence or willful misconduct of District.
11. **Warranty.** Vendor warrants that all Goods and related services to be supplied by it under this Purchase Order are fit and sufficient for the purpose intended; that all Goods and related services will conform to the specifications, drawing samples or other descriptions specified by the District; that the Goods are new, merchantable, good quality and free from defects (whether patent or latent) in material and workmanship; that all workmanship and Goods to be provided are of the best grade and quality; and, that it has good and clear title to all Goods to be supplied by it and the same are free and clear from all liens, encumbrances and security interests. For a period of one year after delivery of the Goods, Vendor shall at its own expense replace or repair defective Goods at the request of District.
12. **Payment.** Payment will be made within 30 days after receipt of a properly prepared invoice or receipt of goods, whichever is later. District may withhold 10% of the price until the Goods are installed, tested, and operating. District shall pay all applicable sales and use taxes. The District is not responsible for payment of any Good delivered without a valid Purchase Order in effect.
13. **Force Majeure.** Except for defaults of Seller's subcontractors at any tier, neither District nor Vendor shall be liable for any failure to perform due to any cause beyond their reasonable control and without their fault or negligence. Such causes include, but are not limited to, acts of God or of the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, terrorism, quarantine restrictions, strikes, freight embargoes, and unusually severe weather. In the event that performance of this Purchase Order is hindered, delayed or adversely affected by causes of the type described above ("Force Majeure"), then the party whose performance is so affected shall so notify the other party's authorized representative in writing and, at District's option, this Purchase Order shall be completed with such adjustments as are reasonably required by the existence of Force Majeure or this Purchase Order may be terminated for convenience.
14. **Termination.** District may terminate this Purchase Order at any time with or without cause and such termination shall not constitute default. In the event of partial termination, Vendor is not excused from performance of the non-terminated balance of work under this Purchase Order. The District shall pay the vendor for any portion of the order that is completed prior to termination.
15. **Integration.** This Purchase Order constitutes the sole, final, complete, exclusive and integrated expression and statement of the terms of this contract among the parties concerning the subject matter addressed herein, and supersedes all prior and contemporaneous negotiations, representations and agreements, either oral or written, that may be related to the subject matter of this Purchase Order, except those other documents that are expressly referenced in this Purchase Order.
16. **Severability.** If any provision of this Agreement shall be deemed to be invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired thereby.
17. **Waiver.** The waiver at any time by any party of its rights with respect to a default or other matter arising in connection with this Purchase Order shall not be deemed a waiver with respect to any subsequent default or matter. No payment by District to Vendor shall be considered or construed to be an approval or acceptance of any defective goods or any other breach or default.
18. **Attorney's Fees.** In the event any legal action is brought to enforce or construe this Purchase Order, the prevailing party shall be entitled to an award of reasonable attorney's fees, expert witness and consulting fees, litigation costs and costs of suit.
19. **Disputes.** If a dispute arises in any way arising out of or relating to this Agreement or the breach thereof, or relating to its application or interpretation, the aggrieved party will notify the other party of the dispute in writing within twenty days after such dispute arises and the parties will meet and confer within thirty days after delivery of such notice to attempt to resolve the dispute. If the parties are unable to resolve the dispute to their mutual, the District reserves its right to seek appropriate legal remedies.
20. **Remedies.** Except as otherwise provided herein, the rights and remedies of both parties hereunder shall be in addition to their rights and remedies at law or in equity. Failure of either party to enforce any of its rights shall not constitute a waiver of such rights or of any other rights and shall not be construed as a waiver or relinquishment of any such provisions, rights or remedies.
21. **Insurance.** Any vendor performing a service on District property or a District job site is required to have insurance. The District's minimum standard insurance requirements are as follows: General Liability with \$1 million per occurrence and \$2 million aggregate, Insured Autos \$1 million, and Worker's Compensation CA State Statutory Requirements. Additional insurance may be required. If so, it will be stated on front of PO or other related contract documents. Insurance certificates and endorsements specifically naming "Las Virgenes Municipal Water District, its officers, employees, and agents" as additional insured are required before any work is performed.
22. **Rentals.** For the purpose of calculating rental periods, one day is 24 hours (from time of delivery), one week is seven calendar days and one month is 30 calendar days, unless specified otherwise on the front of Purchase Order. Items are to be considered off rent at the time a pick-up is called in to vendor.
23. **Assignment.** Vendor shall not assign, sell or otherwise transfer any obligation or interest in this Agreement without the specific written consent of the District.
24. **Modifications.** Any modifications or exceptions to these Terms and Conditions will be stated on the front of the Purchase Order.

References

Name: Los Angeles County Sanitation
Address: 1965 Workman Mill Road, Whittier, CA 90601
Phone: 310-948-1199
Contract Person: Malika Jones
Email Address: mjones@lacsdsd.org

Name: City of Bakersfield
Address: 6901 McCutchen Road, Bakersfield, CA 93313
Phone: 661-326-3258
Contract Person: Josue Hernandez
Email Address: jhernandez@bakersfieldcity.us

Name: Eastern Municipal Water District
Address: 2270 Trumble Road, Perris, CA 92570
Phone: 951-928-377 EXT 6178
Contact Person: Kellie Gomez
Email Address: gomezk@emwd.org



PYM-PDS-NA-Zetag-88 Range-R2

Zetag™ 88 Range Flocculants

Description

High molecular weight polyacrylamide-based flocculants, which exhibit varying degrees of cationic charge. They are supplied as viscous free flowing liquids in inverse emulsion form.

Chemical Structure

Co-polymers of acrylamide and quaternized cationic monomer.

Product	Cationic Charge	Molecular Weight
Zetag 8812	low	very high
Zetag 8814	medium	high
Zetag 8816	medium-high	very high
Zetag 8818	high	very high
Zetag 8819	very high	very high
Zetag 8844FS	medium	medium
Zetag 8846FS	medium-high	medium
Zetag 8848FS	high	high
Zetag 8849FS	very high	medium
Zetag 8868FS	high	low
Zetag 8828FSB	medium-high	high
Zetag 8847FSB	high	medium
Zetag 8857FSB	high	medium
Zetag 8858FSB	high	medium
Zetag 8829FSB	very high	high

Principal Use

Polyelectrolytes for conditioning a variety of municipal and industrial substrates prior to mechanical or static solid/liquid separation.

These products are not suitable for use in potable water applications. If in any doubt regarding suitability for a given application, please contact your local sales representative.

Benefits

Highly effective across a wide range of applications (e.g., mechanical dewatering and thickening, flotation and clarification). Operation over a wide pH range (4 – 9).

Storage

The shelf life of the product is minimum 6 months from date of manufacturing if it is stored in its sealed original packaging within a temperature range of 5 – 25 °C in a dry place.

It is recommended that stock solutions at 0.25 – 0.5% are prepared regularly and for maximum effect such solutions should be used within 5 days. Beyond this period some loss in efficiency of the product may occur.

Depending upon storage conditions and product age, product separation may occur. If separation is observed the product should be re-dispersed well by mixing or re-circulation before use to ensure maximum efficiency.

Shipping & Handling

As with all cationic polyelectrolytes the product exhibits toxicity towards fish.

It is important that precautions are taken where the product may come into direct contact with fresh water courses, streams and rivers.

Corrosion towards most standard materials of construction is very low. Stainless steel, fiberglass, polyethylene, polypropylene and rubberized surfaces are recommended. In some cases, aluminum surfaces can be adversely affected.

Spilled product is slippery underfoot, very slippery when wet, stir before use. Please refer to the SDS for methods of removing the polymer.

The following materials should be avoided when handling neat inverse emulsions products:

- EPDM (Ethylene Propylene Rubber)
- Natural Rubber
- Polyurethane
- PVC

Packaging

This product is available in a variety of packaging sizes. Your Solenis representative will recommend the appropriate packaging for the application.

Continued on page 2.


Important Information

Typical Properties: Refer to the Safety Data Sheet (SDS).

Regulatory Information: Refer to the SDS/RDS or contact your sales representative for any additional regulatory and environmental information.

Safety: Solenis maintains an SDS for all of its products. Use the health and safety information contained in the SDS to develop appropriate product handling procedures to protect your employees and customers.

Our SDS should be read and understood by all of your supervisory personnel and employees before using Solenis products in your facilities.

		Page: 1
SAFETY DATA SHEET		Revision Date: 08/30/2022
		Print Date: 02/19/2024
		SDS Number: R1201191
Zetag™ 8818 (US) FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 933013		Version: 2.5

SECTION 1. IDENTIFICATION

Product identifier

Trade name : Zetag™ 8818 (US) FLOCCULANT
™ Trademark, Solenis or its subsidiaries or affiliates,
registered in various countries

Recommended use of the chemical and restrictions on use

Use of the Substance/Mixture : Flocculating agent

Details of the supplier of the safety data sheet Solenis LLC 500 Hercules Road Wilmington, Delaware 19808 United States of America (USA) EHSProductSafetyTeam@solenis.com	Emergency telephone number 1-844-SOLENIS (844-765-3647) Product Information Contact your local Solenis representative
---	--

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin irritation : Category 2

Eye irritation : Category 2B

GHS label elements

Hazard pictograms :




Signal word : Warning

Hazard statements : H315 + H320 Causes skin and eye irritation.

Precautionary statements :

Prevention:
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves.

Response:
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

		Page: 2
SAFETY DATA SHEET		Revision Date: 08/30/2022
		Print Date: 02/19/2024
		SDS Number: R1201191
Zetag™ 8818 (US) FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 933013		Version: 2.5

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Other hazards

Material can create slippery conditions.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture


Components

Chemical name	CAS-No.	Classification	Concentration (%)
ALIPHATIC HYDROCARBON	Trade Secret	Flam. Liq. 4; H227 Asp. Tox. 1; H304	>= 20 - < 30
ALCOHOL ETHOXYLATE	Trade Secret	Acute Tox. 4; H302 Eye Dam. 1; H318	>= 1 - < 1.5

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES


- General advice : Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.
- If inhaled : If breathed in, move person into fresh air.
If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- In case of skin contact : Remove contaminated clothing. If irritation develops, get medical attention.
If on skin, rinse well with water.
First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.
Wash contaminated clothing before re-use.
- In case of eye contact : Flush eyes with water as a precaution.
Remove contact lenses.

		Page: 3
SAFETY DATA SHEET		Revision Date: 08/30/2022
		Print Date: 02/19/2024
		SDS Number: R1201191
Zetag™ 8818 (US) FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 933013		Version: 2.5

- Protect unharmed eye.
If eye irritation persists, consult a specialist.
- If swallowed : Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include:
stomach or intestinal upset (nausea, vomiting, diarrhea)
irritation (nose, throat, airways)
Lung irritation
confusion
irregular heartbeat
Convulsions
Inhalation of high concentrations of this material, as could occur in enclosed spaces or during deliberate abuse, may be associated with cardiac arrhythmias. Sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to this material.
This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting.
Causes skin and eye irritation.
- Notes to physician : No hazards which require special first aid measures.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Water spray
Foam
Carbon dioxide (CO2)
Dry chemical
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : If product is heated above its flash point it will produce vapors sufficient to support combustion. Vapors are heavier than air and may travel along the ground and be ignited by heat, pilot lights, other flames and ignition sources at locations near the point of release.
Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : Carbon monoxide
Carbon dioxide (CO2)
Nitrogen oxides (NOx)
Hydrocarbons

		Page: 4
SAFETY DATA SHEET		Revision Date: 08/30/2022
		Print Date: 02/19/2024
		SDS Number: R1201191
Zetag™ 8818 (US) FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 933013		Version: 2.5


- Specific extinguishing methods : Product is compatible with standard fire-fighting agents.
- Further information : Material can create slippery conditions.
Water may cause extremely slippery conditions.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Material can create slippery conditions.
Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.
Comply with all applicable federal, state, and local regulations.
- Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : For small spills, quickly contain and remove the spilled material using absorbent pads, socks, kitty litter, sawdust etc, then appropriately dispose. Do not leave absorbents to sit overnight, as they will become hard and difficult to remove.
The remaining residue or film can be treated with dilute caustic (2%) or dilute liquid bleach (2–5%), allowed to soak for up to one hour, and clean with warm water (between 49C – 54C (120F – 130 F)) or flushed to a sewer using high volumes of water taking into account local guidelines.
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : Avoid spillage on floor as the product can become very slippery.
Do not breathe vapours/dust.
Do not smoke.
Container hazardous when empty.
Smoking, eating and drinking should be prohibited in the application area.
For personal protection see section 8.

 Strong bonds. Trusted solutions.	Page: 5
SAFETY DATA SHEET	Revision Date: 08/30/2022
	Print Date: 02/19/2024
	SDS Number: R1201191
Zetag™ 8818 (US) FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 933013	Version: 2.5

Dispose of rinse water in accordance with local and national regulations.

- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological safety standards.
- Recommended storage temperature : 41 - 77 °F / 5 - 25 °C
- Further information on storage stability : No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION


Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
ALIPHATIC HYDROCARBON	Trade Secret	TWA	200 mg/m ³ (total hydrocarbon vapor)	ACGIH

Engineering measures : Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

Personal protective equipment

- Respiratory protection : In the case of vapour formation use a respirator with an approved filter.
- Filter type : Type A
- Hand protection
Material : nitrile rubber
- Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.
- Eye protection : Wear chemical splash goggles when there is the potential for exposure of the eyes to liquid, vapor or mist.
- Skin and body protection : Wear as appropriate.


		Page: 6
SAFETY DATA SHEET		Revision Date: 08/30/2022
		Print Date: 02/19/2024
		SDS Number: R1201191
Zetag™ 8818 (US) FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 933013		Version: 2.5

Impervious clothing
 Safety shoes
 Choose body protection according to the amount and concentration of the dangerous substance at the work place.
 Wear resistant gloves (consult your safety equipment supplier).
 Discard gloves that show tears, pinholes, or signs of wear.

Hygiene measures : Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES


Appearance	: emulsion
Colour	: white
Odour	: hydrocarbon-like
Odour Threshold	: No applicable information available.
pH	: ca. 4
Melting point/freezing point	: No data available
Boiling point/boiling range	: ca. 212 °F / 100 °C
Flash point	: > 212 °F / > 100 °C Method: ASTM D92: Standard Test Method for Flash and Fire Points by Cleveland Open Cup. No flash point - Measurement made up to the indicated temperature, pilot light extinguishes.
Evaporation rate	: No data available
Flammability (solid, gas)	: Not classified as a flammability hazard
Self-ignition	: does not ignite
Upper explosion limit / Upper flammability limit	: No data available
Lower explosion limit / Lower flammability limit	: No data available
Vapour pressure	: The product has not been tested.
Relative vapour density	: No data available

	Page: 7
SAFETY DATA SHEET	Revision Date: 08/30/2022
	Print Date: 02/19/2024
	SDS Number: R1201191
Zetag™ 8818 (US) FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 933013	Version: 2.5

Relative density	: No data available
Density	: ca. 1.0 g/cm ³ (68 °F / 20 °C)
Solubility(ies)	
Water solubility	: dispersible
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Decomposition temperature	: No data available
Viscosity	
Viscosity, dynamic	: 1,000 - 1,500 mPa.s
Viscosity, kinematic	: > 20.5 mm ² /s (104 °F / 40 °C) The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.
Explosive properties	: Not explosive
Oxidizing properties	: The substance or mixture is not classified as oxidizing.

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No decomposition if stored and applied as directed.
Chemical stability	: Stable under recommended storage conditions.
Possibility of hazardous reactions	: Product will not undergo hazardous polymerization.
Conditions to avoid	: Heat, flames and sparks.
Incompatible materials	: Strong oxidizing agents strong reducing agents
Hazardous decomposition products	: Carbon monoxide Carbon dioxide (CO ₂) Nitrogen oxides (NO _x) Hydrocarbons

	Page: 8
SAFETY DATA SHEET	Revision Date: 08/30/2022
	Print Date: 02/19/2024
	SDS Number: R1201191
Zetag™ 8818 (US) FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 933013	Version: 2.5

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Components:

ALIPHATIC HYDROCARBON:

- Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg
- Acute inhalation toxicity : LC 50 (Rat, male and female): > 5.28 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Method: OECD Test Guideline 403
Assessment: No adverse effect has been observed in acute inhalation toxicity tests.
- Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg
Assessment: No adverse effect has been observed in acute dermal toxicity tests.

ALCOHOL ETHOXYLATE:

- Acute oral toxicity : LD50 (Rat): Expected > 300 - 2,000 mg/kg

Skin corrosion/irritation

Causes skin irritation.

Product:

- Species : Rabbit
- Method : OECD Test Guideline 404
- Result : irritating
- GLP : yes

Components:

ALIPHATIC HYDROCARBON:


- Result : Mildly irritating to skin

Serious eye damage/eye irritation

Causes eye irritation.

Product:

- Species : Rabbit
- Result : Mild eye irritation
- Remarks : Unlikely to cause eye irritation or injury.

	Page: 9
SAFETY DATA SHEET	Revision Date: 08/30/2022
	Print Date: 02/19/2024
	SDS Number: R1201191
Zetag™ 8818 (US) FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 933013	Version: 2.5

Components:

ALIPHATIC HYDROCARBON:

Result : Mildly irritating to eyes

ALCOHOL ETHOXYLATE:

Result : Corrosive to eyes

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Components:


ALIPHATIC HYDROCARBON:

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

Further information

Product:

Remarks : No data available

		Page: 10
SAFETY DATA SHEET		Revision Date: 08/30/2022
		Print Date: 02/19/2024
		SDS Number: R1201191
Zetag™ 8818 (US) FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 933013		Version: 2.5

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

- Toxicity to fish : LC50 (Oncorhynchus mykiss): 18 mg/l
Exposure time: 96 h
Remarks: Test conducted using environmentally representative water.
- NOEC (Oncorhynchus mykiss (rainbow trout)): 13 mg/l
Exposure time: 96 h
Remarks: Test conducted using environmentally representative water.
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Ceriodaphnia dubia (water flea)): 2.72 mg/l
Exposure time: 48 h
Test Type: static test
Test substance: Test conducted with a similar formulation
Remarks: Test conducted using environmentally representative water.

Ecotoxicology Assessment

- Acute aquatic toxicity : Acute aquatic toxicity Category 2; Toxic to aquatic life.
- Chronic aquatic toxicity : Not classified based on available information.

Components:

ALIPHATIC HYDROCARBON:

Ecotoxicology Assessment

- Acute aquatic toxicity : No toxicity at the limit of solubility
- Chronic aquatic toxicity : No toxicity at the limit of solubility

ALCOHOL ETHOXYLATE:


Ecotoxicology Assessment

- Acute aquatic toxicity : Toxic to aquatic life.
- Chronic aquatic toxicity : Not classified based on available information.

Persistence and degradability

Product:

- Biodegradability : Remarks: At natural pHs (>6), the polymer degrades due to the hydrolysis to more than 70% in 28 days.

		Page: 11
SAFETY DATA SHEET		Revision Date: 08/30/2022
		Print Date: 02/19/2024
		SDS Number: R1201191
Zetag™ 8818 (US) FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 933013		Version: 2.5

Physico-chemical removability : Remarks: The product can be eliminated from water by abiotic processes, e.g. adsorption on activated sludge.

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Toxic to aquatic life.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Dispose of in accordance with all applicable local, state and federal regulations.

The product should not be allowed to enter drains, water courses or the soil.

Do not contaminate ponds, waterways or ditches with chemical or used container.

Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Empty containers should be taken to an approved waste handling site for recycling or disposal.
Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR

Not regulated as a dangerous good


IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

		Page: 12
SAFETY DATA SHEET		Revision Date: 08/30/2022
		Print Date: 02/19/2024
		SDS Number: R1201191
		Version: 2.5
Zetag™ 8818 (US) FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 933013		

49 CFR

Not regulated as a dangerous good

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : Skin corrosion or irritation
Serious eye damage or eye irritation

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop. 65

Proposition 65 warnings are not required for this product based on the results of a risk assessment performed on the product as delivered and when used as intended.


The components of this product are reported in the following inventories:

- TCSI : On the inventory, or in compliance with the inventory
- TSCA : All substances listed as active on the TSCA inventory
- AIIC : All components are listed on the inventory, regulatory obligations/restrictions apply
- DSL : All components of this product are on the Canadian DSL
- ENCS : Not in compliance with the inventory
- KECI : On the inventory, or in compliance with the inventory
- PICCS : On the inventory, or in compliance with the inventory
- IECSC : On the inventory, or in compliance with the inventory

TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

 Strong bonds. Trusted solutions.		Page: 13
SAFETY DATA SHEET		Revision Date: 08/30/2022
		Print Date: 02/19/2024
		SDS Number: R1201191
Zetag™ 8818 (US) FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 933013		Version: 2.5

SECTION 16. OTHER INFORMATION

Further information

Revision Date : 08/30/2022


Full text of H-Statements

H227 : Combustible liquid.
H302 : Harmful if swallowed.
H304 : May be fatal if swallowed and enters airways.
H318 : Causes serious eye damage.

Full text of other abbreviations

Acute Tox. : Acute toxicity
Asp. Tox. : Aspiration hazard
Eye Dam. : Serious eye damage
Flam. Liq. : Flammable liquids
ACGIH : USA. ACGIH Threshold Limit Values (TLV)
ACGIH / TWA : 8-hour, time-weighted average

AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECL - Thailand

	Page: 14
SAFETY DATA SHEET	Revision Date: 08/30/2022
	Print Date: 02/19/2024
	SDS Number: R1201191
Zetag™ 8818 (US) FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 933013	Version: 2.5

Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Sources of key data used to compile the Safety Data Sheet

Key literature references and sources of data

SOLENIS Internal data

SOLENIS internal data including own and sponsored test reports

The UNECE administers regional agreements implementing harmonised classification for labelling (GHS) and transport.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. This SDS has been prepared by the Solenis Environmental Health and Safety Department.

US / EN



DATE: March 19, 2024
TO: Board of Directors
FROM: Engineering and External Affairs

SUBJECT: 2023 Las Virgenes Reservoir (Westlake) Dam Settlement Report

SUMMARY:

As part of the District's on-going surveillance monitoring program for Las Virgenes Reservoir (Westlake) Dam, the annual survey for the dam has been completed, and a report summarizing the results is presented to the Board. The report identifies no significant variances in measurements due to shifting or settlement as compared to the previous year's survey. The report incorporates data from 2022 and has been reviewed by the California Department of Water Resources, Division of Safety of Dams (DSOD).

RECOMMENDATION(S):

Receive and file the 2023 Las Virgenes Reservoir (Westlake) Dam Settlement Report.

ITEM BUDGETED:

Yes

FINANCIAL IMPACT:

There is no financial impact associated with this action.

DISCUSSION:

The California Department of Water Resources, Division of Safety of Dams (DSOD) has requested that seepage flow, reservoir level and horizontal (shifting), and vertical (settlement) movement of monuments located on the crest of Las Virgenes Reservoir (Westlake) Dam be monitored and reported. The California Water Code authorizes DSOD to issue rules and regulations to safeguard life and property regarding dams. In addition to reviewing the annual settlement report, DSOD provides periodic maintenance inspections.

The District has conducted settlement surveys at the Las Virgenes Reservoir (Westlake) Dam since its construction in 1972. Chris Nelson and Associates completed this year's (2023) survey to assess potential settlement of the dam and spillway. The 2023 Las Virgenes

Reservoir Dam Settlement Report (see attachment) was prepared to summarize and document the results of the survey.

Previous surveys were performed by Benner and Carpenter Land Surveyors, and Peak Surveys, Inc., with consistent results between both surveyors. This report addresses the movement of monuments located on the crest of the dam and along the spillway. Additionally, seepage flow, rainfall amounts, and reservoir level measurements were analyzed in the report using a format recommended by DSOD. The report takes into consideration seepage measurements from the District's automated monitoring facilities and manual reads taken by District staff.

GOALS:

Construct, Manage and Maintain all Facilities and Provide Services to Assure System Reliability and Environmental Compatibility

Prepared by: John Soderberg, Assistant Engineer

ATTACHMENTS:

[2023 LVMWD Dam Settlement Report](#)
[DSOD Transmittal Letter](#)

2023 Las Virgenes Dam Settlement Report

On May 5, 2023 Las Virgenes Municipal Water District (District) had Chris Nelson & Associates, Inc. perform a settlement survey of the earthen dams around the Las Virgenes Reservoir located in the City of Westlake Village, Los Angeles County, California. The previous annual settlement survey was performed on January 27th, 2022 by Benner and Carpenter Land Surveyors.

The Division of Safety of Dams (DSOD), a section of the California Department of Water Resources, requests that the horizontal and vertical movement of monuments located on the crest of the dam, seepage flows, and reservoir levels be monitored. The California Water Code authorizes the DSOD to issue rules and regulations to safeguard life and property. In the case of an earthquake magnitude 5.0 or greater in the immediate vicinity of the dam, the District may perform additional surveys.

The District has been conducting settlement surveys since May of 1972. The annual survey is performed by measuring the vertical and horizontal movements of fifteen monuments on the crest of the dam (Attachment A-1). The results of these measurements are compared with results from previous surveys, particularly the previous year's results. Large deviations (1 inch or greater) in the horizontal or vertical position of the monuments since the last survey warrant further investigation. There were no movements of the monuments, 1 inch or greater, between the previous (1/26/22) and current (5/5/23) surveys. A table summarizing the survey data and net movements of the monuments is presented in attachment A-2.

Historical survey monument measurements are presented in tabular and graphical format (Attachment A-3). These tables show the initial readings from 1972, but do not show the readings from 1973 to 1991 for conciseness. Graphical survey results from 1992 to 2023 are also presented in the tables. No survey of the monuments was conducted in 2018. Monument C-2 was added in 2021, which provides three data points at this time. The trending of the monument movements is shown graphically. The graphs do not show any significant vertical or horizontal movements that would require further investigation. In the case of an earthquake of magnitude 5.0 or greater in the vicinity of the dam, the District is required to perform additional surveys. There have been no earthquakes of magnitude 5.0 or greater in the vicinity of the dam since the last survey performed on February 1st, 2021.

In addition to the surveying of monuments, seepage from the four drains at the dam (Saddle, Perch, Main, and Easterly) is measured weekly. Significant variations in the rate of seepage that do not correspond to rainfall would require further investigation. Seepage flows can be measured manually using a container and timer to calculate the flow rate. Facilities were also constructed in 2009 to automatically measure seepage from the dam continuously. Based on recommendations from DSOD, seepage flows were measured using both the manual method and automatic system. Automated seepage measurements are connected to the SCADA system and a high seepage flow alarm will be triggered if the flow exceeds the highest historical seepage flow rate on record for each of the four seepage

drains. Since the last survey there have been no unexpected increases in seepage flow and any elevated seepage rate is consistent with seepage rates observed in past years during similar rainfall events.

Additionally, as a part of this report, Chris Nelson & Associates, Inc. measured distances from the inside face of the spillway to a previously established baseline. These measurements have been taken since 1991 and are presented in tabular format. The concrete in the spillway has been undergoing an alkali-silica reaction (ASR) causing minor deterioration. The ASR has resulted in “map” type cracking throughout the structure and caused minimal horizontal displacement. Tabular data analysis shows that there were no significant cumulative movements in the sections of the spillway between the previous (1/26/22) and current (5/5/23) measurements.

Sixteen graphs are attached which compare reservoir levels and seepage with rainfall and monument displacement:

- The first fifteen graphs (Attachment A-5) show the rise of the reservoir elevation during the winter “fill” period and then its decline during the summer “use” period. The multi-colored lines underneath the reservoir elevation represent the seepage rates at the Easterly, Perch, Main, and Saddle drains. The line graph in the middle of the page shows the cumulative displacement of the survey monuments over time. The monument displacement readings are taken annually. The bar graph on the bottom represents rainfall (cumulatively recorded weekly). This graphical presentation shows the general correlation between rainfall and seepage rates. These graphs are approximately aligned on the X-axis, so some minor offset in data may exist.
- The last graph (Attachment A-6) shows the trends in seepage flow (in gallons per minute) of the Saddle, Perch, Main, and Easterly drains, and precipitation for the same period. Seepage patterns remain consistent throughout the years except in the case of a significant rain event. Effects of significant rain can be seen on the graph at various times where there are corresponding spikes of seepage. If there are spikes of seepage that do not correspond to rain events, further investigation would be necessary. The 2017-2020 rainfall and seepage is consistent with past years, and spikes in seepage correspond to rain events so no further investigation is necessary. These graphs are approximately aligned on the X-axis, so some minor offset in data may exist.

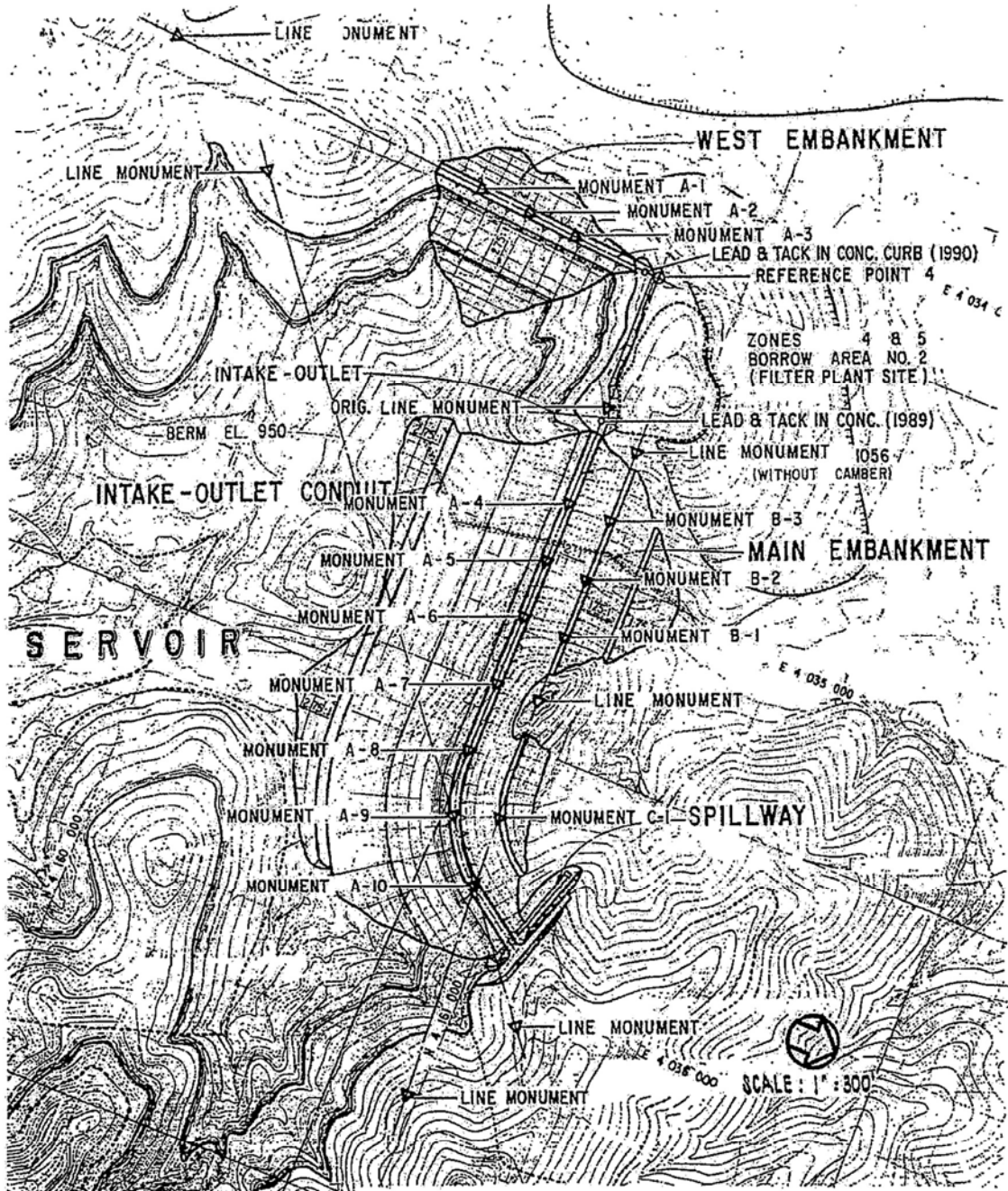
The next settlement survey should be conducted in January of 2024, unless a significant seismic event occurs in the vicinity of the dam, requiring additional surveying.

This report will be forwarded to the City of Westlake Village and the Department of Water Resources, Division of Safety of Dams.

Attachments:

- A-1 Las Virgenes Dam Monument Plan
- A-2 Summary Table of Las Virgenes Dam Vertical and Horizontal Surveys
- A-3 Settlement and Horizontal Movement Data for Each Monument (15 pages of Tabular and Graphical Data)
- A-4 Summary Table of Las Virgenes Dam Spillway Measurements
- A-5 Graphs 1-15: Las Virgenes Reservoir: Reservoir Elevation, Seepage, Monument Displacement, and Rainfall
- A-6 Graph 16: Las Virgenes Reservoir: Easterly, Perch, Main, and Saddle Drains Seepage
- A-7 Chris Nelson & Associates, Inc. Survey
- A-8 Shake Maps California Earthquake Archive for 2023

A-1—LAS VIRGENES DAM MONUMENT PLAN



SETTLEMENT MONUMENTS

WESTLAKE RESERVOIR DAM ~ NO. 1073
 LAS VIRGENES MUNICIPAL WATER DISTRICT

A-2 Summary Table of Las Virgenes Dam Vertical and Horizontal Surveys

LAS VIRGENES DAM VERTICAL SURVEY

Monument	Measurement Dates		Net Movement	
	1/27/2022	5/5/2023	[feet]	[inches]
A-1	1056.22	1056.21	-0.01	-0.12
A-2	1056.51	1056.51	-0.01	-0.12
A-3	1056.49	1056.48	-0.02	-0.24
A-4	1057.69	1057.68	-0.01	-0.12
A-5	1058.41	1058.41	0.00	0.00
A-6	1058.32	1058.32	0.00	0.00
A-7	1057.71	1057.71	0.00	0.00
A-8	1057.57	1057.57	0.00	0.00
A-9	1057.57	1057.56	-0.01	-0.12
A-10	1057.15	1057.14	-0.01	-0.12
B-1	1010.26	1010.27	0.01	0.12
B-2	1009.93	1009.94	0.01	0.12
B-3	1010.11	1010.12	0.00	0.00
C-1	1010.872	1010.855	-0.02	-0.24
C-2	1035.222	1035.224	0.00	0.00

Maximum Vertical Deflection : 0.24 inches

LAS VIRGENES DAM HORIZONTAL SURVEY

Monument	Measurement Dates		Net Movement	
	1/27/2022	5/5/2023	[feet]	[inches]
A-1	0.11	0.10	-0.01	-0.12
A-2	0.10	-0.10	0.00	0.00
A-3	0.04	-0.04	0.00	0.00
A-4	0.05	-0.05	0.00	0.00
A-5	0.03	-0.05	-0.02	-0.24
A-6	0.01	-0.03	-0.02	-0.24
A-7	0.02	0.01	0.03	0.36
A-8	0.02	0.01	0.03	0.36
A-9	0.03	0.01	0.03	0.36
A-10	0.07	-0.03	0.04	0.48
B-1	0.05	-0.08	-0.03	-0.36
B-2	0.14	-0.16	-0.02	-0.24
B-3	0.12	-0.13	-0.01	-0.12
C-1	0.03	-0.02	0.01	0.12
C-2	0.01	0.01	0.02	0.24

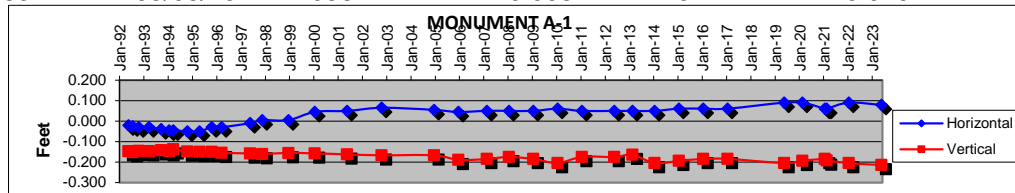
Maximum Horizontal Deflection : 0.48 inches

A-3 SETTLEMENT & HORIZONTAL MOVEMENT DATA

LAS VIRGENES MUNICIPAL WATER DISTRICT LAS VIRGENES RESERVOIR SETTLEMENT AND HORIZONTAL MOVEMENT RECORD

MONUMENT A-1

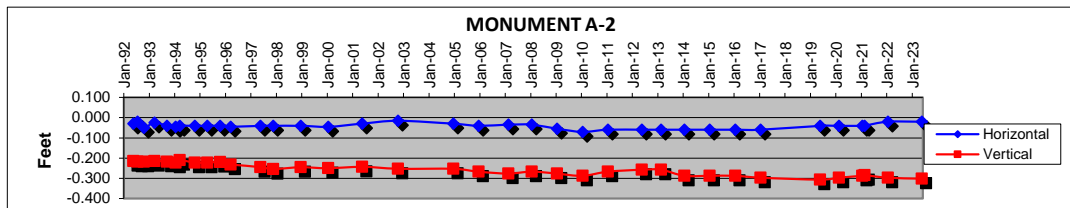
READING NO.	DATE	VERTICAL [feet]			HORIZONTAL [feet]	
		ELEV	DIFF.	CUM.	DIFF.	CUM.
1	05/01/72	1056.425	0.000	0.000	0.000	0.000
48	05/01/92	1056.278	0.005	-0.147	0.005	-0.020
49	07/01/92	1056.273	-0.005	-0.152	-0.005	-0.025
50	10/14/92	1056.279	0.006	-0.146	-0.005	-0.030
51	03/30/93	1056.278	-0.001	-0.147	0.000	-0.030
52	09/30/93	1056.283	0.005	-0.142	-0.010	-0.040
53	01/21/94	1056.277	-0.006	-0.148	-0.005	-0.045
54	03/24/94	1056.287	0.010	-0.138	0.000	-0.045
55	10/11/94	1056.276	-0.011	-0.149	-0.005	-0.050
56	04/06/95	1056.275	-0.001	-0.150	0.000	-0.050
57	10/19/95	1056.275	0.000	-0.150	0.020	-0.030
58	03/28/96	1056.270	-0.005	-0.155	0.000	-0.030
59	05/02/97	1056.267	-0.003	-0.158	0.020	-0.010
60	11/21/97	1056.264	-0.003	-0.161	0.015	0.005
61	12/17/98	1056.269	0.005	-0.156	0.000	0.005
62	01/06/00	1056.267	-0.002	-0.158	0.040	0.045
63	05/14/01	1056.262	-0.005	-0.163	0.005	0.050
64	10/30/02	1056.258	-0.004	-0.167	0.015	0.065
65	12/16/04	1056.258	0.000	-0.167	-0.010	0.055
66	12/09/05	1056.235	-0.023	-0.190	-0.010	0.045
67	02/21/07	1056.240	0.005	-0.185	0.005	0.050
68	01/24/08	1056.250	0.010	-0.175	0.000	0.050
69	01/29/09	1056.240	-0.010	-0.185	0.000	0.050
70	01/28/10	1056.220	-0.020	-0.205	0.010	0.060
71	01/18/11	1056.250	0.030	-0.175	-0.010	0.050
72	05/01/12	1056.250	0.000	-0.175	0.000	0.050
73	02/13/13	1056.260	0.010	-0.165	0.000	0.050
74	01/16/14	1056.220	-0.040	-0.205	0.000	0.050
75	01/07/15	1056.230	0.010	-0.195	0.010	0.060
76	01/08/16	1056.240	0.010	-0.185	0.000	0.060
77	01/09/17	1056.240	0.000	-0.185	0.000	0.060
78	05/21/19	1056.220	-0.020	-0.205	0.030	0.090
79	02/12/20	1056.230	0.010	-0.195	0.000	0.090
80	01/26/21	1056.240	0.010	-0.185	-0.030	0.060
81	02/01/21	1056.232	-0.008	-0.193	0.000	0.060
82	01/27/22	1056.219	-0.013	-0.206	0.030	0.090
83	05/05/23	1056.211	-0.008	-0.214	-0.010	0.080



**LAS VIRGENES MUNICIPAL WATER DISTRICT
LAS VIRGENES RESERVOIR
SETTLEMENT AND HORIZONTAL MOVEMENT RECORD**

MONUMENT A-2

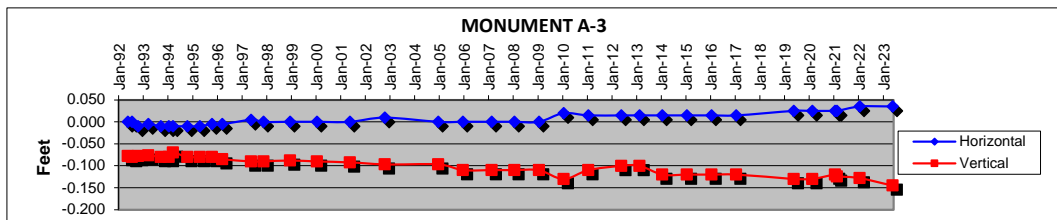
READING NO.	DATE	VERTICAL [feet]			HORIZONTAL [feet]	
		ELEV	DIFF.	CUM.	DIFF.	CUM.
1	05/01/72	1056.807	0.000	0.000	0.000	0.000
48	05/01/92	1056.593	0.009	-0.214	0.010	-0.030
49	07/01/92	1056.589	-0.004	-0.218	0.010	-0.020
50	10/14/92	1056.589	0.000	-0.218	-0.030	-0.050
51	03/30/93	1056.593	0.004	-0.214	0.025	-0.025
52	09/30/93	1056.590	-0.003	-0.217	-0.015	-0.040
53	01/21/94	1056.585	-0.005	-0.222	-0.005	-0.045
54	03/24/94	1056.597	0.012	-0.210	0.005	-0.040
55	10/11/94	1056.585	-0.012	-0.222	0.000	-0.040
56	04/06/95	1056.585	0.000	-0.222	0.000	-0.040
57	10/19/95	1056.587	0.002	-0.220	0.000	-0.040
58	03/28/96	1056.575	-0.012	-0.232	-0.005	-0.045
59	05/02/97	1056.563	-0.012	-0.244	0.005	-0.040
60	11/21/97	1056.553	-0.010	-0.254	0.000	-0.040
61	12/17/98	1056.562	0.009	-0.245	0.000	-0.040
62	01/06/00	1056.557	-0.005	-0.250	-0.005	-0.045
63	05/14/01	1056.564	0.007	-0.243	0.015	-0.030
64	10/30/02	1056.554	-0.010	-0.253	0.015	-0.015
65	12/16/04	1056.554	0.000	-0.253	-0.015	-0.030
66	12/09/05	1056.540	-0.014	-0.267	-0.010	-0.040
67	02/21/07	1056.530	-0.010	-0.277	0.005	-0.035
68	01/24/08	1056.540	0.010	-0.267	0.000	-0.035
69	01/29/09	1056.530	-0.010	-0.277	-0.020	-0.055
70	01/28/10	1056.520	-0.010	-0.287	-0.015	-0.070
71	01/18/11	1056.540	0.020	-0.267	0.010	-0.060
72	05/01/12	1056.550	0.010	-0.257	0.000	-0.060
73	02/13/13	1056.550	0.000	-0.257	0.000	-0.060
74	01/16/14	1056.520	-0.030	-0.287	0.000	-0.060
75	01/07/15	1056.520	0.000	-0.287	0.000	-0.060
76	01/08/16	1056.520	0.000	-0.287	0.000	-0.060
77	01/09/17	1056.510	-0.010	-0.297	0.000	-0.060
78	05/21/19	1056.500	-0.010	-0.307	0.020	-0.040
79	02/12/20	1056.510	0.010	-0.297	0.000	-0.040
80	01/26/21	1056.520	0.010	-0.287	0.000	-0.040
81	02/01/21	1056.523	0.003	-0.284	0.000	-0.040
82	01/27/22	1056.510	-0.013	-0.297	0.020	-0.020
83	05/05/23	1056.505	-0.005	-0.302	0.000	-0.020



**LAS VIRGENES MUNICIPAL WATER DISTRICT
LAS VIRGENES RESERVOIR
SETTLEMENT AND HORIZONTAL MOVEMENT RECORD**

MONUMENT A-3

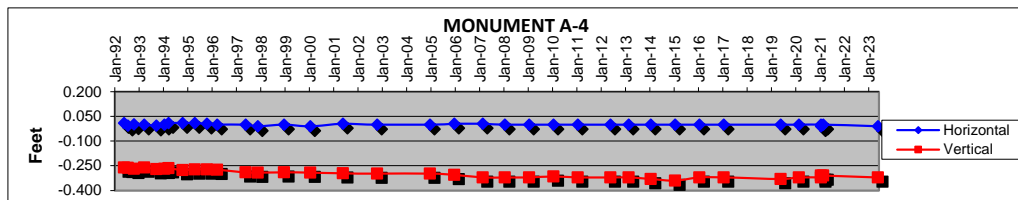
READING NO.	DATE	VERTICAL [feet]			HORIZONTAL [feet]	
		ELEV	DIFF.	CUM.	DIFF.	CUM.
1	05/01/72	1056.620	0.000	0.000	0.000	0.000
48	05/01/92	1056.542	0.004	-0.078	0.000	0.000
49	07/01/92	1056.540	-0.002	-0.080	0.000	0.000
50	10/14/92	1056.542	0.002	-0.078	-0.010	-0.010
51	03/30/93	1056.544	0.002	-0.076	0.005	-0.005
52	09/30/93	1056.540	-0.004	-0.080	-0.005	-0.010
53	01/21/94	1056.540	0.000	-0.080	0.000	-0.010
54	03/24/94	1056.550	0.010	-0.070	0.000	-0.010
55	10/11/94	1056.540	-0.010	-0.080	0.000	-0.010
56	04/06/95	1056.540	0.000	-0.080	0.000	-0.010
57	10/19/95	1056.540	0.000	-0.080	0.005	-0.005
58	03/28/96	1056.535	-0.005	-0.085	0.000	-0.005
59	05/02/97	1056.530	-0.005	-0.090	0.010	0.005
60	11/21/97	1056.530	0.000	-0.090	-0.005	0.000
61	12/17/98	1056.532	0.002	-0.088	0.000	0.000
62	01/06/00	1056.530	-0.002	-0.090	0.000	0.000
63	05/14/01	1056.528	-0.002	-0.092	0.000	0.000
64	10/30/02	1056.523	-0.005	-0.097	0.010	0.010
65	12/16/04	1056.523	0.000	-0.097	-0.010	0.000
66	12/09/05	1056.510	-0.013	-0.110	0.000	0.000
67	02/21/07	1056.510	0.000	-0.110	0.000	0.000
68	01/24/08	1056.510	0.000	-0.110	0.000	0.000
69	01/29/09	1056.510	0.000	-0.110	0.000	0.000
70	01/28/10	1056.490	-0.020	-0.130	0.020	0.020
71	01/18/11	1056.510	0.020	-0.110	-0.005	0.015
72	05/01/12	1056.520	0.010	-0.100	0.000	0.015
73	02/13/13	1056.520	0.000	-0.100	0.000	0.015
74	01/16/14	1056.500	-0.020	-0.120	0.000	0.015
75	01/07/15	1056.500	0.000	-0.120	0.000	0.015
76	01/08/16	1056.500	0.000	-0.120	0.000	0.015
77	01/09/17	1056.500	0.000	-0.120	0.000	0.015
78	05/21/19	1056.490	-0.010	-0.130	0.010	0.025
79	02/12/20	1056.490	0.000	-0.130	0.000	0.025
80	01/26/21	1056.500	0.010	-0.120	0.000	0.025
81	02/01/21	1056.496	-0.004	-0.124	0.000	0.025
82	01/27/22	1056.492	-0.004	-0.128	0.010	0.035
83	05/05/23	1056.475	-0.017	-0.145	0.000	0.035



**LAS VIRGENES MUNICIPAL WATER DISTRICT
LAS VIRGENES RESERVOIR
SETTLEMENT AND HORIZONTAL MOVEMENT RECORD**

MONUMENT A-4

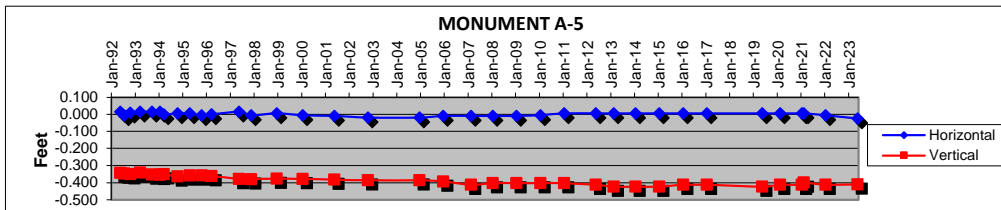
READING NO.	DATE	VERTICAL [feet]			HORIZONTAL [feet]	
		ELEV	DIFF.	CUM.	DIFF.	CUM.
1	05/01/72	1058.000	0.000	0.000	0.000	0.000
48	05/01/92	1057.739	0.002	-0.261	0.005	0.010
49	07/01/92	1057.738	-0.001	-0.262	-0.015	-0.005
50	10/14/92	1057.732	-0.006	-0.268	0.007	0.002
51	03/30/93	1057.740	0.008	-0.260	-0.002	0.000
52	09/30/93	1057.730	-0.010	-0.270	-0.005	-0.005
53	01/21/94	1057.731	0.001	-0.269	0.005	0.000
54	03/24/94	1057.736	0.005	-0.264	0.010	0.010
55	10/11/94	1057.723	-0.013	-0.277	0.000	0.010
56	04/06/95	1057.728	0.005	-0.272	0.000	0.010
57	10/19/95	1057.728	0.000	-0.272	-0.005	0.005
58	03/28/96	1057.726	-0.002	-0.274	-0.005	0.000
59	05/02/97	1057.710	-0.016	-0.290	0.000	0.000
60	11/21/97	1057.708	-0.002	-0.292	-0.010	-0.010
61	12/17/98	1057.710	0.002	-0.290	0.010	0.000
62	01/06/00	1057.709	-0.001	-0.291	-0.010	-0.010
63	05/14/01	1057.704	-0.005	-0.296	0.015	0.005
64	10/30/02	1057.703	-0.001	-0.297	-0.005	0.000
65	12/16/04	1057.703	0.000	-0.297	0.000	0.000
66	12/09/05	1057.695	-0.008	-0.305	0.005	0.005
67	02/21/07	1057.680	-0.015	-0.320	0.000	0.005
68	01/24/08	1057.680	0.000	-0.320	-0.005	0.000
69	01/29/09	1057.680	0.000	-0.320	0.000	0.000
70	01/28/10	1057.685	0.005	-0.315	0.000	0.000
71	01/18/11	1057.680	-0.005	-0.320	0.000	0.000
72	05/01/12	1057.680	0.000	-0.320	0.000	0.000
73	02/13/13	1057.680	0.000	-0.320	0.000	0.000
74	01/16/14	1057.670	-0.010	-0.330	0.000	0.000
75	01/07/15	1057.660	-0.010	-0.340	0.000	0.000
76	01/08/16	1057.680	0.020	-0.320	0.000	0.000
77	01/09/17	1057.680	0.000	-0.320	0.000	0.000
78	05/21/19	1057.670	-0.010	-0.330	0.000	0.000
79	02/12/20	1057.680	0.010	-0.320	0.000	0.000
80	01/26/21	1057.680	0.000	-0.320	0.000	0.000
81	02/01/21	1057.690	0.010	-0.310	0.000	0.000
82	01/27/21	1057.690	0.000	-0.310	-0.010	-0.010
83	05/05/23	1057.680	-0.010	-0.320	0.000	-0.010



**LAS VIRGENES MUNICIPAL WATER DISTRICT
LAS VIRGENES RESERVOIR
SETTLEMENT AND HORIZONTAL MOVEMENT RECORD**

MONUMENT A-5

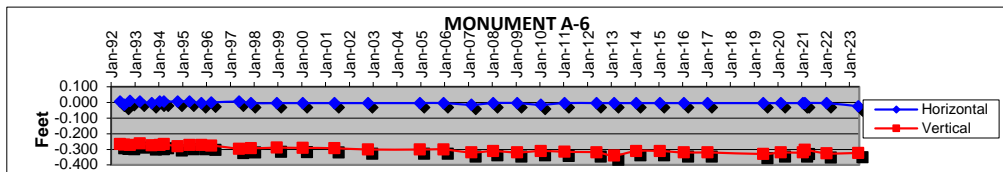
READING NO.	DATE	VERTICAL [feet]			HORIZONTAL [feet]	
		ELEV	DIFF.	CUM.	DIFF.	CUM.
1	05/01/72	1058.822	0.000	0.000	0.000	0.000
48	05/01/92	1058.479	0.004	-0.343	0.010	0.015
49	07/01/92	1058.476	-0.003	-0.346	-0.020	-0.005
50	10/14/92	1058.473	-0.003	-0.349	0.015	0.010
51	03/30/93	1058.481	0.008	-0.341	0.005	0.015
52	09/30/93	1058.470	-0.011	-0.352	0.000	0.015
53	01/21/94	1058.469	-0.001	-0.353	0.000	0.015
54	03/24/94	1058.472	0.003	-0.350	-0.015	0.000
55	10/11/94	1058.459	-0.013	-0.363	0.005	0.005
56	04/06/95	1058.465	0.006	-0.357	0.000	0.005
57	10/19/95	1058.465	0.000	-0.357	-0.010	-0.005
58	03/28/96	1058.462	-0.003	-0.360	0.005	0.000
59	05/02/97	1058.444	-0.018	-0.378	0.015	0.015
60	11/27/97	1058.443	-0.001	-0.379	-0.020	-0.005
61	12/17/98	1058.446	0.003	-0.376	0.010	0.005
62	01/06/00	1058.445	-0.001	-0.377	-0.010	-0.005
63	05/14/01	1058.441	-0.004	-0.381	-0.004	-0.009
64	10/30/02	1058.436	-0.005	-0.386	-0.010	-0.019
65	12/16/04	1058.436	0.000	-0.386	0.000	-0.019
66	12/09/05	1058.430	-0.006	-0.392	0.010	-0.009
67	02/21/07	1058.410	-0.020	-0.412	0.000	-0.009
68	01/24/08	1058.420	0.010	-0.402	0.000	-0.009
69	01/29/09	1058.420	0.000	-0.402	0.000	-0.009
70	01/28/10	1058.420	0.000	-0.402	0.004	-0.005
71	01/18/11	1058.420	0.000	-0.402	0.010	0.005
72	05/01/12	1058.410	-0.010	-0.412	0.000	0.005
73	02/13/13	1058.400	-0.010	-0.422	0.000	0.005
74	01/16/14	1058.400	0.000	-0.422	0.000	0.005
75	01/07/15	1058.400	0.000	-0.422	0.000	0.005
76	01/08/16	1058.410	0.010	-0.412	0.000	0.005
77	01/09/17	1058.410	0.000	-0.412	0.000	0.005
78	05/21/19	1058.400	-0.010	-0.422	0.000	0.005
79	02/21/20	1058.410	0.010	-0.412	0.000	0.005
80	01/26/21	1058.410	0.000	-0.412	0.000	0.005
81	02/01/21	1058.424	0.014	-0.398	0.000	0.005
82	01/27/22	1058.411	-0.013	-0.411	-0.010	-0.005
83	05/05/23	1058.412	0.001	-0.410	-0.020	-0.025



**LAS VIRGENES MUNICIPAL WATER DISTRICT
LAS VIRGENES RESERVOIR
SETTLEMENT AND HORIZONTAL MOVEMENT RECORD**

MONUMENT A-6

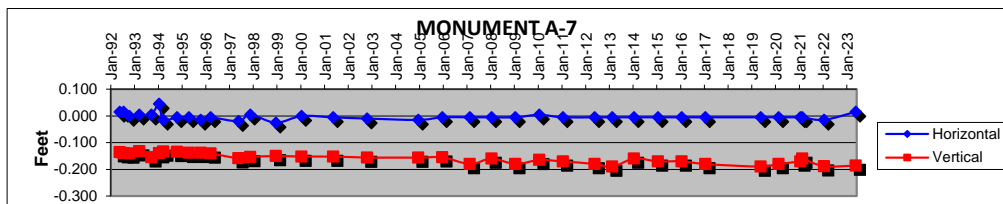
READING NO.	DATE	VERTICAL [feet]			HORIZONTAL [feet]	
		ELEV	DIFF.	CUM.	DIFF.	CUM.
1	05/01/72	1058.641	0.000	0.000	0.000	0.000
48	05/01/92	1058.375	0.003	-0.266	0.000	0.005
49	07/01/92	1058.371	-0.004	-0.270	-0.020	-0.015
50	10/14/92	1058.369	-0.002	-0.272	0.025	0.010
51	03/30/93	1058.378	0.009	-0.263	-0.005	0.005
52	09/30/93	1058.367	-0.011	-0.274	-0.010	-0.005
53	01/21/94	1058.369	0.002	-0.272	0.010	0.005
54	03/24/94	1058.374	0.005	-0.267	0.000	0.005
55	10/11/94	1058.360	-0.014	-0.281	0.000	0.005
56	04/06/95	1058.368	0.008	-0.273	0.000	0.005
57	10/19/95	1058.368	0.000	-0.273	-0.010	-0.005
58	03/28/96	1058.365	-0.003	-0.276	0.005	0.000
59	05/02/97	1058.344	-0.021	-0.297	0.005	0.005
60	11/27/97	1058.347	0.003	-0.294	-0.010	-0.005
61	12/17/98	1058.351	0.004	-0.290	0.000	-0.005
62	01/06/00	1058.350	-0.001	-0.291	0.000	-0.005
63	05/14/01	1058.348	-0.002	-0.293	0.000	-0.005
64	10/30/02	1058.339	-0.009	-0.302	0.000	-0.005
65	12/16/04	1058.339	0.000	-0.302	0.000	-0.005
66	12/09/05	1058.340	0.001	-0.301	0.000	-0.005
67	02/21/07	1058.320	-0.020	-0.321	-0.010	-0.015
68	01/24/08	1058.330	0.010	-0.311	0.010	-0.005
69	01/29/09	1058.320	-0.010	-0.321	0.000	-0.005
70	01/28/10	1058.330	0.010	-0.311	-0.010	-0.015
71	01/18/11	1058.325	-0.005	-0.316	0.010	-0.005
72	05/01/12	1058.320	-0.005	-0.321	0.000	-0.005
73	02/13/13	1058.300	-0.020	-0.341	0.000	-0.005
74	01/16/14	1058.330	0.030	-0.311	0.000	-0.005
75	01/07/15	1058.330	0.000	-0.311	0.000	-0.005
76	01/08/16	1058.320	-0.010	-0.321	0.000	-0.005
77	01/09/17	1058.320	0.000	-0.321	0.000	-0.005
78	05/21/19	1058.310	-0.010	-0.331	0.000	-0.005
79	02/12/20	1058.320	0.010	-0.321	0.000	-0.005
80	01/26/21	1058.320	0.000	-0.321	0.000	-0.005
81	02/01/21	1058.338	0.018	-0.303	0.000	-0.005
82	01/27/22	1058.315	-0.023	-0.326	0.000	-0.005
83	05/05/23	1058.317	0.002	-0.324	-0.020	-0.025



**LAS VIRGENES MUNICIPAL WATER DISTRICT
LAS VIRGENES RESERVOIR
SETTLEMENT AND HORIZONTAL MOVEMENT RECORD**

MONUMENT A-7

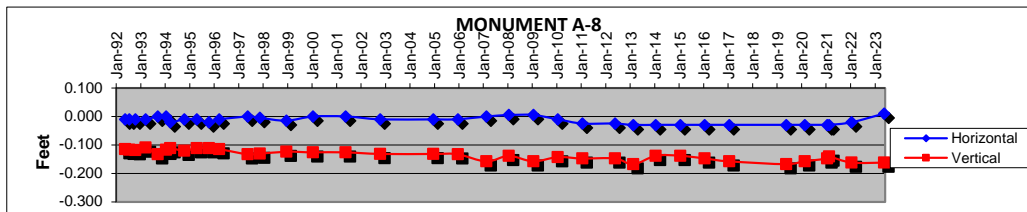
READING NO.	DATE	VERTICAL [feet]			HORIZONTAL [feet]	
		ELEV	DIFF.	CUM.	DIFF.	CUM.
1	05/01/72	1057.900	0.000	0.000	0.000	0.000
48	05/01/92	1057.764	0.002	-0.136	0.010	0.015
49	07/01/92	1057.761	-0.003	-0.139	0.000	0.015
50	10/14/92	1057.760	-0.001	-0.140	-0.015	0.000
51	03/30/93	1057.768	0.008	-0.132	0.005	0.005
52	09/30/93	1057.745	-0.023	-0.155	0.000	0.005
53	01/21/94	1057.761	0.016	-0.139	0.040	0.045
54	03/24/94	1057.767	0.006	-0.133	-0.060	-0.015
55	10/11/94	1057.765	-0.002	-0.135	0.010	-0.005
56	04/06/95	1057.762	-0.003	-0.138	0.000	-0.005
57	10/19/95	1057.762	0.000	-0.138	-0.010	-0.015
58	03/28/96	1057.759	-0.003	-0.141	0.010	-0.005
59	05/02/97	1057.742	-0.017	-0.158	-0.015	-0.020
60	11/27/97	1057.746	0.004	-0.154	0.025	0.005
61	12/17/98	1057.750	0.004	-0.150	-0.030	-0.025
62	01/06/00	1057.748	-0.002	-0.152	0.025	0.000
63	05/14/01	1057.748	0.000	-0.152	-0.005	-0.005
64	10/30/02	1057.744	-0.004	-0.156	-0.005	-0.010
65	12/16/04	1057.744	0.000	-0.156	-0.005	-0.015
66	12/09/05	1057.745	0.001	-0.155	0.010	-0.005
67	02/21/07	1057.720	-0.025	-0.180	0.000	-0.005
68	01/24/08	1057.740	0.020	-0.160	0.000	-0.005
69	01/29/09	1057.720	-0.020	-0.180	0.000	-0.005
70	01/28/10	1057.735	0.015	-0.165	0.010	0.005
71	01/18/11	1057.730	-0.005	-0.170	-0.010	-0.005
72	05/01/12	1057.720	-0.010	-0.180	0.000	-0.005
73	02/13/13	1057.710	-0.010	-0.190	0.000	-0.005
74	01/16/14	1057.740	0.030	-0.160	0.000	-0.005
75	01/07/15	1057.730	-0.010	-0.170	0.000	-0.005
76	01/08/16	1057.730	0.000	-0.170	0.000	-0.005
77	01/09/17	1057.720	-0.010	-0.180	0.000	-0.005
78	05/21/19	1057.710	-0.010	-0.190	0.000	-0.005
79	02/12/20	1057.720	0.010	-0.180	0.000	-0.005
80	01/26/21	1057.730	0.010	-0.170	0.000	-0.005
81	02/01/21	1057.740	0.010	-0.160	0.000	-0.005
82	01/27/22	1057.712	-0.028	-0.188	-0.010	-0.015
83	05/05/23	1057.714	0.002	-0.186	0.030	0.015



**LAS VIRGENES MUNICIPAL WATER DISTRICT
LAS VIRGENES RESERVOIR
SETTLEMENT AND HORIZONTAL MOVEMENT RECORD**

MONUMENT A-8

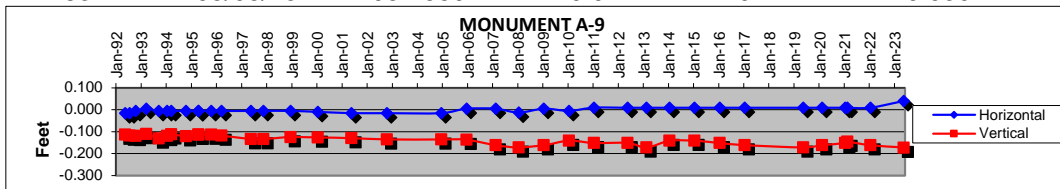
READING NO.	DATE	VERTICAL [feet]			HORIZONTAL [feet]	
		ELEV	DIFF.	CUM.	DIFF.	CUM.
1	05/01/72	1057.728	0.000	0.000	0.000	0.000
48	05/01/92	1057.613	0.002	-0.115	0.010	-0.010
49	07/01/92	1057.611	-0.002	-0.117	0.000	-0.010
50	10/14/92	1057.610	-0.001	-0.118	0.000	-0.010
51	03/30/93	1057.619	0.009	-0.109	0.000	-0.010
52	09/30/93	1057.595	-0.024	-0.133	0.010	0.000
53	01/21/94	1057.611	0.016	-0.117	0.000	0.000
54	03/24/94	1057.617	0.006	-0.111	-0.020	-0.020
55	10/11/94	1057.607	-0.010	-0.121	0.010	-0.010
56	04/06/95	1057.617	0.010	-0.111	0.000	-0.010
57	10/19/95	1057.617	0.000	-0.111	-0.010	-0.020
58	03/28/96	1057.613	-0.004	-0.115	0.010	-0.010
59	05/02/97	1057.595	-0.018	-0.133	0.010	0.000
60	11/27/97	1057.597	0.002	-0.131	-0.005	-0.005
61	12/17/98	1057.604	0.007	-0.124	-0.010	-0.015
62	01/06/00	1057.602	-0.002	-0.126	0.015	0.000
63	05/14/01	1057.602	0.000	-0.126	0.000	0.000
64	10/30/02	1057.596	-0.006	-0.132	-0.010	-0.010
65	12/16/04	1057.596	0.000	-0.132	0.000	-0.010
66	12/09/05	1057.595	-0.001	-0.133	0.000	-0.010
67	02/21/07	1057.570	-0.025	-0.158	0.010	0.000
68	01/24/08	1057.590	0.020	-0.138	0.005	0.005
69	01/29/09	1057.570	-0.020	-0.158	0.000	0.005
70	01/28/10	1057.585	0.015	-0.143	-0.015	-0.010
71	01/18/11	1057.580	-0.005	-0.148	-0.015	-0.025
72	05/01/12	1057.580	0.000	-0.148	0.000	-0.025
73	02/13/13	1057.560	-0.020	-0.168	-0.005	-0.030
74	01/16/14	1057.590	0.030	-0.138	0.000	-0.030
75	01/07/15	1057.590	0.000	-0.138	0.000	-0.030
76	01/08/16	1057.580	-0.010	-0.148	0.000	-0.030
77	01/09/17	1057.570	-0.010	-0.158	0.000	-0.030
78	05/21/19	1057.560	-0.010	-0.168	0.000	-0.030
79	02/12/20	1057.570	0.010	-0.158	0.000	-0.030
80	01/26/21	1057.580	0.010	-0.148	0.000	-0.030
81	02/01/21	1057.587	0.007	-0.141	0.000	-0.030
82	01/27/22	1057.566	-0.021	-0.162	0.010	-0.020
83	05/05/23	1057.566	0.000	-0.162	0.030	0.010



**LAS VIRGENES MUNICIPAL WATER DISTRICT
LAS VIRGENES RESERVOIR
SETTLEMENT AND HORIZONTAL MOVEMENT RECORD**

MONUMENT A-9

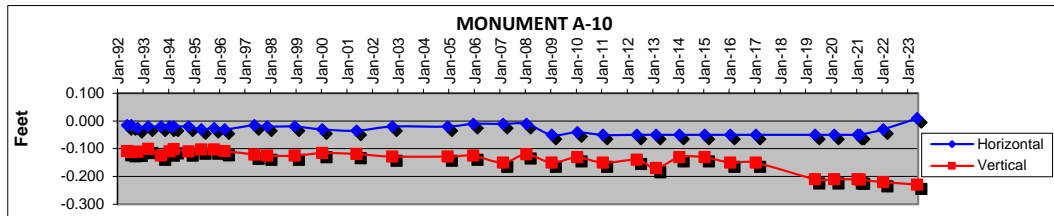
READING NO.	DATE	VERTICAL [feet]			HORIZONTAL [feet]	
		ELEV	DIFF.	CUM.	DIFF.	CUM.
1	05/01/72	1057.731	0.000	0.000	0.000	0.000
48	05/01/92	1057.618	0.005	-0.113	0.000	-0.015
49	07/01/92	1057.614	-0.004	-0.117	0.000	-0.015
50	10/14/92	1057.612	-0.002	-0.119	0.010	-0.005
51	03/30/93	1057.621	0.009	-0.110	0.010	0.005
52	09/30/93	1057.600	-0.021	-0.131	-0.010	-0.005
53	01/21/94	1057.612	0.012	-0.119	0.000	-0.005
54	03/24/94	1057.620	0.008	-0.111	0.000	-0.005
55	10/11/94	1057.611	-0.009	-0.120	0.000	-0.005
56	04/06/95	1057.618	0.007	-0.113	0.000	-0.005
56	04/06/95	1057.618	0.000	-0.113	0.000	-0.005
57	10/19/95	1057.618	0.000	-0.113	0.000	-0.005
58	03/28/96	1057.614	-0.004	-0.117	0.000	-0.005
59	05/02/97	1057.597	-0.017	-0.134	0.000	-0.005
60	11/27/97	1057.597	0.000	-0.134	0.000	-0.005
61	12/17/98	1057.607	0.010	-0.124	0.000	-0.005
62	01/06/00	1057.605	-0.002	-0.126	-0.005	-0.010
63	05/14/01	1057.602	-0.003	-0.129	-0.005	-0.015
64	10/30/02	1057.596	-0.006	-0.135	0.000	-0.015
65	12/16/04	1057.596	0.000	-0.135	0.000	-0.015
66	12/09/05	1057.595	-0.001	-0.136	0.020	0.005
67	02/21/07	1057.570	-0.025	-0.161	0.000	0.005
68	01/24/08	1057.560	-0.010	-0.171	-0.018	-0.013
69	01/29/09	1057.570	0.010	-0.161	0.018	0.005
70	01/28/10	1057.590	0.020	-0.141	-0.010	-0.005
71	01/18/11	1057.580	-0.010	-0.151	0.015	0.010
72	05/01/12	1057.580	0.000	-0.151	0.000	0.010
73	02/13/13	1057.560	-0.020	-0.171	0.000	0.010
74	01/16/14	1057.590	0.030	-0.141	0.000	0.010
75	01/07/15	1057.590	0.000	-0.141	0.000	0.010
76	01/08/16	1057.580	-0.010	-0.151	0.000	0.010
77	01/09/17	1057.570	-0.010	-0.161	0.000	0.010
78	05/21/19	1057.560	-0.010	-0.171	0.000	0.010
79	02/21/20	1057.570	0.010	-0.161	0.000	0.010
80	01/26/21	1057.580	0.010	-0.151	0.000	0.010
81	02/01/21	1057.586	0.006	-0.145	0.000	0.010
82	01/27/22	1057.570	-0.016	-0.161	0.000	0.010
83	05/05/23	1057.559	-0.011	-0.172	0.030	0.040



**LAS VIRGENES MUNICIPAL WATER DISTRICT
LAS VIRGENES RESERVOIR
SETTLEMENT AND HORIZONTAL MOVEMENT RECORD**

MONUMENT A-10

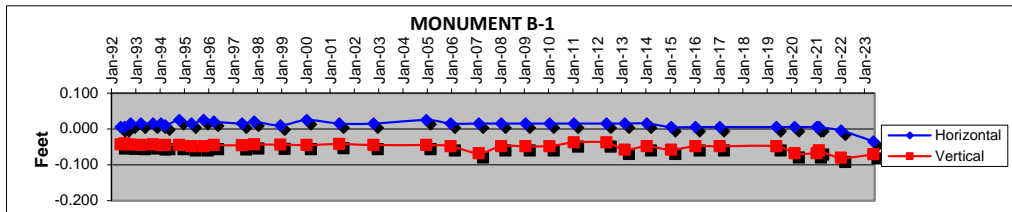
READING NO.	DATE	VERTICAL [feet]			HORIZONTAL [feet]	
		ELEV	DIFF.	CUM.	DIFF.	CUM.
1	05/01/72	1057.370	0.000	0.000	0.000	0.000
48	05/01/92	1057.262	0.002	-0.108	0.015	-0.015
49	07/01/92	1057.258	-0.004	-0.112	0.000	-0.015
50	10/14/92	1057.259	0.001	-0.111	-0.010	-0.025
51	03/30/93	1057.270	0.011	-0.100	0.005	-0.020
52	09/30/93	1057.245	-0.025	-0.125	0.000	-0.020
53	01/21/94	1057.261	0.016	-0.109	0.000	-0.020
54	03/24/94	1057.268	0.007	-0.102	0.000	-0.020
55	10/11/94	1057.260	-0.008	-0.110	0.000	-0.020
56	04/06/95	1057.267	0.007	-0.103	-0.010	-0.030
57	10/19/95	1057.267	0.000	-0.103	0.005	-0.025
58	03/28/96	1057.262	-0.005	-0.108	-0.005	-0.030
59	05/02/97	1057.249	-0.013	-0.121	0.015	-0.015
60	11/27/97	1057.245	-0.004	-0.125	-0.005	-0.020
61	12/17/98	1057.245	0.000	-0.125	0.000	-0.020
62	01/06/00	1057.255	0.010	-0.115	-0.010	-0.030
63	05/14/01	1057.251	-0.004	-0.119	-0.005	-0.035
64	10/30/02	1057.242	-0.009	-0.128	0.015	-0.020
65	12/16/04	1057.242	0.000	-0.128	0.000	-0.020
66	12/09/05	1057.245	0.003	-0.125	0.010	-0.010
67	02/21/07	1057.220	-0.025	-0.150	0.000	-0.010
68	01/24/08	1057.250	0.030	-0.120	0.000	-0.010
69	01/29/09	1057.220	-0.030	-0.150	-0.040	-0.050
70	01/28/10	1057.240	0.020	-0.130	0.010	-0.040
71	01/18/11	1057.220	-0.020	-0.150	-0.010	-0.050
72	05/01/12	1057.230	0.010	-0.140	0.000	-0.050
73	02/13/13	1057.200	-0.030	-0.170	0.000	-0.050
74	01/16/14	1057.240	0.040	-0.130	0.000	-0.050
75	01/07/15	1057.240	0.000	-0.130	0.000	-0.050
76	01/08/16	1057.220	-0.020	-0.150	0.000	-0.050
77	01/09/17	1057.220	0.000	-0.150	0.000	-0.050
78	05/21/19	1057.160	-0.060	-0.210	0.000	-0.050
79	02/12/20	1057.160	0.000	-0.210	0.000	-0.050
80	01/26/21	1057.160	0.000	-0.210	0.000	-0.050
81	02/01/21	1057.159	-0.001	-0.211	0.000	-0.050
82	01/27/22	1057.150	-0.009	-0.220	0.020	-0.030
83	05/05/23	1057.141	-0.009	-0.229	0.040	0.010



**LAS VIRGENES MUNICIPAL WATER DISTRICT
LAS VIRGENES RESERVOIR
SETTLEMENT AND HORIZONTAL MOVEMENT RECORD**

MONUMENT B-1

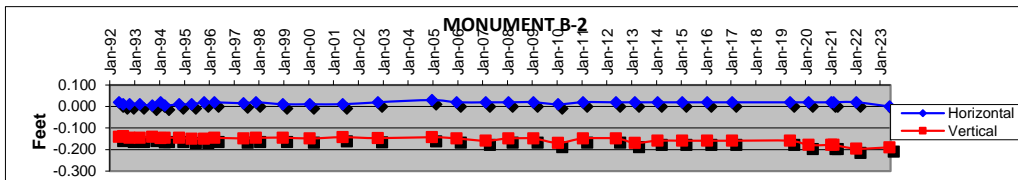
READING NO.	DATE	VERTICAL [feet]			HORIZONTAL [feet]	
		ELEV	DIFF.	CUM.	DIFF.	CUM.
1	05/01/72	1010.338	0.000	0.000	0.000	0.000
48	05/01/92	1010.295	-0.002	-0.043	-0.010	0.005
49	07/01/92	1010.298	0.003	-0.040	0.000	0.005
50	10/14/92	1010.294	-0.004	-0.044	0.010	0.015
51	03/30/93	1010.293	-0.001	-0.045	0.000	0.015
52	09/30/93	1010.295	0.002	-0.043	0.000	0.015
53	01/21/94	1010.292	-0.003	-0.046	0.000	0.015
54	03/24/94	1010.293	0.001	-0.045	-0.005	0.010
55	10/11/94	1010.293	0.000	-0.045	0.015	0.025
56	04/06/95	1010.290	-0.003	-0.048	-0.010	0.015
57	10/19/95	1010.290	0.000	-0.048	0.010	0.025
58	03/28/96	1010.293	0.003	-0.045	-0.005	0.020
59	05/02/97	1010.292	-0.001	-0.046	-0.005	0.015
60	11/27/97	1010.295	0.003	-0.043	0.005	0.020
61	12/17/98	1010.294	-0.001	-0.044	-0.010	0.010
62	01/06/00	1010.293	-0.001	-0.045	0.015	0.025
63	05/14/01	1010.296	0.003	-0.042	-0.010	0.015
64	10/30/02	1010.293	-0.003	-0.045	0.000	0.015
65	12/16/04	1010.293	0.000	-0.045	0.010	0.025
66	12/09/05	1010.290	-0.003	-0.048	-0.010	0.015
67	02/21/07	1010.270	-0.020	-0.068	0.000	0.015
68	01/24/08	1010.290	0.020	-0.048	0.000	0.015
69	01/29/09	1010.290	0.000	-0.048	0.000	0.015
70	01/28/10	1010.290	0.000	-0.048	0.000	0.015
71	01/18/11	1010.300	0.010	-0.038	0.000	0.015
72	05/01/12	1010.300	0.000	-0.038	0.000	0.015
73	02/13/13	1010.280	-0.020	-0.058	0.000	0.015
74	01/16/14	1010.290	0.010	-0.048	0.000	0.015
75	01/07/15	1010.280	-0.010	-0.058	-0.010	0.005
76	01/08/16	1010.290	0.010	-0.048	0.000	0.005
77	01/09/17	1010.290	0.000	-0.048	0.000	0.005
78	05/21/19	1010.290	0.000	-0.048	0.000	0.005
79	02/12/20	1010.270	-0.020	-0.068	0.000	0.005
80	01/26/21	1010.270	0.000	-0.068	0.000	0.005
81	02/01/21	1010.278	0.008	-0.060	0.000	0.005
82	01/27/22	1010.257	-0.021	-0.081	-0.010	-0.005
83	05/05/23	1010.267	0.010	-0.071	-0.030	-0.035



**LAS VIRGENES MUNICIPAL WATER DISTRICT
LAS VIRGENES RESERVOIR
SETTLEMENT AND HORIZONTAL MOVEMENT RECORD**

MONUMENT B-2

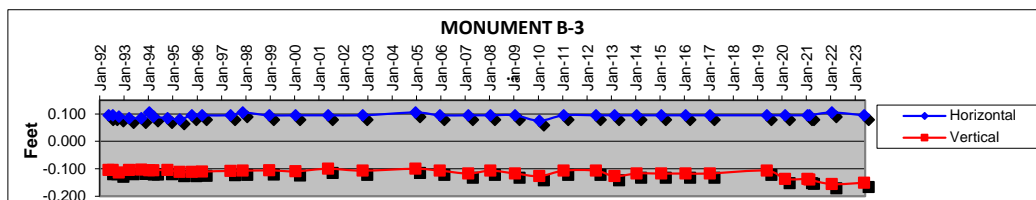
READING NO.	DATE	VERTICAL [feet]			HORIZONTAL [feet]	
		ELEV	DIFF.	CUM.	DIFF.	CUM.
1	05/01/72	1010.129	0.000	0.000	0.000	0.000
48	05/01/92	1009.988	0.001	-0.141	0.005	0.020
49	07/01/92	1009.990	0.002	-0.139	-0.010	0.010
50	10/14/92	1009.984	-0.006	-0.145	0.000	0.010
51	03/30/93	1009.984	0.000	-0.145	0.000	0.010
52	09/30/93	1009.987	0.003	-0.142	-0.005	0.005
53	01/21/94	1009.982	-0.005	-0.147	0.015	0.020
54	03/24/94	1009.984	0.002	-0.145	-0.015	0.005
55	10/11/94	1009.983	-0.001	-0.146	0.005	0.010
56	04/06/95	1009.979	-0.004	-0.150	0.000	0.010
57	10/19/95	1009.979	0.000	-0.150	0.010	0.020
58	03/28/96	1009.983	0.004	-0.146	0.000	0.020
59	05/02/97	1009.980	-0.003	-0.149	-0.005	0.015
60	11/27/97	1009.983	0.003	-0.146	0.005	0.020
61	12/17/98	1009.984	0.001	-0.145	-0.010	0.010
62	01/06/00	1009.980	-0.004	-0.149	0.000	0.010
63	05/14/01	1009.986	0.006	-0.143	0.000	0.010
64	10/30/02	1009.982	-0.004	-0.147	0.010	0.020
65	12/16/04	1009.986	0.004	-0.143	0.010	0.030
66	12/09/05	1009.980	-0.006	-0.149	-0.010	0.020
67	02/21/07	1009.970	-0.010	-0.159	0.000	0.020
68	01/24/08	1009.980	0.010	-0.149	0.000	0.020
69	01/29/09	1009.980	0.000	-0.149	0.000	0.020
70	01/28/10	1009.960	-0.020	-0.169	-0.010	0.010
71	01/18/11	1009.980	0.020	-0.149	0.010	0.020
72	05/01/12	1009.980	0.000	-0.149	0.000	0.020
73	02/13/13	1009.960	-0.020	-0.169	0.000	0.020
74	01/16/14	1009.970	0.010	-0.159	0.000	0.020
75	01/07/15	1009.970	0.000	-0.159	0.000	0.020
76	01/08/16	1009.970	0.000	-0.159	0.000	0.020
77	01/09/17	1009.970	0.000	-0.159	0.000	0.020
78	05/21/19	1009.970	0.000	-0.159	0.000	0.020
79	02/12/20	1009.950	-0.020	-0.179	0.000	0.020
80	01/26/21	1009.950	0.000	-0.179	0.000	0.020
81	02/01/21	1009.951	0.001	-0.178	0.000	0.020
82	01/27/22	1009.933	-0.018	-0.196	0.000	0.020
83	05/05/23	1009.939	0.006	-0.190	-0.020	0.000



**LAS VIRGENES MUNICIPAL WATER DISTRICT
LAS VIRGENES RESERVOIR
SETTLEMENT AND HORIZONTAL MOVEMENT RECORD**

MONUMENT B-3

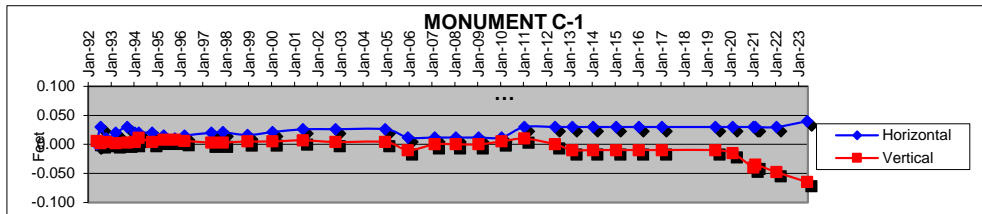
READING NO.	DATE	VERTICAL [feet]			HORIZONTAL [feet]	
		ELEV	DIFF.	CUM.	DIFF.	CUM.
1	05/01/72	1010.267	0.000	0.000	0.000	0.000
48	05/01/92	1010.162	0.003	-0.105	0.010	0.095
49	07/01/92	1010.162	0.000	-0.105	0.000	0.095
50	10/14/92	1010.153	-0.009	-0.114	-0.005	0.090
51	03/30/93	1010.162	0.009	-0.105	-0.005	0.085
52	09/30/93	1010.164	0.002	-0.103	0.000	0.085
53	01/21/94	1010.161	-0.003	-0.106	0.020	0.105
54	03/24/94	1010.161	0.000	-0.106	-0.015	0.090
55	10/11/94	1010.162	0.001	-0.105	-0.005	0.085
56	04/06/95	1010.155	-0.007	-0.112	-0.005	0.080
57	10/19/95	1010.155	0.000	-0.112	0.015	0.095
58	03/28/96	1010.157	0.002	-0.110	0.000	0.095
59	05/02/97	1010.159	0.002	-0.108	0.000	0.095
60	11/27/97	1010.160	0.001	-0.107	0.010	0.105
61	12/17/98	1010.161	0.001	-0.106	-0.010	0.095
62	01/06/00	1010.158	-0.003	-0.109	0.000	0.095
63	05/14/01	1010.167	0.009	-0.100	0.000	0.095
64	10/30/02	1010.160	-0.007	-0.107	0.000	0.095
65	12/16/04	1010.167	0.007	-0.100	0.010	0.105
66	12/09/05	1010.160	-0.007	-0.107	-0.010	0.095
67	02/21/07	1010.150	-0.010	-0.117	0.000	0.095
68	01/24/08	1010.160	0.010	-0.107	0.000	0.095
69	01/29/09	1010.150	-0.010	-0.117	0.000	0.095
70	01/28/10	1010.140	-0.010	-0.127	-0.020	0.075
71	01/18/11	1010.160	0.020	-0.107	0.020	0.095
72	05/01/12	1010.160	0.000	-0.107	0.000	0.095
73	02/13/13	1010.140	-0.020	-0.127	0.000	0.095
74	01/16/14	1010.150	0.010	-0.117	0.000	0.095
75	01/07/15	1010.150	0.000	-0.117	0.000	0.095
76	01/08/16	1010.150	0.000	-0.117	0.000	0.095
77	01/09/17	1010.150	0.000	-0.117	0.000	0.095
78	05/21/19	1010.160	0.010	-0.107	0.000	0.095
79	02/12/20	1010.130	-0.030	-0.137	0.000	0.095
80	01/26/21	1010.130	0.000	-0.137	0.000	0.095
81	02/01/21	1010.127	-0.003	-0.140	0.000	0.095
82	01/27/22	1010.111	-0.016	-0.156	0.010	0.105
83	05/05/23	1010.116	0.005	-0.151	-0.010	0.095



**LAS VIRGENES MUNICIPAL WATER DISTRICT
LAS VIRGENES RESERVOIR
SETTLEMENT AND HORIZONTAL MOVEMENT RECORD**

MONUMENT C-1

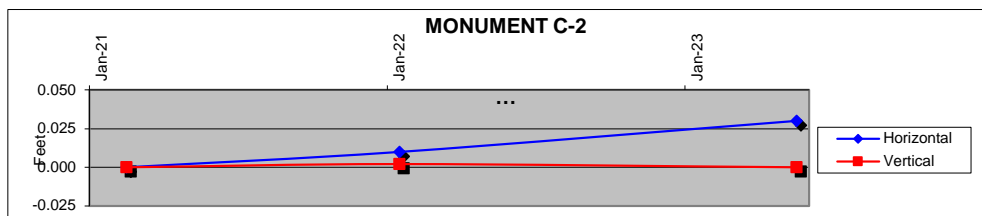
READING NO.	DATE	VERTICAL [feet]			HORIZONTAL [feet]	
		ELEV	DIFF.	CUM.	DIFF.	CUM.
1	05/01/72	1010.920	0.000	0.000	0.000	0.000
48	05/01/92	1010.926	-0.005	0.006	0.000	0.000
49	07/01/92	1010.922	-0.004	0.002	0.030	0.030
50	10/14/92	1010.924	0.002	0.004	-0.020	0.010
51	03/30/93	1010.922	-0.002	0.002	0.010	0.020
52	09/30/93	1010.923	0.001	0.003	0.010	0.030
53	01/21/94	1010.924	0.001	0.004	-0.010	0.020
54	03/24/94	1010.931	0.007	0.011	0.000	0.020
55	10/11/94	1010.924	-0.007	0.004	0.000	0.020
56	04/06/95	1010.928	0.004	0.008	-0.005	0.015
57	10/19/95	1010.928	0.000	0.008	-0.005	0.010
58	03/28/96	1010.926	-0.002	0.006	0.005	0.015
59	05/02/97	1010.923	-0.003	0.003	0.005	0.020
60	11/27/97	1010.923	0.000	0.003	0.001	0.021
61	12/17/98	1010.925	0.002	0.005	-0.005	0.016
62	01/06/00	1010.925	0.000	0.005	0.005	0.021
63	05/14/01	1010.927	0.002	0.007	0.005	0.026
64	10/30/02	1010.924	-0.003	0.004	0.000	0.026
65	12/16/04	1010.924	0.000	0.004	0.000	0.026
66	12/09/05	1010.910	-0.014	-0.010	-0.014	0.012
67	02/21/07	1010.920	0.010	0.000	0.000	0.012
68	01/24/08	1010.920	0.000	0.000	0.000	0.012
69	01/29/09	1010.920	0.000	0.000	0.000	0.012
70	01/28/10	1010.925	0.005	0.005	0.000	0.012
71	01/18/11	1010.930	0.005	0.010	0.018	0.030
72	05/01/12	1010.920	-0.010	0.000	0.000	0.030
73	02/13/13	1010.910	-0.010	-0.010	0.000	0.030
74	01/16/14	1010.910	0.000	-0.010	0.000	0.030
75	01/07/15	1010.910	0.000	-0.010	0.000	0.030
76	01/08/16	1010.910	0.000	-0.010	0.000	0.030
77	01/09/17	1010.910	0.000	-0.010	0.000	0.030
78	05/21/19	1010.910	0.000	-0.010	0.000	0.030
79	02/12/20	1010.905	-0.005	-0.015	0.000	0.030
80	01/26/21	1010.880	-0.025	-0.040	0.000	0.030
81	02/01/21	1010.885	0.005	-0.035	0.000	0.030
82	01/27/22	1010.872	-0.013	-0.048	0.000	0.030
83	05/05/23	1010.855	-0.017	-0.065	0.010	0.040



**LAS VIRGENES MUNICIPAL WATER DISTRICT
LAS VIRGENES RESERVOIR
SETTLEMENT AND HORIZONTAL MOVEMENT RECORD**

MONUMENT C-2

READING NO.	DATE	VERTICAL [feet]			HORIZONTAL [feet]	
		ELEV	DIFF.	CUM.	DIFF.	CUM.
1	02/01/21	1035.224	0.000	0.000	0.000	0.000
2	01/27/22	1035.222	0.002	0.002	0.010	0.010
3	05/05/23	1035.224	-0.002	0.000	0.020	0.030



A-4 SUMMMARY TABLE OF LAS VIRGENES DAM SPILLWAY MEASUREMENTS

TABULAR SUMMARY OF SURVEY DATA

LAS VIRGENES DAM SPILLWAY SURVEY

North Side Inlet to Outlet	Measurement Dates		Net Movement		South Side Inlet to Outlet	Measurement Dates		Net Movement	
	1/27/2022	11/9/2023	Feet	[inches]		1/27/2022	11/9/2023	[feet]	[inches]
1	2.68	2.69	0.01	0.120	1	2.54	2.52	-0.020	-0.240
2	2.65	2.67	0.02	0.240	2	2.55	2.54	-0.010	-0.120
3	2.63	2.65	0.02	0.240	3	2.56	2.55	-0.010	-0.120
4	2.65	2.66	0.01	0.120	4	2.58	2.57	-0.010	-0.120
5	2.7	2.71	0.01	0.120	5	2.59	2.57	-0.020	-0.240
6	2.71	2.72	0.01	0.120	6	2.57	2.56	-0.010	-0.120
7	2.62	2.63	0.01	0.120	7	2.56	2.55	-0.010	-0.120
8	2.63	2.64	0.01	0.120	8	2.55	2.54	-0.010	-0.120
9	2.63	2.63	0	0.000	9	2.52	2.51	-0.010	-0.120
10	2.67	2.68	0.01	0.120	10	2.57	2.57	0.000	0.000
11	2.61	2.62	0.01	0.120	11	2.54	2.54	0.000	0.000
12	2.59	2.59	0	0.000	12	2.56	2.56	0.000	0.000

Maximum North Side Movement :

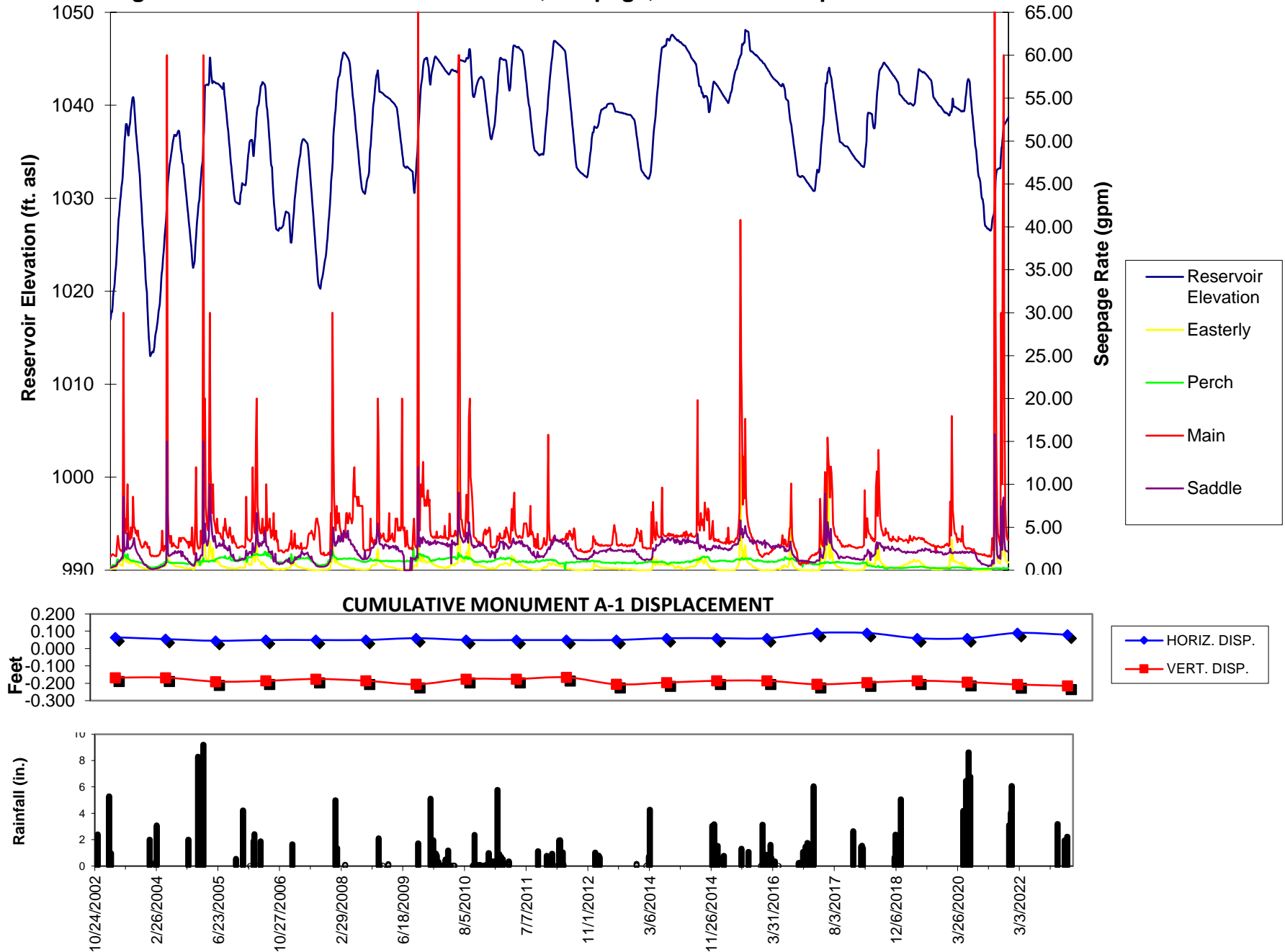
0.240 inches

Maximum South Side Movement :

0.240 inches

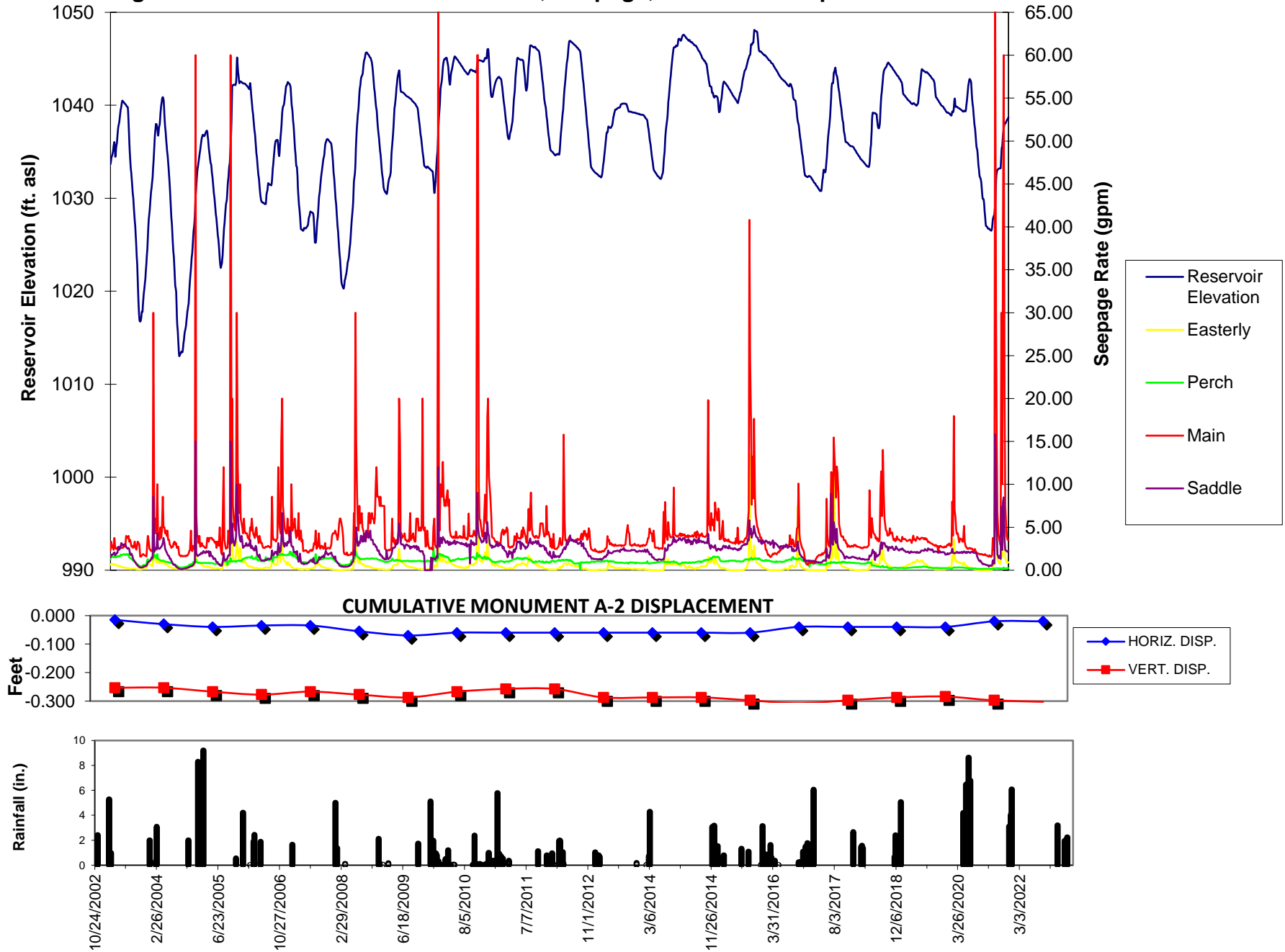
A-5 LAS VIRGENES RESERVOIR: RESERVOIR ELEVATION, SEEPAGE, MONUMENT DISPLACEMENT, & RAINFALL

Las Virgenes Reservoir: Reservoir Elevation, Seepage, Monument Displacement and Rainfall



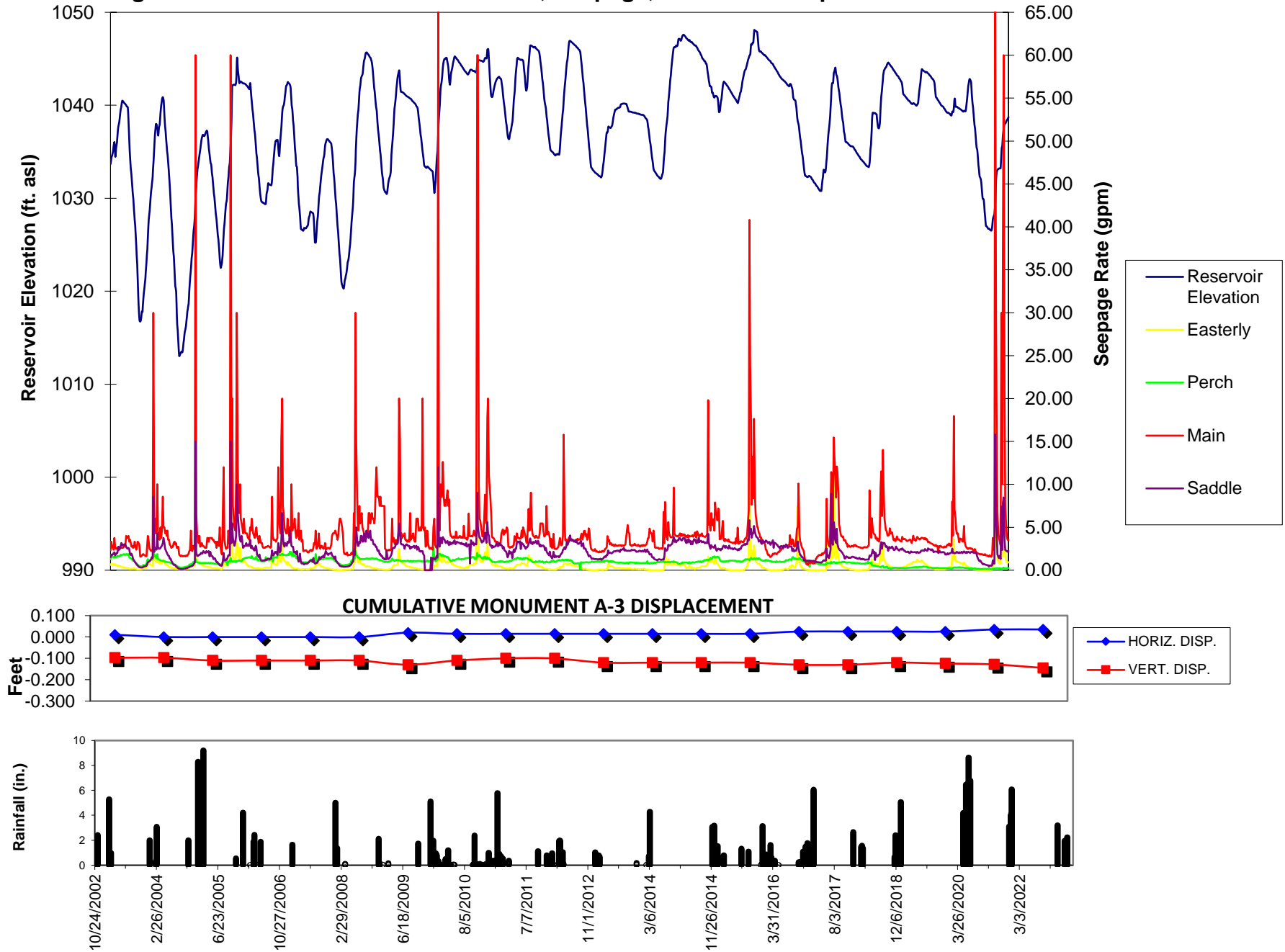
A-5 LAS VIRGENES RESERVOIR: RESERVOIR ELEVATION, SEEPAGE, MONUMENT DISPLACEMENT, & RAINFALL

Las Virgenes Reservoir: Reservoir Elevation, Seepage, Monument Displacement and Rainfall



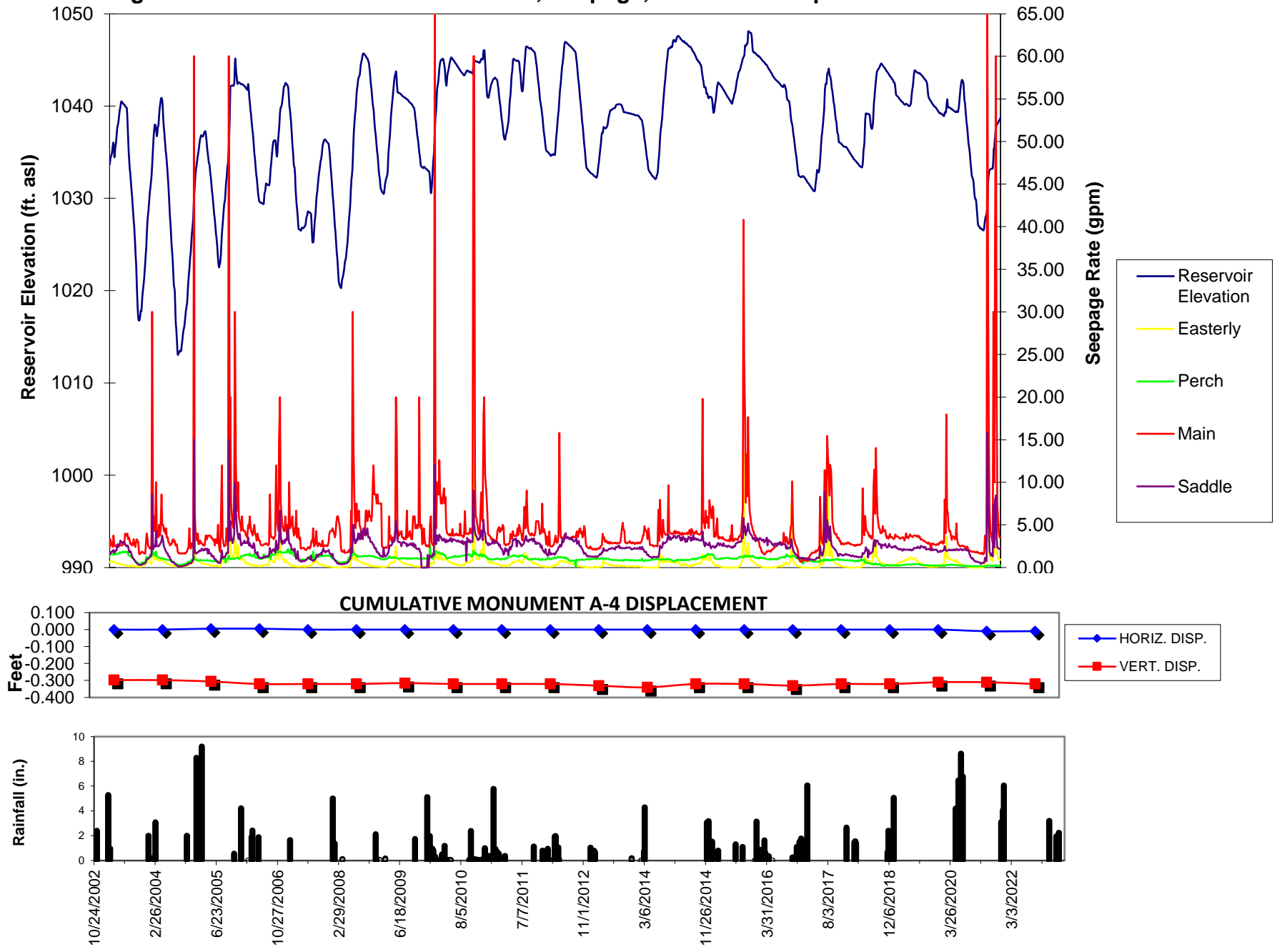
A-5 LAS VIRGENES RESERVOIR: RESERVOIR ELEVATION, SEEPAGE, MONUMENT DISPLACEMENT, & RAINFALL

Las Virgenes Reservoir: Reservoir Elevation, Seepage, Monument Displacement and Rainfall



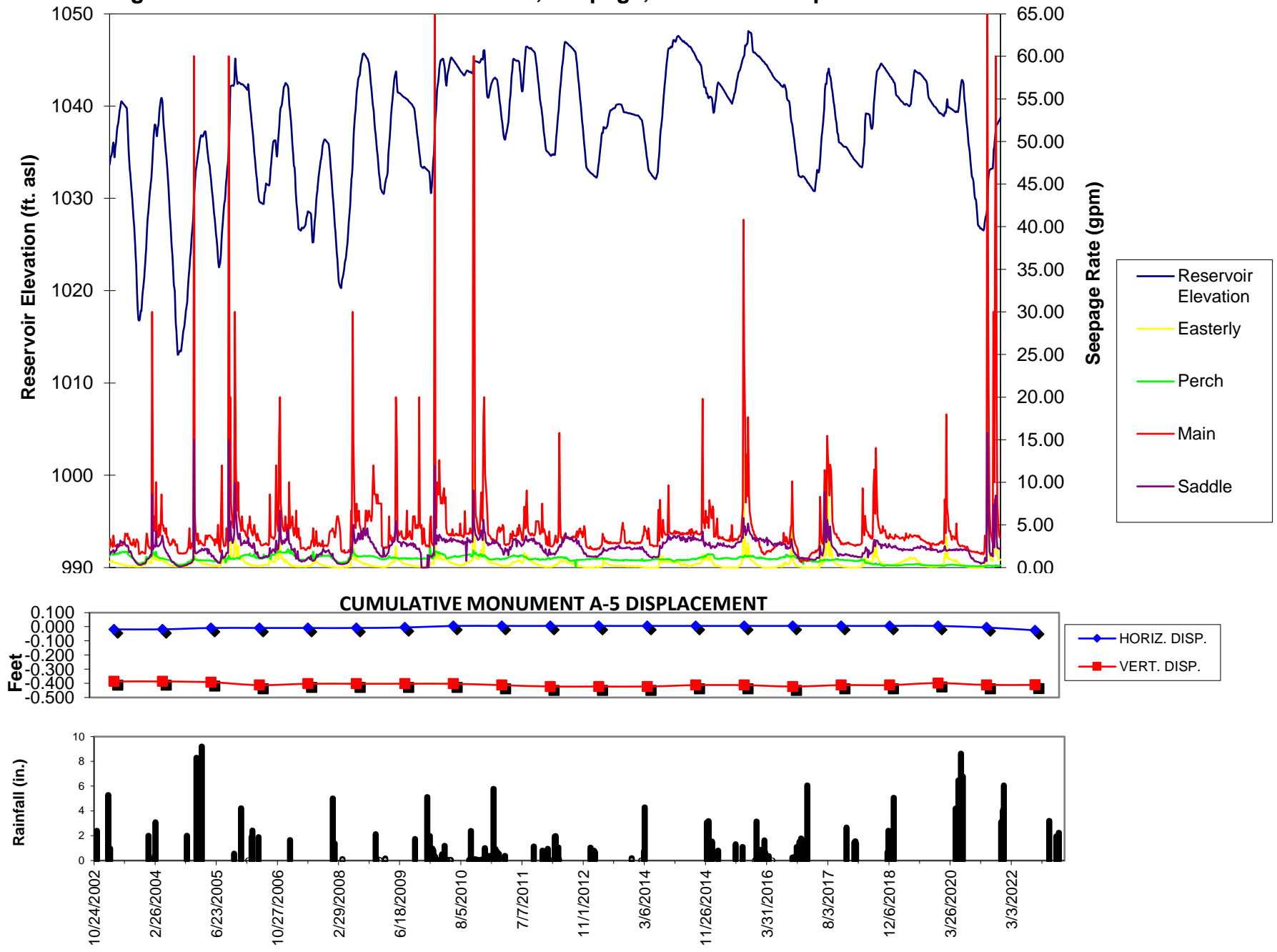
A-5 LAS VIRGENES RESERVOIR: RESERVOIR ELEVATION, SEEPAGE, MONUMENT DISPLACEMENT, & RAINFALL

Las Virgenes Reservoir: Reservoir Elevation, Seepage, Monument Displacement and Rainfall



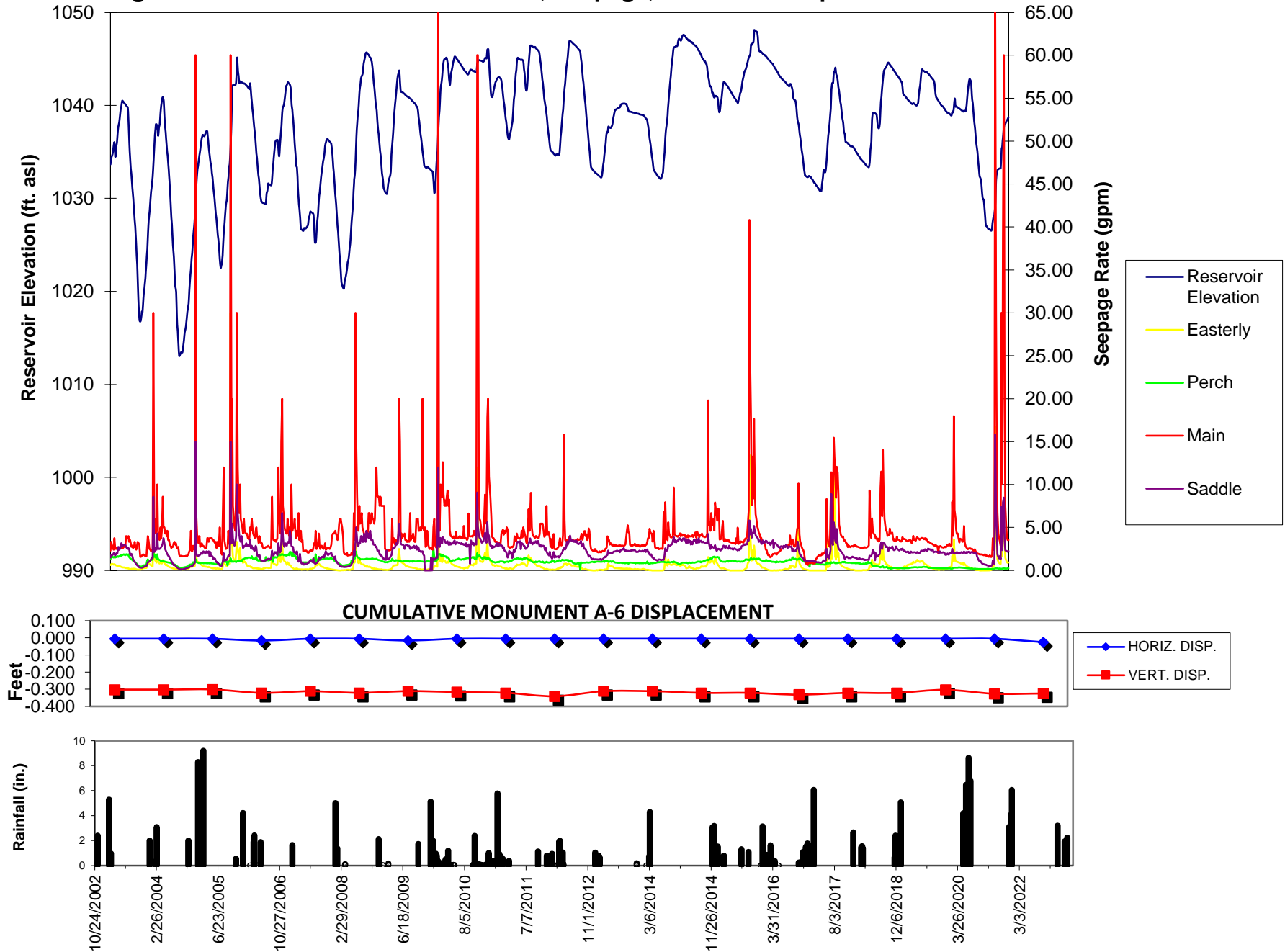
A-5 LAS VIRGENES RESERVOIR: RESERVOIR ELEVATION, SEEPAGE, MONUMENT DISPLACEMENT, & RAINFALL

Las Virgenes Reservoir: Reservoir Elevation, Seepage, Monument Displacement and Rainfall



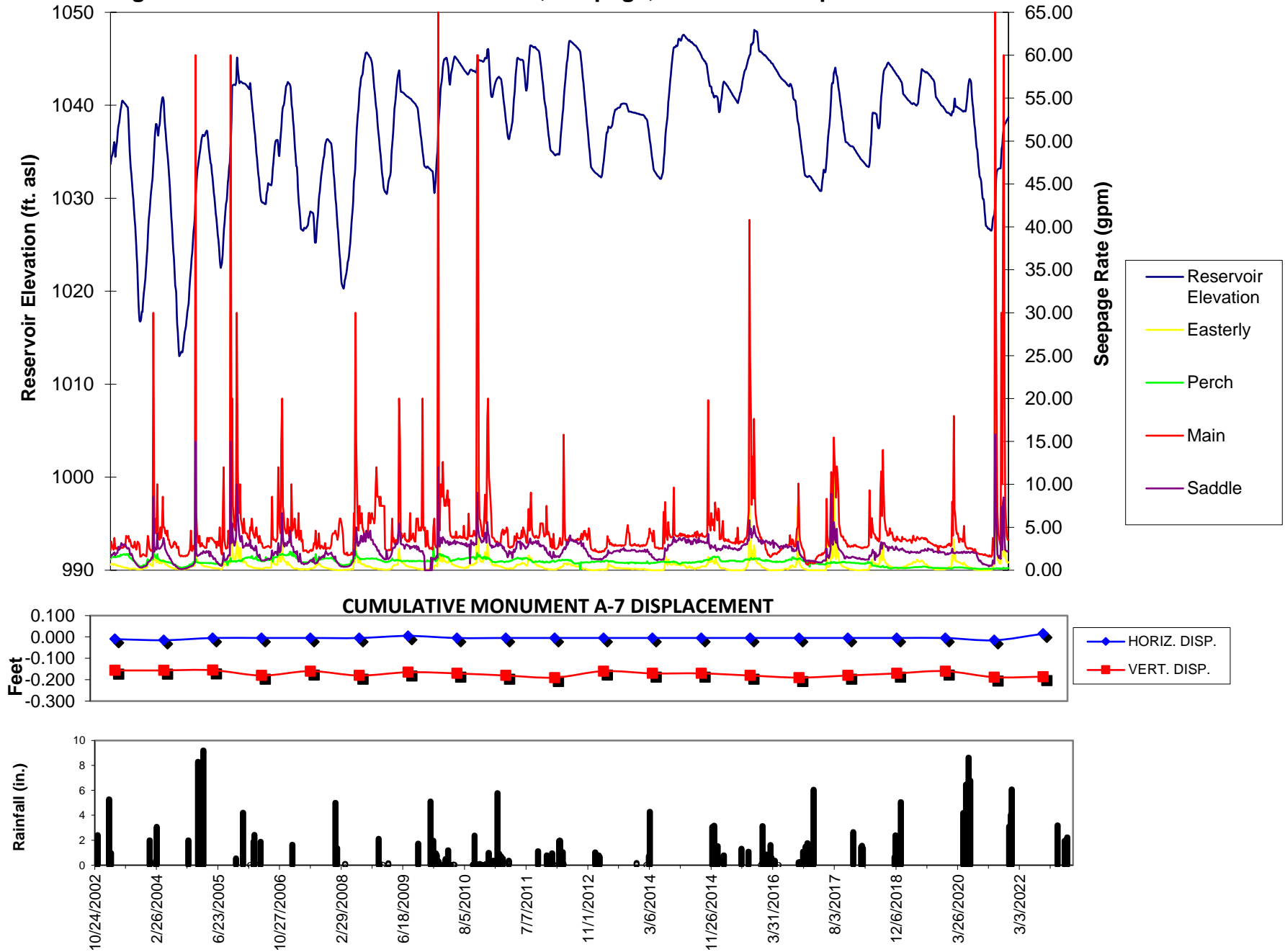
A-5 LAS VIRGENES RESERVOIR: RESERVOIR ELEVATION, SEEPAGE, MONUMENT DISPLACEMENT, & RAINFALL

Las Virgenes Reservoir: Reservoir Elevation, Seepage, Monument Displacement and Rainfall



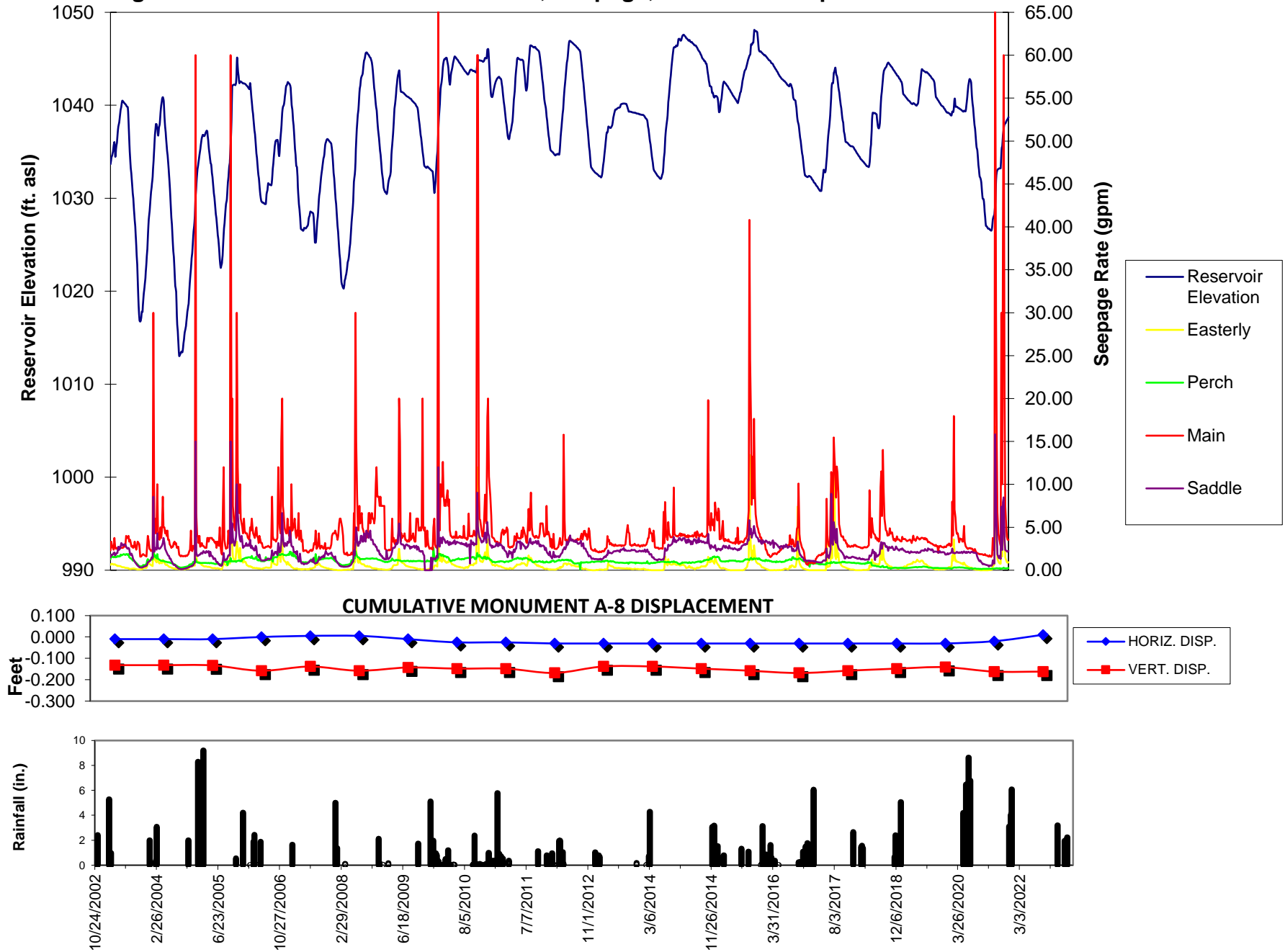
A-5 LAS VIRGENES RESERVOIR: RESERVOIR ELEVATION, SEEPAGE, MONUMENT DISPLACEMENT, & RAINFALL

Las Virgenes Reservoir: Reservoir Elevation, Seepage, Monument Displacement and Rainfall



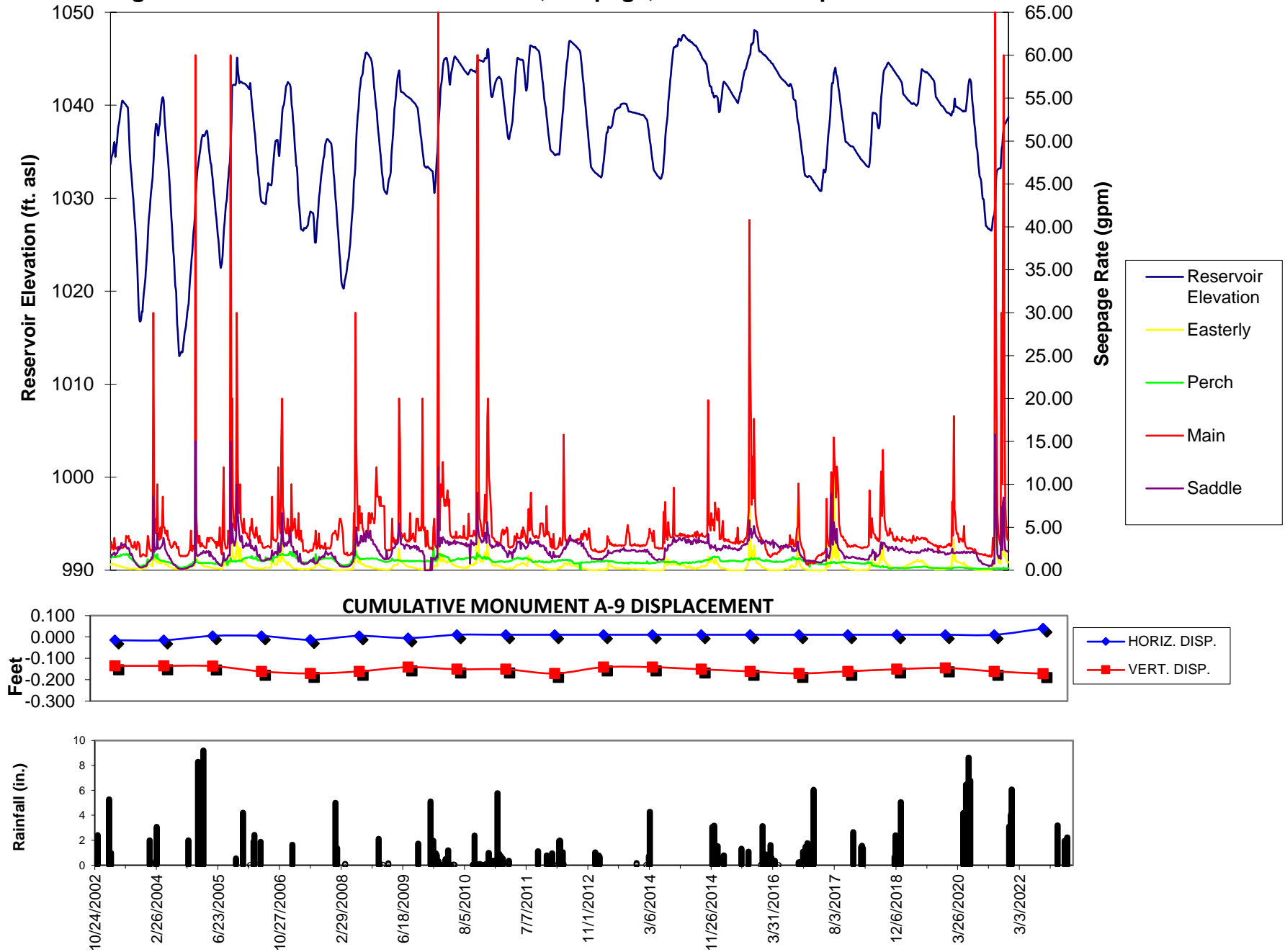
A-5 LAS VIRGENES RESERVOIR: RESERVOIR ELEVATION, SEEPAGE, MONUMENT DISPLACEMENT, & RAINFALL

Las Virgenes Reservoir: Reservoir Elevation, Seepage, Monument Displacement and Rainfall



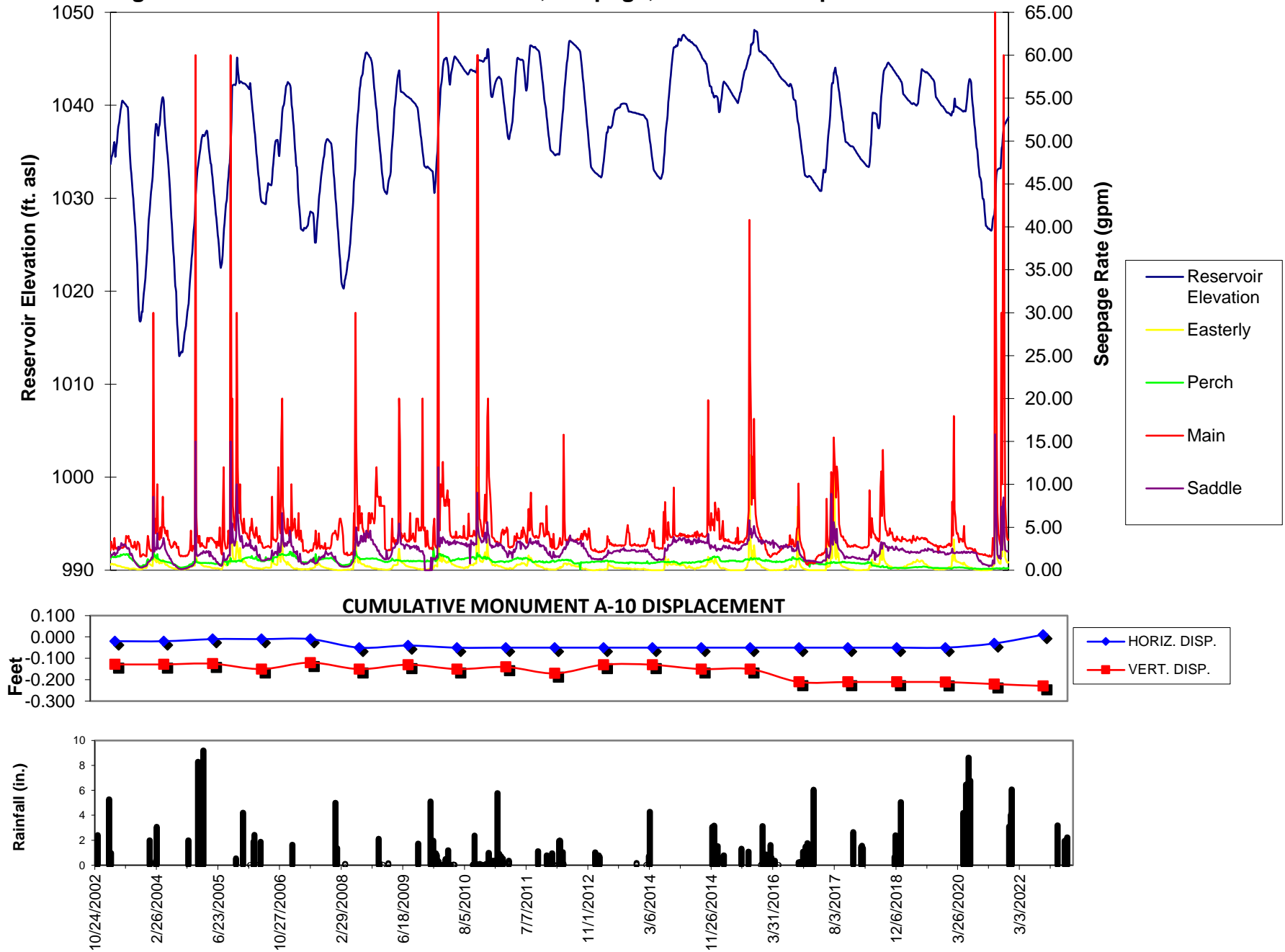
A-5 LAS VIRGENES RESERVOIR: RESERVOIR ELEVATION, SEEPAGE, MONUMENT DISPLACEMENT, & RAINFALL

Las Virgenes Reservoir: Reservoir Elevation, Seepage, Monument Displacement and Rainfall



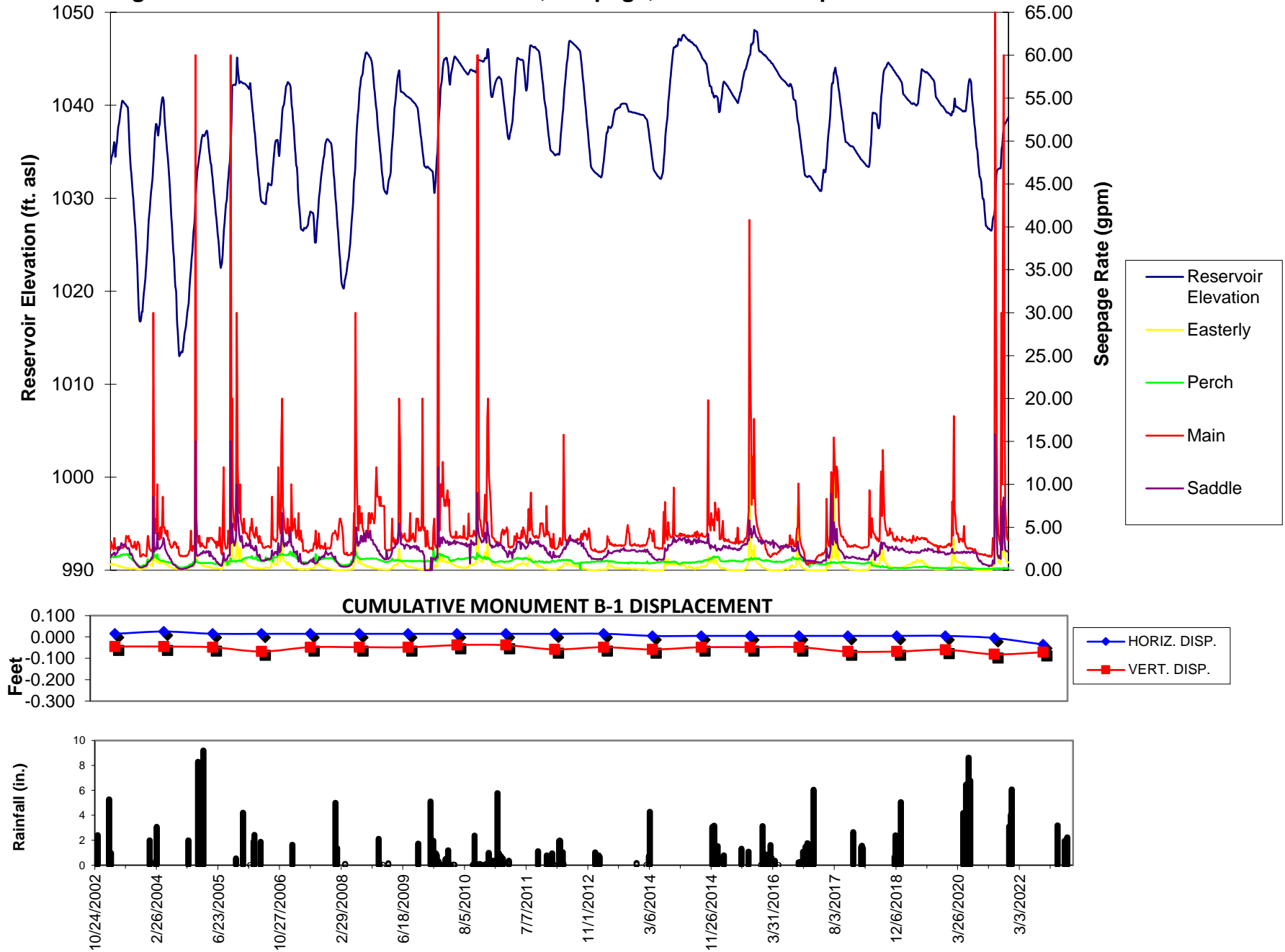
A-5 LAS VIRGENES RESERVOIR: RESERVOIR ELEVATION, SEEPAGE, MONUMENT DISPLACEMENT, & RAINFALL

Las Virgenes Reservoir: Reservoir Elevation, Seepage, Monument Displacement and Rainfall



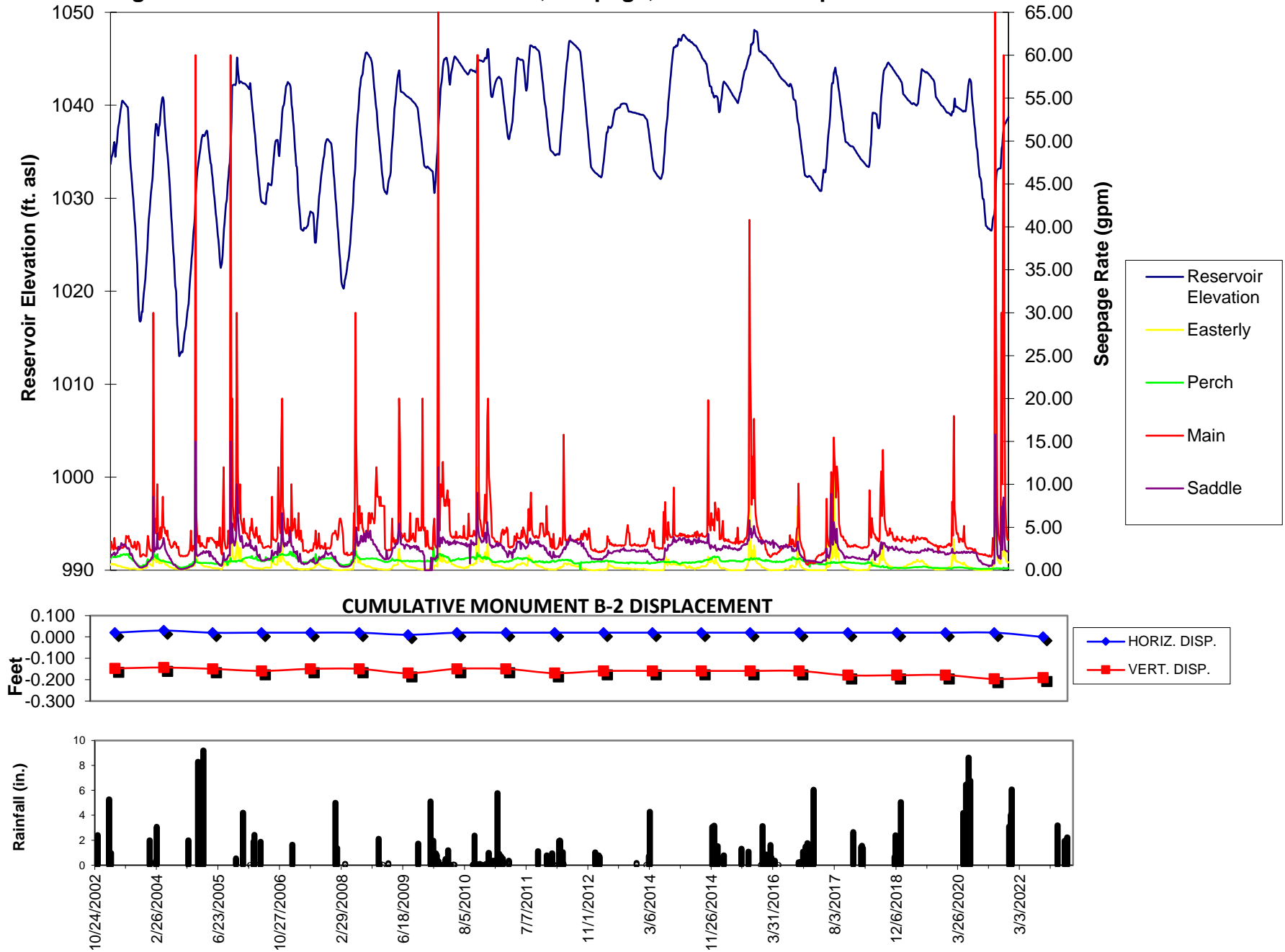
A-5 LAS VIRGENES RESERVOIR: RESERVOIR ELEVATION, SEEPAGE, MONUMENT DISPLACEMENT, & RAINFALL

Las Virgenes Reservoir: Reservoir Elevation, Seepage, Monument Displacement and Rainfall



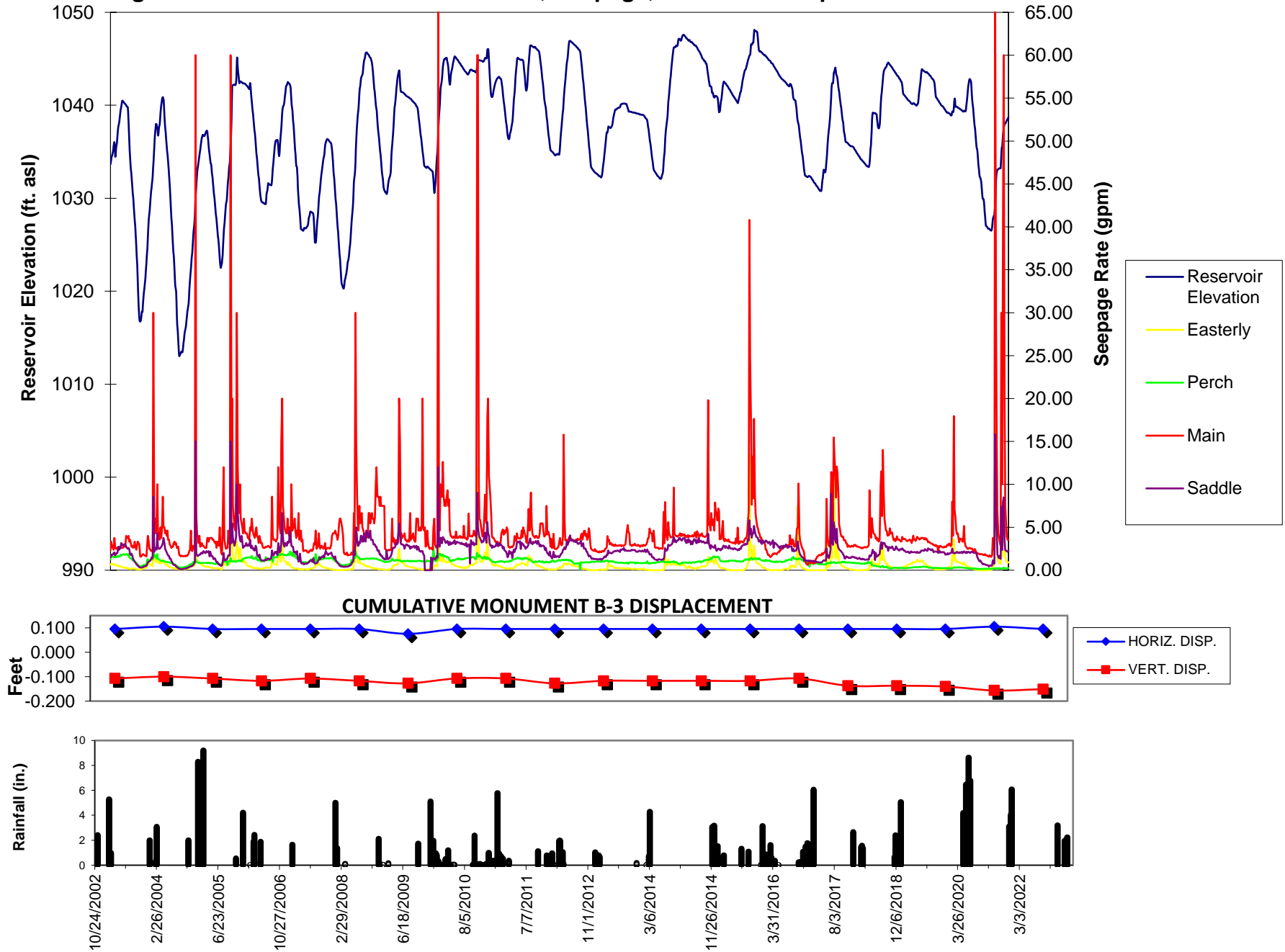
A-5 LAS VIRGENES RESERVOIR: RESERVOIR ELEVATION, SEEPAGE, MONUMENT DISPLACEMENT, & RAINFALL

Las Virgenes Reservoir: Reservoir Elevation, Seepage, Monument Displacement and Rainfall



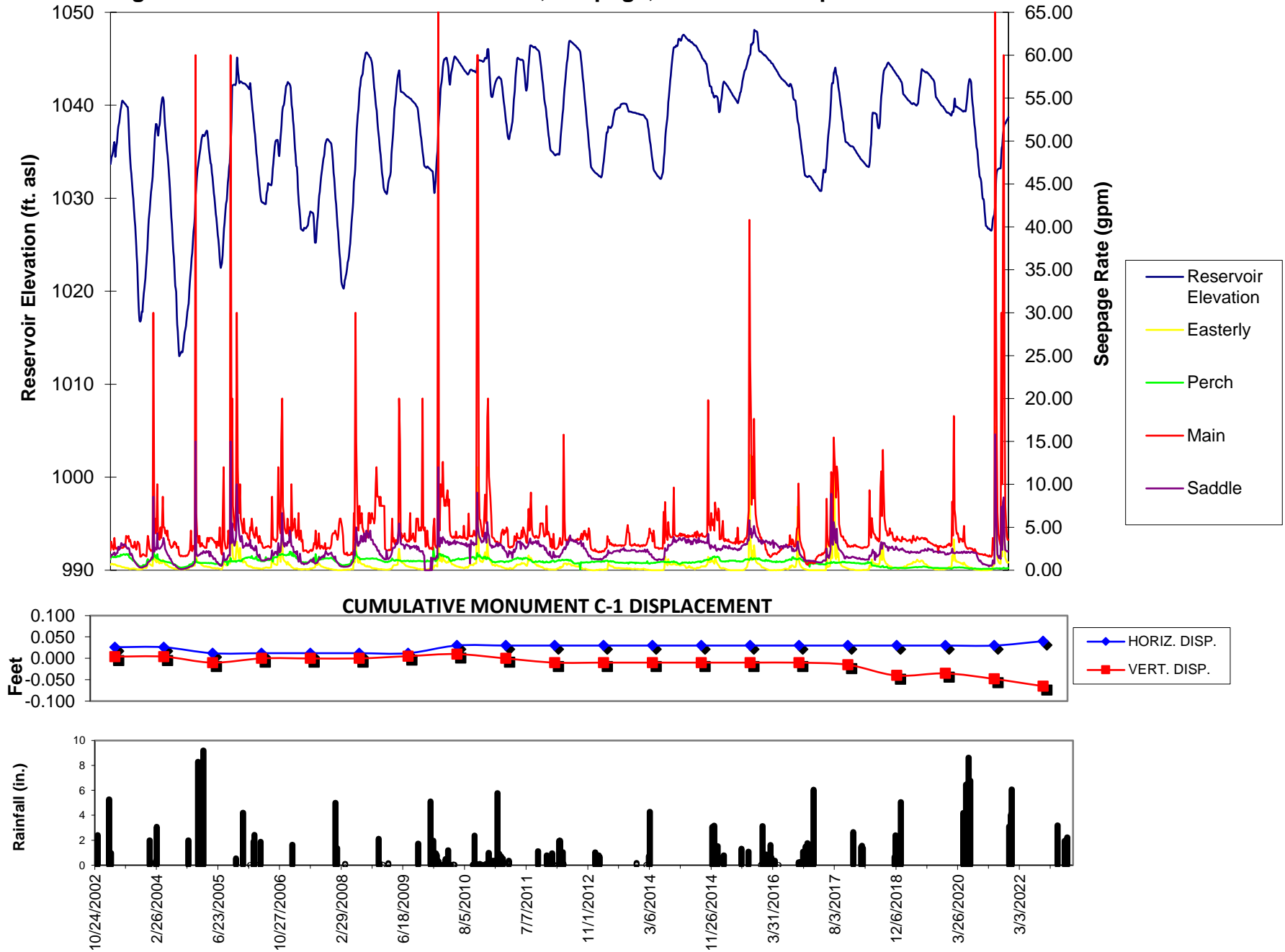
A-5 LAS VIRGENES RESERVOIR: RESERVOIR ELEVATION, SEEPAGE, MONUMENT DISPLACEMENT, & RAINFALL

Las Virgenes Reservoir: Reservoir Elevation, Seepage, Monument Displacement and Rainfall



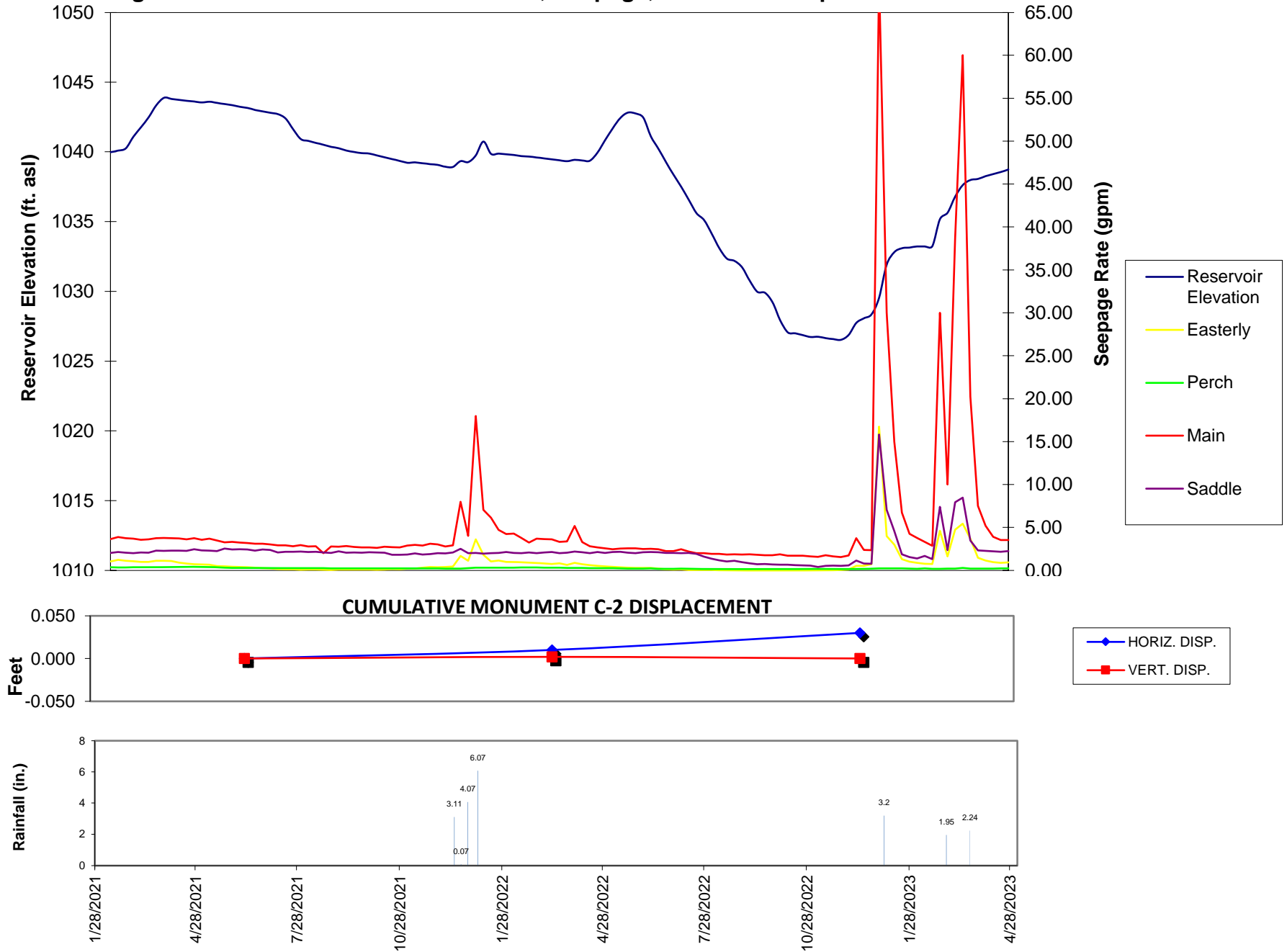
A-5 LAS VIRGENES RESERVOIR: RESERVOIR ELEVATION, SEEPAGE, MONUMENT DISPLACEMENT, & RAINFALL

Las Virgenes Reservoir: Reservoir Elevation, Seepage, Monument Displacement and Rainfall



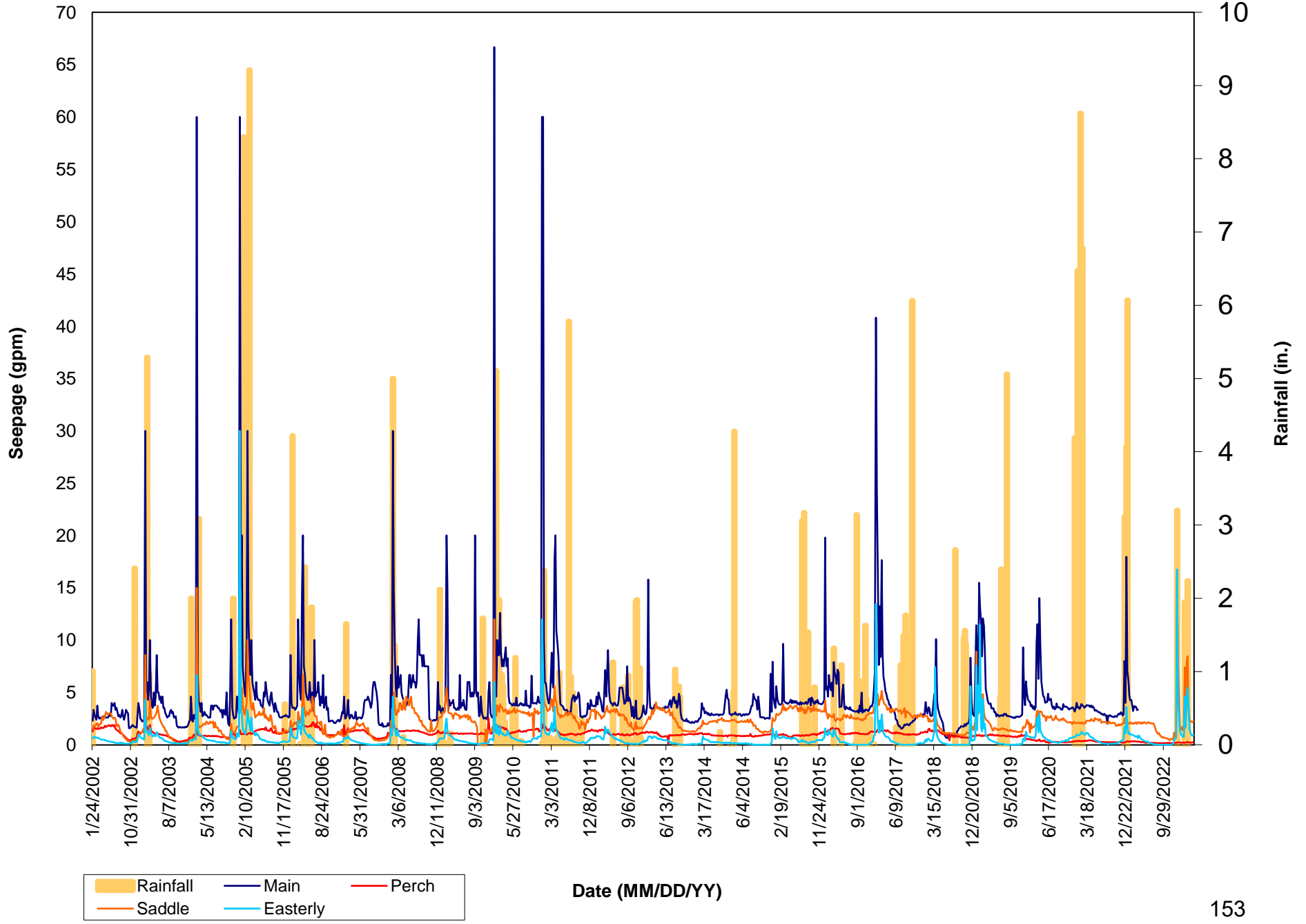
A-5 LAS VIRGENES RESERVOIR: RESERVOIR ELEVATION, SEEPAGE, MONUMENT DISPLACEMENT, & RAINFALL

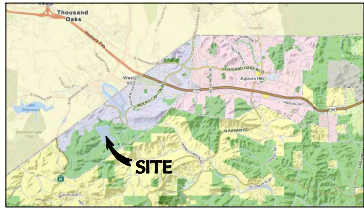
Las Virgenes Reservoir: Reservoir Elevation, Seepage, Monument Displacement and Rainfall



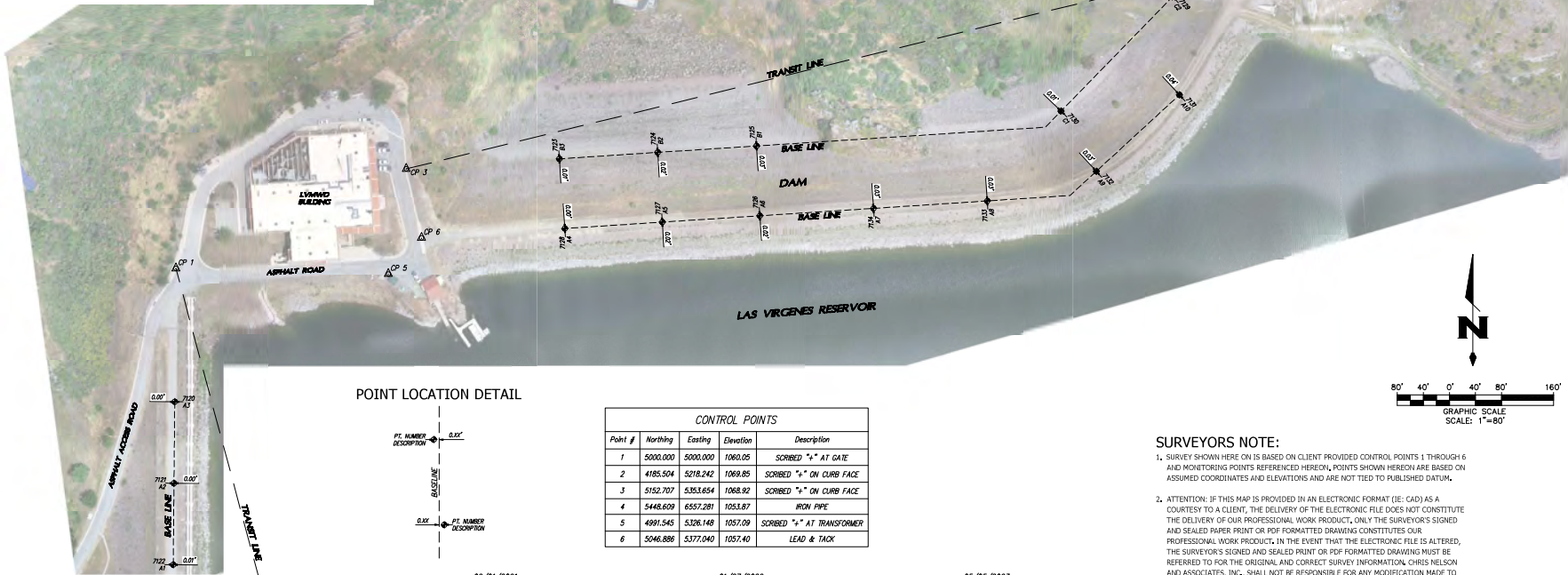
A-6 LAS VIRGENES RESERVOIR: EASTERLY, PERCH, MAIN, & SADDLE DRAINS SEEPAGE

Las Virgenes Reservoir:
Easterly, Perch, Main & Saddle Drains Seepage and Rainfall

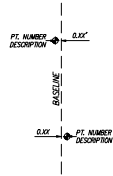




VICINITY MAP
NOT TO SCALE



POINT LOCATION DETAIL

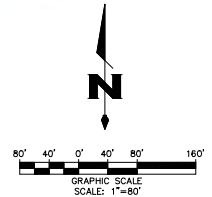


CONTROL POINTS				
Point #	Northing	Easting	Elevation	Description
1	5000.000	5000.000	1060.05	SCRIBED "*" AT GATE
2	4185.504	5218.242	1069.85	SCRIBED "*" ON CURB FACE
3	5152.707	5353.654	1068.92	SCRIBED "*" ON CURB FACE
4	5448.609	6557.281	1053.87	IRON PIPE
5	4891.545	5326.148	1057.09	SCRIBED "*" AT TRANSFORMER
6	5046.886	5377.040	1057.40	LEAD & TACK

02/01/2021 MONITORING POINTS				
Point #	Northing	Easting	Elevation	Description
100	4795.421	4998.128	1056.50	A3
101	4670.408	4997.018	1056.52	A2
102	4545.528	4995.839	1056.23	A1
103	5168.154	5598.495	1010.13	B3
104	5178.063	5739.471	1009.95	B2
105	5187.921	5891.183	1010.28	B1
106	5080.782	5896.162	1058.34	A6
107	5071.068	5746.490	1058.42	A5
108	5061.325	5596.972	1057.69	A4
109	5416.800	6329.623	1035.22	C2
110	5241.459	6358.576	1010.88	C1
111	5266.304	6540.423	1057.16	A10
112	5149.069	6412.711	1057.59	A9
113	5103.585	6245.416	1057.59	A8
114	5092.154	6070.821	1057.74	A7

01/27/2022 MONITORING POINTS				
Point #	Northing	Easting	Elevation	Description
120	4795.404	4998.138	1056.49	A3
121	4670.401	4997.031	1056.51	A2
122	4545.506	4995.870	1056.22	A1
123	5168.157	5598.511	1010.11	B3
124	5178.063	5739.488	1009.93	B2
125	5187.909	5891.216	1010.26	B1
126	5080.798	5896.182	1058.32	A6
127	5071.063	5746.514	1058.41	A5
128	5061.325	5596.973	1057.69	A4
129	5416.795	6329.635	1035.22	C2
130	5241.430	6358.552	1010.87	C1
131	5266.292	6540.438	1057.15	A10
132	5149.052	6412.696	1057.57	A9
133	5103.591	6245.397	1057.57	A8
134	5092.163	6070.797	1057.71	A7

05/05/2023 MONITORING POINTS				
Point #	Northing	Easting	Elevation	Description
7120	4795.395	4998.139	1056.48	A3
7121	4670.383	4997.029	1056.50	A2
7122	4545.487	4995.860	1056.21	A1
7123	5168.167	5598.517	1010.12	B3
7124	5178.088	5739.502	1009.94	B2
7125	5187.940	5891.224	1010.27	B1
7126	5080.815	5896.202	1058.32	A6
7127	5071.081	5746.522	1058.41	A5
7128	5061.325	5596.978	1057.68	A4
7129	5416.785	6329.649	1035.22	C2
7130	5241.414	6358.557	1010.86	C1
7131	5266.273	6540.471	1057.14	A10
7132	5149.023	6412.712	1057.56	A9
7133	5103.580	6245.392	1057.57	A8
7134	5092.136	6070.778	1057.71	A7



SURVEYORS NOTE:

1. SURVEY SHOWN HERE ON IS BASED ON CLIENT PROVIDED CONTROL POINTS 1 THROUGH 6 AND MONITORING POINTS REFERENCED HEREON. POINTS SHOWN HEREON ARE BASED ON ASSUMED COORDINATES AND ELEVATIONS AND ARE NOT TIED TO PUBLISHED DATUM.
2. ATTENTION: IF THIS MAP IS PROVIDED IN AN ELECTRONIC FORMAT (IE: CAD) AS A COURTESY TO A CLIENT, THE DELIVERY OF THE ELECTRONIC FILE DOES NOT CONSTITUTE THE DELIVERY OF OUR PROFESSIONAL WORK PRODUCT, ONLY THE SURVEYOR'S SIGNED AND SEALED PAPER PRINT OR PDF FORMATTED DRAWING CONSTITUTES OUR PROFESSIONAL WORK PRODUCT. IN THE EVENT THAT THE ELECTRONIC FILE IS ALTERED, THE SURVEYOR'S SIGNED AND SEALED PRINT OR PDF FORMATTED DRAWING MUST BE REFERRED TO FOR THE ORIGINAL AND CORRECT SURVEY INFORMATION. CHRIS NELSON AND ASSOCIATES, INC., SHALL NOT BE RESPONSIBLE FOR ANY MODIFICATION MADE TO THE PROVIDED CAD FILE, OR FOR ANY PRODUCTS THAT HAVE BEEN DERIVED FROM THE CAD FILE, WHICH ARE NOT REVIEWED, SIGNED AND SEALED BY US.

INSTRUMENT OCCUPATION NOTE:

1. FOR POINT OBSERVATIONS 7120-7122, THE INSTRUMENT OCCUPIED CONTROL POINT 1 AND BACKSIGHTED CONTROL POINT 2.
2. FOR POINT OBSERVATIONS 7123-7128, THE INSTRUMENT OCCUPIED CONTROL POINT 3 AND BACKSIGHTED CONTROL POINT 4.
3. FOR POINT OBSERVATIONS 7129-7134, THE INSTRUMENT OCCUPIED CONTROL POINT 4 AND BACKSIGHTED CONTROL POINT 5.



DATED: 05/23/2023

REVISION NOTES		
DATE	DESCRIPTION	BY

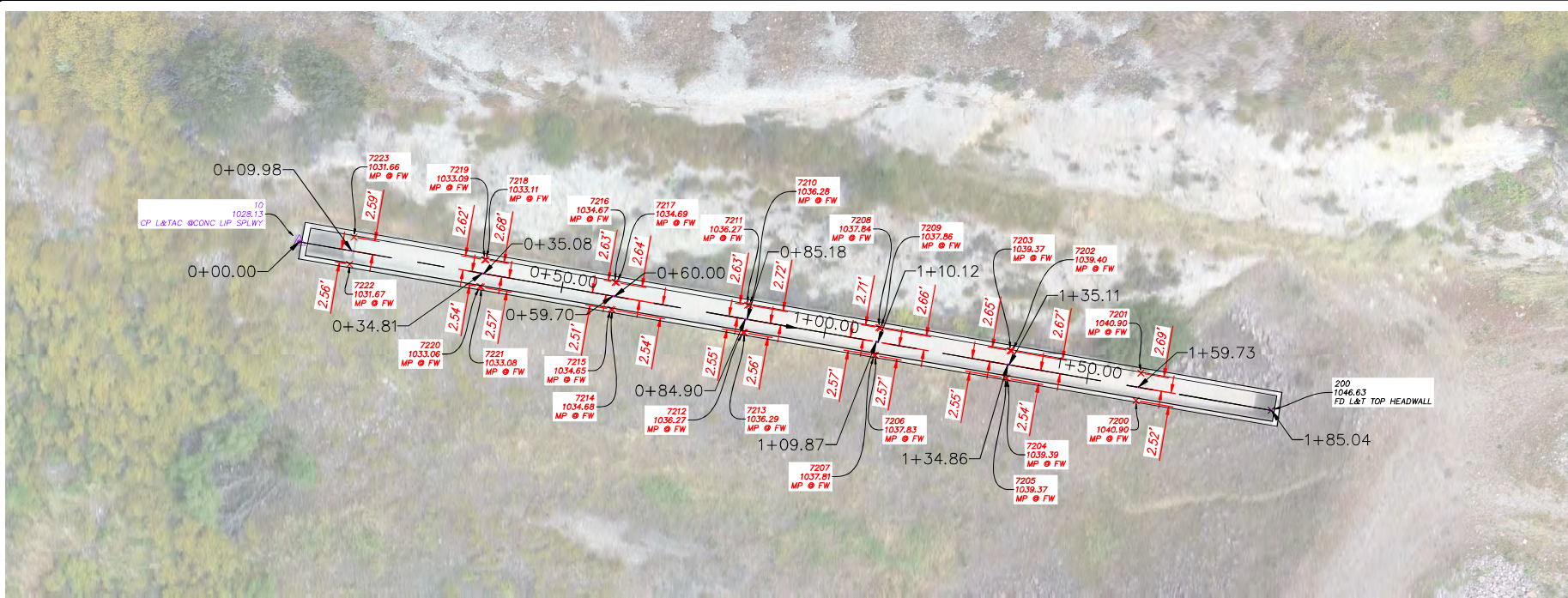
CHRIS NELSON & ASSOCIATES, INC.
SURVEYORS AND ENGINEERS
28118 Agoura Pk., Suite 100, Agoura Hills, CA, 91301
P: 818.991.1040 F: 818.991.0814
www.chrisnelsonassociates.com

PREPARED FOR:
L. V. M. W. D.
4232 LAS VIRGENES ROAD
CHLABASAS, CA 91302

DAM SETTLEMENT MONITORING EXHIBIT
LAS VIRGENES RESERVOIR DAM
CITY OF WESTLAKE VILLAGE, COUNTY OF LOS ANGELES

JOB NO. 23-6680
SCALE: 1" = 80'
DATE: MAY, 2023
DRAFTED: SJW

SHEET NO.
1
OF 1 SHEET

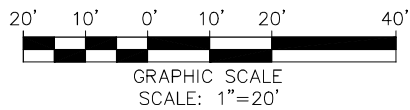


SURVEYOR'S NOTE:

1. MONITORING SURVEY WAS PERFORMED ON 11-09-2023

LEGEND

X POINT NO. MONITORING
ELEV. ELEV. SURVEYED ON 11-09-2023
DESC. DESC.



DATED: 11/15/2023

JOB NO. 23-6680
 SCALE: 1" = 20'
 DATE: NOV, 2023
 SHEET: 1 OF 1

PREPARED FOR:
LVMWD

MONITORING SURVEY EXHIBIT
 SPILLWAY
 LAS VIRGENES RESERVOIR DAM,
 WESTLAKE VILLAGE, CA

CHRIS NELSON & ASSOCIATES, INC.
 SURVEYORS AND ENGINEERS
 28118 Agoura Rd., Suite 100, Agoura Hills, CA, 91301
 P: 818.369.1040 F: 818.369.1061
 www.chrisnelsonandassociates.com

A-8 Shakemaps California Earthquake Archive



ShakeMap Archive

2.75+ Magnitude Earthquakes in S. California Between March 2022-May 5 2023

Mag	Time	Latitude	Longitude	Location	Event ID
3.28	2022-03-22T10:33:38.430Z	34.0498333	-117.5645	6km E of Ontario, CA	ci39974135
3.62	2022-04-03T09:51:30.520Z	35.0381667	-116.9765	16km NNE of Barstow, CA	ci39985119
3.31	2022-04-18T22:35:34.450Z	32.415	-115.2528333	9km NW of Delta, B.C., MX	ci40240528
3.61	2022-04-19T20:22:41.540Z	32.9095	-115.5165	8km S of Brawley, CA	ci40241424
3.72	2022-04-19T20:30:08.420Z	32.9105	-115.5138333	8km SSE of Brawley, CA	ci40241440
3.41	2022-04-20T05:19:44.850Z	32.918	-115.5111667	7km SSE of Brawley, CA	ci40241880
3.62	2022-04-21T18:58:50.260Z	32.8948333	-115.5135	7km NE of Imperial, CA	ci40243288
3.54	2022-05-09T21:35:33.550Z	33.0391667	-116.3538333	24km E of Julian, CA	ci40255120
3.53	2022-05-10T06:53:51.020Z	35.5251667	-117.3896667	27km S of Trona, CA	ci40255392
3.48	2022-05-13T13:32:36.610Z	33.342	-116.8575	2km SSE of Palomar Observatory, CA	ci40017591
3.76	2022-05-16T06:16:50.290Z	34.0078333	-116.4448333	7km NE of Desert Hot Springs, CA	ci40019919
4.28	2022-05-26T09:23:32.530Z	35.6026667	-117.406	18km S of Trona, CA	ci40027143
3.68	2022-06-03T10:40:29.910Z	33.2338333	-116.6641667	6km SSW of Warner Springs, CA	ci40032983
3.55	2022-06-08T22:48:21.560Z	35.5108333	-118.3873333	13km SE of Bodfish, CA	ci40036719
3.75	2022-06-20T03:40:29.350Z	32.3988333	-115.2291667	6km NW of Delta, B.C., MX	ci40287560
3.53	2022-07-06T06:15:46.400Z	35.5548333	-118.402	9km ESE of Bodfish, CA	ci40297864
3.54	2022-07-07T01:30:31.400Z	33.2308333	-116.1063333	10km NNE of Ocotillo Wells, CA	ci40298688
3.58	2022-07-13T10:28:27.290Z	32.498	-118.2405	37km SSE of San Clemente Is. (SE tip), C	ci40302920
3.58	2022-07-14T18:54:03.220Z	33.2725	-115.9846667	4km SW of Salton City, CA	ci40063127
3.25	2022-07-14T19:30:34.210Z	34.2206667	-117.5951667	10km WSW of Lytle Creek, CA	ci40063159
4.58	2022-07-15T01:19:07.000Z	35.7091667	-117.5843333	13km NE of Ridgecrest, CA	ci40063391
3.55	2022-07-17T10:41:43.560Z	33.4196667	-118.009	23km SSW of Newport Beach, CA	ci40065151
3.47	2022-07-17T11:34:47.530Z	35.487	-118.2855	22km ESE of Bodfish, CA	ci40065175
3.8	2022-07-17T15:44:26.540Z	35.5126667	-118.3865	13km SE of Bodfish, CA	ci40065255
3.46	2022-07-17T18:18:39.190Z	33.272	-115.983	4km SW of Salton City, CA	ci40065399
3.33	2022-08-03T18:45:00.270Z	34.4603333	-117.8075	4km SSW of Llano, CA	ci40074431
3.42	2022-08-28T22:48:03.720Z	35.6443333	-118.3181667	14km ESE of Wofford Heights, CA	ci40333424
4.03	2022-08-30T08:44:40.660Z	32.4063333	-115.2251667	6km NNW of Delta, B.C., MX	ci40334320
3.57	2022-09-03T17:04:55.810Z	34.0203333	-117.5595	5km NW of Mira Loma, CA	ci40095559
2.88	2022-09-04T13:11:59.770Z	33.8796667	-118.4575	4km W of Manhattan Beach, CA	ci40095991
3.53	2022-09-18T06:55:48.060Z	33.7635	-115.9373333	23km NE of Thermal, CA	ci40102247
3.48	2022-09-20T18:34:41.320Z	33.3613333	-115.791	6km WNW of Bombay Beach, CA	ci40103391
3.7	2022-09-27T08:03:39.320Z	35.5076667	-118.3885	13km SE of Bodfish, CA	ci40107167
3.08	2022-10-03T08:24:33.660Z	33.8696667	-117.7646667	5km ESE of Yorba Linda, CA	ci40354936
3.01	2022-10-03T16:08:09.970Z	33.9246667	-116.9215	4km W of Banning, CA	ci40355088
3.57	2022-10-04T16:38:33.910Z	32.3381667	-115.2443333	5km WSW of Delta, B.C., MX	ci40355512
3.47	2022-10-07T22:45:05.470Z	33.0413333	-116.3546667	23km E of Julian, CA	ci40357392
3.67	2022-10-12T12:54:07.000Z	35.0486667	-118.9958333	13km NNW of Grapevine, CA	ci40359712

2.85	2022-10-30T08:16:03.080Z	34.0463333	-117.2351667	2km E of Loma Linda, CA	ci40127223
3.01	2022-10-31T04:52:58.560Z	34.3418333	-117.569	6km ESE of Wrightwood, CA	ci40127463
3.82	2022-12-01T15:28:29.660Z	32.8361667	-116.0403333	12km NNW of Ocotillo, CA	ci40383192
3.56	2022-12-07T14:13:22.690Z	35.5086667	-118.3915	13km SE of Bodfish, CA	ci40142983
3.47	2022-12-31T11:41:09.460Z	34.3556667	-116.9218333	11km SSE of Lucerne Valley, CA	ci40151719
4.14	2022-12-31T12:12:26.650Z	33.3975	-116.3933333	16 km N of Borrego Springs, CA	ci40151807
4.19	2023-01-25T10:00:54.680Z	33.885	-118.7045	16km S of Malibu Beach, CA	ci40161279
3.61	2023-01-25T10:03:33.360Z	33.8863333	-118.7026667	16km S of Malibu Beach, CA	ci40161287
2.79	2023-02-04T05:59:44.410Z	34.0393333	-117.2003333	2km SW of Redlands, CA	ci40410680
3.56	2023-02-28T13:30:51.690Z	35.6128333	-117.4165	17km SSW of Trona, CA	ci40419496
3.09	2023-03-13T22:14:02.480Z	34.1996667	-116.9315	5km SSW of Big Bear Lake, CA	ci40184319
3.55	2023-03-18T16:52:07.010Z	33.2466667	-115.799	13km SSW of Bombay Beach, CA	ci40186543
3.56	2023-03-18T17:19:33.150Z	33.2471667	-115.7958333	13km SSW of Bombay Beach, CA	ci40186575
3.42	2023-03-24T13:45:13.700Z	33.178	-116.4095	9km SSW of Borrego Springs, CA	ci40189119
3.59	2023-03-26T06:20:45.070Z	35.7898333	-116.8505	48km E of Trona, CA	ci40189967
4.15	2023-04-01T01:16:07.810Z	33.3816667	-116.9096667	5km NW of Palomar Observatory, CA	ci39508378
3.65	2023-04-09T02:06:52.420Z	32.4946667	-115.5726667	10km S of Progreso, B.C., MX	ci40438576
3.52	2023-04-14T14:56:56.320Z	32.5215	-115.6255	8km SSW of Progreso, B.C., MX	ci40440784
3.56	2023-04-17T07:45:17.200Z	33.8713333	-120.446	19km SSW of San Miguel Is., CA	ci40441800
3.62	2023-04-17T15:27:56.450Z	34.9518333	-116.7195	28km ENE of Barstow, CA	ci40441936
3.56	2023-04-26T06:46:58.450Z	34.0288333	-116.8456667	12km NNE of Banning, CA	ci40445744
4.09	2023-04-29T12:07:03.500Z	32.711	-115.5448333	3 km SSW of Heber, CA	ci40214151
3.71	2023-04-29T21:06:47.870Z	32.709	-115.5406667	3km SSW of Heber, CA	ci40214935
4.33	2023-04-30T07:09:34.500Z	33.2008333	-115.59	8km WSW of Niland, CA	ci40215575
4.29	2023-04-30T07:10:10.180Z	33.1893333	-115.5933333	9km SW of Niland, CA	ci40215583
4.26	2023-04-30T07:58:19.380Z	33.2036667	-115.5858333	7km WSW of Niland, CA	ci40215735

DEPARTMENT OF WATER RESOURCES

P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791



January 23, 2024

David W. Pedersen, General Manager
Las Virgenes Municipal Water District
4232 Las Virgenes Road
Calabasas, California 91302

Attention: John Soderberg, Assistant Engineer

Westlake Reservoir Dam, No. 1073
Los Angeles County

Dear Mr. Pedersen:

Thank you for the surveillance data transmitted to the Division of Safety of Dams (DSOD) on December 14, 2023. DSOD collects this information to monitor ongoing conditions for dam safety in accordance with Division 3, Part 1, Chapter 4, sections 6101 and 6102.5(b) of the California Water Code. DSOD has reviewed the data and has no comments at this time.

If you have any questions or need additional information, you may contact Field Engineer Brian Sawyer at (916) 628-4068 or me at (916) 565-7827.

Sincerely,

Brandon Cruz

Brandon Cruz, P.E., Regional Engineer
Southern Region
Field Engineering Branch
Division of Safety of Dams



DATE: March 19, 2024
TO: Board of Directors
FROM: Facilities and Operations

SUBJECT: Water Main Breaks at 5745 Parkmor Road and Valley Circle Boulevard near Dorie Drive: Continuation of Emergency Declaration

SUMMARY:

On February 6, 2024, the Board adopted Resolution No. 2634, declaring an emergency due to a 12-inch water main break at 5745 Parkmor Road in the City of Calabasas and a 30-inch water main break along Valley Circle Boulevard near Dorie Drive in West Hills to ensure the work can be completed expeditiously.

RECOMMENDATION(S):

Approve the continuation of an emergency declaration due to a 12-inch water main break at 5745 Parkmor Road in the City of Calabasas and a 30-inch water main break along Valley Circle Boulevard near Dorie Drive in West Hills.

FINANCIAL IMPACT:

There is no direct financial impact associated with continuing the emergency declaration.

DISCUSSION:

Section 2-6.402 of the Las Virgenes Municipal Water District Code requires that once the Board has declared an emergency, it must determine by a four-fifths vote at each subsequent regular Board meeting whether to continue or terminate the authorization for emergency. Staff recommends that the emergency declaration be continued.

GOALS:

Construct, Manage and Maintain all Facilities and Provide Services to Assure System Reliability and Environmental Compatibility

Prepared by: Darrell Johnson, Interim Director of Facilities and Operations/Water Systems Manager



DCA

Delta Conveyance Project

March 19, 2024 | Las Virgenes Municipal Water District

Graham Bradner

Executive Director

Delta Conveyance Design & Construction Authority

Carrie Buckman

Environmental Program Manager

CA Department of Water Resources



DCA

3 out of 5 Californians Depend on Water that Flows from the Delta

- 2/3 of California's water originates in the Sierra Nevada mountains
- 50% of California's water supply flows through the Delta
- 29 State Water Contractors – including SCV Water - purchase and distribute water through the State Water Project (SWP)
- 27m people receive clean, affordable water from SWP
- 750k acres of farmland are irrigated with SWP water





DCA

Adapting to "Weather Whiplash"

Global climate models forecast a range of future scenarios

- Changes in projected annual runoff (from -32% to +47%)
- More precipitation falling as rain instead of snow in winter months, than typical
- More extreme drought and flood cycles
- Flashier storms (pockets of intense precipitation scattered within dry stretches)
- This increased flow during the winter cannot be captured and moved
 - Flood protection
 - Flow, fishery and water quality requirements



DCA

How would the Delta Conveyance Project Help?

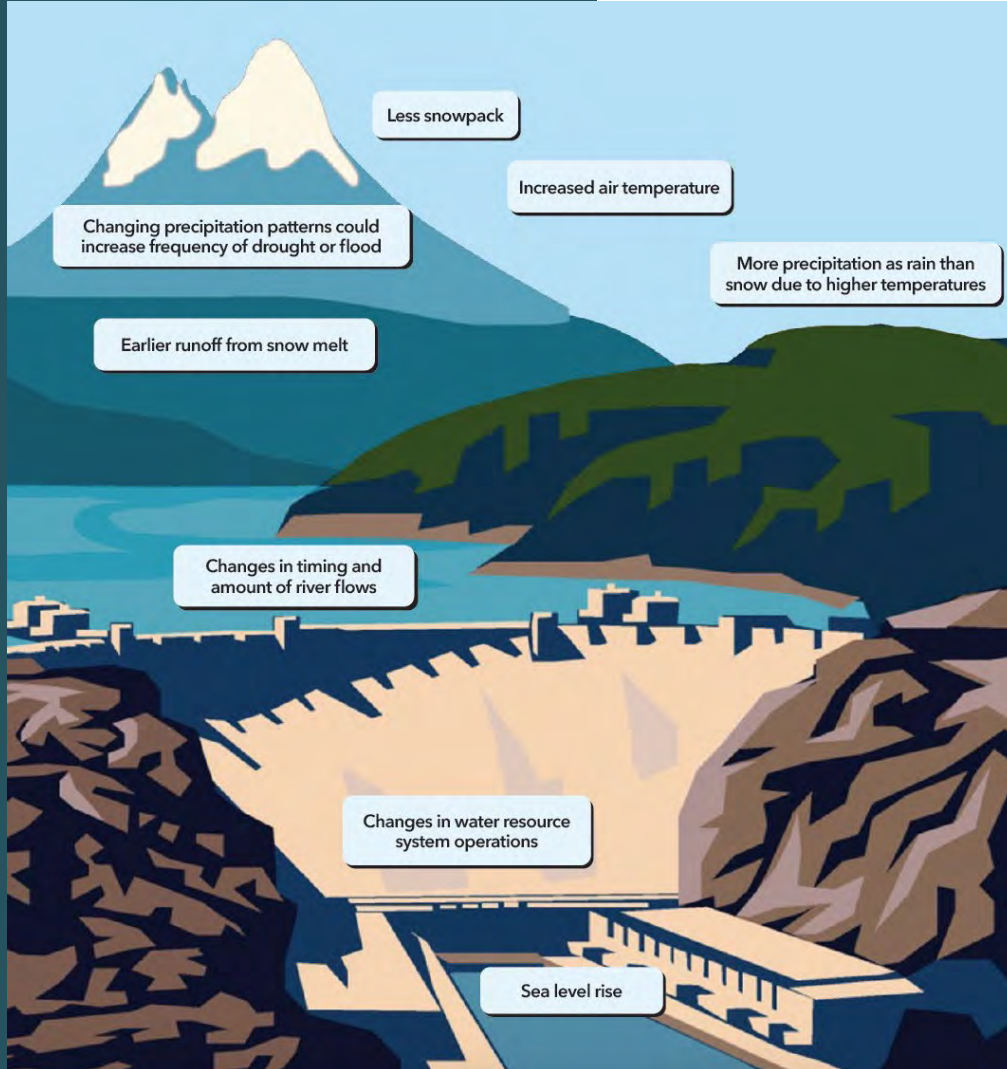
- Adding intakes in the north Delta would allow the capture and movement of water in the winter that would otherwise be unavailable.
- North Delta intakes would add capacity to safely divert in the winter during high flow conditions, while meeting water quality and species protections.
- This added ability to divert high flows will help guard against declining baseline water deliveries, protect water agencies' baseline supplies, and minimize future losses.
- Modernizing the aging SWP infrastructure will protect against seismic risk and sea level rise and aid in ensuring that we capture, move and store water when it is available and when it is safe for fish and water quality.



DCA

Effects on Water Management

- Existing facilities designed to capture water based on historic precipitation patterns
 - Snow in mountains and rain in valley
 - Snow functioned as additional storage, delaying water from flowing as snowmelt until late spring
- Historical pattern of accumulating snowpack followed by slower snowmelt and more stable streamflow is the basis for typical water and flood management
- These water management challenges will limit the yield of the State Water Project over time
 - Agencies that receive SWP water will see their baseline deliveries decline





DCA

Project Operations

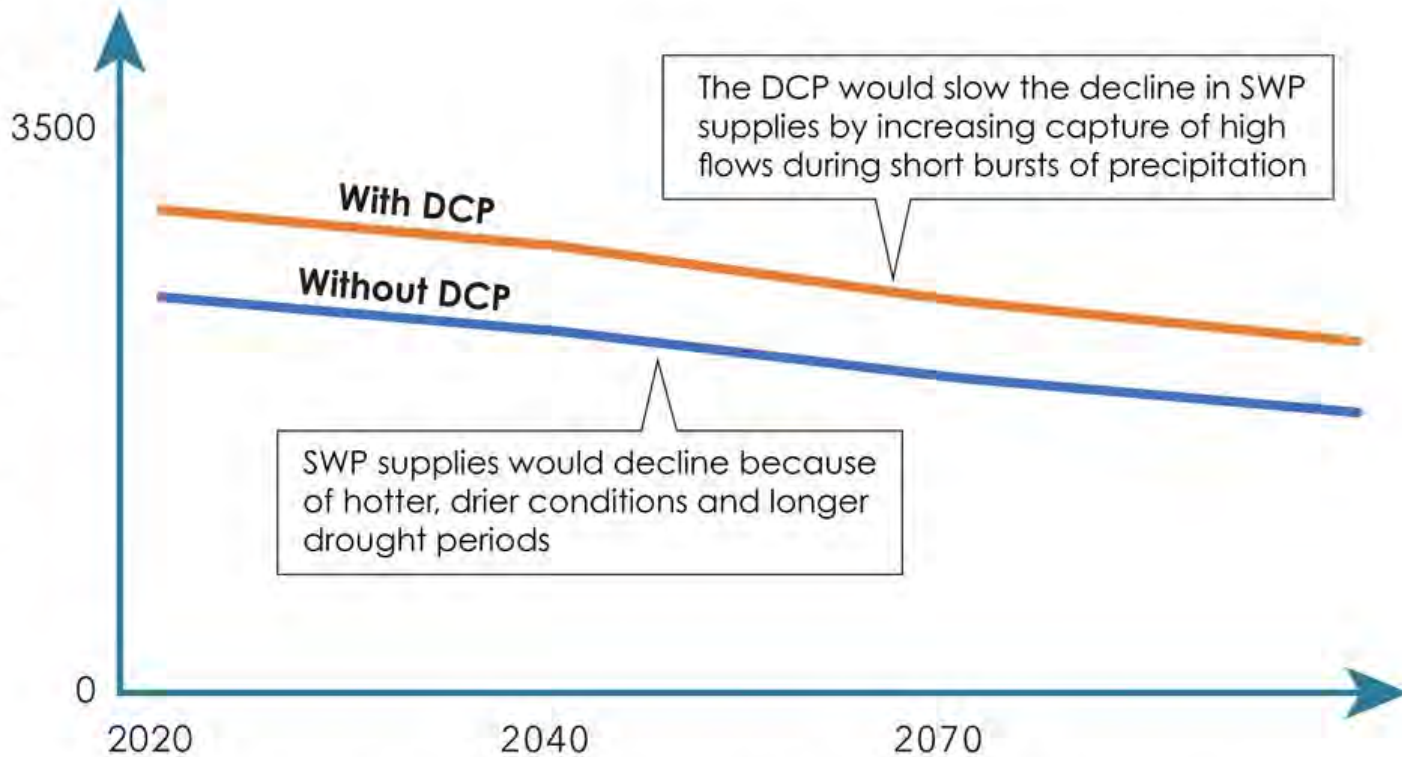
- Work in concert with existing south Delta facilities
- Meet all regulatory water quality and fishery requirements
- New operating rules for added fishery protections
 - Pulse protection, bypass flows
- Not requesting new water rights, only change in point of diversion
- Winter/spring: new intakes augment excess flow diversions on top of permitted diversions at south Delta intakes
- Summer/fall: new intakes manage salinity and realize carriage water savings



DCA

Declining Baseline

Sacramento/San Joaquin
Delta SWP Water Supplies (in TAF)



The Delta Conveyance Project would yield about **500,000 acre-feet of water/year**, which is enough for about **5.2 million people**.



DCA

Missed Opportunities

If the Delta Conveyance Project was operational during the high rain events of winter 2021-2022, January 2023 and Jan/Feb/March 2024, a significant amount of water could have been captured and moved.

	Winter 2021-2022	January 2023	January 1-March 7, 2024
Amount of water that could have been captured: 	236,000 acre-feet	228,000 acre-feet	648,000 acre-feet
That's enough water to supply: 	Over 2.5 million people for one year	Over 2.3 million people for one year	Over 6.8 million people for one year
OR 	Nearly 850,000 households for one year	Nearly 800,000 households for one year	Nearly 2.3 Million households for one year



DCA

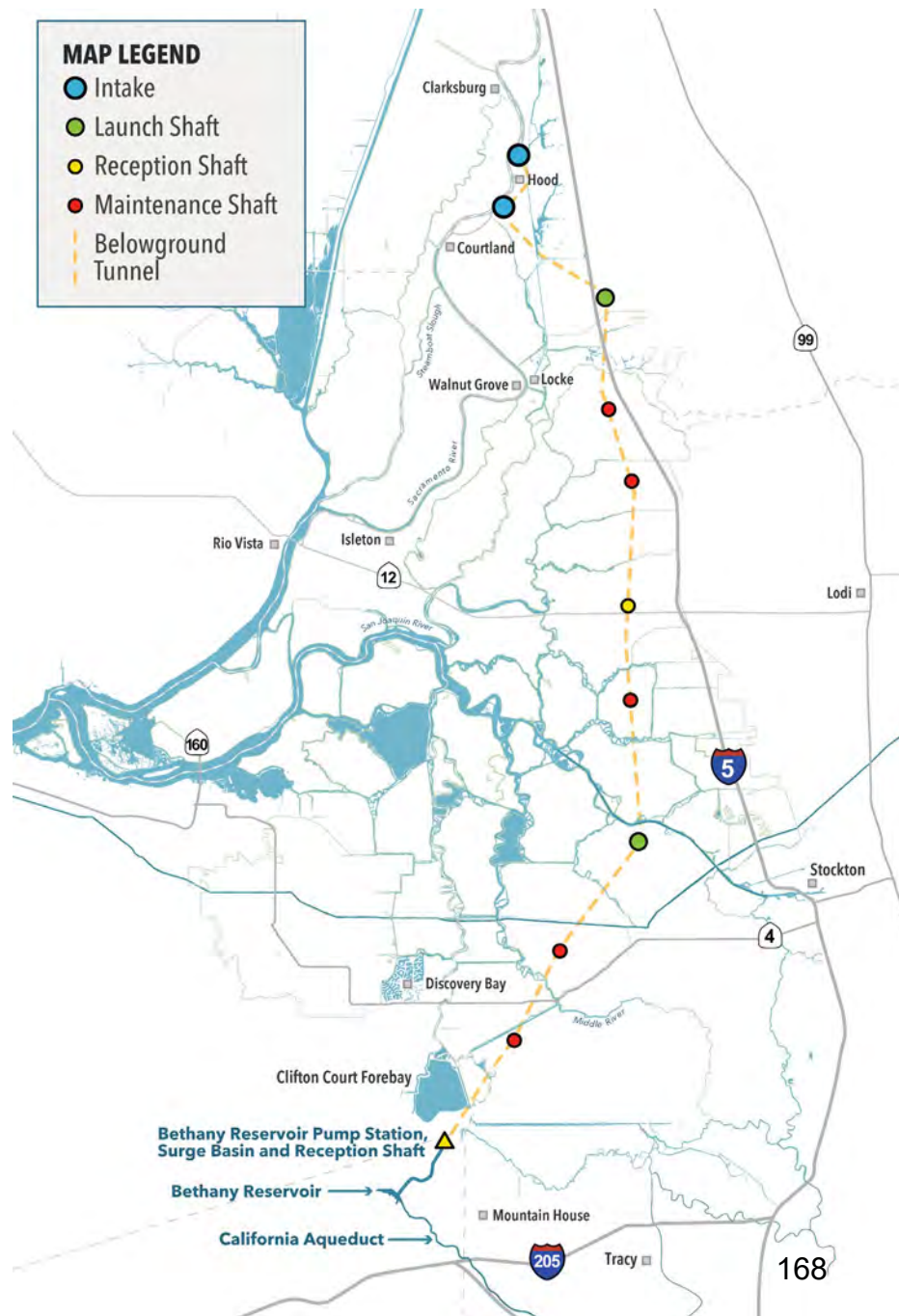
What is the Project?

Project

- Bethany alignment
- 6,000 cfs
- 2 intakes
- Pumping plant connects the tunnel directly to Bethany Reservoir

Tunnel by the Numbers

- 2 new intakes in North Delta
- Each intake has capacity of 3,000 cubic feet per second (cfs) for a total of 6,000 cfs
- 1 below-ground tunnel for approximately 45 miles
- 36 feet tunnel diameter (inside)
- 140 – 170 feet approximate depth range of tunnel
- 18 inches thickness of tunnel segments





DCA

Project Advantages

Bethany Reservoir Alternative:

State of the art fish screens for smaller intake footprint

Fewer tunnel launch shafts

Traffic focus on highways, interstates, exclusive haul roads

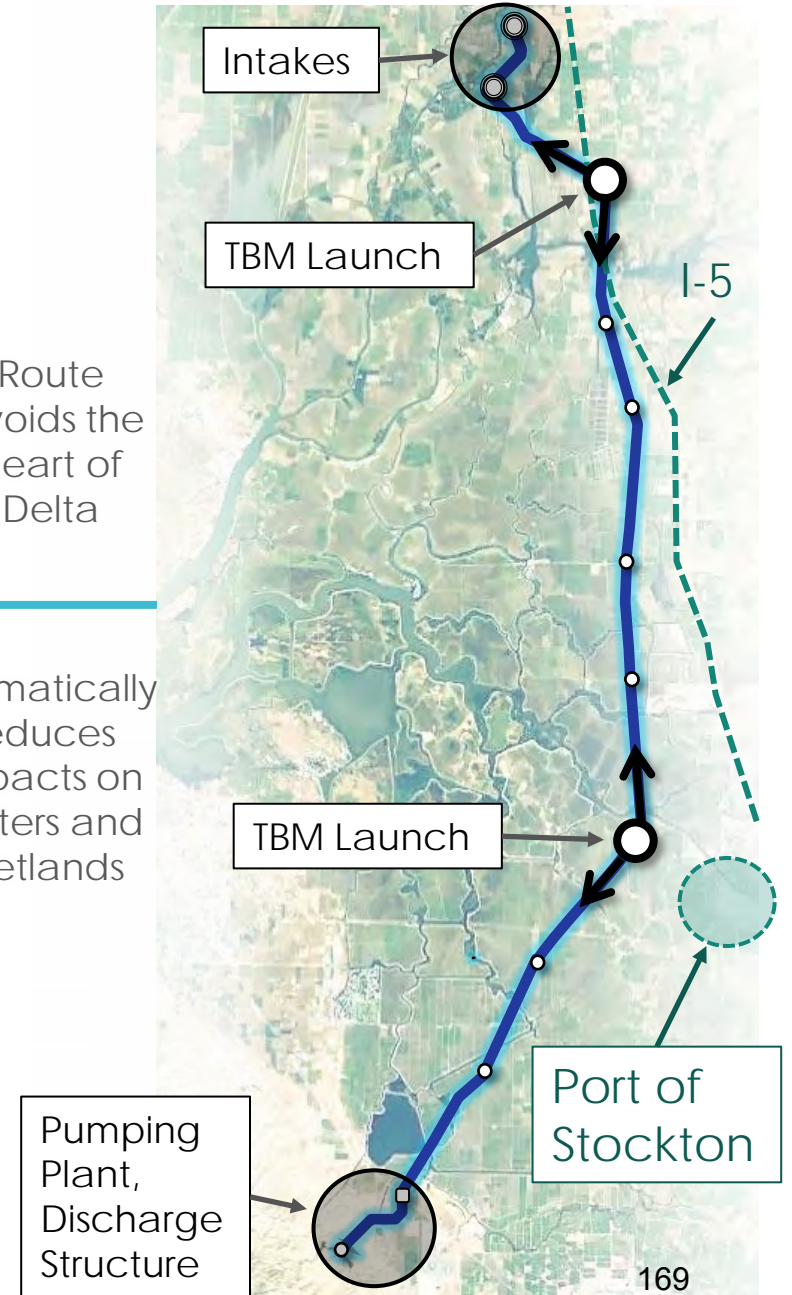
Route avoids the heart of Delta

Reliance on burying conduit for new power lines

Pumping plant on higher ground discharging directly into Bethany Res.

Avoids new forebays or barge landings

Dramatically reduces impacts on waters and wetlands





DCA

Seismic Resiliency

- DCP facility design based on latest understanding of seismicity in the region
- Designed for continued operation following Maximum Design Earthquake (MDE), an extreme and rare event
 - Tunnel/Shafts: 2,475-year return period
 - Intakes/Embankments/Aqueducts/Bridges: 975-year return period
 - Pumping Plant: 2/3rd Maximum Considered Earthquake as defined by ASCE and CBC
- Tunnel would be below depth of anticipated liquefaction
- Tunnels are intrinsically safer – not subject to amplification, soil confinement improves performance
- Additional design elements can be included to manage fault crossings

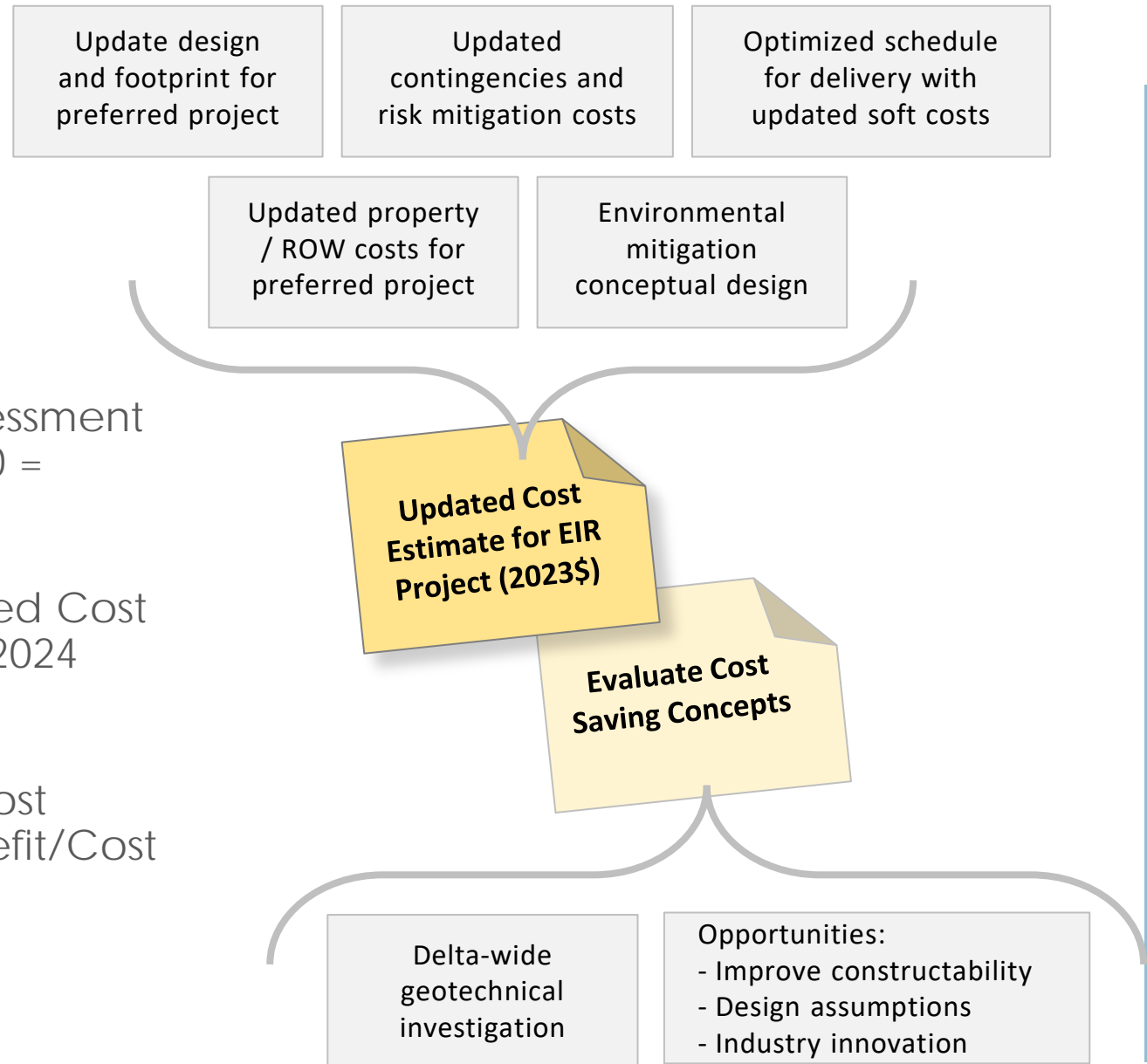




DCA

Cost Estimate Updates

- Latest Cost Assessment released in 2020 = \$15.9B (2020\$)
- Will issue updated Cost Estimate in Q2/2024 (2023\$)
- Use updated Cost Estimate in Benefit/Cost Analyses



*DWR published a Statewide Economic Analysis of the SWP in December 2023.



DCA

DCP Design Development



Project Engineering Report

- Single report documenting Engineering considerations for Bethany Reservoir Alternative
- Last engineering deliverable of the current Planning & Permitting SOW



Next Phase: Conceptual → Preliminary Design

- Geotechnical and environmental data
- Survey information
- Property access and land acquisition
- Feature Design Team procurements
- Environmental mitigation implementation



DCA

Robust Community Engagement

- Environmental Justice/DAC focus—based on guidance about best practices from statewide EJ outreach experts, focused on raising awareness
- Formal Tribal consultation and informal Tribal coordination to develop Tribal impact analysis and mitigation
- Delta community engagement (Stakeholder Engagement Committee) to obtain local insight during conceptual design/engineering to avoid and minimize impacts
- Community Benefits Program for Delta communities
- Extensive overall outreach, broad array of informational resources



DCA

Why Community Benefits?

Creating a Community Benefits Program for the Delta Conveyance Project is an acknowledgment that:

1

The direct project benefits related to SWP water supply reliability do not directly benefit the communities of the Delta;

2

The project, if approved, could have potential adverse effects that Delta communities experience through the term of construction; and

3

The California Environmental Quality Act (CEQA) and other required environmental mitigation typically do not address all adverse effects on the local communities.



DCA

Components of the Community Benefits Program

- Delta Community Fund
 - Proposed overarching fund to support community-prioritized projects in the Delta
- Project Implementation Commitments
 - Hiring targets, job training, and education
 - Local business utilization
 - Infrastructure and facilities



DCA

CEQA Process and Status

- Draft Environmental Impact Report (DEIR) comment period closed December 2022
- 142-day comment period
- ~729 letters and other communications
- ~7,300 individual comments
- Covering a broad range of policy and environmental technical topics
- Final Environmental Impact Report (Final EIR) certified by DWR December 2023
- Litigation action



DCA

Are there alternatives to a tunnel?

- The Delta Conveyance Project is specifically geared toward protecting and preserving the long-term viability of State Water Project infrastructure and water supplies
- While other types of supplies and conservation are important for regional sustainability, they don't directly address the functionality of the SWP
- For example, "through Delta" only options do not
 - restore and protect the reliability of SWP supplies
 - address rising sea levels
 - improve climate resilience
 - adapt to changing precipitation patterns/extreme weather events
 - guard against seismic threats



DCA

How will the project be financed?

- DWR funds capital projects for the SWP by issuing revenue bonds
- This is similar to how a mortgage is used to finance the purchase of a house
- Revenue bonds are not liabilities of the State of California and are the sole obligation of the SWP



DCA

What is the validation case?

What does the decision mean?

- The purpose of the validation case is to affirm DWR's authority to build and finance the project
- However, what was before the court were bond resolutions that contained a broadly defined "Delta program", and the judge essentially rejected the definition as being too broad
- The bond resolutions were adopted in 2020 during the time that DWR was conducting environmental review and the department necessarily had to adopt a broad program definition that could encompass the broad range of project alternatives under consideration.
- The judge has not said that DWR doesn't have the authority to build the project it approved in December or borrow money to pay for it
- DWR has filed an appeal



DCA

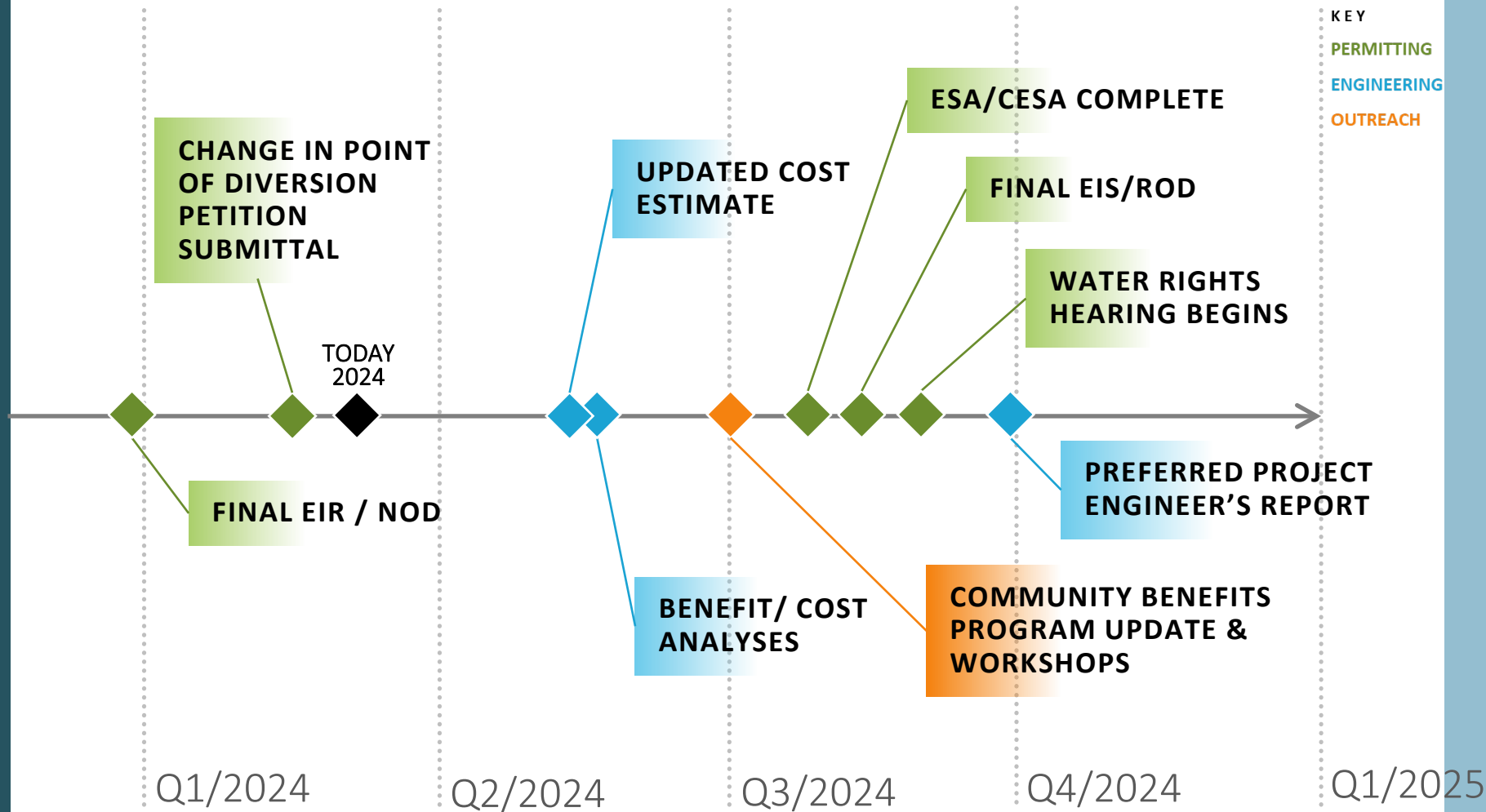
Future Steps

- National Environmental Policy Act (NEPA): Early 2024
- State and Federal Endangered Species Acts
- State Water Resources Control Board
- Community Benefits Program
- Financial (revised cost estimate and benefit-cost analysis)
- Public Outreach and Engagement



DCA

DCP 2024 Milestones





DCA

Questions?



DCA

Stay Informed



DWR: deltaconveyanceproject.com

DCA: dcdca.org



DWR: DeltaConveyance@water.ca.gov

DCA: info@dcdca.org



Multilingual Project Hotline

866.924.9955



The Metropolitan Water District of Southern California

Agenda

The mission of the Metropolitan Water District of Southern California is to provide its service area with adequate and reliable supplies of high-quality water to meet present and future needs in an environmentally and economically responsible way.

Board of Directors - Final - Revised 2

March 12, 2024

1:30 PM

Tuesday, March 12, 2024 Meeting Schedule
08:30 a.m. LC 10:00 a.m. FAM 01:00 p.m. Break 01:30 p.m. BOD

Agendas, live streaming, meeting schedules, and other board materials are available here: <https://mwdh2o.legistar.com/Calendar.aspx>. If you have technical difficulties with the live streaming page, a listen-only phone line is available at 1-877-853-5257; enter meeting ID: 891 1613 4145. Members of the public may present their comments to the Board on matters within their jurisdiction as listed on the agenda via in-person or teleconference. To participate via teleconference 1-833-548-0276 and enter meeting ID: 815 2066 4276 or click <https://us06web.zoom.us/j/81520664276pwd=a1RTQWh6V3h3ckFhNmDsUWpKR1c2Zz09>

MWD Headquarters Building • 700 N. Alameda Street • Los Angeles, CA 90012

Teleconference Locations:

Princess Cruise / Emerald Princess • 3721 S.W. 30th Avenue, Fort Lauderdale, FL 33312

3008 W. 82nd Place • Inglewood, CA 90305

525 Via La Selva • Redondo Beach, CA 90277

City Hall • 303 W. Commonwealth Ave. • Fullerton, CA 92832

Cedars Sinai Medical Center • 8700 Beverly Blvd • Los Angeles, CA 90048

934 16th Street • Denver, CO 80202

1. Call to Order

- a. Invocation: Director Jacque McMillan, Calleguas Municipal Water District
- b. Pledge of Allegiance: Director Gloria Cordero, City of Long Beach

2. Roll Call

3. Determination of a Quorum

4. Opportunity for members of the public to address the Board on matters within the Board's jurisdiction. (As required by Gov. Code §54954.3(a))

PUBLIC HEARING

- a. Public hearing regarding: the proposed water rates and charges for calendar years 2025 and 2026 necessary to meet the revenue requirements for fiscal years 2024/25 and 2025/26 21-3127

5. OTHER MATTERS AND REPORTS

- A. Report on Directors' Events Attended at Metropolitan's Expense 21-3052

Attachments: 03122024 BOD 5A Report

- B. Chair's Monthly Activity Report 21-3053

Attachments: 03122024 BOD 5B Report

- C. General Manager's summary of activities 21-3054

Attachments: 03122024 BOD 5C Report

- D. General Counsel's summary of activities 21-3055

Attachments: 03122024 BOD 5D Report

- E. General Auditor's summary of activities 21-3056

Attachments: 03122024 BOD 5E Report

- F. Ethics Officer's summary of activities 21-3057

Attachments: 03122024 BOD 5F Report

**** CONSENT CALENDAR ITEMS -- ACTION ****

6. CONSENT CALENDAR OTHER ITEMS - ACTION

- A. Approval of the Minutes of the Board of Directors Meeting for February 13, 2024 (Copies have been submitted to each Director, any additions, corrections, or omissions) 21-3051

Attachments: 03122024 BOD 6A (02132024) Minutes

- B. Approve Committee Assignments

- C. Nomination and Election of nonofficer members of the Executive Committee for the remaining two-year term effective March 12, 2024 and ending at the January 2025 Board Meeting

7. CONSENT CALENDAR ITEMS - ACTION

- 7-1** Award a \$1,754,000 contract to Granite Construction Company for pavement rehabilitation at the F.E. Weymouth Water Treatment Plant; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA (EOT) **21-3079**
- Attachments:** 03122024 EOT 7-1 B-L
03122024 EOT 7-1 Presentation
- 7-2** Award a \$892,552 procurement contract to Whipps Inc. for the fabrication and delivery of three stainless steel slide gate assemblies for the East Lake Skinner Bypass channel; the General Manager has determined that the proposed action is exempt or not subject to CEQA (EOT) **21-3080**
- Attachments:** 03122024 EOT 7-2 B-L
03122024 EOT 7-2 Presentation
- 7-3** Award a \$1,779,174 procurement contract to Vogt Valves, Inc. for a 132-inch diameter butterfly valve to be installed at the Foothill Pump Station Intertie as part of water supply reliability improvements in the Rialto Pipeline service area; and authorize an increase of \$260,000 to an agreement with HDR Engineering Inc. for a new not-to-exceed amount of \$1,560,000 for design services; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA (This action is part of a series of projects that are being undertaken to improve the supply reliability for State Water Project dependent member agencies) (EOT) **21-3081**
- Attachments:** 03122024 EOT 7-3 B-L
03122024 EOT 7-3 Presentation
- 7-4** Authorize an increase of \$2,700,000 to an agreement with Tetra Tech Inc. for a new not-to-exceed total amount of \$3,350,000 for final design services for improvements to the Station Light and Power Electrical System at Iron Mountain Pumping Plant; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA (EOT) **21-3082**
- Attachments:** 03122024 EOT 7-4 B-L
03122024 EOT 7-4 Presentation

- 7-5** Amend the Capital Investment Plan for fiscal years 2022/23 and 2023/24 to include two projects: (1) Sepulveda Feeder Pump Stations Stage 2, and (2) Inglewood Lateral Improvements; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA (This action is part of a series of projects that are being undertaken to improve the supply reliability for State Water Project dependent member agencies.) (EOT) **21-3083**
- Attachments:** 03122024 EOT 7-5 B-L
03122024 EOT 7-5 Presentation
- 7-6** Authorize an increase of \$1.3 million to an existing agreement with Helix Environmental Planning Inc. for a new not to exceed amount of \$4.1 million to support the Pure Water Southern California Program environmental planning; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA (EOT) **21-3084**
- Attachments:** 03122024 EOT 7-6 B-L
03112024 EOT 7-6 Presentation
- 7-7** Authorize an increase of \$320,000 to a purchase order with Total Transportation Logistics Inc. for a new not-to-exceed total amount of \$540,000 for storage of filter valves for the F.E. Weymouth Water Treatment Plant; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA (EOT) **21-3085**
- Attachments:** 03122024 EOT 7-7 B-L
03122024 EOT 7-7 Presentation

- 7-8** Approve amendments to the Metropolitan Water District Administrative Code to provide an exempt time off benefit to unrepresented employees equivalent to the time off benefit provided to Metropolitan's management unit, create a new reproductive leave loss benefit as required by state law, conform personnel regulations for unrepresented employees to current practices and regulations; and authorize the General Manager to adjust unrepresented salaries to conform with the equity wage and cost-of-living adjustments provided to Metropolitan's management unit. The General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. [REVISED SUBJECT 3/8/2024] (LC) **21-3115**

Attachments: 03122024 LC 7-8 B-L
03122024 LC 7-8 Presentation

**** END OF CONSENT CALENDAR ITEMS ****

8. OTHER BOARD ITEMS - ACTION

- 8-1** Authorize a new agricultural lease agreement with Lemhi Land & Cattle LLC, thereby allowing this existing lessee to continue farming on Metropolitan's fee-owned property in the Sacramento-San Joaquin Delta; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA [Conference with real property negotiators; properties totaling approximately 3,007 gross acres in the area commonly known as Holland Tract, also identified as Contra Costa County Assessor Parcel Nos. 023040027; 023040026; 023050001; 023050002; 023070011; 023070012; 023090004; 023090003; 023080010; 023080011; 023100007; 023100008; 023090001; 023100002; 023100004; 023100001; agency negotiators: Anna Olvera, Kevin Webb, and Kieran Callanan; negotiating parties: Gino Torlai dba Lemhi Land & Cattle, LLC; under negotiation: price and terms; to be heard in closed session pursuant to Government Code Section 54956.8]. [REVISED SUBJECT 3/6/24] (FAM) **21-3117**

Attachments: 03122024 FAM 8-1 Presentation (revised)

9. BOARD INFORMATION ITEMS

- 9-1** Conservation Report **21-3058**
- Attachments:** 03122024 BOD 9-1 Report

- 9-2 Proposed biennial budget, which includes the Capital Investment Plan and revenue requirements for fiscal years 2024/25 and 2025/26; proposed water rates and charges for calendar years 2025 and 2026 to meet revenue requirements for fiscal years 2024/25 and 2025/26; ten-year forecast; and Cost of Service Report (Workshop #3) (FAM) 21-3118

Attachments: 03122024 FAM 9-2 Presentation

10. OTHER MATTERS

NONE

11. FOLLOW-UP ITEMS

NONE

12. FUTURE AGENDA ITEMS

13. ADJOURNMENT

NOTE: Each agenda item with a committee designation will be considered and a recommendation may be made by one or more committees prior to consideration and final action by the full Board of Directors. The committee designation appears in parenthesis at the end of the description of the agenda item, e.g. (EOT). Board agendas may be obtained on Metropolitan's Web site <https://mwdh2o.legistar.com/Calendar.aspx>

Writings relating to open session agenda items distributed to Directors less than 72 hours prior to a regular meeting are available for public inspection at Metropolitan's Headquarters Building and on Metropolitan's Web site <https://mwdh2o.legistar.com/Calendar.aspx>.

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 Board Executive Secretary in advance of the meeting to ensure availability of the requested service or accommodation.



DATE: March 19, 2024
TO: Board of Directors
FROM: Facilities and Operations

SUBJECT: Purchase of Chemical Dosing Trailer: Authorization

SUMMARY:

Staff is responsible for operation of the potable and recycled water distribution systems, and utilizes many different specialized tools to provide safe and reliable water service to customers. Due to the impacts of the Woolsey Fire and water conservation measures, detention times in potable water system have increased significantly. Longer detention times can degrade disinfectant residuals and lead to nitrification in the District's storage tanks. Nitrification is a microbial process where ammonia is converted to nitrite and nitrate, resulting in the undesirable loss of disinfectant residual.

The purchase of a residual control station (RCS) trailer will assist to achieve and maintain chloramine residuals in the District's water storage tanks. The RCS trailer would allow staff to continually monitor and maintain the chloramine residual in the storage tanks and, when necessary, raise disinfectant residual levels to meet State Water Resources Control Board, Division of Drinking Water (DDW) requirements. The trailer houses a custom-built system with patents for proprietary software to meet the DDW and District specifications. Due to the proprietary nature of the system, staff recommends waiving the competitive bidding requirements and authorizing the purchase of a Monoclor RCS trailer, in the amount of \$155,300.

RECOMMENDATION(S):

Waive the competitive bidding requirements and authorize the General Manager to issue a purchase order to PSI Water Technologies, Inc., in the amount of \$155,300, for one Monoclor Residual Control Station Trailer.

FISCAL IMPACT:

Yes

ITEM BUDGETED:

Yes

FINANCIAL IMPACT:

The cost of this action is \$155,300. Sufficient funds are available in the adopted Fiscal Year 2023-24 Budget.

DISCUSSION:

The goal for purchasing the Monoclor RCS trailer is to maintain proper disinfectant residual levels in storage tanks for the Latigo and Saddle Peak sub-systems. Due to lower water usage resulting from conservation and delays in rebuilding homes that burned in the Woolsey Fire, longer detention times can lead to the degradation of chloramine residual and nitrification in the District's water storage tanks. The Monoclor RCS trailer would allow staff to continuously monitor chloramine levels and automatically adjust chemical feed to maintain a 5:1 ratio of chlorine to ammonia. The Monoclor RCS trailer would raise and maintain disinfectant residual levels in storage tanks to meet DDW requirements. Staff would also have the ability to move the trailer to different location, as necessary.

Staff researched multiple options to purchase the trailer and identified two vendors that could meet the District's specifications. Staff requested quotes from the two companies. The first quote was from D & H Water Systems, in the amount of \$148,900. However, the system provided by D & H would not automatically maintain a 5:1 ratio of chlorine to ammonia. There would be programmable inputs to change the ratios under certain circumstances, but the system would not continuously adjust like the one from PSI Water Technologies. Additionally, the Monoclor RCS trailer from PSI Water Technologies carries three patents for its proprietary programming. As a result, staff recommends waiving the competitive bidding requirements and authorizing the purchase of a custom-built Monoclor RCS trailer from PSI Water Technologies, in the amount of \$155,300.

GOALS:

Construct, Manage and Maintain all Facilities and Provide Services to Assure System Reliability and Environmental Compatibility

Prepared by: Brett Vollmar, Senior Water Distribution Operator



DATE: March 19, 2024
TO: Board of Directors
FROM: Finance and Administration

SUBJECT: Workers Compensation Insurance: Award

SUMMARY:

Since at least 2012, the District has contracted with ACWA/JPIA for workers compensation insurance. Consistent with the District’s Purchasing Policy, staff utilized the District’s insurance broker, Assured Partners, to solicit proposals on the open market to compare with the current policy provided by ACWA/JPIA. Based on the results of the solicitation, staff recommends accepting the proposal from The Zenith, A Fairfax Company (Zenith), in the amount of \$205,589, to provide workers compensation insurance through the California Association of Mutual Water Companies (CalMutuals) Joint Powers Risk and Insurance Management Authority (JPRIMA).

RECOMMENDATION(S):

Accept the proposal from The Zenith, A Fairfax Company, and authorize the General Manager to execute a one-year agreement, in the amount of \$205,589, with four one-year renewal options for workers compensation insurance provided through the California Association of Mutual Water Companies Joint Powers Risk and Insurance Management Authority.

FISCAL IMPACT:

Yes

ITEM BUDGETED:

Yes

FINANCIAL IMPACT:

The first year’s cost is \$205,589, which is 27 percent lower than the current cost of workers compensation insurance provided by ACWA/JPIA.

DISCUSSION:

Workers compensation insurance provides coverage for employees injured on the job. The

District is required by state law to provide workers compensation insurance. Consistent with the District's Purchasing Policies, staff sought quotes on the open market through the District's insurance broker, Assured Partners, to compare available plans with that currently provided by ACWA/JPIA. Quotes were requested from Zenith (JPRIMA), Berkshire Hathaway and Insurance Companies of the West. Based on the responses to the solicitation, staff recommends accepting the proposal from Zenith for workers compensation insurance.

The District currently contracts with JPRIMA for its liability insurance. JPRIMA has complied with all the terms of the contracts with the District and has been timely in resolving any claims that are tendered to them. JPRIMA provides worker compensation insurance through Zenith. Zenith offers a comprehensive, proactive program that includes industry-specific training and materials, site inspections, and a workers compensation management and employee portal that will better enable staff to manage claims. The program includes an in-house claims determination team that is based in Woodland Hills to review and assign values to all claims submitted. Zenith's proactive claims management process has a record of reducing overall workers compensation program cost. The Zenith program is a guaranteed premium program with potential dividends.

Attached for reference is more detailed information regarding the proposed program by Zenith.

GOALS:

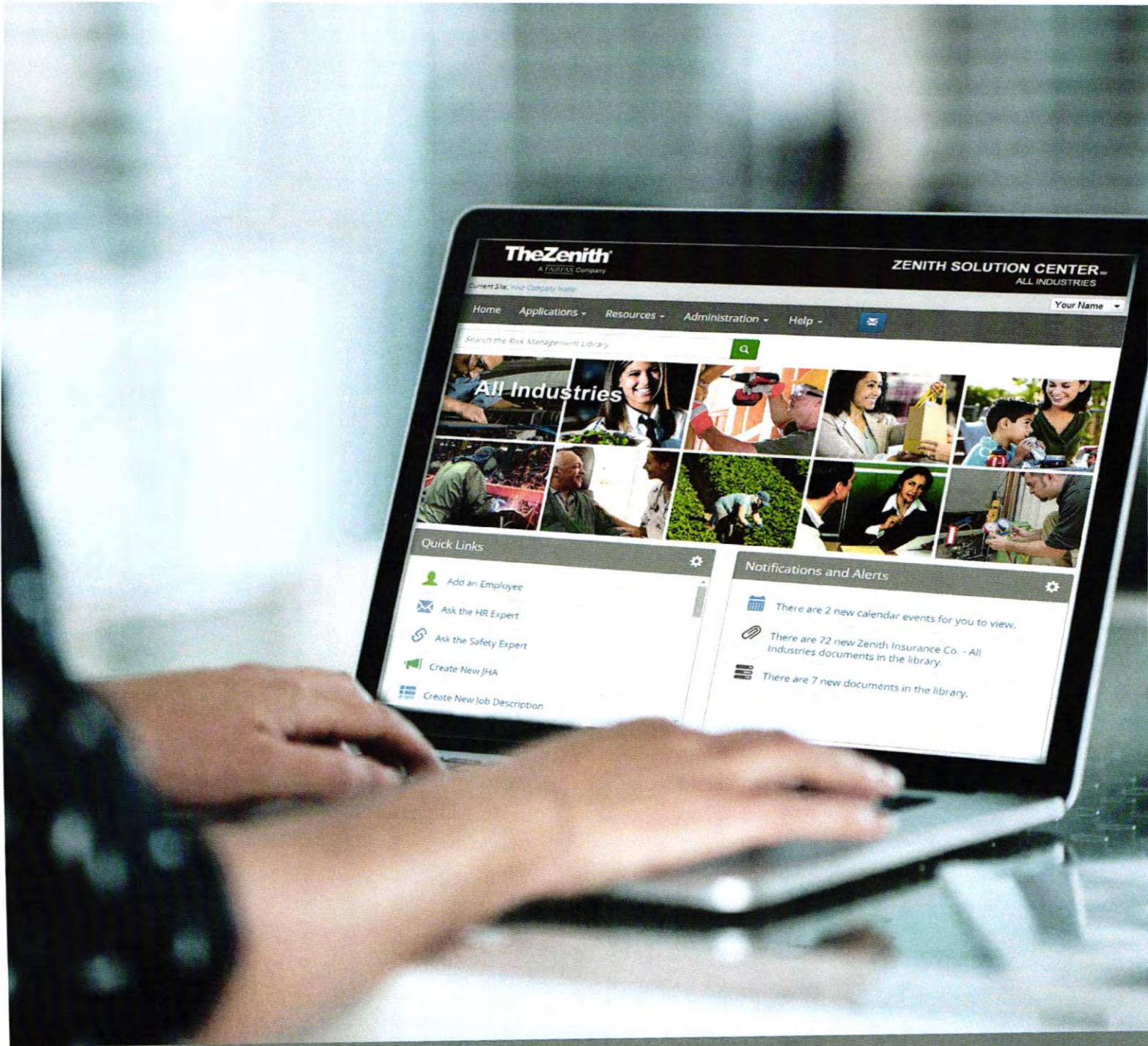
Assure a Quality, Continually Improving Workforce

Prepared by: Donald Patterson, Director of Finance and Administration

ATTACHMENTS:

[Proposal by Zenith for Workers Compensation Insurance](#)

DO MORE FOR YOUR BUSINESS ZENITH SOLUTION CENTER[®]



24/7 ACCESS TO VALUABLE TOOLS AND RESOURCES

Business Tools and Resources

Your business is unique and when it comes to your operational needs, we know one size doesn't fit all. Zenith Solution Center is our web-based suite of policyholder tools and resources that provides comprehensive risk management and safety resources specific to your industry, as well as training programs, compliance tools, HR management best practices, and more. Zenith Solution Center is available with no additional cost to help you automate critical tasks and keep your employees safe and informed.



APPLICATIONS

Schedule and Manage Employee Training

Schedule, conduct, track, and document employee training. Take advantage of a comprehensive online curriculum with hundreds of workplace safety, health, and compliance training titles. You'll also find lessons to support new hire orientations, supervisor skills development, and state-mandated anti-harassment training.

Manage Inspections and Audits

Create, assign, conduct, track, and report customized safety, quality, or compliance inspections and audits. You can even upload pictures, add comments, and communicate corrective action status.

Create Job Hazard Analyses and Safety Observation Checklists

Build Job Hazard Analyses (JHAs) using a pre-loaded library to identify existing and potential hazards, conduct safety observations, and develop custom training programs particular to hazards in your business.

Certificate of Insurance Management

Stay current with this important process by proactively requesting, collecting, and reporting on certificates of insurance.

Incident Tracking, Analysis, and Recordkeeping

Track, document, and analyze all types of workplace incidents and near misses. This tool also allows you to generate automated incident reports, analyze trends, and generate your OSHA Log of Work-Related Injuries and Illnesses.

Build Job Descriptions and Create Transitional Duty Assignments

Strengthen new employee selection and placement with job descriptions that clearly communicate employee responsibilities, performance expectations, and safety requirements. Modified and transitional duty job descriptions can also be created to support your return-to-work program.

Manage Safety Data Sheets

Organize, give access to, and keep current with Safety Data Sheet (SDS) requirements.

RESOURCES

Risk Management Library®

Zenith Solution Center puts thousands of risk management, safety, and HR best practice resources at your fingertips. The library includes industry-specific policies, procedures, videos, training programs, posters, stickers, quizzes, checklists, newsletters, and sample programs to help you reduce risk and ensure employees stay safe. Most documents are available in English and Spanish and are downloadable, printable, and customizable. After customizing, you can store documents for quick access via a 'My Content' feature.

HR & Benefits Library™

Find valuable information on critical HR topics, such as federal and state labor laws, recruiting and hiring, employee benefits, and resignation and termination. Take advantage of sample forms and policies, employment law resources, HR productivity tools and guidelines, news alerts, and training videos for common HR issues.

Learn Through Zenith University

In addition to online resources, Zenith Solution Center offers access to over 100 live seminars and webinars to help you and your employees cultivate a safe and healthy workplace and stay productive. These free trainings are led by industry experts and are based on regulations and industry best practices.



Get Expert HR and Safety Advice

Ask the HR Expert

Connect with certified human resources professionals for best practices guidance and answers to your important HR-related questions. Call using the toll-free number or submit questions through an online form in Zenith Solution Center. Information is designed to offer general guidance concerning risk compliance and certain employment-related issues.

Ask the Safety Expert

Get free access to professional risk control advice on topics like workplace safety, health, claims, and return to work. Submit your questions through an online form in Zenith Solution Center and receive responses from in-house Zenith experts.



Industry-Specific Materials

Zenith Solution Center has tools and resources designed for your specific industry. Select your industry to quickly access information that aligns with your business.



Industries

- All Industries
- Agriculture
- Auto Sales and Service
- Construction
- Education, Community and Social Assistance Services
- Healthcare and Senior Living
- Hospitality, Restaurants and Leisure
- Manufacturing and Distribution
- Professional and Technical Services
- Property Management
- Retail
- Water Systems

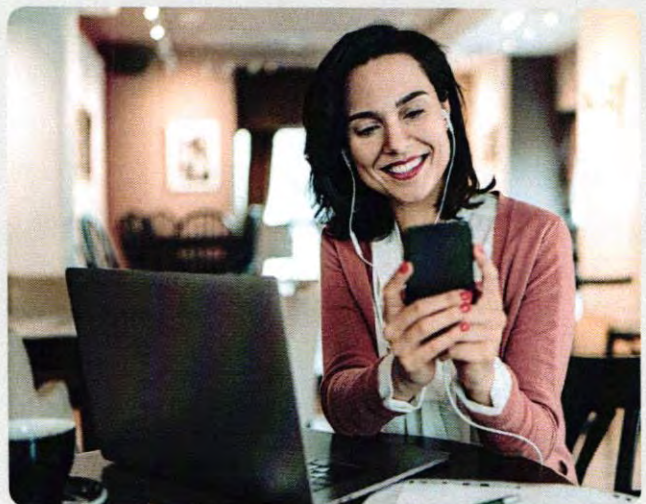
Getting Access to Zenith Solution Center

Zenith Solution Center is available at no cost for current Zenith policyholders.

To learn more or sign up:

Visit [TheZenith.com](https://www.TheZenith.com) and scroll down to Zenith Solution Center.

You can also contact us at 800-440-5020 or email ecommerce@thezenith.com.





When You Buy, Know What's Important

TheZenith[®]

WORKERS' COMPENSATION SPECIALISTS

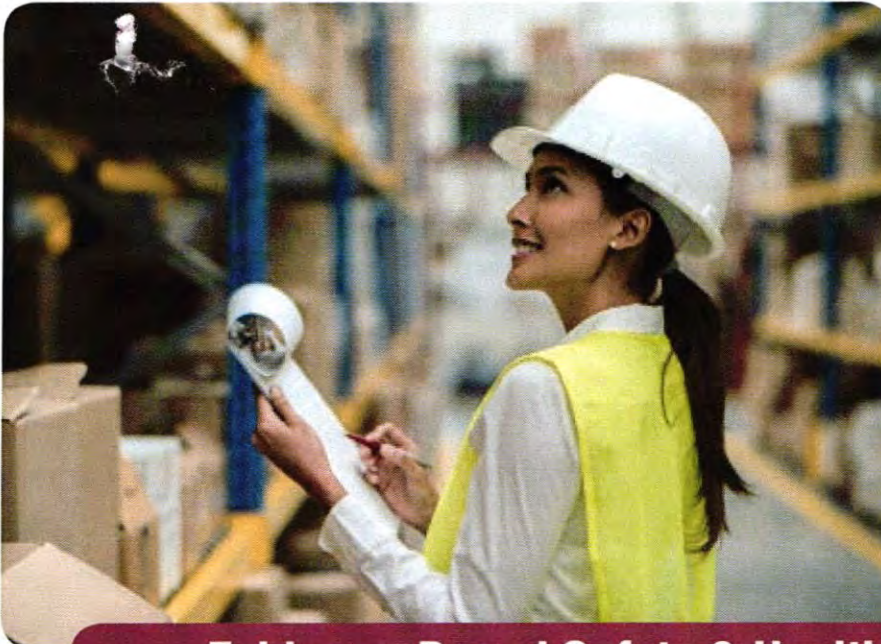
9 QUESTIONS YOU NEED TO ASK WHEN BUYING WORKERS' COMPENSATION

- 1 What is the authority level of the claims examiner and why does it matter?
- 2 How are claims settlement amounts determined? With what resources?
- 3 How does the carrier handle claims defense? Are resources in-house or external?
- 4 Is bill review handled internally? What resources are available and what do they do to help manage claims? Does everyone handle bill review the same?
- 5 Does the carrier have an in-house pharmacist, a custom formulary, and/or a pharmacy network?
- 6 What is the depth and role of the medical management professionals?
- 7 Does the carrier have a customized or broad-based Medical Provider Network (MPN)? How is it constructed? What is its focus?
- 8 Is the Special Investigation Unit embedded in the claims and legal team to identify and pursue fraud?
- 9 How is safety and loss control assistance allocated to accounts?

WHY THESE ANSWERS ARE IMPORTANT

A premium isn't all you pay when it comes to protecting your greatest asset – your people. Being covered by a “bargain” insurance provider can prove to be a costly decision that results in more injuries, claims staying open longer and costing more, increased employee suffering, and a bigger impact on your productivity.

1. The higher the examiner's authority level - often considered a badge of honor - the less likely they will consistently engage other resources, experts, and management on files and the greater the likelihood of less than optimum outcomes. Our structured, collaborative model drives better, more consistent decisions, promotes learning, and perpetuates a culture of continual improvement.
2. The standard practice in the industry is that claims are managed by the examiner and any available resources are brought in based solely on the examiner's judgment. However, this limits the diverse and deep dialogue a high-touch collaborative staffing model delivers. Our settlement committee is staffed in-house with the claims examiner, nurses, a doctor, in-house legal, a fraud investigator, and other claims professionals as needed such as medical bill review, an MSA specialist, and a pharmacist, among others.
3. We staff litigated claim cases with in-house staff counsel to ensure alignment in achieving the best outcome, and legal experts are fully available to our claims team. Outside counsel models can restrict access to these resources and are often more costly if the outside law firms are driven by billable hours.
4. Our in-house bill review resources specialize and customize their work to achieve the lowest cost for appropriate care. They deploy quick-pay negotiations and validate billed charges based on what it should cost. Other carriers often don't have the capabilities required to go beyond the basics of adjusting to the fee schedule and eliminating obvious duplicate billings.
5. As drugs become a larger component of the overall cost of care, a pharmacist, a custom formulary, and active management of prescribed medications are vital to achieving the best outcomes. By consulting with doctors, our pharmacist oversees drug usage and reduces unnecessary compounds and costly physician dispensing.
6. Medical is the primary cost driver of Workers' Compensation. Our hands-on experts engage with medical professionals and our claims staff to optimize the provision of medical care. Our diverse range of specialists are actively involved in coordinating value-based care, from the first report of injury, to settlement, to anticipating and managing future medical care and costs.
7. Broad-based MPNs mean that any doctor that is contracted with the network is available, including those that may prolong patient recovery, delay return to work, align with applicant attorneys, and not follow evidence-based practices. Our medical network team collects and analyzes information about doctors' care of injured employees and customizes our network to limit it as much as possible to those providers who will provide the necessary care to the injured employee. This approach protects the injured employee and helps reduce your medical costs.
8. There is a difference between the relentless pursuits of an in-house SIU team embedded with claims and legal versus a vended “resource” that may only be reactive and not proactive.
9. Evidence-based consulting that systematically targets the most significant employee injury exposures achieves quicker and more meaningful changes to improve workplace safety than traditional safety inspection and safety training services. Our team is involved at a much lower premium threshold than many of our competitors and offers customized service with no maximum number of visits – all at no additional charge to the customer.



Evidence-Based Safety & Health Intervention

TheZenith[®]

WORKERS' COMPENSATION SPECIALISTS


At Zenith Insurance Company, we understand a safe work environment is important for you, your employees, and your operation. That's why we focus on helping you create a culture of safety that can decrease employee injuries, so you can focus on running your business.

Conventional approaches to workplace safety that stress general inspections, safety audits, and/or safety program development can fail when efforts don't target key work hazards and injury exposures. Our evidence-based safety and health approach is different. We focus on the employee injuries and illness exposures most likely to impact your bottom line. As a result, your workers' compensation costs can be reduced quicker than conventional safety inspections, audits, and program-based approaches.

We believe safety intervention is a problem-solving process that requires problem-solving techniques which emphasize resource prioritization and problem definition. Evidence-based safety and health intervention consists of four well-defined process steps.

- 1. Preliminary Problem Definition**
- 2. Root Cause Confirmation**
- 3. Solution Development and Implementation**
- 4. Measurement**

Preliminary Problem Definition and Root Cause Confirmation are most important to safety improvement and workers' compensation cost reduction.



Our Safety & Health Consultants assist you in controlling employee injuries and illnesses, productivity disruption, and costs by focusing on your most significant workers' compensation claim exposures and cost-saving opportunities.

Preliminary Problem Definition

During this first step we collect, review, and analyze your prior employee injury and illness claims. We identify tasks, locations, accident/injury types, departments, processes, equipment, shifts, etc. that should receive safety and health attention. This information helps us focus on critical hazards and activities that have led to, or could lead to, employee injury and economic loss.

Root Cause Confirmation

In this second step, emphasis is placed on defining injury cause-and-effect relationships. Since problems must be clearly defined before they can be resolved, completing this step is the only way to address underlying root causes. This seems fundamental, however this critical step isn't always given proper emphasis in conventional safety and health approaches.

General inspection, audit, and safety program approaches typically don't address root causes because they stop at accident or injury categories (e.g., strains and sprains, motor vehicle accidents, falls, back injuries, etc.). While these approaches may help, they don't often lead to the most effective solutions since injury causes haven't been defined.

After completing root cause confirmation through research, observation, interviews, and other problem solving actions, we'll help you understand specifically why past injuries occurred and work with you to develop effective solutions.

Conclusion

Our Safety & Health Consultants assist you in controlling employee injuries and illnesses, productivity disruption, and costs by focusing on your most significant workers' compensation claim exposures and cost-saving opportunities. Our evidence-based safety and health services can achieve greater financial impact in a quicker time-frame.

**All services and materials are offered at no additional cost.
For more information, contact your local Safety & Health Consultant, visit our website at
TheZenith.com, or call 800-440-5020.**

Zenith Insurance Company (Zenith) assists employers in evaluating workplace safety exposures. Surveys and related services may not reveal every hazard, exposure and/or violation of safety practices. Inspections by Zenith do not result in any warranty that the workplace, operations, machinery, appliances or equipment are safe or in compliance with applicable regulations. Any recommendations and related services are not and should not be construed as legal advice or be used as a substitute for legal advice. Employee protection is ultimately the responsibility of the employer. Policy coverage is not contingent upon the provision, efficacy or sufficiency of these services.

TheZenith
WORKERS' COMPENSATION SPECIALISTS

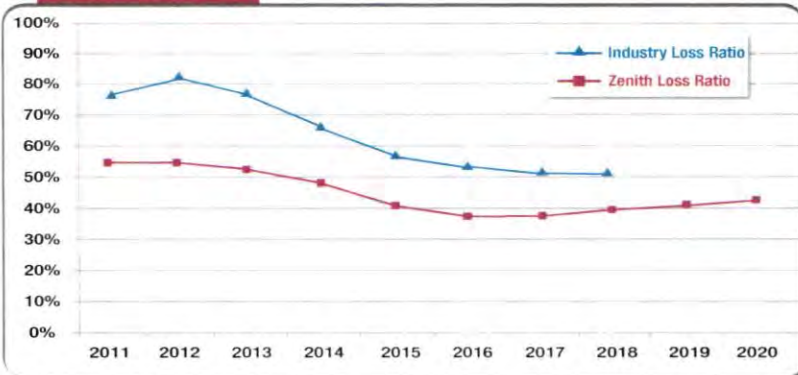
INVEST IN THE BEST

TheZenith Difference Power of Collaboration

TheZenith®

A FAIRFAX Company

Loss Ratio Impact



Source: WCIRB Quarterly Experience Report As of March 31, 2020
Source: Zenith Insurance Company as of 9/30/2020 – Accident Year Loss Ratios

ZENITH'S QUANTIFIABLE VALUE

For more than 30 years, Zenith has significantly outperformed the industry by 20 – 30% on loss ratio

SAFETY & HEALTH FOCUS



- Service guideline of \$70k+ in annual premium
- Service hours based on need, rather than premium size
- Customized service plans



- Zenith's evidence-based safety and health consultation focuses on the most significant hazards and cost-saving opportunities.

FOCUS ON CLAIMS COST REDUCTION



- **Medical Bill Review Results:** 78% total savings on medical bills nationally
- We review 100% of submitted bills



- **Closing rate:** 92-95% of claims closed in 24 months



- **Drug cost:** annual average reduced 35%
- 89% decrease in amount paid for opioids
- Generic drugs dispensed 95% of the time



- **Teamwork:** examiners, nurses, attorneys, physicians, and specialists engaged
- **Denials:** in-house legal review *prior* to issuing



- **Early return to work success rate:** 75-80% within 90 days (80-85% overall)



- **Fraud investigations:** Zenith reviews 100% of lost-time claims for red flags of fraud or abuse. Arrest or conviction every six days on average

ZENITH ONLINE RESOURCES

- MyZenithSM
- Zenith Solution Center[®]
- Zenith Connect[®], a mobile app for injured employees
- Claims Alerts option for customers
- Claims and Billing Summary Report
- Flexible Payment Options; Pay Go; Zenith Payroll Reporting

VENDOR DISCOUNTS

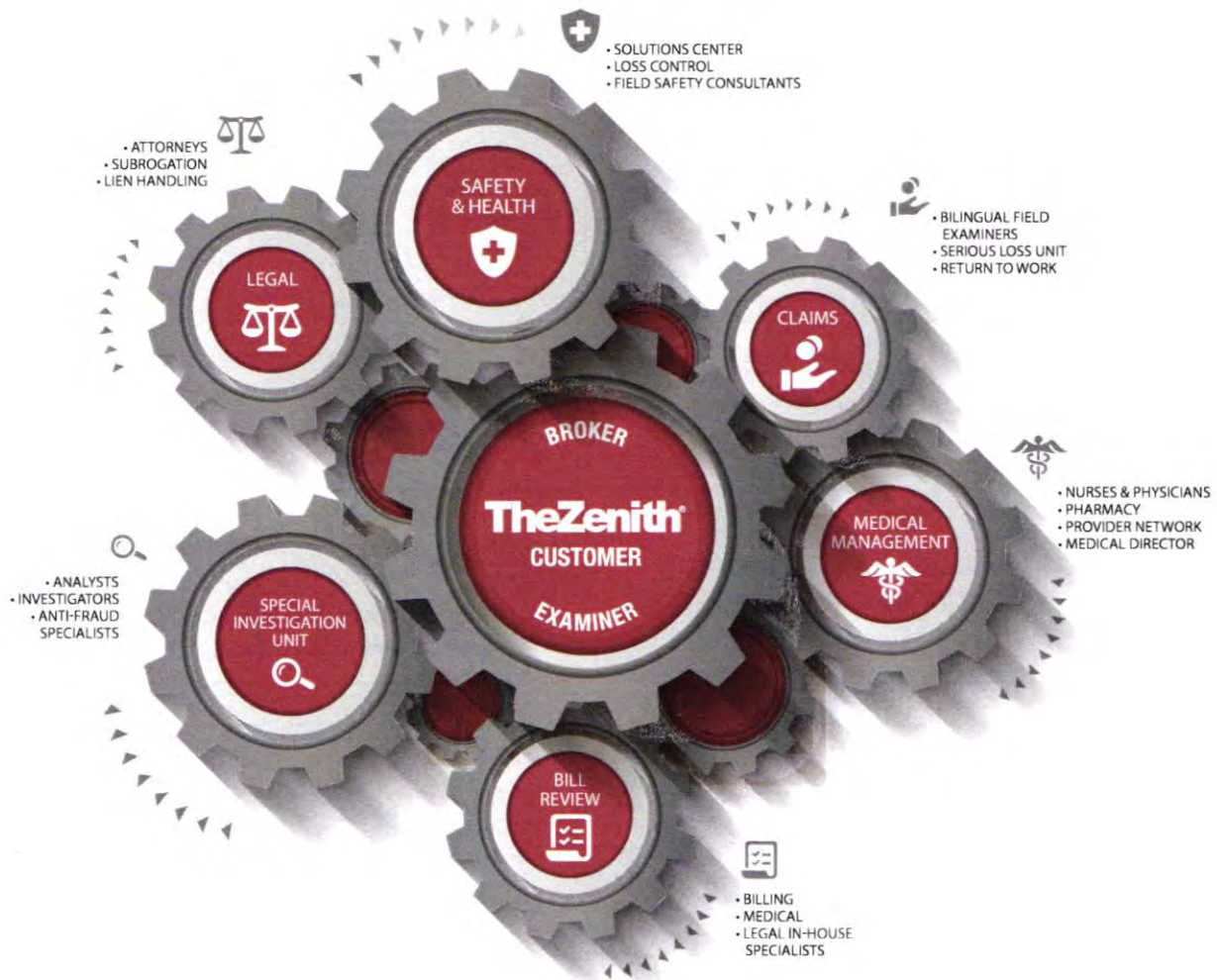


To the extent the information contained herein is based on data from outside sources, Zenith believes, but does not warrant, such data to be accurate or complete. Past results, including savings, do not guarantee future performance. Employee protection is ultimately the responsibility of the employer. Policy coverage is not contingent upon the provision, efficacy, or sufficiency of any Zenith services.

How Do We Do It?

CLAIMS COST REDUCTION	
Medical Savings	<ul style="list-style-type: none"> In-house Bill Review team (certified coders, attorneys, nurses, medical audit team) \$10k+ bills are reviewed by Zenith Bill Review executive Preferred primary and ancillary providers Customized panels/providers list
Drug Cost Reduction	<ul style="list-style-type: none"> In-house pharmacist Drug oversight – claims examiners work with providers to prescribe cost-effective options Educate claims examiners and nurses
Early Return to Work Success Rate	<ul style="list-style-type: none"> Pre-and-post injury early return-to-work program support
Claims Closed	<ul style="list-style-type: none"> Prompt resolution through collaboration
In-House Resources	<ul style="list-style-type: none"> Weekly roundtables Focus on optimal outcomes and cost minimization: communication strategies, treatment guidance, medical staffings, compensability decisions, complex legal strategies

TheZenith Difference



KEEPING YOU CONNECTED TO YOUR IMPORTANT CLAIM INFORMATION



Use Zenith Connect®, a mobile app for injured employees, for easy access to vital claim information. With it, you can access:

MY CLAIM

Find all details about your claim including payment and contact information.

APPOINTMENTS

Check and track upcoming medical appointments.

MILEAGE

REIMBURSEMENT

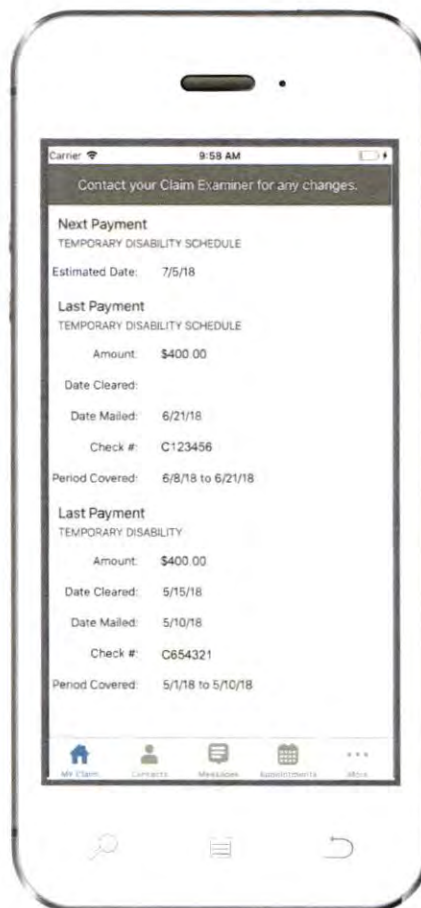
Submit mileage reimbursement requests (in applicable states) to speed up reimbursement process.

HEALTH CORNER

Resources to help you heal and get back to living your life, including health articles and videos.

DOCUMENT UPLOAD

Upload and submit important documents using the camera on your mobile device.



MESSAGES

View text messages sent to or received from your Zenith claims examiner. They'll respond to your messages within one business day.

CONTACTS

Call your examiner, request a call back, or send a secure text message. You can find your doctor's contact information, tap the link to call them, or get directions to their office.

SETTINGS

Adjust language settings to English or Spanish, change your user name, or view information about Zenith Connect.

AVAILABLE AT:



NEED HELP? Call Customer Service at 800-440-5020

Zenith Insurance Company/ZNAT Insurance Company Corporate Office: 21255 Califa Street, Woodland Hills, CA 91367. ©2023 Zenith Insurance Company. All Rights Reserved. ®Zenith, TheZenith, Zenith Connect, and TheZenith.com are registered US service marks. WC-ZCTIE 0823

MANTÉNGASE CONECTADO A LA INFORMACIÓN IMPORTANTE SOBRE SU RECLAMACIÓN

Use Zenith Connect®, una aplicación móvil para empleados lesionados, para acceder fácilmente a información vital de reclamos. Con ella, puede acceder a:



MI RECLAMACIÓN

Encuentre todos los detalles de su reclamo, incluyendo sus pagos y la información de contacto.

CITAS

Verifique y rastree sus próximas citas médicas.

REEMBOLSO DE MILLAS

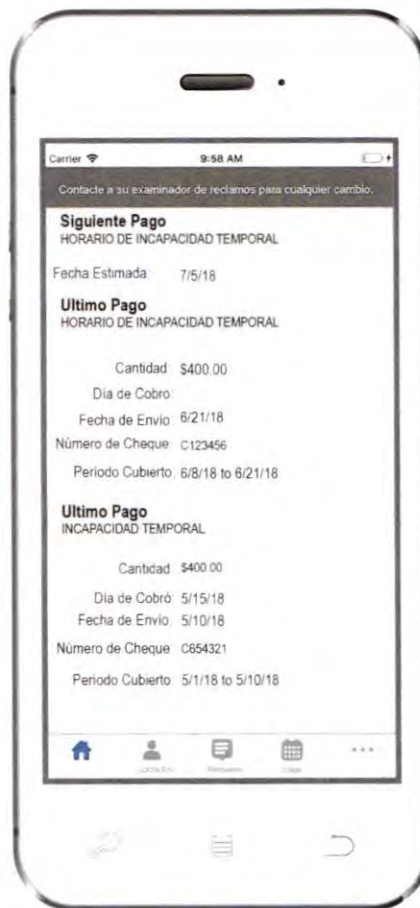
Envíe solicitudes de reembolso de millas (en los estados correspondientes) para acelerar el proceso de reembolso.

RINCÓN DE SALUD

Recursos para ayudarlo a sanar y volver a vivir su vida, incluyendo artículos y videos sobre la salud.

SUBIR DOCUMENTOS

Cargue y envíe documentos importantes utilizando la cámara en su dispositivo móvil.



MENSAJES

Vea los mensajes de texto que haya enviado o recibido de su examinador de reclamaciones de Zenith. Su examinador de reclamaciones responderá a sus mensajes dentro de un día hábil.

CONTACTOS

Llame a su examinador, solicite una llamada o envíeles un mensaje de texto seguro. También encontrará la información de contacto de su médico, y puede tocar el enlace para llamarlos u obtener indicaciones para llegar a su oficina.

AJUSTES

Ajuste la configuración de idioma a inglés o español, cambie su nombre de usuario o vea información sobre Zenith Connect.

DISPONIBLE EN:



¿NECESITA AYUDA? Llame a Servicio al Cliente al 800-440-5020

**Las Virgenes Municipal Water District
Clinic List**

Shafik, Mark, MD

Exer Urgent Care

Family Practice

Scheduling: (818) 880-2225

26777 Agoura Rd

Calabasas, CA 91302-2967

0.4 miles away

Spelts, Richard, DO

Ucla Integrated Provider Network

Ucla Medical Group

Family Practice

Scheduling: (805) 497-7015

30870 Russell Ranch Rd

Westlake Village, CA 91362-7347

5.99 miles away

Kaiser Permanente On-The-Job

Kaiser Permanente

Occupational Medical Clinic

Scheduling: (818) 719-3006

5601 De Soto Ave, Northside MOB, Entrance #10, 1st Floor

Woodland Hills, CA 91367

6.91 miles away

Concentra Medical Center

Occupational Medical Clinic

Scheduling: (818) 882-8100

9700 De Soto Ave

Chatsworth, CA 91311-4409

10.01 miles away

WORKERS' COMPENSATION ClaimPRO ADVOCATES





LET OUR ANALYSTS BE YOUR ADVOCATES!

Your ability to secure a favorable workers' compensation program hinges on the answers to a handful of questions:

1. Is your workplace safety and injury prevention program effective?
2. Are your claim reserves valued accurately and appropriately?
3. Is your experience modification as low as possible?
4. Do you know your new experience modification in advance of your renewal date?
5. Are your business operations classified correctly?
6. Are you ready for Performance-Based Insurance Solutions?

knowledge to navigate the system; helping you reduce your risk, eliminate surplus reserves, and improve your experience rating.



TOLMAN & WIKER'S Workers' Compensation professionals address all of these issues to help you lower your total cost of risk. We work every day to protect your interests by providing risk advice, safety and loss control resources, and timely claims advocacy and analysis to keep you financially fit for the long haul.

Our team of experts use their experience and knowledge to help you and your employees navigate the system, helping to reduce your risk, eliminate surplus reserves, and position you to benefit from Performance Based Insurance Solutions.

Susan Smith

WC Claims Department Manager
Direct (805) 585-6189
spsmith@tolmanandwiker.com



Lisa Woolley

Sr. WC Claims Analyst
Direct (805) 585-6153
lwoolley@tolmanandwiker.com



Melissa Nieves

WC Claims Account Representative
Direct (805) 585-6158
mnieves@tolmanandwiker.com



TOLMAN | WIKER

INNOVATIVE RISK ADVICE SINCE 1923

OUR WORKERS' COMPENSATION ClaimPRO SERVICES

- We conduct timely claim reviews with employers and their insurance companies.
- We evaluate outstanding claims before the unit statistical filing to reduce and eliminate unnecessary open reserve and optimize your experience modification.
- We prepare an early estimate of your experience modification factor so you can forecast insurance expenses.
- We provide handouts to help with avoiding litigation, choosing an industrial clinic, ADA- FEHA interactive process, and getting more out of your claims professional.
- We consult on claims issues and strategies as situations arise.
- We evaluate published experience modifications to eliminate errors and catch opportunities for revisions.
- We evaluate and troubleshoot open claims throughout the year to help reduce loss ratios.
- We can provide a "Return to Work" program, a Supervisor's Claim Guide, and guidance with subpoenas for your personnel file.



ENERGY

HEALTHCARE

HOSPITALITY

MANUFACTURING

OIL & GAS



Proper prevention of claims, and efficient and prompt handling of claims that occur, are critically important to our clients ability to control their cost of Workers' Compensation risk.

We are committed to minimizing losses by being aggressive advocates on your behalf, and we believe our responsibilities are fulfilled only when claims are properly resolved.

Industry Specialties:

- Agribusiness
- Aviation
- Biotech/Life Sciences
- Construction
- Education
- Energy
- Food Service
- Healthcare
- Hospitality
- Non-Profits & Social Services
- Oil and Gas
- Property Owners
- Security Guards and Alarm Companies
- Transportation
- Technology

TOLMAN | WIKER

INNOVATIVE RISK ADVICE SINCE 1923

Tolman & Wiker Insurance Services is one of the largest, privately held independent insurance brokerages in California, and is now a partner agency of AssuredPartners, one of the largest and most capable insurance brokerages in the United States. With offices in Ventura, Los Angeles, Santa Maria, Bakersfield, Salinas, and Westlake Village, the Tolman & Wiker team brings our clients best-in-class Risk Management and Employee Benefits capabilities, through our laser-focused local and regional service teams.

With origins dating back to 1923 in Ventura, California, **Tolman & Wiker** now has over 160 employees who place our clients' priorities at the center of everything we do. Our leading-edge approach to providing proactive risk advice and proprietary resources allows us to serve clients throughout the U.S. and global insurance marketplace.

Our team combines extensive industry knowledge and market specialization for clients in virtually every industry sector of the marketplace, including large publicly traded companies with operations, personnel, and risk exposures around the globe. Our size and depth gives our clients access to best-in-class resources and expertise they need for world-class risk management and benefits consulting. Throughout our history, Tolman & Wiker has continually adapted to the changing business environment with innovation and excellence.

Tolman & Wiker is deeply committed to the communities we serve. Many of our team members volunteer for causes that benefit disadvantaged and under-served segments of the community, offering our time and treasure to many nonprofit organizations, as well as organizations that promote the area's economic vitality.

With this legacy of leadership, autonomy, and client-centric service, **Tolman & Wiker** has successfully merged tradition with innovation, and stability with entrepreneurship, all for the benefit of our clients. In doing so, we've become a market leader and an employer of choice, providing our clients with unsurpassed risk advice, superior solutions, and peace of mind.



To learn more, visit us at: www.tolmanandwiker.com

BAKERSFIELD

(661) 616-4700 Office

(661) 616-4500 Fax

5001 California Avenue,
Suite 150
Bakersfield, CA 93309

SALINAS

(831) 771-3620 Office

(831) 771-3640 Fax

Westlake Village

31416 Agoura Road, Suite 100
Westlake Village, CA 91361
(805) 585-6100

SANTA MARIA

(805) 922-7301 Office

(805) 925-2370 Fax

1525 E Main Street
Santa Maria, CA 93454
P. O. Box 1099
Santa Maria, CA 93456

VENTURA

(805) 585-6100 Office

(805) 585-6200 Fax

196 South Fir Street
Ventura, CA 93001
P. O. Box 1388
Ventura, CA 93002-1388

Commercial Property & Casualty | Risk Management | Employee Benefits | Financial Services | Surety Bonds

© COPYRIGHT 2013 - 2019 TOLMAN & WIKER INSURANCE SERVICES, LLC. ALL RIGHTS RESERVED • CDI LICENSE # 0E52073

UNIT STATISTICAL REVIEW RESULTS

Prepared for:
Sample Company, Inc.

RESERVE SAVINGS

Attn: Mr. Sample
 175 Sample Ave.
 Sample, CA 93003

Values for original
 incurred are taken from
 loss run valued:

09/12/20

All values exclude expense
 and any loss conversion
 factor. During our 90-day
 claim review process, some
 claim values may increase
 due to the natural
 progression of the claim.

Name	Claim Number	Year	Total Original Incurred	Adjusted Incurred	Reserve Savings	Current Status
06/24/19-20						
Travelers						
Employee C	XXX8962	2019	\$ 2,185	\$ 1,867	\$ 318	Closed
Employee E	XXX9465	2019	\$ 1,311	\$ 1,093	\$ 218	Closed
Employee D	XXX8981	2019	\$ 874	\$ 752	\$ 122	Closed
06/24/18-19						
Travelers						
Employee F	XXX4872	2018	\$ 85,197	\$ 82,756	\$ 2,441	Open
06/24/17-18						
Travelers						
NO OPEN		2017				

TOTAL RESERVE SAVINGS: **\$ 3,099**

CURRENT MOD

94%

2021 MOD PROJECTION

90%

MOD PROJECTION (with no Reserve Savings)

91%

CLIENT'S PRIMARY THRESHOLD

\$24,000

Part of our Workers' Compensation service is to review the status of your Workers' Compensation claims before they are sent to the State Bureau for experience rating. Our goal is to reduce claim reserves when possible in order to minimize their effect on your experience modification.

Experience Rating Analysis



	2016	2017	2018	2019		
	06/24/16-17	06/24/17-18	06/24/18-19	06/24/19-20		
Payroll	\$ 9,552,047	\$ 10,265,190	\$ 11,163,689		= \$30,980,926	06/24/20-21 Experience Modification 94%
Claims	\$ 4,743	\$ 45,740	\$ 67,646			
*Actual Primary Losses	\$ 3,243	\$ 27,288	\$ 25,598		= \$56,129	
Payroll		\$ 10,265,190	\$ 11,163,689	\$ 13,247,756	= \$34,676,635	06/24/21-22 Experience Modification 90%
Claims		\$ 45,117	\$ 84,104	\$ 5,678		
*Actual Primary Losses		\$ 26,288	\$ 24,598	\$ 4,428	= \$55,314	
Net Payroll Change					+ \$3,695,709	
Net Actual Primary Losses Change	-\$1,000		-\$1,000		-\$815	

*Actual primary losses represent the more predictable and controllable portion of a claim. Actual Primary Losses are your losses reported up to your Primary Threshold. Any claim value over your Primary Threshold is no longer included in the calculation of your experience modification.



Important Notes:

Update on claims sent on the following dates:

- 01/29/20
- 08/04/20
- 11/04/20

Covid-19 reporting information for Travelers emailed on 10/12/20.



Tolman & Wiker's workers' compensation professionals work every day to protect your interests by providing risk advice, safety and loss control resources, and timely claims advocacy and analysis to keep you financially fit for the long haul.

Our team of experts use their experience and knowledge to help you and your employees navigate the system, helping to reduce your risk, eliminate surplus reserves, and position you to benefit from Performance Based Insurance Solutions.

T&W Contact:

Susan Smith
WC Claims Department Manager
(805)585-6189
spsmith@tolmanandwiker.com

Melisa Nieves
WC Claims Account Representative
(805)585-6158
mnieves@tolmanandwiker.com



Without Tolman & Wiker Review Work

Experience Rating Worksheet

										Projected	Rating Date: 06/24/2021	Experience Period: 09/24/2016 to 09/24/2019	X-Mod: 91
--	--	--	--	--	--	--	--	--	--	-----------	-------------------------	---	-----------

Class Code	Payroll	Expected Loss Rate	Expected Losses	D-Ratio	Expected Primary Losses	Expected Excess Losses	Claim Number-Name	Injury Type/# of Claims	Open/Closed	Actual Losses	Contrib Points	Actual Primary Losses
Insurer Code: 697 Insurer Name: Travelers Property Casualty Company of America Policy Period: 6/24/2019 To 6/24/2020 EAP:												
4611	7,440,674	0.61	45,388	0.463	21,015	24,373	3939 Employee A	06	Closed	514	0.18	264
8742	784,268	0.17	1,333	0.446	595	738	5535 Employee B	06	Closed	1,452	0.83	1,202
8810	4,688,210	0.12	5,626	0.494	2,779	2,847	8962 Employee C	06	Open	2,185	1.33	1,935
9079	334,604	1.37	4,584	0.559	2,562	2,022	8981 Employee D	06	Open	874	0.43	624
	0						9465 Employee E	06	Open	1,311	0.73	1,061
Totals	13,247,756		56,931		26,951	29,980	Totals	5		6,336	3.50	5,086

Insurer Code: 697 Insurer Name: Travelers Property Casualty Company of America Policy Period: 6/24/2018 To 6/24/2019 EAP:												
4611	5,592,576	0.61	34,115	0.463	15,795	18,320	4872 Employee F	04	Open	85,197	16.31	23,750
8742	672,920	0.17	1,144	0.446	510	634	6069 Employee G	06	Closed	683	0.30	433
8810	4,473,277	0.12	5,368	0.494	2,652	2,716	9136 Employee H	06	Closed	665	0.29	415
9079	424,916	1.37	5,821	0.559	3,254	2,567						
	0											
Totals	11,163,689		46,448		22,211	24,237	Totals	3		86,545	16.90	24,598

Insurer Code: 697 Insurer Name: Travelers Property Casualty Company of America Policy Period: 6/24/2017 To 6/24/2018

4611	4,892,233	0.61	29,843	0.463	13,817	16,026	5379 Employee K	05	Closed	41,829	16.31	23,750
8742	504,157	0.17	857	0.446	382	475	8785 Employee L	06	Closed	2,054	1.24	1,804
8810	4,415,444	0.12	5,299	0.494	2,618	2,681	9567 Employee M	06	Closed	471	0.15	221
9079	453,356	1.37	6,211	0.559	3,472	2,739	9728 Employee N	06	Closed	763	0.35	513
	0											
Totals	10,265,190		42,210		20,289	21,921	Totals	4		45,117	18.05	26,288

	Expected Losses	Expected Primary Losses	Expected Excess Losses	# of Claims	Actual Losses	Contrib Points	Actual Primary Losses
Experience Period Totals	A 145,589	B 69,451	C 76,138	12	137,998	38	D 55,972

$$\left[\begin{array}{c} \text{Actual Primary Losses} \\ 55,972 \end{array} + \begin{array}{c} \text{Expected Excess Losses} \\ 76,138 \end{array} \right] / \begin{array}{c} \text{Expected Losses} \\ 145,589 \end{array} = \begin{array}{c} \text{Experience Modification} \\ 91 \end{array}$$

Best possible X-Mod: 52%

Primary Threshold: 24000



Put Zenith to Work — at Your Workplace

Zenith's safety & health consultants identify employee injury/illness exposures and provides workers' compensation cost control services. They can help you:

- Recognize workplace hazards and implement corrective actions before injuries occur
- Review your employee management practices, including hiring, training, orientation, and supervisor accountability
- Evaluate your current safety program and practices and provide recommendations for improvement
- Understand how losses can impact your experience modification and long-term insurance costs

THE LEAST EXPENSIVE CLAIM IS THE ONE THAT NEVER HAPPENS

Zenith helps businesses recognize hazards and implement corrective actions before injuries occur.

Workplace incidents can have a huge impact on your business and employees. Beyond the medical costs for an injured employee, there are indirect and hidden costs to consider, including:

- Lost work time
- Repairing and replacing damaged equipment
- Hiring and training a temporary replacement
- Missed revenue opportunities
- Reduced employee morale

Zenith offers free training, services, and materials to help our policyholders educate their employees about safety. Other carriers sometimes limit their services or charge for them. At Zenith, we believe that loss prevention and containment should be considered in the bottom-line benefit of an insurance program.

Here are a few examples of our free safety services:

- Safety program evaluation and development
- Regional and online training
- Resource library of safety posters, paycheck stuffers, and stickers
- Safety video library with hundreds of titles
- Multilingual, industry-specific safety bulletins

Learn how to establish a safety program at: TheZenith.com/pi

TheZenith[®]
A FAIRFAX Company

WORKERS' COMPENSATION SPECIALISTS

EXPERIENCE. COMMITMENT. STABILITY.

2022: September - December Loss Prevention Webinars



DATE	TOPIC	TIME	LANGUAGE
41. Mon Sept 19	Preventing Sexual Harassment for Supervisors	9:00 AM to 11:30 AM	ENGLISH
42. Tue Sept 20	Preventing Sexual Harassment for Supervisors	9:00 AM to 11:30 AM	SPANISH
43. Mon Sept 26	Preventing Sexual Harassment for Non-Supervisory Employees	9:00 AM to 10:30 AM	ENGLISH
44. Tue Sept 27	Preventing Sexual Harassment for Non-Supervisory Employees	9:00 AM to 10:30 AM	SPANISH
45. Tue Oct 18	Basic Communication for Supervisors	9:00 AM to 12:00 PM	ENGLISH
46. Thu Oct 20	Basic Communication for Supervisors	9:00 AM to 12:00 PM	SPANISH
47. Mon Oct 24	Preventing Sexual Harassment for Non-Supervisory Employees	9:00 AM to 10:30 AM	ENGLISH
48. Tue Oct 25	Preventing Sexual Harassment for Non-Supervisory Employees	9:00 AM to 10:30 AM	SPANISH
49. Tue Nov 15	Distracted Driving Prevention	8:00 AM to 10:00 AM	ENGLISH
50. Wed Nov 16	Distracted Driving Prevention	8:00 AM to 10:00 AM	SPANISH
51. Mon Nov 28	Preventing Sexual Harassment for Non-Supervisory Employees	9:00 AM to 10:30 AM	ENGLISH
52. Tue Nov 29	Preventing Sexual Harassment for Non-Supervisory Employees	9:00 AM to 10:30 AM	SPANISH
53. Mon Dec 12	Preventing Sexual Harassment for Supervisors	9:00 AM to 11:30 AM	ENGLISH
54. Tue Dec 13	Preventing Sexual Harassment for Supervisors	9:00 AM to 11:30 AM	SPANISH
55. Mon Dec 19	Preventing Sexual Harassment for Non-Supervisory Employees	9:00 AM to 10:30 AM	ENGLISH
56. Tue Dec 20	Preventing Sexual Harassment for Non-Supervisory Employees	9:00 AM to 10:30 AM	SPANISH

MORE WEBINARS WILL BE ADDED TO THE SCHEDULE PERIODICALLY THROUGHOUT THE YEAR

Risk Management | Workers' Compensation | Employee Benefits Consulting | Business Services

For questions or to register, please contact Ms. Karina Muñoz at 805.585.6167 or via email at kmunoz@tolmanandwiker.com

A flyer will be mailed to confirm the training. Webinars are subject to change by date, subject, or location and may be canceled for lack of interest.

COMMON WORKERS' COMPENSATION ABBREVIATIONS FOR CALIFORNIA

A/A	Applicant's Attorney
ACOEM	American College of Occupational and Environmental Medicine
ADR	Alternative dispute resolution
AMA Guides	American Medical Association Guides to the Evaluation of Permanent Impairment
AME	Agreed Medical Examination or Evaluator (both parties must abide by what this doctor says)
AOE/COE	Arising out of employment & occurring in the course of employment
AWE / AWW	Average weekly earnings / Average weekly wage
C&R	Compromise and Release, a final settlement in comp.
CIGA	California Insurance Guarantee Association
CT	Cumulative trauma or continuous trauma
D/A	Defense attorney
Depo	Deposition
DEU	Disability Evaluation Unit
DFEC	Diminished future earning capacity
DIR	Division of Industrial Relations
DOI	Date of injury
DOH	Date of hire
DOR	Declaration of Readiness to Proceed (a request for a hearing at the WCAB)
DWC	Division of Workers' Comp
DWCI	Employee claim form
DX	Diagnosis
EDD	Employment Development Department
EE	Employee
ER	Employer
F&A	Findings and Award, a decision by the WCAB
FEC	Future earning capacity

F/M	Future medical
F/U	Follow up
I&A	Information & Assistance Unit or Officer
IME	Independent medical evaluator
IW	Injured worker
L.C.	Labor Code
LDW	Last day worked
LOV	Last office visit
MMI	Maximum medical improvement (same as permanent and stationary)
MPN	Medical Provider Network
MSA	Medicare Set Aside
MSC	Mandatory Settlement Conference
MVA	Motor Vehicle Accident
NCM	Nurse case manager
NOV	Next office visit
OACR	Order approving Compromise & Release
OTOC	Order taking off calendar
PCP	Primary care physician
PD	Permanent disability
PDA	Permanent disability advance
PDR	Permanent disability rating
PDRS	Permanent disability rating schedule
P&S	Permanent and stationary (same as maximum medical improvement)
POA	Plan of action
Pro-per	A person "in pro per" when acting as their own attorney
PT	Physical therapy
PTP	Primary treating physician
QIW	Qualified injured worker
QME	Qualified Medical Evaluation or Examiner

RFA	Request for Authorization
RTW	Return to work
RRTW	Released to return to work
S&W	Serious and willful misconduct by the employee or employer
SDT	Subpoenaed records
Self procured	Medical treatment of the employee not authorized by the employer/carrier
SIU	Special Investigations Unit
SJDB, Voucher	Supplemental job displacement benefit voucher
Stip or Stips	Stipulations with request for award signed by the parties (a type of settlement)
Sub rosa	Private investigation, usually video tape of the employee
TD, TTD	Temporary total disability
U&C	Usual and customary
UR	Utilization Review
VR	Vocational Rehabilitation
WC	Workers' Compensation
WCAB	Workers' Compensation Appeals Board
WCIRB	Workers' Compensation Insurance Rating Bureau
WPI	Whole person impairment

PLAN OF ACTION

Financial Valuation Date: 09/09/22

Villapando, Angel - 173004629

Insured Info

Insured: West Valley Investment Group
Reporting Location: 18750 OXNARD STREET SUITE 405
 TARZANA CA 91356
Policy #: 7600014853211
Policy Period: 05/31/2021 - 05/31/2022
Reported: 08/03/2022

	Medical	TD	PD	VR	Expense	Total	Recovery
Paid:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Outstanding:	5,000.00	0.00	10,000.00	0.00	7,150.00	22,150.00	
Incurred:	5,000.00	0.00	10,000.00	0.00	7,150.00	22,150.00	

Reserves: Medical Incurred : \$ 5,000.00 med legal
 Temporary Disability Incurred: NA denied claim
 Permanent Disability Incurred : \$10K nuisance settlement
 Supplemental Job Displacement Voucher Incurred : NA
 Expense Incurred: \$ 7,150.00

 New Total Incurred : \$22,150.00

Carrier/TPA Contact Info

Examiner: Cheriece Tainatongo
Examiner Phone: (619) 744-5073
Examiner Email: ctainatongo@acmclaims.com
Manager: Scott Darsey
Manager Phone: (619) 881-5549
Manager Email: sdarsey@acmclaims.com
Mailing Address: P.O. Box 85251 San Diego, CA 92186-5251

Claimant

Claimant : Villapando, Angel
Claim #: 173004629
Loss Date: 04/29/2022
Age @ Loss: 49
Occupation: Carpenter
Hire Date:
AWW: \$1,393.96
Class Code: 5403

Injury Description

Claim Type: Indemnity

PLAN OF ACTION

Financial Valuation Date: 09/09/22

Villapando, Angel - 173004629

Claim Status: Open
Litigated: Yes
PD Rating: 17.00
Body Part: Multiple Body Parts
Nature of Injury: Contusion
Cause of Injury: Fall, Slip, or Trip, NOC
How Injury Occurred: Employee sustained back, shoulder, neck, arm, left knee, right hip, groin injuries' due to foot getting caught in electrical cord causing him to fall.

Medical

Diagnosis: Diagnosis unknown, no medicals received to date
Medical Status: No medicals received to date

Indemnity

TTD: No
TD: Denied claim
RTW Status: Not Applicable
PD: Holding PD for nuisance settlement
Vocational Rehab: No vocational rehab anticipated

Recovery

Recovery Status: No third party involvement or machine malfunction

Legal

Applicant Atty: Oracle Law Firm
Legal Activity: Applicant is represented

Settlement

Settlement Type: Will review file for settlement
Liens: No known liens

Plan Of Action

Additional Info: Denied claim
 Push for settlement
 AFA referral authorized to Albert Mackenzie
POA Completed: 8/9/2022
Next POA Date: 11/7/2022

PLAN OF ACTION

Financial Valuation Date: 10/19/22

Gutierrez, Javier - 173003485

Insured Info

Insured: West Valley Investment Group
 Reporting Location: 18750 OXNARD STREET SUITE 405
 TARZANA CA 91356
 Policy #: 7600014853211
 Policy Period: 05/31/2021 - 05/31/2022
 Reported: 08/12/2021

	Medical	TD	PD	VR	Expense	Total	Recovery
Paid:	23,353.21	76,815.80	0.00	0.00	3,886.40	104,055.41	0.00
Outstanding:	58,646.79	18,467.20	29,218.00	0.00	8,113.60	114,445.59	
Incurred:	82,000.00	95,283.00	29,218.00	0.00	12,000.00	218,501.00	

Reserves: MED: \$82,000.00
 TD: \$95,283 PTD \$20,633 allowing 78wks
 PD: \$29,218 PTD \$0 allowing estimated 25%
 EXP: \$12,000 PTD \$311 allowing possible DA, med management and possible investigation
 TOTAL: \$218,501

Carrier/TPA Contact Info

Examiner: Merry England
 Examiner Phone: (619) 614-3665
 Examiner Email: mengland@acmclaims.com
 Manager: Scott Darsey
 Manager Phone: (619) 881-5549
 Manager Email: sdarsey@acmclaims.com
 Mailing Address: P.O. Box 85251 San Diego, CA 92186-5251

Claimant

Claimant : Gutierrez, Javier
 Claim #: 173003485
 Loss Date: 08/05/2021
 Age @ Loss: 40
 Occupation: Carpenter/Laborer
 Hire Date: 06/01/2021
 AWW: \$1,832.37
 Class Code: 5432

Injury Description

Claim Type: Indemnity
 Claim Status: Open
 Litigated: Yes

PLAN OF ACTION

Financial Valuation Date: 09/09/22

GRAND TOTAL

Total Records: 1

	Medical	TD	PD	VR	Expense	Total	Recovery
Paid:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Outstanding:	5,000.00	0.00	10,000.00	0.00	7,150.00	22,150.00	
Incurred:	5,000.00	0.00	10,000.00	0.00	7,150.00	22,150.00	

PLAN OF ACTION

Financial Valuation Date: 10/19/22

Gutierrez, Javier - 173003485

PD Rating: 25.00
 Body Part: Multiple Head Injuries
 Nature of Injury: All Other Specific Injuries, NOC
 Cause of Injury: Object being Lifted or Handled: Struck or Injured by
 How Injury Occurred: EE stated while drilling into a wood beam, the drill got stuck causing the drill to turn and hit is chin/temple area on his left side. felt pain to cheek and headache.

Medical

MPN Status: In MPN

- Diagnosis:
1. Tooth pain
 2. TMJ sprain of temporomandibular joint
 3. Strain of neck, muscle
 4. Sprain of right wrist
 5. Sprain of left wrist
 6. Concussion with brief LOC
 7. Acute head injury
 8. Frequent headaches
 9. Dizziness.

Medical Status: Review of Claim
 40 year old Carpenter who stated that while drilling into a wood beam, the drill bit got stuck causing the drill to turn and hit his cheek. Report states that he was initially seen in the emergency room and followed up with Concentra.

Initially seen by Concentra on 8/12/21, painful jaw, headache, both wrist, neck, blurry vision, teeth pain.

- Diagnosis:
1. Strain of neck muscle
 2. Concussion with brief LOC
 3. Sprain of left wrist
 4. Sprain of right wrist
 5. TMJ (sprain of temporomandibular joint)

RX: Etodolac 500 mg, Metaxalone 800 mg. PT 3x2, Wrist brace, Xray spine, cervical.
 Work Status: no work.

- 8/16/22 - Concentra
 Diagnosis:
1. Tooth pain
 2. TMJ sprain of temporomandibular joint
 3. Strain of neck, muscle
 4. Sprain of right wrist
 5. Sprain of left wrist
 6. Concussion with brief LOC
 7. Acute head injury
 8. Frequent headaches
 9. Dizziness.

RX: Acetaminophen, Metaxalone 800mg.
 Dental referral, Neurology referral, Occupational therapy 3x2, Wrist brace.
 Work Status: no work. Next Office Visit: 7 days

Dental referral made to One Call

PLAN OF ACTION

Financial Valuation Date: 10/19/22

Initial neurology appt with Frank Lin, MD dated 10/15/21, DX: head and facial contusions
CAUSATION: It appears that the patient did sustain an injury to head arising out of and caused by the industrial exposure of 8/5/21

Patient suffered a blunt head trauma more than 2 months ago. He still complains of various nonspecific symptoms. I would like to get an MRI of the brain with no contrast to make sure there is no intracranial structural lesion. If it shows any abnormality, I will go ahead and address it. If it is normal, the patient will be reassured and discharged neurologically. Overall the symptoms seem nonspecific. He has signs and symptoms of sleep disordered breathing and blood pressure is also elevated. These may be the cause for his ongoing symptoms. I advised him to follow up with his personal physician to address these issues. He will be sent to an ophthalmologist to assess the visual complaint. His work status will be deferred to the primary treating doctor

MRI brain (including brain stem and skull base) during open intracranial procedure-certified

EMG/NCS extremity upper bilateral dated 1/18/22

Impression:

1. Mild moderate bilateral median neuropathy at the wrists (carpal tunnel syndrome) affecting sensory components with borderline effect on motor components
2. No electromyographic evidence of denervation potentials in the upper extremity muscles tested today. Of not, EMG does not evaluate small sensory pain fibers or upper motor neuron. Lack of denervation does not exclude radiculopathy or neuritis. Clinical correlation is recommended.

2/16/22 - PTP Rahman TTD and has a follow up appointment on 3/30/22

5/10/22 - S/p carpal tunnel release right wrist

5/19/22 -PTP Rahman TTD and has a follow up appointment on 7/6/22

Indemnity

TTD: Yes
 TD: TTD benefits picked up as of 8/6 and continuing
 RTW Status: Total Temporary Disability
 PD: Estimated 25%
 Vocational Rehab: No vocational rehabilitation anticipated

Recovery

Recovery Status: No third party involvement or machine malfunction
 Recovery Desc: drill bit got stuck, nothing defective with the drill

Legal

Applicant Atty: Cleveland & Metz
 Legal Activity: Applicant is represented

Settlement

Settlement Type: Upon receipt of MMI report, will review file for settlement
 Liens: No known liens

Plan Of Action

PLAN OF ACTION

Financial Valuation Date: 10/19/22

Gutierrez, Javier - 173003485

Additional Info:

Manage medical treatment through to MMI status
Con't paying TTD benefits
TEETH not an accepted body party

POA Completed:

9/28/2022

Next POA Date:

12/27/2022

PLAN OF ACTION

Financial Valuation Date: 10/19/22

GRAND TOTAL

Total Records: 1

	Medical	TD	PD	VR	Expense	Total	Recovery
Paid:	23,353.21	76,815.80	0.00	0.00	3,886.40	104,055.41	0.00
Outstanding:	58,646.79	18,467.20	29,218.00	0.00	8,113.60	114,445.59	
Incurred:	82,000.00	95,283.00	29,218.00	0.00	12,000.00	218,501.00	



**WORKERS' COMPENSATION PROPOSAL
PREPARED FOR:**

**Las Virgenes Municipal Water District
annual**

Prepared By:

**Jeffrey T. Dodds
Senior VP, Risk Advisor**

February 22, 2024

Phone: 805-585-6150 • email: jeff.dodds@assuredpartners.com
Offices in: Bakersfield • Santa Maria • Ventura • Westlake Village
www.assuredpartners.com/ventura

CDI Lic. 0M07762

MARKETING EFFORT

<u>Company</u>	<u>Response</u>
Zenith (JPRIMA)	quoted
Berkshire Hathaway	can't compete
Insurance Company of the West	only interested in smaller districts

A Managing General Agent (MGA) is an Underwriter for several insurance companies

A Professional Employer Organization (PEO) provides Worker's Compensation insurance, plus payroll and Human Resource Services

**ASSURED PARTNERS OF CALIFORNIA
WC PREMIUM COMPARISON
BASE RATES**

Named Insured: Las Virgenes Municipal Water District

Policy Term: annual

Excluded Stockholding Officers: none

Proposal Date: 2/22/24

Class Code	Classification	Payroll	Zenith Ins Co A X		ACWA 7-23 to 7-24		Base Premium	
			Base Rate	Base Premium	Base Rate	Base Premium	Base Rate	Base Premium
7520	Water Companies	5,258,408	3.85	202,449	4.06	213,491		0
7580	Sanitation Districts	2,575,571	3.95	101,735	2.73	70,313		0
8742	Outside Sales	0	0.79	0	0.94	0		0
8810	Clerical	8,048,539	0.60	48,291	0.77	61,974		0
Total		15,882,518					345,778	0

Carrier:	Rating:	Base Rate
		0
		0
		0
		0
		0
		0

Credits/Debits/Discounts/Mods	0.5500000	0.8800000	1.0000000
	1.0000000	1.0000000	1.0000000
	1.0000000	1.0000000	1.0000000
	1.0000000	1.0000000	1.0000000
	1.0000000	1.0000000	1.0000000
	1.0000000	1.0000000	1.0000000
	1.0000000	1.0000000	1.0000000

Schedule Mod Factor	0.5500000	0.8800000	1.0000000
	1.0000000	1.0000000	1.0000000

ASSURED PARTNERS OF CALIFORNIA
Workers' Compensation Premium Comparison

Named Insured: Las Virgenes Municipal Water District

Policy Term: annual

Excluded (Stockholding) Officers: none

Class Code	Classification	Payroll	Carrier:	
			Rate	Premium
7520	Water Companies	5,258,408		
7580	Sanitation Districts	2,575,571		
8742	Outside Sales			
8810	Clerical	8,048,539		
Total		15,882,518		

Zenith Ins Co			ACWA		
A X			7-23 to 7-24		
Rate	Premium		Rate	Premium	Rate
2.12	111,347		3.57	187,872	
2.17	55,954		2.40	61,876	
0.43			0.83		
0.33	26,560		0.68	54,537	

Subtotal	193,862	304,285
Experience Modification	1.00	0.87
Modified Premium	193,862	264,728
Expense Constant		
TRIA/Catastrophe		
Total Standard Premium	193,862	264,728
State WC Assessments	11,727	15,499
Rounding		
Misc		
TOTAL PREMIUM	205,589	280,227
Deposit	19,387	
Reporting Frequency	ten installments	

Waivers of Subrogation: charged at 3 % of premium developed on specific contract

- Notes:**
- Zenith/JPRIMA :
 - Dividend eligible program*
 - No program fees
 - no multi-year commitment
 - Zenith in-person claim reviews with LV-assigned Adjuster
 - Zenith formal safety and loss control program
 - Eligible for Experience Modifier 2026 policy year
 - *JPRIMA program has averaged between 5-7.5% of premium since program inception



WC Claim Review

West Valley Investment Group

10/25/22



AssuredPartners of California

Authored by:

Melisa Nieves

WC Claim Review

Agenda

2022 Loss Prevention Webinars

CA WC Abbreviations

Open WC Claims

Workers' Compensation ClaimPRO Advocates



Avoiding Litigation

By uncovering the reasons that injured workers hire attorneys, employers can take active steps to reduce litigation. Employers, in their efforts to control workers' compensation claim cost, often go to great lengths to manage their safety program, provide medical management, and analyze data. All of this is good, but employers often overlook one of the simplest ways to control claim cost—staying in touch with the injured employee. Being your injured employee's advocate will help keep them from seeking the guidance of an attorney. This in turn will help control the claim cost. Statistics show the cost of a litigated claim is 30 percent higher than that of a non-litigated claim.



Why Claimants Hire Attorneys

- **Workplace trust:** The employee fears being fired or laid off.
- **Fear of claim denial:** This typically happens because of miscommunication.
- **Injury severity:** The more severe the injury, the more likely an attorney will be involved.
- **Employer size:** Employees of smaller firms tend to have a direct personal relationship with their employer; therefore, they are less likely to litigate their claims.
- **Job tenure:** Workers who have less than one year on the job when they are injured are more likely to hire an attorney. They tend to not have the loyalty that a long-term employee may have.
- **Demographic factors:** An injured employee's age, education, and cultural background can affect the likelihood of attorney involvement.

Steps Employers Can Take to Avoid Litigation

- **Clear & timely communications:** Communication with the injured employee will help eliminate their fear of the complex system and denial of their claim and/or benefits.
- **Be the advocate:** Designate a person within your company that will be the go-to person when an injured employee has a question and/or concern regarding their injury.
- **Regular contact:** Staying in touch, at regular scheduled intervals, with the injured employee will help maintain their morale and will build rapport.
- **Supervisor training:** Supervisors are often in the best position to shape workers' initial expectations about what should happen, post injury.

The information contained within is intended as a general guide. Please consult with a human resources professional or attorney for confirmation on how the information applies to your specific situation.

Offices in:

Agoura Hills (805-585-6100)
Bakersfield (661-616-4700)
Santa Maria (805-922-7301)
Ventura (805-585-6100)

AssuredPartners of California
www.assuredpartners.com
LIC # 0M07752



Susan Smith

Workers' Compensation Claims Department Manager

Tolman & Wiker Insurance Services, LLC

196 South Fir Street

Ventura, CA 93001

Direct: (805) 585-6189

spsmith@tolmanandwiker.com

- Joined **Tolman & Wiker** in 1989
- **Tolman & Wiker**, Workers' Compensation Claims Department Manager
- **Tolman & Wiker**, Claims Analyst
- Vocational Rehabilitation Coordinator (1988-1989)
- Workers' Compensation Claims Adjuster (1984-1988)
- Bachelor's Degree in Social Science, Human Resource Management (Cal Poly San Luis Obispo)

Proper prevention of claims and efficient and prompt handling of claims that occur are critically important to our clients' ability to control their cost of workers' compensation risk. We are committed to minimizing losses by being aggressive advocates on your behalf, and we believe our responsibilities have been fulfilled only when claims are properly resolved. As one of the nation's top independent insurance brokers, risk advisors, and employee benefits consultants, **Tolman & Wiker Insurance Services** offers comprehensive protection and claims management with a *95-percent client retention rate*, a testament to our delivery of great results for our clients. We combine our size and considerable resources with nearly a century of local ownership and independence. For our clients, this means personalized service, access to best-in-class services and resources, and peace of mind.



Experience Rating Worksheet

Projected	Rating Date: 06/24/2021	Experience Period: 09/24/2016 to 09/24/2019	X-Mod: 90

Class Code	Payroll	Expected Loss Rate	Expected Losses	D-Ratio	Expected Primary Losses	Expected Excess Losses	Claim Number-Name	Injury Type/# of Claims	Open/Closed	Actual Losses	Contrib Points	Actual Primary Losses
Insurer Code: 697 Insurer Name: Travelers Property Casualty Company of America Policy Period: 6/24/2019 To 6/24/2020							EAP:					
4611	7,440,674	0.61	45,388	0.463	21,015	24,373	3939 Employee A	06	Closed	514	0.18	264
8742	784,268	0.17	1,333	0.446	595	738	5535 Employee B	06	Closed	1,452	0.83	1,202
8810	4,688,210	0.12	5,626	0.494	2,779	2,847	8962 Employee C	06	Closed	1,867	1.11	1,617
9079	334,604	1.37	4,584	0.559	2,562	2,022	8981 Employee D	06	Closed	752	0.34	502
	0						9465 Employee E	06	Closed	1,093	0.58	843
Totals	13,247,756		56,931		26,951	29,980	Totals	5		5,678	3.04	4,428

Insurer Code: 697 Insurer Name: Travelers Property Casualty Company of America Policy Period: 6/24/2018 To 6/24/2019							EAP:					
4611	5,592,576	0.61	34,115	0.463	15,795	18,320	4872 Employee F	04	Open	82,756	16.31	23,750
8742	672,920	0.17	1,144	0.446	510	634	6069 Employee G	06	Closed	683	0.30	433
8810	4,473,277	0.12	5,368	0.494	2,652	2,716	9136 Employee H	06	Closed	665	0.29	415
9079	424,916	1.37	5,821	0.559	3,254	2,567						
	0											
Totals	11,163,689		46,448		22,211	24,237	Totals	3		84,104	16.90	24,598

Insurer Code: 697 Insurer Name: Travelers Property Casualty Company of America Policy Period: 6/24/2017 To 6/24/2018 EAP:												
4611	4,892,233	0.61	29,843	0.463	13,817	16,026	5379 Employee K	05	Closed	41,829	16.31	23,750
8742	504,157	0.17	857	0.446	382	475	8785 Employee L	06	Closed	2,054	1.24	1,804
8810	4,415,444	0.12	5,299	0.494	2,618	2,681	9567 Employee M	06	Closed	471	0.15	221
9079	453,356	1.37	6,211	0.559	3,472	2,739	9728 Employee N	06	Closed	763	0.35	513
	0											
Totals	10,265,190		42,210		20,289	21,921	Totals	4		45,117	18.05	26,288

	Expected Losses	Expected Primary Losses	Expected Excess Losses	# of Claims	Actual Losses	Contrib Points	Actual Primary Losses
Experience Period Totals	A 145,589	B 69,451	C 76,138	12	134,899	38	D 55,314

$$\left[\begin{array}{c} \text{Actual Primary Losses} \\ 55,314 \end{array} + \begin{array}{c} \text{Expected Excess Losses} \\ 76,138 \end{array} \right] / \begin{array}{c} \text{Expected Losses} \\ 145,589 \end{array} = \begin{array}{c} \text{Experience Modification} \\ 90 \end{array}$$

Best possible X-Mod: 52%

Primary Threshold: 24000



DATE: March 19, 2024
TO: Board of Directors
FROM: Finance and Administration

SUBJECT: Annual Property and Liability Insurance: Renewal

SUMMARY:

Since 2019, the District has contracted with Allied World Assurance Company/Joint Powers Risk and Insurance Management Authority (JPRIMA) as its primary insurance provider. Assured Partners continues to serve as the District’s insurance broker and ensures that the District receives the best renewal terms for the primary package and additional lines of coverage for excess liability, cyber-threats, flood and earthquake. The total cost of the current renewal for the coverage period of April 1, 2024, through March 31, 2025, is \$3,018,556, which constitutes a 12.7 percent increase over last year's premium.

RECOMMENDATION(S):

Accept the proposal from Assured Partners, in the aggregate amount of \$3,018,556, and authorize the General Manager to execute the necessary contracts and forms to purchase property and liability insurance for the term of April 1, 2024, through March 31, 2025.

FISCAL IMPACT:

Yes

FINANCIAL IMPACT:

The total cost of this action is \$3,018,556, which represents a \$339,414 increase over the current policy period. Sufficient funds for the renewal will be included in the proposed Fiscal Year 2024-25 budget.

DISCUSSION:

Attached is the proposal from Assured Partners that details the terms of the District’s insurance renewal for the coverage period of April 1, 2024, through March 31, 2025. The total amount of the renewal is \$3,018,556, constituting an increase of 12.7 percent over last year's premium. Jeff Dodds of Assured Partners continues to provide the District with excellent service and ensures that the existing coverage limits are maintained at a competitive rate.

Current Market Conditions:

The insurance market nationwide, and to a greater degree in California, remains very difficult. The challenging environment is especially evident for properties in wildfire-prone areas and public agencies, specifically relative to casualty (liability) insurance. Reinsurers continue to pull back capacity (coverage limits offered) and/or curtail writings with steep price increases due to “social inflation,” a euphemism meaning run-away jury verdicts and awards; inverse condemnation claims; increases in employment-related claims; and inflationary impacts related to the repair of property, vehicles, and other assets. Increased labor costs further exacerbate claim payouts.

This year’s marketing efforts included approaching specialty markets (Glatfelter, Grundy, Travelers and Allied Public Risk [incumbent]), as well as numerous surplus line markets to ensure the District continues to receive competitive pricing. Of the specialty water/sanitation market operators, Glatfelter was the only carrier that indicated a willingness to quote for liability coverage, and they did not provide a competitive costs. Grundy and Travelers declined to provide a quote.

Key Policy Change:

The District's current limit for wildfire peril is \$25 million. A “wildfire” is defined as a “named” fire by CalFire, and the new coverage limit as proposed would be reduced to \$10 million. With the reduced coverage, the deductible was also reduced from \$500,000 to \$100,000.

GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Donald Patterson, Director of Finance and Administration

ATTACHMENTS:

[Proposal for Property and Liability Insurance](#)
[Property and Liability Coverage Limits](#)



POLICY TERM: 4/1/2024– 4/1/2025

Presented by:

**Jeffrey T. Dodds
AssuredPartners of California**

February 22, 2024

LAS VIRGENES MUNICIPAL WATER DISTRICT 2024 INSURANCE SUMMARY

	EXPIRING 2023-2024	RENEWAL 2024-2025
Coverage/Policy Type	Carrier/AM Best Rating Limits & Coverages	Carrier/AM Best Rating Limits & Coverages
Property	Homesite Underwriting Managers, A, XV, Admitted \$253,471,072 Real and Personal Property; \$100,000 deductible Wildfire Sublimit: \$25,000,000 / Deductible: \$500,000 Business Income: \$2,000,000 Extra Expense: included Rental Income Coverage- Limit \$94,439 (4232-B Las Virgenes Rd.) Property in Transit: covered Valuable Papers and Records: included Outdoor Property: covered Agreed Value (no coinsurance) Building Ordinance or Law; Blanket Limits Demolition Costs and/or Undamaged Portion of Building: covered Includes: Increased Cost of Construction; Replacement Cost; Agreed Amount; Terrorism	Munich Reinsurance of America, A+ XV, Admitted \$256,121,814 Real and Personal Property; \$100,000 deductible Wildfire Sublimit: \$10,000,000 / \$100,000 Business Income: \$2,000,000 Extra Expense: included Rental Income Coverage- Limit \$94,439- (4232-B Las Virgenes Rd.) Property in Transit: covered Valuable Papers and Records: included Outdoor Property: covered Agreed Value (no coinsurance) Building Ordinance or Law; Blanket Limits Demolition Costs and/or Undamaged Portion of Building: covered Includes: Increased Cost of Construction; Replacement Cost; Agreed Amount; Terrorism
Premium	\$728,022	\$800,677
Scheduled Equipment	Homesite Underwriting Managers	Munich Reinsurance of America
Limits	Inland Marine/Contractors Equipment – \$908,200 \$125,000 Unscheduled Equipment \$25,000 Deductible Borrowed, Rented, Leased Equipment limit - \$250,000 Actual Cash Value; including Terrorism	Inland Marine/Contractors Equipment – \$1,035,448 \$125,000 Unscheduled Equipment \$25,000 Deductible Borrowed, Rented, Leased Equipment limit - \$250,000 Actual Cash Value; including Terrorism
Premium	Included	Included

Coverage/Policy Type	Carrier/AM Best Rating Limits & Coverages	Carrier/AM Best Rating Limits & Coverages
EDP Computer Protection	Homesite Underwriting Managers \$1,602,422	Munich Reinsurance of America \$1,602,422
Premium	Included	Included
Equipment Breakdown	Homesite Underwriting Managers	Munich Reinsurance of America
Limit/Deductible	\$253,471,072 limit with \$100,000 Deductible Sublimits: \$100,000 as respects the following: Ammonia / Refrigeration Contamination Expediting Expenses Hazardous Substances Data Restoration Building Ordinance, Demolition and Increased Cost of Construction- covered	\$250,000,000 limit with \$100,000 Deductible Sublimits: \$100,000 as respects the following: Ammonia / Refrigeration Contamination Expediting Expenses Hazardous Substances Data Restoration Building Ordinance, Demolition and Increased Cost of Construction- covered
Premium	Included	Included
DIC (Earthquake/Flood)	Lexington Ins Co 15%- Non-Admitted A XV; Transverse Specialty Ins Co 55%- Non-Admitted A XV; General Security Indemnity 10%, A X Non-Admitted; Palomar Excess 20%, A X, Non-Admitted	Lexington Ins Co 15%- Non-Admitted A XV; Transverse Specialty Ins Co 37.5%- Non-Admitted A- XV; General Security Indemnity 10%, A X Non-Admitted; Palomar Excess 37.5%, A X, Non-Admitted
Limits	\$40,000,000 Loss Limit- Earthquake; \$10,000,000 Loss Limit- Flood, Covers Buildings, BPP and EDP. \$1,000,000 Extra Expense; Rental Income Coverage- Limit \$62,000- (4232-B Las Virgenes Rd.). Building Ordinance \$4,000,000 sublimit Total Insurable Value (rating basis): \$253,471,072; Terrorism excluded; Replacement Cost; Foundations included	\$40,000,000 Loss Limit- Earthquake; \$10,000,000 Loss Limit- Flood, Covers Buildings, BPP and EDP. \$1,000,000 Extra Expense; Rental Income Coverage- Limit \$62,000- (4232-B Las Virgenes Rd.). Building Ordinance \$4,000,000 sublimit Total Insurable Value (rating basis): \$253,565,511; Terrorism excluded; Replacement Cost; Foundations included
Deductible	Earthquake - 10% Deductible Per Unit of Insurance; Minimum \$50,000; All Other Perils \$25,000 Flood - \$100,000 except Tapia which is \$5,000,000 retention plus 10% deductible per building.	Earthquake - 10% Deductible Per Unit of Insurance; Minimum \$50,000; All Other Perils \$25,000 Flood - \$100,000 except Tapia which is \$5,000,000 retention plus 10% deductible per building.
Premium	\$385,000 Premium \$ 1,200 Policy Fee \$ 0 Catastrophe Surcharge/Fee \$ 12,281 Surplus Taxes/Fees \$ 19,250 Surplus Broker Fee \$417,731	\$389,500 Premium \$ 1,200 Policy Fee \$ 0 Catastrophe Surcharge/Fee \$ 12,424 Surplus Taxes/Fees \$ 19,475 Surplus Broker Fee \$422,599

Coverage/Policy Type		
General Liability	Homesite Underwriting Managers JPRIMA coverage enhancements, including: Dam Failure Liability; Failure To Supply- Services and Board Decisions Professional Liability coverage; Sewer Backup; Pollution; Employee Benefits Liability; Waiver of Subrogation; Subsidence; Occurrence Form; includes Terrorism	Munich Reinsurance of America JPRIMA coverage enhancements, including: Dam Failure Liability; Failure To Supply- Services and Board Decisions Professional Liability coverage; Sewer Backup; Pollution; Employee Benefits Liability; Waiver of Subrogation; Subsidence; Occurrence Form; includes Terrorism
Limits	\$1,000,000 Premises Operations – Per Occurrence \$1,000,000 Personal and Advertising Injury \$1,000,000 Damages to Premises Rented By You \$10,000,000 General Aggregate Per Location \$10,000,000 Products Completed Operations Aggregate	\$1,000,000 Premises Operations – Per Occurrence \$1,000,000 Personal and Advertising Injury \$1,000,000 Damages to Premises Rented By You \$10,000,000 General Aggregate Per Location \$10,000,000 Products Completed Operations Aggregate
Pollution Coverage	Per Location Aggregate: Pollution Coverage for: Hostile Fire, Heating/Air Conditioning, Mobile Equipment, Pesticides/Herbicides, Water, Sewer and Compost operations	Per Location Aggregate: Pollution Coverage for: Hostile Fire, Heating/Air Conditioning, Mobile Equipment, Pesticides/Herbicides, Water, Sewer and Compost operations
Deductible	\$100,000 SIR Occurrence	\$100,000 SIR Occurrence
Premium	\$230,488	\$282,352
Stop Loss	Stop Loss of \$1,00,000 (max payout- all claims- all lines of coverage); \$10,000 Maintenance Ded	Stop Loss of \$1,00,000 (max payout- all claims- all lines of coverage); \$10,000 Maintenance Ded
Premium	\$0	\$0
Management Liability/ Public Officials Liability/Employment Practices Liability	Homesite Underwriting Managers Includes coverage for: Directors & Officers; Employment Practices; Employee Benefits Administration; Inverse Condemnation; Occurrence Form	Munich Reinsurance of America Includes coverage for: Directors & Officers; Employment Practices; Employee Benefits Administration; Inverse Condemnation; Occurrence Form
Limits	\$1,000,000 Per occurrence \$1,000,000 Aggregate	\$1,000,000 Per occurrence \$10,000,000 Aggregate
Deductible/SIR	\$100,000 SIR	\$100,000 SIR
Premium	\$33,013	\$41,738
Auto	Homesite Underwriting Managers	Munich Reinsurance of America
Limits	\$1,000,000 Combined Single Limit Owned Auto Liability \$1,000,000 Per Accident Hired & Non-owned Auto \$1,000,000 Per Accident Uninsured/Underinsured \$5,000 Deductible- Physical Damage; \$100,000 Deductible Liability; 111 vehicles/trailers	\$1,000,000 Combined Single Limit Owned Auto Liability \$1,000,000 Per Accident Hired & Non-owned Auto \$1,000,000 Per Accident Uninsured/Underinsured \$5,000 Deductible- Physical Damage; \$100,000 Deductible Liability; 107 vehicles/trailers
	Hired Auto Physical Damage	Hired Auto Physical Damage
Auto Premium	\$128,919	\$126,390

Crime	Zurich - Fidelity and Deposit Co of Maryland – A XV Admitted	Zurich - Fidelity and Deposit Co of Maryland – A XV Admitted
Limits	\$3,000,000 Employee Dishonesty \$3,000,000 Forgery or Alteration \$100,000 Theft, Disappearance & Destruction \$1,000,000 Computer Fraud \$1,000,000 Funds Transfer Fraud \$3,000,000 Faithful Performance of Duty	\$3,000,000 Employee Dishonesty \$3,000,000 Forgery or Alteration \$100,000 Theft, Disappearance & Destruction \$1,000,000 Computer Fraud \$1,000,000 Funds Transfer Fraud \$3,000,000 Faithful Performance of Duty
Deductible	\$25,000 Employee Theft, Faithful Performance and Forgery or Alteration \$10,000 all other coverages	\$25,000 Employee Theft, Faithful Performance and Forgery or Alteration \$10,000 all other coverages
Premium	\$6,563	\$6,563

Cyber Package	Obsidian Specialty Ins Co- A-X, Non-Admitted	Palomar Excess & Surplus Ins Co- A-X, Non-Admitted
Limits	\$1,000,000 Policy Aggregate \$1,000,000 Multimedia Liability \$1,000,000 Privacy Regulatory Defense & Penalties \$1,000,000 Breach Event & Notification Costs \$1,000,000 Cyber Extortion Unknown Prior Acts Covered; Includes PCI Liability	\$1,000,000 Policy Aggregate \$1,000,000 Multimedia Liability \$1,000,000 Privacy Regulatory Defense & Penalties \$1,000,000 Breach Notification Costs \$1,000,000 Cyber Extortion Unknown Prior Acts Covered; Includes PCI Liability
Deductible	\$10,000 Deductible	\$10,000 Deductible
Premium	\$19,456	\$15,626

Excess Liability (Lead Excess)	Homesite Underwriting Managers	Munich Reinsurance of America
Excess Limit	\$10,000,000 Excess of \$1,000,000 for a total of \$11,000,000	\$10,000,000 Excess of \$1,000,000 for a total of \$11,000,000
Coverage	Excess of underlying Liability Limits: Includes Sewer Backup, Failure to Supply, Professional Liability, Dam Failure; Inverse Condemnation; Subsidence; includes Terrorism	Excess of underlying Liability Limits. Includes: Sewer Backup, Failure to Supply, Professional Liability, Dam Failure; Inverse Condemnation; Subsidence; includes Terrorism
Premium	\$265,586	\$316,321
Excess Liability #2	HDI Global Specialty, A++, Non-Admitted	HDI Global Specialty, A++, Non-Admitted
Excess Limit	\$5,000,000 Excess of \$11,000,000 for total of \$16,000,000	\$5,000,000 Excess of \$11,000,000 for total of \$16,000,000
Exclusions Include but are not limited to:	Includes: Subsidence; D&O; EPLI; Failure to Supply; Dam Failure; Professional Liability; Terrorism. Excludes Wildfire Liability; Inverse Condemnation	Includes: Subsidence; D&O; EPLI; Failure to Supply; Dam Failure; Professional Liability; Terrorism. Excludes Wildfire Liability; Inverse Condemnation
Premium	\$139,512	\$160,713
Excess Liability #3	Landmark American Insurance Company, A XIII, Non-Admitted	Landmark American Insurance Company, A XIII, Non-Admitted
Excess Limit	\$5,000,000 Excess of \$16,000,000 for a total of \$21,000,000	\$5,000,000 Excess of \$16,000,000 for a total of \$21,000,000
Exclusions Include but are not limited to:	Exclusions: Asbestos, D&O, EPLI, Terrorism, Eminent Domain or Condemnation, Failure to Supply, Professional Services, Public Officials, Uninsured or Underinsured Motorists; Inverse Condemnation; Dam Failure; NO Subsidence exclusion	Exclusions: Asbestos, D&O, EPLI, Terrorism, Eminent Domain or Condemnation, Failure to Supply, Professional Services, Public Officials, Uninsured or Underinsured Motorists; Inverse Condemnation; Dam Failure; NO Subsidence exclusion
	\$88,000	\$103,180
Excess Liability #4	Gemini Insurance Company, A+ XV, Non-Admitted	Gemini Insurance Company, A+ XV, Non-Admitted
Excess Limit	\$10,000,000 Excess of \$21,000,000 for total of \$31,000,000	\$10,000,000 Excess of \$21,000,000 for total of \$31,000,000
Exclusions Include but are not limited to:	Exclusions: Asbestos, D&O, EPLI, Terrorism, Eminent Domain or Condemnation, Failure to Supply, Professional Services, Public Officials, Uninsured or Underinsured Motorists; Inverse Condemnation; Dam Failure; Subsidence	Exclusions: Asbestos, D&O, EPLI, Terrorism, Eminent Domain or Condemnation, Failure to Supply, Professional Services, Public Officials, Uninsured or Underinsured Motorists; Inverse Condemnation; Dam Failure; Subsidence
Premium	\$170,247	\$199,137
Excess Liability #5	Hallmark Specialty Ins Co, A XV, Non-Admitted	StarStone Specialty Ins Co, A XIV, Non-Admitted
Excess Limit	\$5,000,000 Excess of \$31,000,000 for total of \$36,000,000	\$5,000,000 Excess of \$31,000,000 for total of \$36,000,000
Exclusions Include but are not limited to:	Exclusions: Asbestos, D&O, EPLI, Terrorism, Eminent Domain or Condemnation, Failure to Supply, Professional Services, Public Officials, Uninsured or Underinsured Motorists; Inverse Condemnation; Dam Failure; Subsidence	Exclusions: Asbestos, D&O, EPLI, Terrorism, Eminent Domain or Condemnation, Failure to Supply, Professional Services, Public Officials, Uninsured or Underinsured Motorists; Inverse Condemnation; Dam Failure; Subsidence
Premium	\$77,385	\$89,767
Excess Liability #6	Allied World National Assurance Company, A+ XV, Non-Admitted	Allied World National Assurance Company, A+ XV, Non-Admitted
Excess Limit	\$10,000,000 Excess of \$36,000,000 for total of \$46,000,000	\$10,000,000 Excess of \$36,000,000 for total of \$46,000,000
Exclusions Include but are not limited to:	Exclusions: Asbestos, D&O, EPLI, Terrorism, Eminent Domain or Condemnation, Failure to Supply, Professional Services, Public Officials, Uninsured or Underinsured Motorists; Inverse Condemnation; Dam Failure; Subsidence	Exclusions: Asbestos, D&O, EPLI, Terrorism, Eminent Domain or Condemnation, Failure to Supply, Professional Services, Public Officials, Uninsured or Underinsured Motorists; Inverse Condemnation; Dam Failure; Subsidence
Premium	\$109,371	\$136,198

Excess Liability #7	Lexington Insurance Company, AXV, Non-Admitted	Lexington Insurance Company, AXV, Non-Admitted
Excess Limit	\$5,000,000 Excess of \$46,000,000 for total of \$51,000,000	\$5,000,000 Excess of \$46,000,000 for total of \$51,000,000
Exclusions Include but are not limited to:	Exclusions: Asbestos, D&O, EPLI, Terrorism, Eminent Domain or Condemnation, Failure to Supply, Professional Services, Public Officials, Uninsured or Underinsured Motorists; Inverse Condemnation; Dam Failure; Subsidence	Exclusions: Asbestos, D&O, EPLI, Terrorism, Eminent Domain or Condemnation, Failure to Supply, Professional Services, Public Officials, Uninsured or Underinsured Motorists; Inverse Condemnation; Dam Failure; Subsidence
Premium	\$57,317	\$70,678
Excess Liability #8	Endurance Insurance Company, A+ XV, Admitted	Endurance Insurance Company, A+ XV, Admitted
Excess Limit	\$10,000,000 Excess of \$51,000,000 for total of \$61,000,000	\$10,000,000 Excess of \$51,000,000 for total of \$61,000,000
Exclusions Include but are not limited to:	Exclusions: Asbestos, D&O, EPLI, Terrorism, Eminent Domain or Condemnation, Failure to Supply, Professional Services, Public Officials, Uninsured or Underinsured Motorists; Inverse Condemnation; Dam Failure; Subsidence	Exclusions: Asbestos, D&O, EPLI, Terrorism, Eminent Domain or Condemnation, Failure to Supply, Professional Services, Public Officials, Uninsured or Underinsured Motorists; Inverse Condemnation; Dam Failure; Subsidence
Premium	\$72,226	\$89,767

Deductibles / Retentions

<u>Coverage</u>	<u>Expiring</u>	<u>Renewal</u>
Property	\$100,000	\$100,000
Scheduled Equipment	\$25,000	\$25,000
Equipment Breakdown	\$100,000	\$100,000
DIC- Earthquake*	10% Per Unit of Insurance	10% Per Unit of Insurance
DIC- Flood**	\$100,000	\$100,000
General Liability	\$100,000	\$100,000
Management Liability	\$100,000	\$100,000
Auto- Liability	\$100,000	\$100,000
Auto- Physical Damage	\$5,000	\$5,000
Crime	\$25,000	\$25,000
Cyber Package	\$10,000	\$10,000
Deductible Stop Loss (maximum deductible- all lines of coverage, Subject to a \$10,000 Maintenance Deductible)	\$1,000,000	\$1,000,000
*Minimum Earthquake Deductible \$50,000		
**See Tapia Flood Deductible notes		

Premium Summary 2024-2025

Coverage	Expiring	Renewal
Property	\$728,022	\$800,677
Scheduled Equipment	Included	Included
EDP	Included	Included
Equipment Breakdown	Included	Included
DIC- EQ and Flood	\$417,731	\$422,599
General Liability	\$230,488	\$282,352
Stop Loss Aggregate	\$0	\$0
Management Liability	\$33,013	\$41,738
Auto	\$128,919	\$126,390
Crime	\$6,563	\$6,563
Cyber Package	\$19,456	\$15,626
Excess Liability (First Layer: 10M x 1M)	\$265,586	\$316,321
Excess Liability #2	\$139,512	\$160,713
Excess Liability #3	\$88,000	\$103,180
Excess Liability #4	\$170,247	\$199,137
Excess Liability #5	\$77,385	\$89,767
Excess Liability #6	\$109,371	\$136,198
Excess Liability #7	\$57,317	\$70,678
Excess Liability #8	\$72,226	\$89,767
Program Fees	\$135,306	\$156,850
Total	\$2,679,142	\$3,018,556
Features:		
Earthquake & Flood		Covered
Dam Failure Liability- Including Spillage, Overtopping or from Earthquake		Covered
Inverse Condemnation- Including Intentional Acts by Management and Board		Covered
Failure To Supply- Services and Board Decisions		Covered
Defense Costs- unlimited (outside of limits)		Yes
Multi-Year Commitment & Program Exit Conditions		No
Selection of Claims Counsel & Administration		Yes
Retrospectively Adjustable Premium		No
Joint and Several Liability		No
Subsidence		Covered
Notes:		
Liability coverages rated on budget- estimated at 10% increase		
Expiring General, Management and Excess Liability policies are reflective of expiring rating basis		
Wildfire is defined as a Named Wildfire by CalFire		

About the Insurance Carrier and Program

Joint Powers Risk and Insurance Management Authority

Allied Public Risk (APR) underwrites a 100% fully-reinsured (A+ XV carrier) Joint Powers Authority: Joint Powers Risk and Insurance Management Authority (JPRIMA).

Claims

Claims expected to exceed the self-insured retention to be handled by a Third Party Administrator, Sedgwick

Program:

JPRIMA is a Joint Powers Authority 100% backed by an A+ XV reinsurer, Munich Reinsurance of America. Munich Re is one of the largest insurance companies in the world

Joint and Several Liability:

Unlike many JPA's, JPRIMA has no Joint and Several Liability or assessment liability

Premium Adjustment:

There is no retrospective adjustable premium (RAP), upward or downward. The premiums quoted are the firm and final costs

JPRIMA Program Executive / Coverage Form:

Paul Fuller, CPCU, CPRO-W is the Chief Executive Officer of Allied Public Risk and authored the coverage forms for the JPRIMA program. Paul is a nationally-recognized water industry insurance expert and has authored countless industry articles as well as co-authoring *Handbook of Risk and Insurance Strategies for Certified Public Risk Officers and Other Water Professionals* and *Practitioner's Handbook of Risk Management for Water and Wastewater Systems*

**Las Virgenes Municipal Water District
Liability Limits
2024**

