

CALLEGUAS MUNICIPAL WATER DISTRICT

2100 Olsen Road, Thousand Oaks, California 91360

www.calleguas.com

Remote teleconference location
[Government Code 54953(b)(3)]:
Hotel Courtyard Marriott
9815 Lantern St.
Jacksonville, FL US 32225

BOARD OF DIRECTORS MEETING

August 16, 2023, 5:00 p.m.

AGENDA

Written communications from the public must be received by 8:30 a.m. on the Thursday preceding a regular Board meeting in order to be included on the agenda and considered by the Board at that meeting. Government Code Section 54954.2 prohibits the Board from taking action on items not posted on the agenda except as provided in Subsection 54954.2(b).

1. CALL TO ORDER, PLEDGE OF ALLEGIANCE, AND ROLL CALL

BOARD OF DIRECTORS

Scott H. Quady, President
Andy Waters, Vice-President
Raul Avila, Secretary
Jacquelyn McMillan, Treasurer
Thibault Robert, Director

2. PUBLIC COMMENTS

This portion of the agenda may be utilized by any member of the public to address the Board of Directors on any matter within the jurisdiction of the Board that does not appear on the agenda. Depending on the subject matter, the Board of Directors may be unable to respond at this time, or until the specific topic is placed on the agenda at a future CMWD Board Meeting, in accordance with the Ralph M. Brown Act. Please limit remarks to three minutes.

To participate:

<https://us06web.zoom.us/j/86320297528?pwd=TEpmRGdsTk4xbG5FMkpuc0MwNTZxdz09>

Phone # +1 (720) 707-2699 *825427# (Denver)

Meeting ID: 863 2029 7528

Password: 825427

3. ITEMS TO BE ADDED TO THE AGENDA – GOVERNMENT CODE 54954.2(b)

Consideration of any items that require addition to the agenda due to the existence of an emergency situation, the need to take immediate action, and requests for remote participation due to emergency circumstances.

4. CONSENT CALENDAR

Consent Calendar items are to be approved or accepted by vote on one motion unless a Board member requests separate consideration. If any Board member requests that an item be removed from the Consent Calendar for further discussion, it will be moved to the first item on the Action Items portion of the Agenda.

A. Approve the Minutes of the July 19, 2023 Regular Board Meeting

5. ACTION ITEMS

Action Items call for separate discussion and action by the Board for each agenda item.

A. Draft 2023 Strategic Plan – Ian Prichard, Associate General Manager – Strategic Policy Implementation; Kristine McCaffrey, Deputy General Manager; Dan Drugan, Manager of Water Resources and Public Affairs; and Tony Goff, General Manager

6. REPORTS

Report items are placed on the agenda to provide information to the Board and the public and no Board action is sought.

A. GENERAL MANAGER AND STAFF REPORTS

1. General Manager’s Report

2. July 2023 Water Use and Sales, June 2023 Power Generation, and July 2023 Investment Summary Reports – Dan Smith, Manager of Finance

3. Second Quarter 2023 Change Order Summary Report – Fernando Baez, Manager of Engineering

B. GENERAL COUNSEL REPORT

1. General Counsel’s Report

C. BOARD OF DIRECTORS REPORTS

1. Board Member Reports on Ancillary Duties

Reports on ancillary duties are placed on the agenda to provide a forum for discussion concerning the activities of external entities to which Calleguas Board members are assigned in a representative capacity.

- a. Report of ACWA Region 8 Director
 - b. Report of ACWA Joint Powers Insurance Authority Representative
 - c. Report of Association of Water Agencies of Ventura County Representative
 - d. Report of Fox Canyon Groundwater Management Agency Representative
 - e. Report of Metropolitan Water District Director
 - f. Report of Ventura LAFCo Commissioner
 - g. Report of Ventura County Regional Energy Alliance Representative
 - h. Report of Ventura County Special Districts Association Representative
2. Directors' List of Administrative Code Reimbursable Meetings Other than Ancillary Duties
Reimbursable meetings reports are placed on the agenda to comply with statutory and Calleguas Administrative Code requirements for members of a legislative body who attend a meeting at the expense of the local agency to provide a report of the meeting.
 3. Discussion regarding upcoming meetings to be attended by Board members
 4. Request for Future Agenda Items

7. CLOSED SESSION

- A. Pursuant to Government Code §54956.9(d)(2) – Conference with Legal Counsel – Anticipated Litigation; 1 case.

8. ADJOURNMENT to Board Meeting September 06, 2023 at 5:00 p.m.

Note: Calleguas Municipal Water District conducts in-person meetings in accordance with the Brown Act. The District has also established alternative methods of participation which permit members of the public to observe and address public meetings telephonically and/or electronically. These methods of participation can be accessed through the internet link provided at the top of this agenda.

In addition to the above referenced methods of participation, members of the public may also participate by submitting comments by email to info@calleguas.com by 5:00 p.m. on the calendar day prior to the public meeting. Email headers should refer to the Board meeting for which

comments are offered. Comments received will be placed into the record and distributed appropriately.

Agendas, agenda packets, and additional materials related to an item on this agenda submitted to the Board after distribution of the agenda packet are available on the District website at www.calleguas.com

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 disability-related modification or accommodation, including auxiliary aids or services, in order to attend or participate in a meeting, should be made to the Secretary to the Board in advance of the meeting to ensure the 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.

CALLEGUAS MUNICIPAL WATER DISTRICT
BOARD OF DIRECTORS MEETING
August 02, 2023

MINUTES

The meeting of the Board of Directors of Calleguas Municipal Water District was held in-person at 2100 E. Olsen Road, Thousand Oaks CA 91360. The District also provided telephonic and electronic methods of participation for the public as noted on the meeting agenda.

The meeting was called to order by Andy Waters, Vice-President of the Board, at 5:00 p.m.

1. CALL TO ORDER, PLEDGE OF ALLEGIANCE, AND ROLL CALL

Directors Present at District Headquarters: Andy Waters, Vice-President
Raul Avila, Secretary
Jacquelyn McMillan, Treasurer
Thibault Robert, Director

Directors Absent: Scott Quady, President

Staff Present at District Headquarters: Anthony Goff, General Manager
Kristine McCaffrey, Deputy General Manager
Fernando Baez, Manager of Engineering
Grant Burton, Human Resources and Risk Management Manager
Dan Drugan, Manager of Water Resources and Public Affairs
Jennifer Lancaster, Principal Resource Specialist
Rob Peters, Manager of Operations & Maintenance
Ian Prichard, Associate General Manager- Strategic Policy Implementation
Wes Richardson, Manager of Information Technology
Steve Sabbe, IT Specialist
Dan Smith, Manager of Finance
Kara Wade, Clerk of the Board

Staff Present via Videoconference: Kayde Wade, Administrative Assistant

Legal Counsel Present at District Headquarters: Walter Wendelstein, Wendelstein Law Group, PC, District Counsel

2. PUBLIC COMMENTS

None

3. ITEMS TO BE ADDED TO THE AGENDA– GOVERNMENT CODE 54954.2(b)

None

4. CONSENT CALENDAR

- A. Approve the Minutes of the July 19, 2023 Regular Board Meeting
- B. Receive and affirm the Payment Register for the District’s activities from June 23, 2023 to July 24, 2023

On a motion by Director McMillan, seconded by Director Avila, the Board of Directors voted 4-0 to approve the Consent Calendar.

AYES: Directors Robert, McMillan, Avila, Waters

NOES: None

ABSENT: Director Quady

5. REPORTS

A. GENERAL MANAGER AND STAFF REPORTS

1. Monthly Status Report

The Board asked questions, which the General Manager and department managers answered.

2. Fiscal Year 2022-2023 Water Use Efficiency Program Summary – Jennifer Lancaster, Principal Resource Specialist

The Principal Resource Specialist presented the summary.

3. Draft 2023 Strategic Plan - Ian Prichard, Associate General Manager – Strategic Policy Implementation; Kristine McCaffrey, Deputy General Manager; Dan Drugan, Manager of Water Resources and Public Affairs; and Tony Goff, General Manager

The General Manager presented the Draft 2023 Strategic Plan with additional input from management staff in response to Director comments.

B. GENERAL COUNSEL REPORT

1. General Counsel's Report

Legal Counsel noted that Legal Summary had been distributed to the Board.

C. BOARD OF DIRECTORS REPORTS

1. Board Member Reports on Ancillary Duties

Reports on ancillary duties are placed on the agenda to provide a forum for discussion concerning the activities of external entities to which Calleguas Board members are assigned in a representative capacity.

a. Report of ACWA Region 8 Director

No report

b. Report of ACWA Joint Powers Insurance Authority Representative

No report

c. Report of Association of Water Agencies of Ventura County Representative

Director Avila stated that there was a Reagan Library Event Planning Committee meeting. The committee is in the process of securing a speaker for the AWA 28th Annual Member and Policymaker Reception to be held September 14.

d. Report of Fox Canyon Groundwater Management Agency Representative

Director Avila said that, on July 26, the FCGMA Board of Directors received updates on the City of Oxnard Groundwater Recovery Enhancement and Treatment Program and the groundwater adjudications in the Las Posas Valley Basin and the Oxnard and Pleasant Valley Basins.

e. Report of Metropolitan Water District Director

Director McMillan said she attended a meeting in Sacramento with five Bay Delta County Supervisors to discuss Northern/Southern California relationships. She said it was a very productive meeting.

She also informed the Board that a Metropolitan survey indicates that the public prefers the term “Water Conservation” over the term “Water Use Efficiency”.

Director McMillan referenced her written report on the Metropolitan meetings she attended from June 22 to July 05. Director McMillan’s report is attached and made part of these minutes.

f. Report of Ventura LAFCo Commissioner

No report

g. Report of Ventura County Regional Energy Alliance Representative

No report

h. Report of Ventura County Special Districts Association Representative

Director Robert said he attended the Ventura County Special Districts Association Meeting on August 1. The presenter was Kai Luoma from LAFCo. Kai gave a presentation on the history of LAFCOs.

2. Directors' List of Administrative Code Reimbursable Meetings Other than Ancillary Duties *Reimbursable meetings reports are placed on the agenda to comply with statutory and Calleguas Administrative Code requirements for members of a legislative body who attend a meeting at the expense of the local agency to provide a report of the meeting.*

Board members provided reports on various meetings that they attended which are subject to the District reimbursement policy.

3. Discussion regarding upcoming meetings to be attended by Board members
4. Request for Future Agenda Items

6. ADJOURNMENT

Director Waters declared the meeting adjourned at 6:21 p.m.

Respectfully submitted,

Raul Avila, Board Secretary

SCOTT H. QUADY, PRESIDENT
DIVISION 2

ANDY WATERS, VICE PRESIDENT
DIVISION 3

RAUL AVILA, SECRETARY
DIVISION 1

JACQUELYN MCMILLAN, TREASURER
DIVISION 5

THIBAUT ROBERT, DIRECTOR
DIVISION 4

ANTHONY GOFF
GENERAL MANAGER



BOARD MEMORANDUM

Date: August 16, 2023

To: Board of Directors

From: Ian Prichard, Associate General Manager – Strategic Policy Implementation; Kristine McCaffrey, Deputy General Manager; Dan Drugan, Manager of Water Resources and Public Affairs; and Tony Goff, General Manager

Subject: Item 5.A. – Draft 2023 Strategic Plan

Objective: Through the strategic planning process and adoption of the Draft 2023 Strategic Plan, provide an opportunity for Calleguas to work toward a future that brings the greatest value to its service area; establishes the direction of Calleguas; communicates its vision for the future; and identifies the District’s strategic priorities and objectives.

Recommended Action: Adopt the Draft 2023 Strategic Plan.

Discussion: The extreme water supply shortages across the state during the 2020-2022 period, and the unprecedented conservation Metropolitan Water District of Southern California (Metropolitan) required in 2022 to manage demand, galvanized the Calleguas Board of Directors to carve a new path for the District. At its strategic planning retreat in fall 2022, the Board articulated a redefinition of the District’s role in regional water management. This New Model for Resilience prioritizes developing additional water supplies, storage, conveyance, and programs to supplement imports from Metropolitan; and forging transformative partnerships with retailers, regional partners, elected officials, and the communities the District serves.

The 2023 Strategic Plan is intended to affirm this new vision. A draft of the 2023 Strategic Plan, which is organized around three Strategic Priorities: reliability, resilience, and regional leadership, was presented to the Board of Directors on August 2, 2023. Board comments have been compiled and are reflected in this latest version of the Draft 2023 Strategic Plan with minor modifications to the text on page 7 (Pursue Workforce Excellence), page 7 (Accomplish the Mission in a Cost-Effective Manner), page 8 (Prepare the Workforce for the Future).

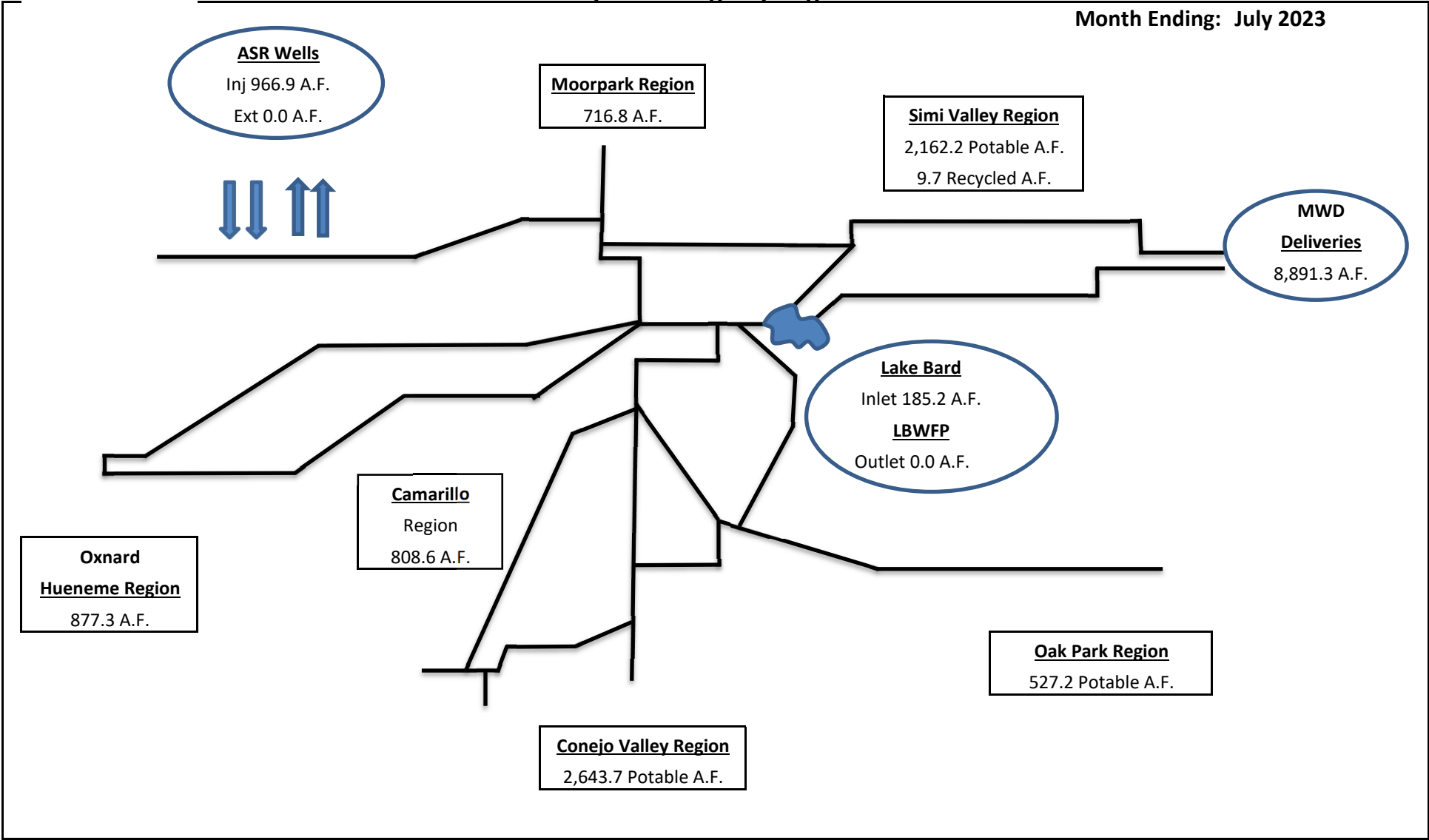
Attachments:

Due to file size, the Draft 2023 Strategic Plan can be accessed through the following link:

<https://www.dropbox.com/scl/fi/tm9m41iwi3lx6y3dghmwe/2023-08-10-Draft-Calleguas-Strategic-Plan-v2.pdf?rlkey=lelkhdg9tlae515bfh6b7jql5&dl=0>

**Calleguas Municipal Water District
Water Use and Sales
System Usage by Region**

Month Ending: July 2023



Current Fiscal Year to Date:

7,735.8	A.F. Potable
9.7	A.F. Recycled
59.4	A.F. SMP Brine
-	A.F. SMP Non-Brine

As of Fiscal Year 07/31/22

6,745.3	A.F. Potable
9.7	A.F. Recycled
23.9	A.F. SMP Brine
-	A.F. SMP Non-Brine

As of Fiscal Year 07/31/21

10,037.2	A.F. Potable
6.5	A.F. Recycled

**Calleguas Municipal Water District
Revenues from Water Sales
For the Month of July 2023**

Organization	Water Use Acre Feet	Water Sales	RTS, CRC, Penalties & Pumping Charges	Billing Amount
Potable Water				
Berylwood Heights Mutual Water Co.	-	\$ -	\$ 150.00	\$ 150.00
Brandeis Mutual Water Co.	5.3	8,639.56	951.00	9,590.56
Butler Ranch	-	-	150.00	150.00
California American Water Co	1,309.0	2,136,312.32	195,982.00	2,332,294.32
Camarillo, City of	221.8	362,033.50	71,475.00	433,508.50
Camrosa Water District	581.9	949,650.91	76,995.00	1,026,645.91
Crestview Mutual Water Co.	-	-	1,793.00	1,793.00
Ventura Co WWD #38	195.0	318,225.01	20,514.78	338,739.79
Solano Verde Mutual Water	31.9	52,054.66	5,945.00	57,999.66
Oak Park Water Service	172.8	282,089.48	71,845.83	353,935.31
Oxnard, City of	877.3	1,431,746.56	149,946.00	1,581,692.56
Pleasant Valley Mutual Water Co.	4.9	8,040.11	7,680.00	15,720.11
California Water Service Co.	606.1	989,109.64	164,735.88	1,153,845.52
Simi Valley, City of	1,686.9	2,753,082.09	283,520.81	3,036,602.90
Golden State Water	470.0	767,071.92	70,754.00	837,825.92
Thousand Oaks, City of	856.1	1,397,214.55	136,745.00	1,533,959.55
Ventura Co WWD #1	716.8	1,169,802.31	128,310.60	1,298,112.91
Ventura Co WWD #19	-	-	3,373.00	3,373.00
Potable Total	7,735.8	\$ 12,625,072.62	\$ 1,390,866.90	\$ 14,015,939.52

Potable 2022	6,745.3
Potable 2021	10,037.2

Organization	Water Use Acre Feet	Water Sales	Pumping Charges	Billing Amount
Recycled Water				
Simi Valley, City of (Rec)	9.7	12,899.59	-	12,899.59
Recycled Sales Total	9.7	\$ 12,899.59	\$ -	\$ 12,899.59

Recycled 2022	9.7
Recycled 2021	6.5

**Calleguas Municipal Water District
Revenues from Other Water Sales & SMP
For the Month of July 2023**

Organization	Water Use Acre Feet	Water Sales	RTS, CRC, Penalties & Pumping Charges	Billing Amount
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Construction Water Sales

Environmental Construction		\$	\$	\$
		\$	\$	\$
		\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -
Construction Water Sales Total	-	\$ -	\$ -	\$ -

Organization	Discharge Acre Feet	Water Sales	Const Replacement, Maint Fee & Penalties	Billing Amount
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SMP Brine Discharge

Camrosa		\$ -	\$ 1,082.00	\$ 1,082.00
Oxnard		\$ -	\$ -	\$ -
Camarillo	59.4	\$ 40,065.06	\$ 297.44	\$ 40,362.50
		\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -
Total SMP Discharge	59.4	\$ 40,065.06	\$ 1,379.44	\$ 41,444.50

SMP Brine 2022

SMP Non-Brine Discharge

Camrosa		\$ -	\$ -	\$ -
Oxnard		\$ -	\$ -	\$ -
Camarillo		\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -
Total SMP Discharge	-	\$ -	\$ -	\$ -

SMP Non-Brine 2022

Calleguas Municipal Water District
MWD Invoice Reconciliation
For the Month of July 2023

Source-MWD			
Metropolitan Delivery		8,891.3	\$ 10,749,581.70

Sales			
Purveyor Sales		7,735.8	\$ 9,352,582.20
Construction Sales		-	-
Zone Mutual Sales		-	-
		-	-
Total Sales Potable Water		7,735.8	\$ 9,352,582.20

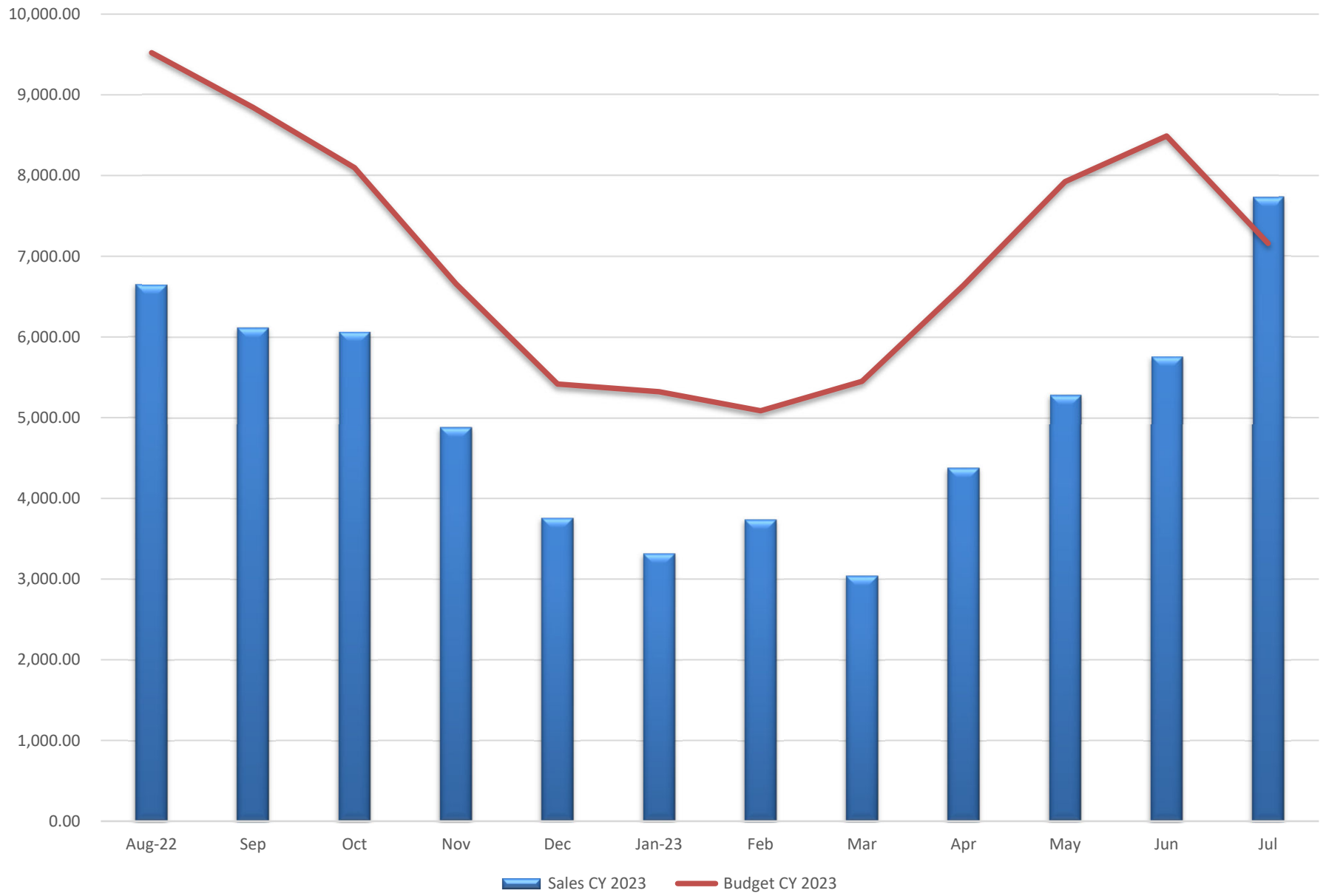
Storage			
Lake Bard Input (Storage)		185.2	223,906.80
Lake Bard Water Filter Plant Output (Use)		-	-
ASR Wells Input (Storage)		683.8	826,714.20
ASR Wells Output (Use)		-	-
		-	-
Total Storage Activity		869.0	1,050,621.00

Total Water Sales & Use	8,604.8	10,403,203.20
Reconciliation Adjustment	3.4	4,110.60
Water Sales per MWD	8,608.2	10,407,313.80

CRC		167,480.00
RTS		667,335.86
LRP		(109,072.00)
Conservation Program Costs		(63,659.34)
Turf Replacement		37,689.00
Cyclic Storage	283.1	267,529.50
Tier 2 Surcharge		-
RTS Adjustment for FY 2021/22		-

Total MWD Invoice for July 2023 11,374,616.82

Sales vs Budget Last 12 Months



**Calleguas Municipal Water District
Record Of Power Generation
Revenue Summary
Fiscal Year 2022-23**

June 1, 2023 to June 30, 2023

Hours Possible Generating:	3,600
Hours On Line - Generating:	1,379
Hours Off Line - Flow Conditions:	2,194
Hours Off Line - Maintenance:	29
Hours Off Line - Power Loss:	0

Monthly Revenue - FY 2022-23	
July - 2022	\$ 37,070.98
August	2,062.47
September	164.63
October	753.05
November	(271.09)
December	(152.85)
January - 2023	(14.16)
February	796.38
March	7,219.09
April	8,004.99
May	36,722.94
June	77,597.76
FY 2022-23 Total	\$ 169,954.19

FY 2022-23 Budget 400,000.00

Monthly Revenue - FY 2021-22	
July - 2020	\$ 71,882.57
August	60,036.66
September	75,467.42
October	35,479.31
November	33,891.81
December	14,637.14
January - 2021	8,723.55
February	35,838.59
March	27,587.29
April	15,789.66
May	28,879.16
June	48,533.71
FY 2021-22 Total	\$ 456,746.87

ANNUAL REVENUE

FY 2021-22 Total 456,746.87

FY 2020-21 Total 673,148.24

FY 2019-20 Total 816,467.58

**Calleguas Municipal Water District
Record Of Power Generation
Conejo Pump Station
Fiscal Year 2022-23**

June 1, 2023 to June 30, 2023

Hours Possible Generating:	720
Hours On Line - Generating:	41
Hours Off Line - Flow Conditions:	679
Hours Off Line - Maintenance:	0
Hours Off Line - Power Loss:	0

Monthly Revenue - FY 2022-23		Estimated Monthly Cost Savings - FY 2022-23		Monthly Revenue - FY 2021-22	
July - 2022	\$ 0.00	July - 2022	\$ 0.00	July - 2021	\$ 414.16
August	0.00	August	0.00	August	3,965.80
September	0.00	September	0.00	September	2,782.59
October	0.00	October	0.00	October	412.25
November	0.00	November	0.00	November	129.83
December	0.00	December	0.00	December	38.95
January - 2023	0.00	January - 2023	0.00	January - 2022	0.00
February	1.68	February	0.00	February	0.00
March	0.00	March	0.00	March	0.00
April	0.00	April	0.00	April	85.25
May	0.00	May	0.00	May	0.00
June	890.68	June	0.00	June	0.00
FY 2022-23 Total	\$ 892.36	FY 2022-23 Total	\$ 0.00	FY 2021-22 Total	\$ 7,828.83

ESTIMATED COST SAVINGS		ANNUAL REVENUE	
FY 2021-22 Total	\$ 19,736.00	FY 2021-22 Total	\$ 7,828.83
FY 2020-21 Total	\$ 578.00	FY 2020-21 Total	\$ 425.40

**Calleguas Municipal Water District
Record Of Power Generation
East Portal
Fiscal Year 2022-23**

June 1, 2023 to June 30, 2023

Hours Possible Generating:	720
Hours On Line - Generating:	716
Hours Off Line - Flow Conditions:	0
Hours Off Line - Maintenance:	5
Hours Off Line - Power Loss:	0

Monthly Revenue - FY 2022-23	
July - 2022	\$ 23,451.74
August	0.00
September	0.00
October	0.00
November	0.00
December	0.00
January - 2023	0.00
February	0.00
March	0.00
April	6,649.17
May	33,050.31
June	66,214.03
FY 2022-23 Total	\$ 129,365.25

Monthly Revenue - FY 2021-22	
July - 2021	\$ 55,061.83
August	31,772.19
September	53,289.45
October	20,462.27
November	20,170.19
December	7,334.54
January - 2022	6,351.99
February	24,948.99
March	11,647.49
April	10,887.06
May	21,579.16
June	39,616.85
FY 2021-22 Total	\$ 303,122.01

ANNUAL REVENUE

FY 2020-21 Total \$ 521,107.83

FY 2019-20 Total \$ 616,724.23

FY 2018-19 Total \$ 483,657.45

**Calleguas Municipal Water District
Record Of Power Generation
Santa Rosa
Fiscal Year 2022-23**

June 1, 2023 to June 30, 2023

Hours Possible Generating:	720
Hours On Line - Generating:	4
Hours Off Line - Flow Conditions:	692
Hours Off Line - Maintenance:	24
Hours Off Line - Power Loss:	0

Monthly Revenue - FY 2022-23	
July - 2022	\$ 776.98
August	352.99
September	0.00
October	825.30
November	99.94
December	0.00
January - 2023	62.46
February	0.00
March	0.00
April	106.80
May	0.00
June	124.23
FY 2022-23 Total	\$ 2,348.70

Monthly Revenue - FY 2021-22	
July - 2021	\$ 4,505.64
August	0.00
September	0.00
October	0.00
November	0.00
December	0.00
January - 2022	92.64
February	1,168.95
March	521.00
April	131.68
May	128.96
June	1,050.06
FY 2021-22 Total	\$ 7,598.93

ANNUAL REVENUE	
FY 2020-21 Total	\$ 14,115.14
FY 2019-20 Total	\$ 36,264.11
FY 2018-19 Total	\$ 14,552.28

**Calleguas Municipal Water District
Record Of Power Generation
Springville
Fiscal Year 2022-23**

June 1, 2023 to June 30, 2023

Hours Possible Generating:	720
Hours On Line - Generating:	81
Hours Off Line - Flow Conditions:	640
Hours Off Line - Maintenance:	0
Hours Off Line - Power Loss:	0

Monthly Revenue - FY 2022-23	
July - 2022	\$ 5,579.15
August	1,697.42
September	164.63
October	(72.25)
November	(371.03)
December	(214.25)
January - 2023	(167.72)
February	(562.22)
March	345.70
April	940.45
May	(234.54)
June	2,440.64
FY 2022-23 Total	\$ 9,545.98

Monthly Revenue - FY 2021-22	
July - 2021	\$ 4,092.58
August	19,264.12
September	14,899.57
October	7,699.47
November	7,952.57
December	2,677.56
January - 2022	991.06
February	3,742.85
March	6,931.35
April	67.96
May	1,684.40
June	141.52
FY 2021-22 Total	\$ 70,145.01

ANNUAL REVENUE

FY 2020-21 Total	\$ 60,788.34
FY 2019-20 Total	\$ 90,265.88
FY 2018-19 Total	\$ 75,011.85

**Calleguas Municipal Water District
Record Of Power Generation
Grandsen Pump Station
Fiscal Year 2022-23**

June 1, 2023 to June 30, 2023

Hours Possible Generating:	720
Hours On Line - Generating:	537
Hours Off Line - Flow Conditions:	183
Hours Off Line - Maintenance:	0
Hours Off Line - Power Loss:	0

Monthly Revenue - FY 2022-23	
July - 2022	\$ 7,263.11
August	12.06
September	0.00
October	0.00
November	0.00
December	61.40
January - 2023	91.10
February	1,356.92
March	6,873.39
April	308.57
May	3,907.17
June	7,928.18
FY 2022-23 Total	\$ 27,801.90

Monthly Revenue - FY 2021-22	
July - 2021	\$ 7,808.36
August	5,034.55
September	4,495.81
October	6,905.32
November	5,639.22
December	4,586.09
January - 2022	1,287.86
February	5,977.80
March	8,487.45
April	4,617.71
May	5,486.64
June	7,725.28
FY 2021-22 Total	\$ 68,052.09

ANNUAL REVENUE

FY 2020-21 Total	\$ 76,711.53
FY 2019-20 Total	\$ 48,923.13
FY 2018-19 Total	\$ 5,630.28

Calleguas Municipal Water District Cash & Investment Summary July 31, 2023

Account	Balance	Interest Rate
<u>Pooled Investment Accounts</u>		
LAIF	\$ 1,384,389.37	3.31%
Ventura County Pool	830,658.30	3.60%
Total Pooled Investments	\$ 2,215,047.67	
<u>Other Investments</u>		
Chandler Asset Management (US Bank)	\$ 172,643,176.50	4.92%
<u>Restricted Investments</u>		
Bank of New York - 2008 Series A	17,204.47	
Wells Fargo Bank - 2010 Series A & B Payment Acct	10,805.59	
US Bank - 2021 Payment Fund	2,031.77	
US Bank - 2014 Series A Payment Acct	4.02	
US Bank - 2016 Series A Payment Acct	4.36	
Total Restricted Investments	\$ 30,050.21	
Total - All Investments	\$ 174,888,274.38	
Cash Balance	2,017,247.38	
Total Cash and Investments	\$ 176,905,521.76	

Pooled Investment Summary

<u>Ventura County Pool</u>	
Balance as of June 30, 2023	\$ 827,575.84
Current Month Activity:	
Interest Paid	3,082.46
Transfer to General Fund Checking	-
Balance on Hand as of July 31, 2023	<u>\$ 830,658.30</u>

<u>Local Agency Investment Fund (LAIF)</u>	
Balance as of June 30, 2023	\$ 1,869,709.52
Current Month Activity:	
Interest Paid	14,679.85
Transfer to General Fund Checking	(500,000.00)
Balance on Hand as of July 31, 2023	<u>\$ 1,384,389.37</u>

All investments are in conformity with the Investment Policy of Calleguas Municipal Water District.
The cash & investments provide sufficient cash flow liquidity to meet all the estimated expenditures for the next six months.

**Calleguas Municipal Water District
Investment Listing
7/31/2023**

Cusip	Issuer	Amount	Coupon	Maturity Date	Cost	Book Value	Mkt Value	Accrued	S&P Rating	Mkt Yield	Purchase Yield	Mkt Duration	Security Type
4581X0EK0	Inter-American Dev Bank	3,410,000.00	4.5	5/15/2026	3,407,374.30	3,407,439.69	3,398,931.14	10,656.25	AAA	4.626	4.531	2.583	Supranational
91282CDA6	US Treasury	8,000,000.00	0.25	9/30/2023	7,981,250.00	7,998,410.57	7,931,872.00	6,721.32	AA+	5.401	0.371	0.165	US Treasury
91282CDD0	US Treasury	2,500,000.00	0.375	10/31/2023	2,491,308.59	2,498,881.30	2,469,532.50	2,369.23	AA+	5.310	0.556	0.247	US Treasury
91282CDV0	US Treasury	1,500,000.00	0.875	1/31/2024	1,495,429.69	1,498,854.29	1,466,953.50	35.67	AA+	5.400	1.029	0.487	US Treasury
91282CBR1	US Treasury	4,000,000.00	0.25	3/15/2024	3,830,625.00	3,943,953.17	3,875,468.00	3,777.17	AA+	5.382	2.574	0.608	US Treasury
91282CCX7	US Treasury	4,000,000.00	0.375	9/15/2024	3,810,625.00	3,907,120.38	3,784,844.00	5,665.76	AA+	5.365	2.515	1.093	US Treasury
91282CDB4	US Treasury	3,000,000.00	0.625	10/15/2024	2,855,976.56	2,930,204.03	2,836,875.00	5,532.79	AA+	5.333	2.630	1.172	US Treasury
91282CDH1	US Treasury	3,700,000.00	0.75	11/15/2024	3,546,074.22	3,624,945.28	3,492,740.80	5,881.79	AA+	5.296	2.381	1.252	US Treasury
91282CDN8	US Treasury	3,800,000.00	1	12/15/2024	3,546,320.31	3,642,392.07	3,588,625.00	4,879.78	AA+	5.247	4.193	1.332	US Treasury
91282CDS7	US Treasury	1,500,000.00	1.125	1/15/2025	1,493,378.91	1,496,747.43	1,414,921.50	779.55	AA+	5.219	1.277	1.411	US Treasury
91282CDZ1	US Treasury	3,000,000.00	1.5	2/15/2025	2,903,789.06	2,947,470.50	2,838,984.00	20,759.67	AA+	5.167	2.686	1.480	US Treasury
91282CED9	US Treasury	3,000,000.00	1.75	3/15/2025	2,922,421.88	2,956,714.19	2,844,375.00	19,830.16	AA+	5.116	2.681	1.558	US Treasury
91282XB1	US Treasury	4,000,000.00	2.125	5/15/2025	3,920,468.75	3,953,296.85	3,804,220.00	18,016.30	AA+	5.015	2.811	1.715	US Treasury
91282CEU1	US Treasury	2,600,000.00	2.875	6/15/2025	2,595,125.00	2,596,836.34	2,502,905.60	9,599.04	AA+	4.985	2.943	1.787	US Treasury
91282CAB7	US Treasury	4,000,000.00	0.25	7/31/2025	3,680,468.75	3,803,820.17	3,650,312.00	27.17	AA+	4.892	2.835	1.948	US Treasury
91282CFK2	US Treasury	3,800,000.00	3.5	9/15/2025	3,726,968.75	3,747,622.69	3,697,578.60	50,236.41	AA+	4.848	4.196	1.991	US Treasury
9128285J5	US Treasury	3,650,000.00	3	10/31/2025	3,618,490.23	3,628,873.55	3,512,270.90	27,672.55	AA+	4.787	3.273	2.124	US Treasury
91282CFW6	US Treasury	3,600,000.00	4.5	11/15/2025	3,618,843.75	3,614,590.40	3,578,907.60	34,336.96	AA+	4.770	4.309	2.132	US Treasury
912828YQ7	US Treasury	4,000,000.00	1.625	10/31/2026	3,738,945.31	3,790,498.51	3,661,564.00	16,426.63	AA+	4.449	3.361	3.093	US Treasury

Investment Type	Code	Total	Allowed
Treasury Obligations	US Treasury	61,776,509.76	100%
Municipal Securities	Municipal Bonds	6,650,000.00	20%
Medium Term Corporate Notes	Corporate	38,371,801.60	30%
Federal Agency Bonds	Agency	40,400,329.95	100%
Negotiable CD	Negotiable CD	-	30%
Commercial Paper	Commercial Paper	3,435,483.33	25%
Asset Backed Securities	ABS	11,843,377.34	15%
Supranational	Supranational	5,907,174.30	10%
Money Market Funds	Money Market Fund	4,258,500.22	20%
WF Investment Cash	Cash	-	20%
LAIF	LAIF	1,384,389.37	15%
VC Pool	Investment Pool	830,658.30	15%
	Restricted Inv	30,050.21	
		<u>174,888,274.38</u>	

SCOTT H. QUADY, PRESIDENT
DIVISION 2

RAUL AVILA, SECRETARY
DIVISION 1

THIBAUT ROBERT, DIRECTOR
DIVISION 4



ANDY WATERS, VICE PRESIDENT
DIVISION 3

JACQUELYN MCMILLAN, TREASURER
DIVISION 5

ANTHONY GOFF
GENERAL MANAGER

BOARD MEMORANDUM

Date: August 16, 2023
To: Board of Directors
From: Fernando Baez, Manager of Engineering
Subject: Item 6.A.3 – Second Quarter 2023 Change Order Summary Report

Objective: The purpose of this item is to provide a report on change orders that have been executed through the second quarter of 2023.

Discussion: Change Order summaries are provided for the following projects:

- LVMWD-CMWD Interconnection (Project No. 450)
- TOD Pump Station Rehabilitation (Project No. 590)
- Lake Sherwood Pump Station Rehabilitation (Project No. 591)

The East Portal Isolation Enhancements (Project No. 601) does not have any change orders on the project and the work is substantially complete with only punch list items remaining.

Attachments:

Change Order summary for LVMWD-CMWD Interconnection (Project No. 450)
Change Order summary for TOD Pump Station Rehabilitation (Project No. 590)
Change Order summary for Lake Sherwood Pump Station Rehabilitation (Project No. 591)

**LVMWD-CMWD Interconnection
(Project No. 450)
Summary of Change Orders**

Description of work	Reason	Cost (Credit) to Calleguas
Change Order No. 1 (approved by Senior Project Manager November 22, 2021)		
1-1 Pothole one sewer pipeline and delete requirement to pothole several other utilities	As required in the Contract Documents, the Contractor performed extensive utility potholing at the intersection of Lindero Canyon and Kanan Roads which is the location of the Interconnection Pipeline and Triunfo Water & Sanitation District Meter Station pipeline connections to Calleguas' existing Lindero Feeder. In an effort to streamline the potholing effort and minimize further disruption to the intersection and the local community during the night work required for potholing, it was determined that alternative approaches to design and construction would allow several potholes to be deleted. In lieu of these potholes, staff negotiated with the Contractor to pothole one sewer pipeline which was omitted from the Contract Documents. <i>(Requested during construction)</i>	No Cost
Change Order No. 2 (approved by the Board January 5, 2022)		
2-1 Modify the alignment and profile of the Interconnection Pipeline and appurtenances to accommodate actual utility locations.	<p>Upon review of the Contractor's potholing report, it was determined that multiple utility conflicts exist along the pipeline alignment shown in the Drawings and the alignment must be modified to avoid the noted utility conflicts. The additional work primarily includes:</p> <ul style="list-style-type: none"> • Increasing the depth of the Interconnection Pipeline and its blow-off structures at three deep large diameter storm drain under-crossings. • Increasing the depth of the Interconnection Pipeline and its access manholes along more than half of the alignment to avoid conflicts with existing shallow utilities. • Decreasing the depth of the Interconnection Pipeline in one short segment to avoid conflicts with existing utilities and requiring installation of a reinforced concrete cap to protect the pipeline due to shallow cover. • Increasing the requirements for restrained joint lengths along the Interconnection Pipeline due to the above changes. • 62 days of extended contractor overhead due to the impact of these changes on the overall project critical path. <p><i>(Could not reasonably have been anticipated during design)</i></p>	\$770,986.22

LVMWD-CMWD Interconnection Change Order Summary

Description of work	Reason	Cost (Credit) to Calleguas
Change Order No. 3 (approved by Acting Manager of Engineering February 9, 2022)		
3-1 Perform exploratory pothole at dip in roadway	The City of Thousand Oaks requested that Calleguas perform an exploratory pothole at a dip within the northbound lanes of Lindero Canyon Road, north of Blackbird Avenue, during the utility potholing effort. The potholing confirmed that there was an existing cracked sewer pipe. The owner of the sewer pipe (Triunfo Water and Sanitation District) will repair the dip in the roadway and sewer pipe when their work will not interfere with construction of this project. <i>(Requested during construction)</i>	\$4,472.55
3-2 Prepare modified shop drawings for VFD sections of the Switchboard	The Contract Documents require installation of Switchboards and variable frequency drives (VFDs) within the PS/PRS Electrical Room. Switchboards are electrical distribution equipment and VFDs are controllers used to vary pump motor speed. The sizes of these equipment were based on information provided by the design-basis manufacturer during design. However, during construction, it was discovered that the manufacturer had provided incorrect information and VFD sections in the Switchboard did not have enough space to accommodate all equipment, including circuit breakers. In order to accommodate all the required equipment, modifications to the Switchboard, including relocating circuit breakers, are required. The additional work includes preparing modified shop drawings to address these changes. A separate change order item will be required for the physical changes to the Switchboard. <i>(Could not reasonably have been anticipated during design)</i>	\$9,639.62
3-3 Postpone potholing work one night and consolidate into a contiguous block the following week	As indicated in Item 1-1, the Contractor performed extensive utility potholing at the intersection of Lindero Canyon and Kanan Roads. Following successive nights of potholing at this intersection, staff determined it was necessary to postpone potholing work from a Friday night to consolidate the remaining potholing into a contiguous block the following week to facilitate addressing noise concerns in the community. The additional work includes costs the Contractor incurred associated with the postponed work and extended Contractor overhead. <i>(Requested during construction)</i>	\$7,004.82
3-4 Pothole two electrical conduits not marked via the DigAlert utility notification process	The Contractor followed the DigAlert process as required by the Contract Documents and the law; however, two 5-inch electrical conduits shown on the Drawings were not marked by the utility owner. The Contractor attempted to pothole these conduits at the locations shown on the Drawings, but was not successful in finding them. The additional work included initiating a second utility notification and marking	\$2,527.26

LVMWD-CMWD Interconnection Change Order Summary

Description of work	Reason	Cost (Credit) to Calleguas
	request and successfully potholing and locating the two 5-inch conduits. <i>(Could not reasonably have been anticipated during design)</i>	
3-5 Pothole 42-inch Lindero Feeder No. 2 pipeline within North Ranch Country Club	The Contract Documents require the Contractor to pothole points of connection to existing pipelines and the nearest existing joints to those points of connection along existing pipelines. The nearest existing joints are potholed to verify there is adequate clearance from the point of connection and the nearest pipe joint. The Contractor attempted to pothole existing joints on both sides of a planned connection to Lindero Feeder No. 2, but was unsuccessful in locating the joints at locations shown in the Drawings. Additional potholing was required to ensure there are no existing joints too close to where the new tee connection will be installed. <i>(Could not reasonably have been anticipated during design)</i>	\$4,410.35
Change Order No. 4 <i>(approved by Manager of Engineering April 4, 2022)</i>		
4-1 Remove existing timber bollard and cable fence at the PS/PRS site and reinstall at the end of construction	Once the Contractor mobilized to the Pump Station (PS)/Pressure Reducing Station (PRS) site, it was discovered that approximately 125 linear feet of an existing timber bollard and cable fence at the site conflicted with the required site work and needed to be removed and relocated. The additional work includes removing existing timber bollards, concrete foundations, and cables and relocating the timber bollard and cable fence along a new 150 linear foot boundary using 5 new and 4 salvaged 13-inch diameter timber bollards cast in concrete foundations at the end of construction. <i>(Design Omission)</i>	\$15,319.71
4-2 Modify two angled pipe penetrations through the floor in the PRS Room	The Contract Documents required construction of angled pipe penetrations through the concrete floor into the Pressure Regulation Station Room (PRS Room) of the PS/PRS using a modular pipe sealing system and sleeves for wall penetrations. To improve constructability and the quality of the final work product, the angled pipe penetrations will be cast in place using steel collars/rings instead. The additional work also includes modifications to the structural concrete design at the penetrations. <i>(Design Omission)</i>	\$2,152.30
4-3 Modify the ladder into the Service Equipment Room to include lateral bracing	The Contract Documents require installation of a ladder into the Service Equipment Room at the PS/PRS. During review of structural steel submittals, it was determined that additional lateral bracing of the ladder was required to increase stability. <i>(Design Omission)</i>	\$989.25

LVMWD-CMWD Interconnection Change Order Summary

Description of work	Reason	Cost (Credit) to Calleguas
4-4 Modify the concrete stairs, cheek wall, and related reinforcement requirements in the PS/PRS	During review of reinforcing steel submittals, it was determined that minor modifications to the concrete stair, cheek wall, and related reinforcing steel construction requirements were necessary, including additional reinforcing steel and adjustments to concrete dimensions. <i>(Design Omission)</i>	\$2,249.75
4-5 Pothole existing electrical conduits and water pipe under the LPS1 Reverse Flow Valve Modifications	The Lindero Pump Station No. 1 (LPS1) Reverse Flow Valve modifications include removal and replacement of existing aboveground piping/fittings and a reverse flow valve along with construction of new concrete foundations and pipe supports. During construction, it was discovered that several utilities were located beneath the existing LPS1 Reverse Flow Valve footprint that could conflict with construction of the new concrete foundations. Additional effort was required to positively locate (via potholing) the existing utilities to verify the extents of any conflicts with the required concrete foundations. <i>(Design Omission)</i>	\$3,922.19
Change Order No. 5 <i>(approved by Manager of Engineering June 29, 2022)</i>		
5-1 Modify requirements for installation of LVMWD's Service Connection Cabinet (PRSTC) and Pressure Regulating Station Control Panel	The Contract Documents require the installation of an internet service connection cabinet inside the PRS Room for LVMWD. During construction, LVMWD requested an equipment change for their PRSTC resulting in a larger wall-mounted unit and the need for changes to the equipment layout to accommodate the larger PRSTC. In accordance with the requirements of the Interconnection Agreement, LVMWD will pay for this additional cost as part of the cost for PRS construction. <i>(Requested during construction)</i>	\$2,826.92
5-2 Cross under and support existing traffic signal conduits and cross and restore existing traffic inductive loop detectors at the intersections of Lindero Canyon Road with Lakeview Canyon Road and Kanan Road	During a site visit with City of Thousand Oaks staff to discuss upcoming construction activities, city staff identified the presence of an existing underground 2.5-inch traffic signal conduit across Lindero Canyon Road at the Lakeview Canyon Road intersection and a 3-inch traffic signal conduit across the Kanan Road intersection. These two conduits and traffic inductive loop detectors were not shown on the Drawings. It is anticipated that these conduits are relatively shallow when compared to the new 30-inch diameter Interconnection pipeline and so the decision was made not to pothole them. The additional work includes carefully excavating using hand tools to expose the conduits, crossing under and supporting these conduits during pipeline installation, and carefully backfilling the trench excavation with cement-sand slurry up to the springline of the existing conduits, as well as restoring the inductive loop detectors that will need to be cut during pipeline trench excavation. <i>(Design Omission)</i>	\$18,568.39

LVMWD-CMWD Interconnection Change Order Summary

Description of work	Reason	Cost (Credit) to Calleguas
5-3 Modify requirements for installation of LPS1 Reverse Flow Valve Modifications	The LPS1 Reverse Flow Valve modifications include removal of existing aboveground piping/fittings and a reverse flow valve and replacement with larger piping/fittings and a larger reverse flow valve along with construction of new concrete foundations and pipe supports. During construction, it was determined that changes to the design were necessary to accommodate existing conditions at LPS1, including changes to piping/fitting layout and end connections, changes to the concrete foundation for pipe supports, and changes to and resubmittal of shop drawings. <i>(Design Omission)</i>	\$23,912.57
5-4 Provide a handrail mounted to the guardrail at the Electrical Room concrete stairway	The Contract Documents require installation of a guardrail along the concrete stairway to the Electrical Room inside the PS/PRS. During the submittal review process, it was determined that a handrail needs to be mounted to the guardrail to meet Occupational Safety and Health Administration requirements due to the concrete stair width. <i>(Design Omission)</i>	\$1,598.54
5-5 Provide additional pipe supports inside the North PS/PRS Bypass Vault and inside the South PS/PRS Bypass Vault	The Contract Documents require installation of one pipe support each inside the North and South PS/PRS Bypass Vaults. During construction, it was determined that a second pipe support is required to support the second butterfly valve in each Bypass Vault. <i>(Design Omission)</i>	\$4,291.54
5-6 Relocate two plumbing piping vertical drops/cleanouts	The PS/PRS includes a storm water drainage system in the event rainwater enters the PS/PRS and a nuisance water drainage system in the event the piping inside the PS/PRS leaks. These drainage systems include underground drainage piping, vertical drops, cleanouts, drainage fixtures, and sump pumps. The Contractor installed two vertical drops at locations indicated in the Drawings; however, those locations were later found to conflict with concrete wall and reinforcement locations. The additional work includes relocating the two vertical drops/cleanouts away from the adjacent vertical wall to allow for concrete wall construction. <i>(Design Omission)</i>	\$1,532.42
Change Order No. 6 <i>(approved by the Board August 17, 2022)</i>		
6-1 Modify circuit breaker locations for VFD and active harmonic filter equipment and install mechanical kirk-key interlocks	As indicated in Item 3-2, the Contract Documents require installation of Switchboards and VFDs within the PS/PRS Electrical Room. The sizes and configurations of these equipment and their circuit breakers were based on information provided by the design-basis manufacturer during design. However, during construction, it was discovered that the manufacturer had provided incorrect information and VFD sections/cabinets (and the related active harmonic filter) in the Switchboard SBB did not have enough	\$596,217.16

LVMWD-CMWD Interconnection Change Order Summary

Description of work	Reason	Cost (Credit) to Calleguas
	<p>space to accommodate all equipment, including circuit breakers. To accommodate all the required equipment, modifications to the Switchboard SBB, including relocating circuit breakers, were required. The additional work includes physical changes to the Switchboard SBB and primarily includes:</p> <ul style="list-style-type: none"> • Relocating the circuit breakers for the VFDs and the active harmonic filter equipment to a separate cabinet within switchboard SBB to provide additional space for the VFD and active harmonic filter equipment within their respective cabinets. • Installing mechanical kirk-key interlocks between the relocated circuit breakers and their respective VFD/active harmonic filter cabinet doors to prevent access to energized parts behind cabinet doors unless the circuit breaker is de-energized. • 64 days of extended contractor overhead due to the impact of these changes on the overall project critical path. <p><i>(Could not reasonably have been anticipated during design)</i></p>	
<p>Change Order No. 7 <i>(approved by the General Manager October 04, 2022)</i></p>		
<p>7-1 Cross under and support five existing unknown and unmarked PVC utilities (ranging in size from 1.5" to 6")</p>	<p>The Drawings show known locations of existing utility crossings along the Interconnection pipeline alignment based on utility potholing and design phase utility research; additionally, as required by law, the Contractor notifies Digalert so that utilities in the work area can be marked ahead of construction. During construction, five unknown PVC conduits (ranging in size from 1.5" to 6") and at different locations were discovered that were not marked by the utility owner or shown on the Drawings. The additional work includes protecting these previously unknown utilities in place, supporting them, and crossing under them during installation of the Interconnection pipeline. <i>(Could not reasonably have been anticipated during design)</i></p>	<p>\$6,987.15</p>
<p>7-2 Modify grating support in the suction valve pit</p>	<p>The Contract Documents require construction of a suction valve pit within the PS/PRS, with a grated cover for personnel access. During construction, it was determined that it was necessary to modify the design for the suction valve pit grating supports. The additional cost includes procurement of the modified grating supports. <i>(Design Omission)</i></p>	<p>\$3,230.68</p>

LVMWD-CMWD Interconnection Change Order Summary

Description of work	Reason	Cost (Credit) to Calleguas
7-3 Relocate concrete slab construction joint in Pump Room	During construction, it was determined that a construction joint in the concrete slab needed to be relocated to avoid conflicts with columns within the Pump Room in the PS/PRS. The Contractor incurred additional cost to modify the previously procured rebar and related materials to implement the change. <i>(Design Omission)</i>	\$2,270.29
7-4 Install valve position transmitters with limit switches on the vertical turbine pump check valves	The Contract Documents require installation of a check valve downstream of each vertical turbine pump within the Pump Room to prevent reverse flow through the pumps. During review of the vertical turbine pump submittals, staff determined that valve position transmitters with limit switches needed to be added to the pump check valves to provide valve positions to calculate and automate flowrate and VFD speed control of the pumps during operation. The additional work includes installation of the limit switches with valve position transmitters and related wiring. <i>(Requested during construction)</i>	\$24,310.18
7-5 Install a P-Trap and related work at seven plumbing drain fixtures located within the PS/PRS	The Contract Documents require the installation of seven plumbing drain fixtures to drain nuisance water from the floor within the PS/PRS. The Contract Documents do not provide specific requirements for installing P-Traps and trap prime piping at these drain fixtures, although P-Traps and trap prime piping are necessary for proper operation of the drain system and to prevent odors. The additional work includes temporarily removing installed rebar, excavating in the vicinity of installed drain fixtures, and installing P-traps and trap prime piping based on additional design requirements. <i>(Design Omission)</i>	\$37,641.56
7-6 Cross under and support three existing unknown and unmarked PVC utilities (ranging in size from 4" to 6")	Similar to item 7-1 above, three additional unknown PVC conduits (ranging in size from 4" to 6") were discovered during construction that were not marked by the utility owner or shown on the Drawings. The additional work includes protecting these previously unknown utilities in place, supporting them, and crossing under them during installation of the Interconnection pipeline. This required significantly more effort than Item 7-1 due to soil conditions, the size of these conduits, and the fact they were all clustered within close proximity to each other. <i>(Could not reasonably have been anticipated during design)</i>	\$9,591.19

LVMWD-CMWD Interconnection Change Order Summary

Description of work	Reason	Cost (Credit) to Calleguas
Change Order No. 8 (approved by the General Manager October 27, 2022)		
<p>8-1 Install cement-sand slurry backfill instead of a reinforced concrete cap over a segment of the Interconnection pipeline</p>	<p>As indicated in Item 2-1, the depth of the Interconnection pipeline in one segment was decreased to avoid conflicts with existing utilities, requiring the installation of a reinforced concrete cap to protect the pipeline due to shallow cover. As pipeline construction progressed to the location where the concrete cap was to be installed, it was discovered that the pipeline would have less than the minimum required earth cover at either end of the concrete cap thus requiring an extension at both ends as well as widening of the concrete cap beyond the requirements in Item 2-1.</p> <p>The revised design extended the length of the concrete cap from 85 feet to 115 feet and required it to be 3 feet wider than the existing trench width. The Contractor indicated that the estimated additional cost for the longer and wider concrete cap was on the order of several hundred thousand dollars.</p> <p>In an effort to mitigate this additional cost and find a more cost-effective solution, the District determined that backfilling the pipeline with a two-sack cement-sand slurry mix would provide the necessary protection for the shallow portions of the Interconnection pipeline.</p> <p>Due to the fact that resolution of this issue required some time and Interconnection pipeline installation in this area was interrupted during this time, procurement and restocking of materials for the concrete cap which was ultimately deleted, and modifications to traffic control required for the work, there is a net cost increase for this item. However, this cost increase is substantially smaller than it would have been if the cap had been enlarged instead. <i>(Could not reasonably have been anticipated during design)</i></p>	<p>\$59,186.82</p>
Change Order No. 9 (approved by the Manager of Engineering March 01, 2023)		
<p>9-1 Cross under and support one existing 3" unmarked traffic signal conduit at the intersection of Lindero Canyon Road with Rockfield Street</p>	<p>During discussions with City of Thousand Oaks staff, City staff identified the presence of an existing underground 3" traffic signal conduit across Lindero Canyon Road at the Rockfield Street intersection. This conduit was not shown in the Drawings. The additional work includes carefully excavating using hand tools to expose the conduit, crossing under and supporting this conduit during pipeline installation, and carefully backfilling the trench excavation with cement-sand slurry up to the springline of the existing conduit. <i>(Could not reasonably have been anticipated during design)</i></p>	<p>\$8,683.50</p>

LVMWD-CMWD Interconnection Change Order Summary

Description of work	Reason	Cost (Credit) to Calleguas
9-2 Modify the square wet well covers for the Nuisance Water Pumps and Storm Water Drainage Pumps	The Contract Documents require installation of two separate floor drainage systems within the PS/PRS: one for Nuisance Water and one for Storm Water. During construction, it was discovered that modifications to the wet well covers for both drainage systems were necessary to accommodate conduits serving the pumps located inside the wet wells. <i>(Requested during construction)</i>	No Cost
9-3 Modify the Generator Cable Grate and its padlock hasp assembly	The Contract Documents require installation of a Generator Cable Grate (hinged grate) above the Service Equipment Room at the PS/PRS. The hinged grate includes multiple ports to accommodate cables for connection of aboveground portable backup generators to the underground PS/PRS electrical power distribution system in the event of loss of utility power. During construction, it was discovered that the construction details were not complete and required additional design effort to clarify and specify the requirements for construction of the hinged grate and its padlock hasp assembly and for preparation of shop drawings and fabrication of the unit. <i>(Design Omission)</i>	\$13,601.30
9-4 Modify conductors within two conduits for Nuisance Water and Storm Water Drainage pump motors	During construction it was discovered that two electrical conduits from the Nuisance Water and Storm Water drainage pump motors to their respective control panels are susceptible to transmitting moisture that could potentially damage equipment within the control panels. To prevent the entrance of moisture into the control panels, the electrical conductors inside these conduits were changed to a non-wicking type and the conduit entrances into their respective control panels will be sealed. <i>(Design Omission)</i>	\$1,123.12
9-5 Cross under and support three existing unknown and unmarked PVC utilities (ranging in size from 4" to 6")	Similar to items 7-1 and 7-6, three additional unknown PVC conduits (ranging in size from 4" to 6") were discovered during construction that were not marked by the utility owner or shown on the Drawings. The additional work includes protecting these previously unknown utilities in place, supporting them, and crossing under them during installation of the Interconnection pipeline. <i>(Could not reasonably have been anticipated during design)</i>	\$3,782.28
9-6 Provide additional rebar detailing for the portions of the PS/PRS concrete roof between the pump and check valve hatches	The PS/PRS concrete roof includes multiple hatches, including those above the vertical turbine pumps and the pump check valves. During construction, it was discovered that additional work is required for the Contractor to provide additional rebar between the pump and check valve hatches. The additional work included adding additional rebar detailing to the rebar shop drawings. <i>(Design Omission)</i>	\$2,015.20

LVMWD-CMWD Interconnection Change Order Summary

Description of work	Reason	Cost (Credit) to Calleguas
Change Order No. 10 (approved by the Manager of Engineering March 31, 2023)		
10-1 Cross under and support two existing unknown and unmarked PVC utilities (4" and 6" diameters)	Similar to items 7-1, 7-6, and 9-5, two additional unknown PVC conduits (4" and 6") were discovered during construction that were not marked by the utility owner or shown on the Drawings. The additional work includes protecting these previously unknown utilities in place, supporting them, and crossing under them during installation of the Interconnection pipeline. <i>(Could not reasonably have been anticipated during design)</i>	\$4,320.96
10-2 Modify routing of the hydronic and plumbing piping and modify ventilation duct sizes and routing	The Contract Documents require installation of hydronic and cold water plumbing system piping within the PS/PRS including near the Electrical Room's window. The Contract Documents also require installation of ventilation system ducts throughout the PS/PRS including the Pump Room. During construction, it was discovered that modifications to the routing of the hydronic and cold water plumbing system piping were necessary to accommodate the location of the Electrical Room window. It was also discovered that changes to the routing and sizes of ventilation ducts were required near the Electrical Room to accommodate structural concrete beams and the PS/PRS roof. <i>(Design Omission)</i>	\$21,908.07
10-3 Support the 42" Lindero Feeder No. 2 pipeline at the North Ranch Country Club (NRCC) controlled venting vacuum relief valve location and modify trench backfilling requirements	The Contract Documents require installation of a new 42"x4" cut-in tee on Lindero Feeder No. 2 located within the NRCC to install a new 4-inch controlled venting vacuum relief valve. The work was performed, in part, during a shutdown which occurred during extremely wet weather in January 2023. The resulting surface stormwater flows near the tie-in location resulted in extremely muddy conditions within the excavation and caused the development of voids along the existing pipeline outside of the shoring system. To fill these voids and provide a more efficient pipe bedding and excavation backfill process, the existing Lindero Feeder No. 2 was supported in place and was backfilled with two sack cement-sand slurry instead of compacted sand. <i>(Could not reasonably have been anticipated during design)</i>	\$8,044.76
10-4 Modify the extent of the Work Area along the east side of the PS/PRS site	The Contract Documents define the Work Area at the PS/PRS site, including the areas available for equipment and material laydown and storage. To maximize the area available for construction operations, the contractor located their field office and various materials and equipment along the eastern side of the Work Area adjacent to Lindero Creek. However, the extremely wet weather during January – March 2023 resulted in slope erosion along the bank of	\$21,258.15

LVMWD-CMWD Interconnection Change Order Summary

Description of work	Reason	Cost (Credit) to Calleguas
	<p>Lindero Creek and within feet of the Work Area. Out of an abundance of caution and after consulting with the design team, an exclusion zone was established to provide a minimum of 25 feet clearance from the top edge of the erosion feature resulting in the reduction of the Work Area. The additional work included relocating construction material, a large equipment storage shed, and temporary construction fences, and implementing Stormwater Pollution Prevention Plan Best Management Practices outside of the exclusion zone. <i>(Could not reasonably have been anticipated during design)</i></p>	
<p>10-5 Provide stormwater management through and around the NRCC Shutdown Work Area</p>	<p>As indicated in Item 10-3, work related to the shutdown at NRCC was performed during extremely wet weather in January 2023. To manage surface stormwater flows, including related overflows from NRCC's upstream reservoir and to prevent these flows from flooding the Work Area, additional work was required to deploy two surface dewatering pumps and multiple dewatering hoses and pipes in advance of the pipeline tie-in work. <i>(Could not reasonably have been anticipated during design)</i></p>	<p>\$18,490.34</p>
<p>10-6 Provide additional filler plates to use at butt strap locations during the Kanan Shutdown tie-in work</p>	<p>As part of the Kanan Shutdown tie-in work, the Contract Documents require installation of one new 30"x30" cut-in tee, one new 30"x20" cut-in tee, and three isolation butterfly valves along Lindero Feeder No. 2 within the Lindero Canyon Road/Kanan Road Intersection. The cut-in tees are connected to the existing pipeline using welded steel butt straps. In an effort to proactively plan for the possibility that the existing pipeline's outside diameter was different from that shown on the pipeline record drawings, additional filler plates of different thicknesses were procured in advance of the tie-in work. As part of the tie-in work, several of these filler plates were necessary and used to complete the pipeline connections because the outside pipeline diameter varied. Having these additional filler plates on site allowed for the shutdown work to be completed on schedule and return the pipeline to service without delay. The remaining filler plates will be stored with the other emergency repair supplies at Wellfield No. 1. <i>(Requested during construction)</i></p>	<p>\$10,788.86</p>
<p>Change Order No. 11 <i>(approved by the General Manager May 30, 2023)</i></p>		
<p>11-1 Modify hydronic system piping to facilitate compliance with ANSI/NSF-61 requirements</p>	<p>The Contract Documents require that materials in contact with potable water be ANSI/NSF-61 certified. This requirement includes hydronic system piping and appurtenances. During review of hydronic system submittals and requests for information, it was discovered that several components of the hydronic</p>	<p>\$7,889.39</p>

LVMWD-CMWD Interconnection Change Order Summary

Description of work	Reason	Cost (Credit) to Calleguas
	<p>system piping for the Condenser Water HVAC Pump were not readily available with NSF-61 certification in the size required. To address this issue, the design was modified to provide for use of more readily available NSF-61 certified components and a resubmittal was required. <i>(Design Omission)</i></p>	
<p>11-2 Support the 30" Lindero Feeder No. 2 pipeline at the Kanan Shutdown tie-in location, install foundation stabilization material, and modify backfilling requirements</p>	<p>As indicated in Item 10-6, the Kanan shutdown tie-in work was completed on schedule and the pipeline was returned to service without delay in February 2023. However, the large pipe excavation (approximately 14' wide x 16' long x 20' deep) was not immediately backfilled due to extremely wet weather that followed completion of the shutdown tie-in work and schedule constraints regarding partial closures of the Kanan/Lindero Canyon Road intersection. The pipe excavation remained shored, covered with traffic-rated steel plates, and the intersection remained open to traffic for several weeks following the shutdown tie-in work. After several heavy rainstorms had passed, the steel plates were removed, and it was discovered that rainwater entered the excavation resulting in several feet of standing water and muddy conditions at the bottom of the excavation.</p> <p>To help ensure a proper subgrade and firm foundation for the pipe prior to placing up to 17 feet of cement sand slurry of backfill material over the top of it, it was determined that additional effort was required to modify the pipe bedding due to the wet and muddy conditions. The additional work included removing soft saturated materials from under the pipe and replacing them with crushed rock wrapped in geotextile fabric, temporarily supporting the pipe on blocks, placing 3-sack cement sand slurry bedding under the haunches of the pipe, and placing the contractually-required 1-sack cement sand slurry backfill a week later via a second mobilization to ensure that bedding placed the week prior had sufficiently hardened. <i>(Could not reasonably have been anticipated during design)</i></p>	<p>\$91,010.93</p>
<p>11-3 Continue installation of the Interconnection pipeline north of the Bowfield Street / Lindero Canyon Road intersection</p>	<p>Groundwater seepage into the Interconnection pipeline trench was encountered south of the Bowfield Street/ Lindero Canyon Road intersection, creating construction and trench dewatering issues. To continue forward progress with pipeline construction, the Contractor mobilized north of the affected area and resumed pipeline construction in dry trench conditions. The additional work includes installation of an additional welded steel butt strap connection, deployment of additional traffic control measures, and mobilization of</p>	<p>\$88,524.52</p>

LVMWD-CMWD Interconnection Change Order Summary

Description of work	Reason	Cost (Credit) to Calleguas
	equipment and workforce to north of the Bowfield Street/Lindero Canyon Road intersection. <i>(Could not reasonably have been anticipated during design)</i>	
	Total	\$ 1,917,280.81

Original contract amount: \$ 21,371,000.00
 Change Orders: \$ 1,917,280.81 (8.97%)
 New contract amount: \$ 23,288,280.81

BREAKDOWN OF CHANGE ORDERS BY CATEGORY	Amount	Percentage of Original Contract Amount
Design omission	\$164,216.27	0.77%
Design error	\$0	0%
Could not reasonably have been anticipated during design	\$1,703,661.21	7.97%
Requested during construction	\$49,403.33	0.23%

**TOD PUMP STATION REHABILITATION
(Project No. 590)
Summary of Change Orders**

Description of Work	Reason	Cost (Credit) to Calleguas
Change Order No. 1 (approved by the Manager of Engineering October 6, 2021)		
1-1 Install temporary aboveground conduits to preserve functionality during construction of the Isolation Valve Vault.	During potholing, the contractor located a large concrete-encased duct bank in a different location than shown on the plans. Although the actual location of this duct bank conflicts with the location of the new Isolation Valve Vault, all of the functionality of the ducts within it will be replaced by new permanent conduits installed as part of the project. In order to maintain functionality during construction, it was determined to be most cost effective to install temporary conduits with temporary wires, which will be removed later. Removal will be paid for under a separate change order. <i>(could not reasonably have been anticipated during design)</i>	\$20,995.18
Change Order No. 2 (approved by the Senior Project Manager November 16, 2021)		
2-1 Install additional contacts and wiring from the Local-Off-Remote switches in the switchgear to use as inputs to the programmable logic controller (PLC) in the Pump Station Control Panel.	During design of the Pump Station Control Panel, the control panel designer and fabricator discovered that, although the instrumentation drawings show Local-Off-Remote selector switches in the pump control circuits, they do not provide for the necessary contacts and wiring to use as inputs for the PLC. <i>(design omission)</i>	\$2,256.44
Change Order No. 3 (approved by the Senior Project Manager June 3, 2022)		
3-1 75% of the cost of certain materials, specifically the pump control valves, large wire/cable, and steel framing material for the canopy, may be included in progress payments prior to installation if certain conditions are met.	Due to supply chain issues affecting the availability of materials and equipment, the contractor and electrical subcontractor procured certain equipment and materials early in order to avoid potential increases in cost and ensure the materials and equipment are on site when needed. In some cases, this meant they had to procure the equipment or material many months ahead of when they would be ready to install it. The Contract Documents typically do not allow contractors to request payment for materials until they have been installed; however, under the circumstances, staff determined that the procurement and payment would be in the best interest of the project and District, as long as the contractor meets certain requirements. There is no additional cost to the District, just a shift in the timing of payment. <i>(request by the contractor)</i>	No cost

TOD PUMP STATION REHABILITATION
Summary of Change Orders

Description of Work	Reason	Cost (Credit) to Calleguas
Change Order No. 4 (approved by the General Manager October 3, 2022)		
4-1 Install larger wires for the Cla Val control valves and a larger feed breaker for the pump station control panels.	The Contract Documents specified a certain size of wiring and breaker for the Cla Val pump control valves. During construction, it was discovered that the wire and breaker were too small and it was necessary to install larger wires and a larger breaker. <i>(design omission)</i>	\$13,226.66
4-2 Install four Motor Resistance Temperature Detectors (RTDs) and associated devices, conduits, and wires.	The Contract Documents did not include RTDs and the associated devices, conduits, and wires, but these items, along with a weatherproof enclosure, are needed to perform temperature measurement and alarm detection as part of the temporary controls to allow for continued operation of the pump station during construction. <i>(design omission)</i>	\$39,081.95
Change Order No. 5 (approved by the Senior Project Manager April 7, 2023)		
5-1 50% of the cost of 4160 volt switchgear may be included in progress payments prior to installation if certain conditions are met.	This is similar to Change Order Item 3-1 above. Due to supply chain issues affecting the availability of materials and equipment, the electrical subcontractor procured certain equipment and materials early in order to avoid potential increases in cost and ensure the materials and equipment are on site when needed. In some cases, this meant they had to procure the equipment or material many months ahead of when they would be ready to install it. The Contract Documents typically do not allow contractors to request payment for materials until they have been installed; however, under the circumstances, staff determined that the procurement and payment would be in the best interest of the project and District, as long as the contractor meets certain requirements. There is no additional cost to the District, just a shift in the timing of payment. <i>(request by the contractor)</i>	No cost
Total		\$75,560.23

Original contract amount: \$5,081,835.00
Change Orders: \$75,560.23 (1.49%)
New contract amount: \$5,157,395.23

BREAKDOWN OF CHANGE ORDERS BY CATEGORY	Amount	Percentage of Original Contract Amount
Design omission	\$54,565.05	1.07%
Could not reasonably have been anticipated during design	\$20,995.18	0.41%

LAKE SHERWOOD PUMP STATION REHABILITATION
(Project No. 591)
Summary of Change Orders

Description of Work	Reason	Cost (Credit) to Calleguas
Change Order No. 1 (approved by the Manager of Engineering December 15, 2021)		
1-1 Delete requirements for flat/back facing and scribing the arrow on the shaft on all butterfly valves and delete the requirement for lifting lugs on buried butterfly valves only.	The contractor's valve supplier said that there would be an unacceptably long lead time to procure the butterfly valves required for the first shutdown. In order to allow the contractor to perform the work during the allowable shutdown season, staff waived some of the requirements for the valves in order to have them delivered in time. Staff felt that waiving these requirements would not significantly affect the operability and maintainability of the valves. <i>(could not reasonably have been anticipated during design)</i>	(\$1,725.00)
1-2 Install steel collar plates on corroded areas of the pipe in the Meter Vault and replace the existing outlets for air/vac valve and pressure gauge with new outlets.	After removing paint from the existing pipe in the Meter Vault, it was discovered that there was more pitting and corrosion on the pipe and outlets than anticipated. Collar plates were used to cover the pitted areas on the pipe and new outlets were installed to replace the corroded ones. <i>(could not reasonably have been anticipated during design)</i>	\$1,433.18
1-3 Delete the requirement for procuring an 8-inch butterfly valve for the new check valve bypass piping outside the pump station and install an Owner-furnished valve instead.	When the new 8-inch butterfly valve that the contractor procured was delivered to the site, staff found that the coating on the valve was unacceptable, with numerous chips and areas where the lining was either too thin or too thick to meet NSF-61 requirements (the requirements for linings in contact with potable water), so the valve was rejected. There was not enough time for the contractor to procure another valve to use during the shutdown, so to facilitate the project, Calleguas staff procured one from a local supplier and provided it to the contractor. <i>(could not reasonably have been anticipated during design)</i>	(\$1,356.33)
1-4 Repair an existing leak on the 16-inch suction pipeline outside the pump station structure.	When the contractor excavated outside the pump station to install a new connection on the existing suction pipe, a small leak in the pipe was discovered that needed to be repaired. <i>(could not reasonably have been anticipated during design)</i>	\$1,345.96

LAKE SHERWOOD PUMP STATION REHABILITATION
Summary of Change Orders

Description of Work	Reason	Cost (Credit) to Calleguas
<p>1-5 Pothole and survey the locations of the existing 5-inch Southern California Edison (SCE) and 2-inch communications conduits, which were in different locations than shown on the Contract Documents or marked in the field.</p>	<p>During potholing, the contractor attempted to locate existing 5-inch SCE and 2-inch communications conduits, but was unable to do so where they were shown on the plans or marked in the field by DigAlert. They later found the conduits in a different location while excavating for the new discharge surge tank vault. Staff directed the contractor to carefully locate the lengths of the conduits that might affect construction of the pump station facilities and provide survey data so that they could be properly plotted on the plans and any potential design modifications could be identified. The location of the surge tank vault had to be modified to accommodate the actual location of these utilities. Costs associated with modifying the location of the surge tank vault will handled under a separate change order. <i>(could not reasonably have been anticipated during design)</i></p>	<p>\$9,127.62</p>
<p>Change Order No. 2 <i>(approved by the Manager of Engineering April 4, 2022)</i></p>		
<p>2-1 Install a 2½" conduit with two cables (one for the antenna on the roof and one spare) instead of a 1½" conduit with one cable.</p>	<p>Calleguas' purveyor requested the ability to have an antenna on the top of the Lake Sherwood Reservoir with the same type of cable used for Calleguas' antenna. Due to the size of this additional cable, it was necessary to increase the conduit to 2½". <i>(Calleguas requested during construction)</i></p>	<p>\$10,487.48</p>
<p>2-2 Remove the existing pump station footing projection where the new vault structure abuts the existing concrete shaft and apply a coat of epoxy on the exposed surfaces of any cut reinforcement.</p>	<p>After excavating for construction of the new discharge surge tank vault adjacent to the pump station structure, the contractor discovered that there was a concrete footing around the bottom of the structure, not indicated on the record drawings, that would interfere with the new vault, so it was necessary for the contractor to remove the interfering portion of the footing. <i>(Could not reasonably have been anticipated during design)</i></p>	<p>\$893.42</p>
<p>Change Order No. 3 <i>(approved by the Manager of Engineering August 9, 2022)</i></p>		
<p>3-1 Install a new bypass switch and load center and associated components to properly distribute power from the Uninterruptible Power Supply (UPS) to critical control devices that would need it during a power outage.</p>	<p>The Contract Documents showed the UPS providing power to a limited amount of equipment. During construction, it became apparent that additional breakers downstream of the UPS are required in order to provide power to additional critical components that would need it during a power outage. A new bypass switch and power load center were installed to allow the UPS to properly distribute power to the additional critical devices. <i>(design omission)</i></p>	<p>\$13,159.34</p>

LAKE SHERWOOD PUMP STATION REHABILITATION
Summary of Change Orders

Description of Work	Reason	Cost (Credit) to Calleguas
3-2 Install the equipment needed to enable High Temperature Shutdown for all four pumps .	The Contract Documents did not include provisions for High Temperature Shutdown for the pumps, but they are needed for safe operation of the pump station. This work included the installation of additional junction boxes, conduit, wiring, and associated fittings at the four pumps in order to provide the necessary signals from the pump station control panel to shut down the pumps in the event the motors get too hot. <i>(design omission)</i>	\$19,169.75
Change Order No. 4 <i>(approved by the General Manager August 29, 2022)</i>		
4-1 Construct the Discharge Surge Tank, and related vault, piping, and other associated facilities in a different location.	During potholing, the contractor discovered that the existing 5-inch SCE and 2-inch communications conduits conflicted with the designed location of the Discharge Surge Tank Vault. The location of the Discharge Surge Tank Vault was modified to avoid the conflict. The relocation resulted in the large concrete surge tank vault being placed further away from the main pump station in of the adjacent slope, which required additional piping to reach the surge tank, additional earthwork, additional concrete and rebar for a concrete pad and steps around the vault and aluminum railing that were not originally required. <i>(could not reasonably have been anticipated during design)</i>	\$99,129.44
4-2 Install a different power monitor.	The Contract Documents specified a power monitor, but Calleguas has recently begun standardizing on a different power monitor for all installations. <i>(Calleguas requested during construction)</i>	No cost
Change Order No. 5 <i>(approved by the Senior Project Manager April 6, 2023)</i>		
5-1 Assist the District with repairing a pipeline break.	On July 12, 2022, there was a leak on the Lake Sherwood Feeder on Moorpark Road between Rolling Oaks Drive and Los Padres Drive, south of the 101 Freeway, in Thousand Oaks. This pipeline delivers water to Ventura County Waterworks District No. 38, which serves the community of Lake Sherwood, and is the only source of potable water to this area. At the time of the break, the District's emergency contractor was not immediately available and MMC had equipment and staff nearby and available to assist with the initial response so the General Manager authorized MMC to do so, in accordance with the emergency provisions of the General Conditions. This covers the cost of all of the assistance MMC provided, although ultimately the majority of the repair was performed by another contractor under separate contractual authority. <i>(Calleguas requested during construction)</i>	\$1,900.33

LAKE SHERWOOD PUMP STATION REHABILITATION
 Summary of Change Orders

Description of Work	Reason	Cost (Credit) to Calleguas
5-2 Assist the District in backfilling ruts caused by erosion in the access road to Lake Sherwood Tank.	On January 12, 2023, staff noticed deep ruts in the access road leading from Lake Sherwood Pump Station to Lake Sherwood Tank. The ruts made it difficult for staff to access the tank, so they asked MMC, who had the needed equipment at the Lake Sherwood Pump Station Rehabilitation site, to backfill the ruts and make the road passable. <i>(Calleguas requested during construction)</i>	\$595.25
	Total	\$154,160.44

Original contract amount: \$2,844,000.00
 Change Orders: \$154,160.44 (5.42%)
 New contract amount: \$2,998,160.44

BREAKDOWN OF CHANGE ORDERS BY CATEGORY	Amount	Percentage of Original Contract Amount
Design omissions	\$32,329.09	1.14%
Could not reasonably have been anticipated during design	\$108,848.29	3.83%
Calleguas requested during construction	\$12,983.06	0.46%

Upcoming Meetings

This table includes meetings that can be attended by all Board members.

In order to ensure Brown Act compliance, a majority of members should not discuss Calleguas specific issues at meetings other than designated Calleguas Board Meetings.

AWA (Dark in August)		
Calleguas Board Meeting	Wed. 08/16, 5:00 p.m.	2100 Olsen Road, Thousand Oaks Hybrid Event
Calleguas Water Managers Meeting (formerly Purveyor Managers Meeting)	Thu. 08/24 10:00 a.m.	2100 Olsen Road, Thousand Oaks
ACWA's Quarterly Regulatory Committee Meetings* Agriculture, Energy, Groundwater, Water Management & Water Quality	Wed. 08/30, 9:00 a.m. to 5:00 p.m.	Virtual Only
Calleguas Board Meeting	Wed. 09/06, 5:00 p.m.	2100 Olsen Road, Thousand Oaks Hybrid Event
MET State Water Project Tour	Fri. 9/8 to Sun. 9/10	Sacramento
AWA Reception for Elected Officials*	Thu. 9/14 5:00 p.m.	Ronald Reagan Library
AWA Water Issues	Tue. 09/19, 8:00 a.m.	1701 Lombard Street, Oxnard Hybrid Event
Calleguas Board Meeting	Wed. 09/20, 5:00 p.m.	2100 Olsen Road, Thousand Oaks Hybrid Event
AWA-WaterWise*	Thu. 09/21, 8:00 a.m.	1701 Lombard Street, Oxnard Hybrid Event
AWA CCWUC*	Wed. 09/27, 8:00 a.m.	TBD
Calleguas Water Managers Meeting (formerly Purveyor Managers Meeting)	Thu. 09/28 10:00 a.m.	2100 Olsen Road, Thousand Oaks
Ventura County Special Districts	Mon. 10/03 5:00 p.m.	TBD
Calleguas Board Meeting	Wed. 10/04, 5:00 p.m.	2100 Olsen Road, Thousand Oaks Hybrid Event
AWA Water Issues	Tue. 10/17, 8:00 a.m.	1701 Lombard Street, Oxnard Hybrid Event
Calleguas Board Meeting	Wed. 10/18, 5:00 p.m.	2100 Olsen Road, Thousand Oaks Hybrid Event

** Reservations required. Contact Kara if you would like to attend.*