

CRESCENTA VALLEY WATER DISTRICT

**2700 Foothill Boulevard
La Crescenta, California**

And

**Director Raghavachary
Teleconference Site Located at
Town Place Suites
2823 Seventh Ave, Room 226
Marion, IA 52302**

**Agenda for the
Regular Meeting of the Board of Directors
of the Crescenta Valley Water District
to be held on Tuesday, January 10, 2023, at 7:00 p.m.**

Posted: Friday, January 6, 2022 at 4:30 p.m.

This meeting will be conducted in person at the addresses listed above. Members of the public may also participate virtually by using a touchtone phone. You may select any of the following phone numbers (there are more than one for increased reliability during this time of increased phone traffic)

(669) 900-6833

(346) 248-7799

(929) 205-6099

(253) 215-8782

(301) 715-8592

(312) 626-6799

Then, enter Access Code: 836 6314 3480

Those members of the public who are able to and would like to additionally participate through computer may access the Zoom audio & video conferencing tool available at the following link:

<https://us02web.zoom.us/j/83663143480>

If there is a disruption of service, this meeting will continue without remote participation. The remote participation option is provided as a convenience to the public and is not required.

Public comment may be made either by emailing comments ahead of the meeting or by speaking over the phone. Emailed comments will be sent to the Board of Directors prior to the meeting and posted on the District's website. Comments may be sent to Christy Colby, Regulatory and Public Affairs Manager, at (818) 248-3925 or customerservice@cvwd.com by 3pm on January 10, 2023.

Any person may make a request for a disability-related modification or accommodation needed for that person to be able to participate in the public meeting by contacting the District by phone or in writing at the above email address. Requests must specify the nature of the disability and the type of accommodation requested. A telephone number or other contact information should be included so that District staff may discuss appropriate arrangements. Persons requesting a disability-related accommodation should make the request with adequate time before the meeting for the District to provide the requested accommodation.

Any written materials distributed to the Board in connection with this agenda will be made available at the same time for public inspection at the District office located at the above address and posted on the District's website.

Call to Order and Determination of Quorum

Pledge of Allegiance

Adoption of Agenda

Public Comments

At this time, the public shall have an opportunity to comment on any non-agenda item relevant to the subject matter jurisdiction of the Board. This opportunity is non-transferable, and speakers are limited to one three-minute (3) comment. Under the provisions of the Brown Act, the Board is prohibited from taking action on items not listed on the agenda, except under certain circumstances.

Foothill Municipal Water District Report

1. Report on activities at Foothill Municipal Water District.

Consent Calendar

1. Consideration and approval of the Minutes of the Regular Board Meeting on December 13, 2022.
2. Ratification of Disbursements for November 2022.

Action Calendar

The public shall have an opportunity to comment on any action item as each item is considered by the Board. This opportunity is non-transferable, and speakers are limited to one two-minute (2) comment.

1. **Board Committee Assignments** – Consideration and motion to discuss and adopt Board committee assignments and related considerations for calendar year 2023.
2. **Financial Resiliency Measures** – Discussion and update on measures to provide short and long-term financial resiliency.

Information Items

Written Communications to District/Board of Directors

General Manager's Report

Attorney Report

Reports of Committees

- Engineering Committee
- Finance Committee
- Employee Relations Committee
- Policy Committee
- Community Relations/Water Conservation Committee
- Emergency Planning Committee
- Technology Committee

Directors' Oral Reports – Reports on issues, meetings, or activities attended by Directors.

Board Members' Request for Future Agenda Items

Closed Session

Conference with Legal Counsel – Existing Litigation (Paragraph (1) of Subdivision (d) of Section 54956.9)

Case names:

- Lazar vs. Pandazos, Case no. 21STCV19845
- Lazar vs. County of Los Angeles, Case no. 22STCV34822

Adjournment

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CRESCENTA VALLEY WATER DISTRICT REGULAR MEETING, BOARD OF DIRECTORS December 13, 2022

Pursuant to the order of the Board of Directors of the Crescenta Valley Water District made at the Regular Meeting on November 8, 2022, a Regular Meeting was held on December 13, 2022, at 7:00 p.m. at the District office at 2700 Foothill Blvd., La Crescenta, California and through audio and video conference. A call-in number was clearly noted on the meeting Agenda, posted in accordance with the Brown Act, due to the COVID-19 pandemic, with President James D. Bodnar presiding.

At roll call, the following Directors and staff members were online:

Directors:

**James D. Bodnar
Kerry D. Erickson
Jeffery W. Johnson
Ken D. Putnam
Sharon S. Raghavachary
Judy L. Tejeda**

Attorney:

Thomas Bunn

General Manager:

Nem Ochoa

Director of Finance & Administration:

James Lee

Director of Engineering & Operations:

David Gould

Staff Members:

**Arturo Montes, Finance & Administration Manager
Brook Yared, Engineering Manager
Christy Colby, Regulatory & Public Affairs Manager
Kellen Boyce, System Operations Manager
Darlene Telles, Operations & Maintenance Manager
Tessa Allmon, Customer Service Lead
Adam Sutphin, Analyst
Jennifer Bautista, Project Coordinator
Pam Leddy, Administrative Assistant**

Guests:

**Guests of Director Putnam
Guests of Director Johnson
Frances Reed
William Warshaw**

PLEDGE OF ALLEGIANCE

Director Erickson opened the meeting by leading the Directors and staff in reciting the Pledge of Allegiance.

Oath of Office Administered to Incumbent and Newly-Elected Directors – Mr. Lee administered the Oath of Office to incumbents Director Bodnar and Director Erickson and newly-elected Director Johnson as directors of the Crescenta Valley Water District and presented election certifications from Los Angeles County.

ADOPTION OF AGENDA

It was moved by Director Erickson, seconded by Director Raghavachary, and carried by a 5-0 vote that the Agenda for the Regular Meeting of December 13, 2022, be adopted as presented.

PUBLIC COMMENTS – None

FOOTHILL MUNICIPAL WATER DISTRICT REPORT – On behalf of Foothill Municipal Water District, Mr. Colcord expressed appreciation to retiring Director Putnam and David Gould for their many years of service and dedication to the community. Mr. Colcord congratulated Director Johnson on his newly elected position with the Crescenta Valley Water District Board of Directors. Mr. Colcord stated that the need to focus collective efforts on systemic conservation strategies, development of additional sources of water, and the sustainability of existing groundwater basins will continue for 2023 and beyond. Mr. Colcord announced that FMWD will be hosting a free webinar “Protecting the Trees” on January 14, 2023.

CONSENT CALENDAR

It was moved by Director Raghavachary, seconded by Director Tejeda, and carried by a 5-0 vote to approve the Minutes of the Regular Board Meeting held on November 8, 2022, through audio and video conference.

It was moved by Director Bodnar, seconded by Director Tejeda and carried by a 5-0 vote to approve the Minutes of the Regular Board Meeting held on November 8, 2022 and to ratify the disbursements for October 2022 which consisted of:

Payment of demands against the Crescenta Valley Water District on or before October 2022, the same having been approved by the General Manager, and heretofore paid, are to be ratified and approved subject to audit, in the aggregate sum of Eight-Hundred and Thirty-Six Thousand, Fifty-One Dollars and Seventy-Nine Cents (\$836,051.79), which is composed of the individual items set forth herein.

AYES: **Director Bodnar**
 Director Erickson
 Director Johnson
 Director Raghavachary
 Director Tejeda

NOES: **None**

ACTION CALENDAR

Los Angeles County Commendation for Kenneth Putnam – Director Bodnar presented a commendation from the office of Los Angeles County Supervisor Kathryn Barger to Director Putnam for his thirteen (13) years of service as a Director to Crescenta Valley Water District.

Los Angeles County Commendation for David Gould – Director Bodnar presented a commendation from the office of Los Angeles County Supervisor Kathryn Barger to Mr. Gould for his twenty-five (25) years of service to Crescenta Valley Water District.

Board Organization for 2023 – Director Raghavachary nominated herself as President of the Board of Directors. There were no further nominations.

It was moved by Director Bodnar, seconded by Director Tejeda and carried by a 5-0 vote to elect Sharon Raghavachary as Board President for 2023.

President Raghavachary began presiding over the Board meeting.

Director Erickson nominated Director Bodnar as Vice President of the Board of Directors. There were no further nominations.

It was moved by Director Raghavachary, seconded by Director Bodnar and carried by a 5-0 vote to elect James Bodnar as Vice President for 2023.

Resolution No. 781 – Mr. Gould presented the policy for Advanced Metering Infrastructure (AMI) Opt-Out Program for customers with respect to the health effects of wireless signals, privacy, and security. Mr. Gould stated that some cities and water agencies have developed “opt-out” policies that allow customers to have their smart meters excluded from the AMI network, which would require their water meter to be manually read each billing period. Mr. Gould notated that if the customer chooses to opt out of the AMI program, the customer would not be eligible for any water leak assistance, and several charges would be added to their bill. Director Bodnar requested a revision to remove “and CVWD will not be responsible for advising customers if there is a water leak on the property” from Section 8.05 J of the Rules & Regulations. Director Raghavachary requested that a revision be made to change “Meter Reading Fee” to “Billing Cycle Fee” in the Opt Out Charges and Description portion of the Opt-Out Program form. Director Erickson requested additional verbiage to include options for new occupants of Opt-Out metered homes that would void the opt back in charge.

Public comments – Mr. Colcord asked about the rate at which customers from other agencies opt out of AMI programs and the impact on a budget-based rate structure.

Following discussion:

It was moved by Director Bodnar, seconded by Director Erickson, and carried by a 5-0 roll call vote to adopt Resolution No. 781, inclusive of the above revisions for a new AMI opt-out policy for Advanced Metering Infrastructure (AMI).

AYES: **Director Bodnar**
 Director Erickson
 Director Johnson
 Director Raghavachary
 Director Tejeda

NOES: **None**

Resolution No. 782 – Mr. Lee stated that David Gould, Director of Engineering and Operations, is scheduled to retire on December 31, 2022 and based on his extensive institutional knowledge after twenty-five (25) years of service with the District, staff finds it beneficial that Mr. Gould be available to assist the District as needed. Mr. Lee requested that the Board adopt a certification on necessity for post-retirement employment.

Public comments - None

Following discussion:

It was moved by Director Bodnar, seconded by Director Raghavachary, and carried by a 5-0 roll call vote to adopt Resolution No. 782, to certify the necessity of post-retirement employment for David Gould as a CalPERS retired annuitant.

AYES: **Director Bodnar**
 Director Erickson
 Director Johnson
 Director Raghavachary
 Director Tejeda

NOES: **None**

Resolution No. 783 – Mr. Lee presented the District Investment Policy which is renewed annually. Mr. Lee stated that there are no changes to the proposed Investment Policy from last year.

Public comments - None

Following discussion:

It was moved by Director Tejeda, seconded by Director Bodnar, and carried by a 5-0 roll call vote to adopt Resolution No. 783, outlining the District's Investment Policy for 2023.

AYES: **Director Bodnar**
 Director Erickson
 Director Johnson
 Director Raghavachary
 Director Tejeda

NOES: None

Resolution No. 784 – Mr. Lee stated that the Political Reform Act requires state and local agencies to adopt conflict of interest codes to hold designated positions to filing Statements of Economic Interest, which are forwarded to Los Angeles County. Mr. Lee said a review in consultation with District counsel has determined that the list of designated positions be renamed, deleted, and or added to. Mr. Lee provided Appendix B-1, including the list of revisions to the designated positions and disclosure categories.

Public comments - None

Following discussion:

It was moved by Director Erickson, seconded by Director Bodnar, and carried by a 5-0 roll call vote to adopt Resolution No. 784, to amend Exhibit B of Appendix B1 of the District's Rules and Regulations - Conflict of Interest Code.

**AYES: Director Bodnar
 Director Erickson
 Director Johnson
 Director Raghavachary
 Director Tejeda**

NOES: None

Award of Contract – Steel Reservoir Rehabilitation at Goss Canyon No. 1 Reservoir, Project E-1053

Mr. Yared said that the Board authorized the General Manager to advertise for bids for the Steel Reservoir Rehabilitation at Goss Canyon No. 1 Reservoir at the October 11, 2022 Board meeting. Mr. Yared stated that on December 6, 2022 the District received four (4) bid proposals for this project, with J. Colon Coatings, Inc. being the lowest responsible bidder. Mr. Yared said that staff recommends awarding the contract to J. Colon Coatings, Inc. and a separate contract to Harper & Associates, Inc. for specialty quality control inspection for this project.

Public comments - None

Following discussion:

It was moved by Director Bodnar, seconded by Director Erickson, and carried by a 4-0 vote (Director Johnson abstaining) to A) authorize the General Manager to award a contract to the lowest responsible bidder, J. Colon Coating, Inc. for the rehabilitation of Goss Canyon No. 1 Reservoir at a base cost of \$516,600 and alternative bid items totaling \$33,000 for a total cost of \$549,600 and to find said project exempt from the provisions of CEQA, and B) authorize the General Manager to enter into an agreement with Harper & Associates Engineers, Inc. for Quality Control Inspection Services for the rehabilitation of Goss Canyon No. 1 Reservoir at a cost not-to-exceed \$54,000.

Advertise for Bids – Orange Ave. Pipeline – Mr. Yared shared that staff and Cannon Inc. have completed the design of the 8-inch water main replacement on the 2600-2700 block of Orange Ave. and the 5000 block of El Adobe Lane. Mr. Yared provided a map of the project location and explained that among the customers affected by this project is Monte Vista Elementary School and in order to maintain adequate fire protection for the safety of the students and staff, the construction schedule and other project parameters were adjusted accordingly.

Public comments – Mr. Colcord requested the possibility of increased traffic control.

Following discussion:

It was moved by Director Bodnar, seconded by Director Tejeda, and carried by a 5-0 vote to authorize the General Manager to advertise for bids for the construction of 2,500 lineal feet of pipeline replacement on the 2600-2700 blocks of Orange Ave., and the 5000 block of El Adobe Lane, with an engineer's estimate of \$808,985 and to find said project exempt from the provisions of CEQA.

Tetra Tech Agreement – Mr. Yared stated that CVWD has had difficulty in hiring a Senior Engineer/Engineering Manager to take his place in leading the Engineering Department. Mr. Yared said that staff has met with Mr. Epperson from Tetra Tech to work at CVWD's main office two (2) days per week, and work from home one (1) day per week to provide support services to CVWD's Engineering Department in the interim. Mr. Yared said that funding is available in the water and wastewater expense budget under Administrative Consultants or from the Seismic Vulnerability Study which could be deferred to FY 23/24. It was also stated that this operational cost would have normally occurred if a permanent Senior Engineer was hired.

Public comments - None

Following discussion:

It was moved by Director Bodnar, seconded by Director Erickson, and carried by a 5-0 vote to authorize the General Manager to enter into an agreement with Tetra Tech to provide Engineering Department Support Services from January 2023 to July 2023 at a cost not-to-exceed \$100,000 and to establish a contingency amount of \$10,000 (10% of contract) to cover the cost of unforeseen or additional work.

INFORMATION ITEMS – ACWA JPIA “President’s Special Recognition Award”

WRITTEN COMMUNICATIONS TO DISTRICT – Letter from Jacob Lee regarding the installation of a new fire hydrant at 3059 Los Olivos Lane.

REPORTS OF PERSONNEL – No report

GENERAL MANAGER – Mr. Ochoa announced that CVWD's annual food drive is underway, and that the annual LifeStream blood drive will take place on December 19, 2022. Mr. Ochoa stated that CVWD's “Climb for Heroes” team raised over \$700 for disabled veterans and shared that he and Director

Raghavachary attended the Fall ACWA Conference. Ms. Colby provided highlights of the Water Conservation & Public Outreach Report, and Ms. Telles provide highlights of the Maintenance & Operations Report. Mr. Yared said that 92.8 MG gallons of water was produced during the month of November 2022, representing a 59%/41% split. Mr. Yared provided highlights of Capital Improvement Program, the Grant Program, AMI, SCADA, and active Developer projects.

ATTORNEY REPORT – None

REPORTS OF COMMITTEES

Engineering Committee – Director Erickson reported that the Committee had not met; however, a meeting will be scheduled as needed.

Finance Committee – Director Bodnar reported that the Committee had not met; however, a meeting will be scheduled as needed.

Employee Relations Committee – Director Tejeda reported that the Committee had not met; however, a meeting will be scheduled as needed.

Policy Committee – Director Bodnar reported that the Committee had met on December 2, 2022. A meeting will be scheduled as needed.

Community Relations/Water Conservation Committee – Director Tejeda reported that the Committee had not met; however, a meeting will be scheduled as needed.

Emergency Planning Committee – Director Putnam reported that the Committee had not met; however, a meeting will be scheduled as needed.

Executive Committee – Director Bodnar reported that the Committee had not met; however; a meeting will be scheduled as needed.

Technology Committee – Director Raghavachary reported that the Committee had not met; however, a will be scheduled as needed.

DIRECTORS' ORAL REPORTS

Director Erickson – No report

Director Bodnar – Shared that he had recently visited Lake Mead to tour Hoover Dam and attended the Montrose Christmas Parade.

Director Johnson – No report

Director Raghavachary – Announced that she attended the Fall ACWA Conference.

Director Tejeda – No report

BOARD MEMBERS REQUESTS FOR FUTURE AGENDA ITEMS –

CLOSED SESSION – None

ADJOURNMENT

There being no other business to come before the Board, at 9:15 p.m., the meeting was adjourned to January 10, 2022, at 7:00 p.m.

APPROVED

Sharon S. Raghavachary
President

James Lee
Director of Finance & Administration

CASH DISBURSEMENT LIST

November 2022



<u>Check#</u>	<u>Check Date</u>	<u>Payable To</u>	<u>Description</u>	<u>Water Amount</u>	<u>Wastewater Amount</u>
0		CalPERS	PERS Contributions - October 2022	26,184.20	11,678.60
0		Los Angeles County Public Works	Excavation permits - November 2022	3,738.00	
0	11/22/2022	PatChem Laboratories	Water sampling - October 2022	4,325.00	
0	11/28/2022	Shell	Purchased fuel - October 2022	3,030.51	1,010.17
45019	11/1/2022	Krikor Karaguoizian	3135 Alabama - claim payment	180.00	
45020	11/2/2022	ACC RAMCO	Mixed bobtail - October 2022	137.90	137.88
45021	11/2/2022	ACWA/JPIA	Workers' Compensation Program - July 2022 - September 2022	9,458.86	6,305.91
45022	11/2/2022	ADS, LLC	Sewer Flow Monitoring & Wastewater Sampling - October 2022		2,300.00
45023	11/2/2022	Affordable Generator Services, Inc.	S-962 - Progress payment estimate - September 2022		67,450.02
45024	11/2/2022	Affordable Generator Services, Inc.	Unit #35 - new battery charger, replace all cooling hoses	5,892.22	
45025	11/2/2022	Apex Manufacturing Solutions	2022 SCADA Support Services - October - December 2022	11,370.00	3,790.00
45026	11/2/2022	BSK Associates	Water sampling - October 2022	6,144.00	
45027	11/2/2022	Cannon	S-962 - Design services - October 2022		5,556.75
45028	11/2/2022	Costco	Misc. supplies - October 2022 (Costco)	412.19	380.47
45029	11/2/2022	City of Glendale	3040 Sycamore - Excavation permit	987.00	
45030	11/2/2022	City of Glendale	3231 Prospect - Excavation permit	987.00	
45031	11/2/2022	Clark Pest Control, Inc.	Monthly pest control at 5 sites - October 2022	382.25	62.75
45032	11/2/2022	Consolidated Electrical Distributors, Inc.	E-939 - SCADA equipment - October 2022	255.01	
45033	11/2/2022	Direct Connection	Business cards	72.63	35.77
45034	11/2/2022	EmbroidMe	CVWD logo - heat press	13.23	
45035	11/2/2022	David Gould	Reimbursement - AWWA Fall Conference	559.01	131.13
45036	11/2/2022	Grace Environmental Services	Nitrate Plant Monitoring assistance - September 2022	3,380.32	
45037	11/2/2022	Grainger	Misc. supplies - October 2022	255.29	
45038	11/2/2022	Highroad Information Technology	Managed services, support & renewals - November 2022	9,933.45	2,481.55
45039	11/2/2022	John Robinson Consulting, Inc.	E-985 - Stormwater recharge & M-965 grant assistance - October 2022	4,200.00	
45040	11/2/2022	Joseph G. Pollard Co., Inc.	6 -Beckson hand pumps for dewatering trench	381.65	
45041	11/2/2022	Kennedy Jenks	M-1037 - WWMP - Consulting services - October 2022	5,925.16	
45042	11/2/2022	Office Depot	Misc. office supplies - October 2022	298.34	275.40
45043	11/2/2022	One Ring Networks, Inc.	Glenwood/Office - data communication - November 2022	1,012.50	337.50
45044	11/2/2022	O'Reilly Auto Parts	Misc. tools - October 2022		44.09
45045	11/2/2022	Paper Cuts, Inc.	Paper shredding - October 2022	2.60	2.40
45046	11/2/2022	Pep Boys, Fleet Services	Unit #8 - Tires, alignment, shocks, air filter	992.78	

45047	11/2/2022	Red Wing Business Advantage	Buenrostro - Safety work boots	159.68	65.22
45048	11/2/2022	Robert Brkich Const. Corp.	E-1033 - Progress payment #4, E-1034 Progress payment #1	311,347.10	
45049	11/2/2022	SoCal Gas	Glenwood - gas purchased - October 2022	19.17	6.39
45050	11/2/2022	South Coast Air Quality	FY 22/23 yearly emissions flat fee, Emissions Elec Gen Diesel	620.61	
45051	11/2/2022	Spectrum Business	Glenwood - voice communications - November 2022	116.90	41.07
45052	11/2/2022	Spectrum Business	Lowell - data communications - November 2022	88.79	31.19
45053	11/2/2022	Spectrum Business	Office - voice communications - November 2022	110.99	38.99
45054	11/2/2022	Spectrum Business	Mills - data communications - November 2022	110.99	38.99
45055	11/2/2022	T.T. Technologies, Inc.	Boring tool repairs - replace whip hose coupling	254.49	
45056	11/2/2022	Underground Service Alert	Underground notifications - November 2022	322.27	151.65
45057	11/2/2022	UniFirst Corporation	Uniform cleaning services - October 2022	550.64	164.48
45058	11/2/2022	Univar Solutions USA, Inc.	Sodium hypochloride - Mills (974 gals.) Glenwood (624 gals.)	7,116.51	
45059	11/2/2022	Vulcan Materials Company	Mixed bobtail - October 2022	430.00	
45060	11/2/2022	Wells Fargo Card Services	Montes - employee recognition	32.68	16.10
45061	11/2/2022	Wells Fargo Card Services	Colby - Pandora Radio, monthly Constant Contact email, USPS	242.70	99.07
45062	11/2/2022	Wells Fargo Card Services	Gould - WPY Southern California, CA NV AWWA conference	155.32	36.43
45063	11/2/2022	Wells Fargo Card Services	Telles - Uniforms, Unit #2 repairs, job posting	2,007.84	586.62
45064	11/2/2022	Wells Fargo Card Services	Lee - Zoom conferencing, background checks, misc. office supplies	374.49	183.94
45065	11/2/2022	Wells Fargo Card Services	Boyce - Tri State Conference lodging	196.91	46.19
45066	11/2/2022	Wells Fargo Card Services	Ochoa - Professional development, Conference registration & lodging	1,296.00	423.85
45067	11/2/2022	Wells Fargo Card Services	Leddy - Management meeting	28.31	13.93
45068	11/2/2022	Western Water Works	Stock - 6" gate valves	5,009.40	
45069	11/2/2022	Westlake Ace Hardware	E-939 - misc. materials, misc. supplies - November 2022	337.07	31.87
45070	11/2/2022	Brook Yared	Reimbursement AWWA Fall Conference lodging	692.15	161.00
45071	11/3/2022	Wells Fargo Card Services	Whittaker - computer supplies, misc. repairs & parts	1,424.77	780.81
45072	11/3/2022	Cannon	E-1046 - Design services - September 2022	55,538.40	
45073	11/3/2022	CCS Interactive, Inc.	Monthly website hosting & analytics report - November 2022	127.50	42.50
45074	11/3/2022	City of Glendale	Rockhaven lease & water purchased - October 2022	10,522.14	
45075	11/3/2022	City of Glendale Water & Power	Purchased power - October 2022	36,761.32	
45076	11/3/2022	Green Media Creations, Inc.	La Crescenta Elementary - School education program	866.52	426.80
45077	11/3/2022	Gsolutionz Professional Services	Voice communication - December 2022	189.53	148.92
45078	11/3/2022	Harper & Associates Eng., Inc.	E-1053 - Consulting services, Reservoir Evaluation & cleaning services	15,605.00	
45079	11/3/2022	InfoSend, Inc.	Printing and postage for billing - October 2022	1,439.23	1,382.79
45080	11/3/2022	J & J Janitorial Services	Janitorial services - November 2022	494.00	156.00
45081	11/3/2022	Liebert Cassidy Whitmore	Legal services - April 2022	484.62	106.38
45082	11/3/2022	Red Wing Business Advantage	Dodge, Wood, Hernandez - Safety work boots	465.69	190.21
45083	11/7/2022	Maritess Allmon	Allmon - Wellness reimbursement FY23	62.02	20.67
45084	11/7/2022	Seth Jones	Jones - Wellness reimbursement FY23	225.00	75.00
45085	11/7/2022	Adam Sutphin	Sutphin - Wellness reimbursement FY23	225.00	75.00
45086	11/7/2022	Darlene Telles	Telles - Wellness reimbursement FY 23	225.00	75.00

45087	11/9/2022	Anawalt Lumber & Materials Co.	Misc. supplies - October 2022	34.67	17.07
45088	11/9/2022	Applied Technology Group, Inc.	E-939 - SCADA equipment - November 2022	30.00	
45089	11/9/2022	ARC	Monthly MPS Billing - October 2022	274.29	91.44
45090	11/9/2022	Associated Soils Engineering	E-1034 - Laboratory Maximum Soil Density/Optimum Moisture	2,305.00	1,055.00
45091	11/9/2022	AT&T Mobility	Voice communication - October 2022	948.36	316.12
45092	11/9/2022	Regino Avalos	Monthly landscaping at 7 sites - October 2022	959.03	195.97
45093	11/9/2022	Best Best & Krieger	Watermaster Legal Counsel services - October 2022	737.43	161.87
45094	11/9/2022	Kellen Boyce	Reimbursement work safety boots, staff development, certification	636.30	
45095	11/9/2022	Consolidated Electrical Distributors, Inc.	E-939 - Misc. supplies - October 2022	1,886.86	
45096	11/9/2022	EmbroidMe	Embroidery - uniform T-shirts	493.49	
45097	11/9/2022	Foothill Plumbing LLC	Office - Misc. plumbing repairs	290.29	86.71
45098	11/9/2022	Grainger	Misc. supplies - October 2022	47.26	
45099	11/9/2022	Green Media Creations, Inc.	Informational Wastewater Video Project, historical society tour Video	1,758.75	866.25
45100	11/9/2022	Razmik Hartoonian	Refund check - 3333 Thelma	36.10	
45101	11/9/2022	HydroPro Solutions	Well #10 & Pickens Canyon - meter cards	354.03	
45102	11/9/2022	J.L. Wingert Company	Well #2 Chlorination pump	3,216.76	
45103	11/9/2022	Pam Leddy	Reimbursement - employee event	116.57	57.41
45104	11/9/2022	New Motion Wellness LLC	Well being strategy & consulting - November 2022	300.00	100.00
45105	11/9/2022	O'Reilly Auto Parts	Misc. auto supplies - October 2022	585.27	
45106	11/9/2022	Public Water Agencies Group	Emergency Preparedness Program - November 2022	481.88	481.87
45107	11/9/2022	Ross G Reddersdorf	4436 Young Drive - Refund for fire flow over payment	50.00	
45108	11/9/2022	Hovhannes Sayadyan	Refund check - 3971 Pennsylvania	3.49	
45109	11/9/2022	Southern California Edison Co.	Hydraulic services for Booster pumps at 6 sites	2,400.00	
45110	11/9/2022	Southland Pipe Corp.	E-1033 - 8" pipe & fittings	74,898.00	
45111	11/9/2022	Superior Tank Solutions, Inc.	Ordunio, Oak Creek, & Pickens Canyon - Maintenance services	25,550.00	
45112	11/9/2022	Vulcan Materials Company	Mixed bobtail - November 2022	1,720.00	
45113	11/9/2022	Western Water Works	Stock - Adapters, inserts & FH bolts	4,327.00	
45114	11/9/2022	Ansell Health Care Products LLC	Sewer safety gloves		952.56
45115	11/16/2022	Montrose Christmas Parade Association	2022 Montrose Christmas Parade - entry Fee	67.00	33.00
45116	11/16/2022	Spectrum Business	Office - wireless Communication - November 2022	1,048.50	349.50
45117	11/16/2022	Spectrum Business	Office - voice communication - November 2022	300.26	105.50
45118	11/28/2022	ACC Ramco	Mixed bobtail - November 2022	224.16	19.15
45119	11/28/2022	ACWA/JPIA	Insurance Coverage - November 2022	42,496.57	24,607.76
45120	11/28/2022	Aflac	Employee paid insurance - October 2022	1,032.25	
45121	11/28/2022	Airgas National Carbonation	Well #2 - carbon dioxide rental tank - October 2022	34.09	32.76
45122	11/28/2022	Anawalt Lumber & Materials Co.	Misc. supplies - October 2022	116.14	
45123	11/28/2022	APTwater LLC	Nitrate plant maintenance - October 2022	3,780.00	
45124	11/28/2022	Associated Soils Engineering	S-962 - Soil testing services		2,550.00
45125	11/28/2022	AT & T Mobility	Voice communication - October 2022	1,650.57	493.03
45126	11/28/2022	Regino Avalos	Rosemont & Markridge Res - clear brush, weeds & debris	1,975.00	

45127	11/28/2022	Bridgmore Consulting, Inc.	Consulting services for employee training/development - October 2022	1,826.00	374.00
45128	11/28/2022	Cannon	E-1046 - Design services	1,039.00	
45129	11/28/2022	CCS Interactive, Inc.	Canned food drive, climb for heros, blood drive banner	812.50	
45130	11/28/2022	City of Glendale Finance Dept.	City of Glendale Tax - August/September 2022	40,908.82	
45131	11/28/2022	City of Glendale Fire Dept.	2023 Annual Certified Unified Permit	2,902.00	
45132	11/28/2022	City of Glendale Water & Power	Purchased Power - October/November 2022	462.78	
45133	11/28/2022	Consolidated Electrical Distributors, Inc.	E-939 - SCADA equipment	3,113.18	
45134	11/28/2022	Creative Concepts Landscape Mgmt., Inc.	Landscape maintenance - November 2022	474.50	175.50
45135	11/28/2022	Crescenta Valley Publishing LLC	Fun and Frights in the Foothills - sponsorship	1,000.00	
45136	11/28/2022	Dudek	E-1033 - Construction Management & Inspection - September 2022	4,952.00	
45137	11/28/2022	Golden Bell Products, Inc.	Lift station degreaser - October 2022		1,248.30
45138	11/28/2022	Grace Environmental Services	Well #2 - Monitoring assistance - October 2022	5,511.51	
45139	11/28/2022	Grainger	Misc. supplies - October 2022	180.10	
45140	11/28/2022	Harper & Associates Eng., Inc.	Reservoir Inspection & maintenance - January 2022	8,750.00	
45141	11/28/2022	Alexander Hickerson	Refund check - 2361 Utley Road	55.03	
45142	11/28/2022	Home Depot Credit Services	E-939 materials, misc. supplies - October 2022	857.58	
45143	11/28/2022	LA Dept Water and Power	Power purchased - October 2022	56.54	
45144	11/28/2022	Lagerlof, LLP	Legal services - October 2022	9,234.84	2,027.16
45145	11/28/2022	Lincoln Financial Group	Life & disability insurance - November 2022	887.64	458.70
45146	11/28/2022	O'Reilly Auto Parts	Misc. parts - October 2022	41.14	
45147	11/28/2022	David Paladino	Refund check - 3629 Montrose	6.66	
45148	11/28/2022	Pep Boys, Fleet Services	Unit #8 - computerized wheel alignment	89.99	
45149	11/28/2022	Prohealth Glendale Medical Group	Hernandez & Spaulding - Pre-employment Physicals & vaccinations	311.25	103.75
45150	11/28/2022	Quadient Leasing USA, Inc.	Postage machine lease - November 2022	565.55	557.08
45151	11/28/2022	Red Wing Business Advantage	Aceves - Safety work boots	156.16	63.79
45152	11/28/2022	Robert Brkich Const. Corp.	E-1034 - Progress payment #2	75,810.00	
45153	11/28/2022	Southwest Hydrotech	Rosemont Res - Alt valve #20	3,136.90	
45154	11/28/2022	Tetra Tech, Inc.	E-1034 - Consulting services - September 2022	1,450.00	
45155	11/28/2022	Ultra Welding, Inc.	2230 Montrose - fire hydrant welding	1,147.50	
45156	11/28/2022	Univar Solutions USA, Inc.	Sodium hypochloride - Glenwood (580 gals.) Mills (530 gals.)	4,924.82	
45157	11/28/2022	Utility Cost Management LLC	Professional Services for SCE bills July - September 2022	1,855.69	380.08
45158	11/28/2022	Vision Service Plan Co.	Group vision - October 2022	274.89	135.66
45159	11/28/2022	Western Water Works	Stock - 3/4" & 1" brass service, adaptors, nipples, corps & angle stops	10,864.49	
45160	11/29/2022	Total Graphics	Montrose Christmas Parade - Holiday banners	300.00	
45161	11/29/2022	Foothill Municipal Water	Water delivery - October 2022	282,493.37	

Subtotals	\$ 1,200,405.65	\$ 145,694.44
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Total Disbursements for November 2022	<u>\$ 1,346,100.09</u>	
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Payroll Report

Directors	875.00
Office Regular payroll	152,685.00
Office OT	5,649.00
Plant Regular Payroll	121,480.00
Plant OT & Standby	8,278.00
Employer Payroll Taxes	17,859.00
Payroll Service Charge	<u>468.00</u>

Total Payroll Charges for November 2022	<u>\$ 307,294.00</u>
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CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 1
January 10, 2023

To: Honorable President and Members of the Board of Directors
From: James Lee – Director of Finance & Administration
Subject: Board Committee Assignments for 2023

ACTION ITEM:

Review Board Committee assignments for 2023.

Community Relations & Water Conservation:

Jeffery Johnson (Chairperson)
Sharon Raghavachary

Finance:

Sharon Raghavachary (Chairperson)
James Bodnar

Emergency Planning:

Judy Tejada (Chairperson)
Kerry Erickson

Policy:

Sharon Raghavachary (Chairperson)
Kerry Erickson

Employee Relations:

James Bodnar (Chairperson)
Jeffery Johnson

Technology:

James Bodnar (Chairperson)
Judy Tejada

Engineering:

Kerry Erickson (Chairperson)
Jeffery Johnson

BACKGROUND/DISCUSSION:

This is a placeholder for Board discussion.

RECOMMENDATION:

NA.

Submitted by:



James Lee
Director of Finance & Administration

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 2
January 10, 2023

To: Honorable President and Members of the Board of Directors
From: James Lee – Director of Finance & Administration
Subject: **Financial Resiliency Measures**

ACTION ITEM:

Provide an update on measures to provide short and long-term financial resiliency.

BACKGROUND:

On May 24, 2022, the FY 2022-23 budget was approved with the recognition that droughts and their lasting impacts on revenue are expected to recur, and that there is value in either considering drought rates today or implementing a policy that prompts drought rates for future drought cycles. This was a component within a broader discussion regarding continued commitment to long-term infrastructure reliability and financial viability.

During the June 14, 2022 Board meeting, Mr. Sanjay Gaur of Water Resources Economics (WRE) led a discussion regarding drought rates and the various mechanisms and policy considerations associated with drought stage rates and the merits of each alternative. Based on this, the Board provided general policy parameters and directed staff to develop a preliminary analysis of drought rates, their impacts, and the timing and other considerations for potential implementation of drought rates.

Mr. Gaur provided a preliminary analysis of drought rates, including the rationale, methodology, and results of the preliminary study, during the September 27, 2022 Board meeting. During that meeting, it was recognized that it is becoming increasingly apparent that there are longer-term and sustained threats to decreased water demand or ability to produce water, and that circumstances such as the persisting drought, the expectation for future drought cycles, and the likelihood of future water supply allocations have continued to evolve into uncharted territory. Based on this, the Board directed staff to report on various other viable measures and their associated considerations.

DISCUSSION:

This discussion include the following additional measures for short and long-term financial resiliency: 1) higher rates (than currently planned); 2) drought rates; 3) a portion of CIP cost transferred to the property roll (property tax); 4) bond issuance(s). Their basic considerations are summarized in the attached table.

In general, the primary considerations to balance between include the following questions:

- How much will it cost monetarily (one-time and ongoing)?
- How easy or difficult is it to implement?
- What is the timing? Specifically –
 - What can be implemented by the next budget cycle (July 1, 2023)?
 - What can be implemented by the end of the 3-year rate schedule (July 1, 2024)?

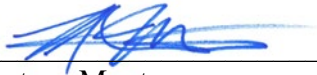
This discussion was introduced to the Finance Committee during the January 5, 2023 meeting.

Mr. Gaur will be available as a resource to help facilitate the discussion.

RECOMMENDATION

Review and discuss measures to provide short and long-term financial resiliency and provide direction on next steps.

Prepared by:



Arturo Montes
Finance & Administration Manager

Submitted by:



James Lee
Director of Finance & Administration

Attachment(s):

1. Summary of Financial Resiliency Measures

g:\management\board meeting staff reports\2023\01-10-23 Board Memo - Financial Resiliency Measures.docx

Mechanism	What/How	Pros	Cons	Timing
Rates	The District adopted an 8%/8%/8% plan, with plans to follow with 7%/7%/7% and 6%/6%/6%. This was in accordance with the "Roadmap" plan. This was also before unprecedented inflation and persisting conservation. One option is to revise expectations for future rate increases	- Each additional increment of rates provides an additional layer of revenue for perpetuity	- "Rate fatigue"	- Can be implemented now (July 1, 2023) or later
Drought Surcharge	A drought surcharge is a mechanism that recovers revenue by charging more for the same or less usage. It would most likely be tied to "external" influences/triggers such as MWD's various tranches of expected allocations	- Can be added to current rates and adopted within the current system - Preliminary analysis is complete - Relatively low cost (< \$50K)	- Difficult message because customers can feel they are penalized for saving water - Significant outreach is needed, and may still be a difficult message - Need a Prop 218	- Likely able to implement drought rates through a Prop 218 by July 2023. These rates would likely need to be updated the following year once the 3-year rate schedule is complete
Property Roll - Partial Funding of CIP (\$1.5M - \$2.5M)	A portion of expected CIP cost can be included on the property tax bill - e.g. pipeline replacement specifically	- Increases "fixed" funding from ~26% to ~34% - Immediate funding gap is solved - Maintain the current rate structure	- Represents a new charge on the property roll. At 8,300 accounts, ~\$150-\$250/year/account, which is comparable with other common line items (libraries, schools, mosquito abatement etc) ¹	- Will be difficult to establish by July 2023
Property Roll - Full Funding of CIP (\$5.0M - \$7.0M)	Most of expected CIP cost can be included on the property tax bill	- Increases "fixed" funding from ~26% to ~61% - "Financial Utopia" - Big change in rate structure (to "budget-based" structure) - New rate structure makes it easier to allocate water during future droughts - Drought rates may become moot (not needed)	- Represents a new charge on the property roll. At 8,300 accounts, assuming \$5M, ~\$600/year/account, significantly higher than other typical line items ¹ - New rate study is required - A "budget-based" rate structure would work best with AMI, and it may make sense to reprioritize AMI to fully implement the program earlier - Intensive work effort - Extensive public outreach needed	- Will be difficult to establish by July 2023 - Is likely a multi-year plan
Bonds	Bonds can be issued either to catch up on CIP that continues to be deferred or to invest in local water supply or wastewater treatment projects that yield savings and/or water supply resiliency	- Rapid implementation (~3 months) - Immediate funding gap is solved - Maintain the current rate structure - Intergenerational equity	- Interest expense - Higher cost of borrowing than before (which may subsequently be refinanced, particularly with structuring attractive call options)	- Approximately 3 months upon notice to proceed and assembly of financing team

1 - The District services 8,300 accounts, of which approximately 2,000 are water-only or sewer-only accounts in the Cities of Glendale and La Canada-Flintridge. Further analysis necessary to determine which accounts would be included in the property roll.

CVWD Water Guardian Retires



CVWD Dacid Gould of the CVWD announced his Retirement
Photos provided by CVWD

By Mary O'KEEFE

Getting water to our homes seems simple enough: It snows in the Sierra Nevada, melts, comes down here and goes into a reservoir then to our local water district. We turn on the faucet and there it is ... simple, right? Well, no, it is considerably more complicated and the person is retiring who has been working hard on all of the complicated issues bringing water from the Sierra to our faucets.

For over 25 years, David Gould has been with the Crescenta Valley Water District – CVWD – and, as of Dec. 31, will be retiring. Gould is the director of Engineering and Operations for CVWD. This means he is the boots on the ground, both literally and metaphorically, for all things water.

According to CVWD, Gould's responsibilities included managing the water supply and distribution system and wastewater system, and

overseeing capital improvements, water quality and maintenance of facilities. In addition, he prepared and presented to stakeholders the annual capital improvement program budget, represented the activities of the CVWD to local government and agencies and promoted CVWD to the community.



Gould received a commendation for his longtime dedication to CVWD.

He had to make sure the wells were working and when a pipeline broke had to not only make certain it was repaired but also investigate why the break happened and what needed to be done to either repair or replace it.

“When I started [at CVWD] it was myself as senior engineer and a technician. Now we have three engineers, two technicians and one inspector,” he said. “When I started we would [lay] about 1,000 feet of pipe a year now we are up to a mile [annually].”

Gould played a major role in getting a \$4-plus million grant to increase the district's local water supply through new groundwater wells and the installation of a bioremediation nitrate removal treatment plant and prepared a local hazard mitigation plan.

Under his watch CVWD was able to undertake many projects including drilling two new wells and creating a groundwater basin study – something that had not been done in years.

Gould said one of the biggest challenges he has faced, though, is getting the public more involved with the water district and what it does.

As most water districts have found, the majority of the population seems to pay the closest attention to its water district when rate hikes are presented.



At a recent CVWD Board of Directors meeting.

Gould would like the public to be more involved so it would learn what financial issues the district faces prior to rate increases, including all the new regulations districts are required to deal with and how they have to plan for natural disasters like earthquakes and fires.

There is also the issue of climate change. CVWD is working on a plan that includes ways of capturing water to keep the storm waters in CV instead of letting them flow into the ocean.

“Our groundwater is reduced,” he said. “Ten years ago we were able to get 2.7 million gallons out of the ground; today [we get] 1.6 million out of the groundwater.”

CVWD General Manager Nem Ochoa said Gould was a strong advocate and facilitator of storm water capture and groundwater replenishment to ensure that local water supplies are available to the community for future generations.

“[David] was responsible for managing capital projects that replaced over \$100 million worth of aging infrastructure in the region to ensure reliable water and sewer service to the Crescenta Valley for now and in the future,” Ochoa said. “He has always wanted what is best for CVWD and the community it serves. This was apparent by his extraordinary commitment and dedication to CVWD, fueled by a strong passion for public works and public service.”

Gould said when he retires he will miss the people he works with at CVWD but will still be around for about six months as the district finds his replacement. Brooke Yarrd will be acting interim director of engineering and operations.

Gould does hope to have time to travel with his wife Elizabeth.

“[Elizabeth] is excited about me retiring,” Gould said. He added the CV community has shown him what “community support” means and wants the district to continue in that vein.

He has a family member who works with indigenous people at Bears Ears National Monument in southeastern Utah who he may be working with using his expertise in water resource management. Gould would also like to be an advocate for seniors by helping them plan for the future. He said he has seen seniors in the area who find themselves alone after family moves away. He would like to do something to help them plan for that type of issue.

Crescenta Valley Water District Out in the Community



As the holiday season comes to a close, it's nice to reflect on some of the community outreach the District has participated in over the last few months. La Crescenta is blessed with a wonderful community spirit and the District is proud to be a part of this tradition.

Welcome back, Montrose Christmas Parade! Staff was excited to be able to participate in the 2022 Parade. The Vector truck was polished and decorated with lights for this fun community event. The Vector truck is the District's largest vehicle and is used to clean the community's 72 miles of sewer mains.

The third annual food drive was a success. The District, with the generous support of the community, was able to collect three large barrels of canned goods and dry food that was donated to the Valley Food Bank, a part of the Rescue Mission Family. The Valley Food Bank distributes over 2.1 million cans and packages of dry goods and over 2.5 million pounds of fresh food per year to more than 180,000 people in need.

Another event also on its third-year anniversary is the *blood drive*. Employees and residents made appointments to donate blood at the District's Glenwood Facility. This year, over 40 people were able to make donations, exceeding the blood drive goal.

For Veterans Day, the District celebrated its employees and their family members who have served or are serving in our nation's Armed Forces. In addition to other activities that employees participated in, staff raised over \$700 for Climb for Heroes. Climb for Heroes supports the Heroes Project. This annual Veterans Day event at Mt. Baldy supported our injured veterans, raised money and awareness for injured vets and their mental and physical health. Thanks to all who supported Nem Ochoa, Arturo Montes and Morgen DuRose on their journey to the top.

One rainy Saturday morning in October, the District hosted a tour of several of its reservoir sites and wells to talk with members of the Historical Society of the Crescenta Valley about the past, present and future of water in the Crescenta Valley. The District has 17 reservoirs and around 17.5 million gallons of water storage. David Gould, director of Engineering and Operation of CVWD, led this fact-filled adventure detailing where our water comes from, emergency preparedness and future projects to enhance the District's water supply. Mr. Gould, who is retiring at the end of this year, will be greatly missed by the CVWD family and community alike.

Coming Soon

On Jan. 8, there will be another rain barrel event. To pre-order your rain barrel, visit RainBarrelsIntl.com, click the "EVENTS" tab and select CVWD or call (919) 602-6316.

Drought can have an impact on trees. FMWD will be hosting a webinar on protecting your trees on Jan. 14, 2023 between 10 a.m. and 11 a.m. To register, visit www.fmwd.com/landscaping-and-classes or www.greengardensgroup.com/foothill-mwd/.

CRESCENTA VALLEY WATER DISTRICT

General Manager Report

GM Report

January 10, 2023

To: Honorable President and Members of the Board of Directors
From: Nem Ochoa, General Manager
Subject: **General Manager Report**

General Managers Report Topics:

- GM Activities

The following are some highlights in this month's report:

- Water Conservation & Public Outreach
- Engineering Report
- 2022 Annual Review of Field Maintenance & Systems Operations
- Department of Drinking Water (DDW) Improvement Project Report

STAFFING

Two (2) employees have work anniversaries in January. David Rawlings – 11 years, James Lee – 6 years.

As of January 6th, the District has gone 359 days without a lost time accident.

GENERAL MANAGER ACTIVITIES

Meetings:

David Gould Retirement Celebration	- December 15 th
Weekly Managers Meetings	- January 9 th

Submitted by:



Nem Ochoa
General Manager

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

January 10, 2023

To: Honorable President and Members of the Board of Directors
From: Christy J. Colby
Subject: **Water Conservation and Public Outreach Update**

Monitoring Report Submitted to State for December 2022:

Production Numbers

➤ Total Water Production December 2022:	265.3 AF
➤ Total Water Production December 2013:	356.1 AF
➤ Total Water Production December 2021:	259.9 AF
➤ Total Water Production December 2020:	338.8 AF

Compliance Reporting

➤ Days of outdoor Irrigation Allowed:	2
➤ Number of Water Waste Complaints:	0
➤ Number of Follow-ups:	0
➤ Number of Warnings:	0
➤ Number of Penalties:	0

Voluntary Water Reduction Goal: 20% from 2020 Usage

➤ Percent Reduction from 2013	25.5 %
➤ Percent Reduction from 2021	2.0 %
➤ Percent Reduction from 2020	21.7 %

Public Outreach for December 2022

- Face Book Posts, 2
- CV Weekly
 - Article – Out in the Community
 - Food and Blood Drive Ads
- Website – 2,422 hits, down 33% from previous month (typical for December), Pay my bill most popular page.
- Constant Contact, food and blood Drive reminder Email blasts
- Everbridge – No Messages

Engineering Report

January 10, 2023
Staff Report

To: Honorable President and Members of the Board of Directors
From: Brook Yared, M.S., P.E. – Interim Director of Engineering & Operations
Subject: **Engineering Report – December 2022**

1. Water Production Report

- December 1 – 31 – Water production – 62%/38% split – 86.7 MG for the month
- Average use – 0.9% less than 2021 and 10.4% less than 5-yr average
- Annual Usage for CY 2022 – Water production 56%/44%, 3758 ac-ft total production

2. Rainfall Update

- 6.93” for December 2022
- Rainfall Total for Rainfall Year 2022/23 – 10.11”

3. Report on Engineering

• **FY 22/23 Capital Improvement Project**

- Project 1 – 2600 & 2700 Blocks of Orange Ave
 - Pre-Bid Meeting – 1/25/2023
 - Bid Opening – 2/1/2023
 - Award of Contract – 2/7/2023
 - Community Outreach Meeting – 2/9/2023
- Goss Canyon #1 Reservoir Rehabilitation
 - Construction begins – 1/23/2023
- Conversion to Chloramination
 - No Update

• **FY 21/22 Capital Improvement Projects**

- FY 21/22 – Pipeline Replacement Program
 - Project 1 – 2800 to 3100 Blocks of Los Olivos
 - Complete
 - Project 2 – 4700 & 4800 Blocks of Cheryl
 - Pending Final PPE
- Well 9 Rehabilitation – Sizing Pump and Developing Scope of Work
- Booster Pump 26 at Cresta Heights Rehabilitation – Determining Available Incentives
- Wastewater Master Plan – Calibrating Hydraulic Model
- Ramsdell Mixing Station/Pressure Reducing Station – On Hold

• **FY 20/21 Capital Improvement Projects**

- Emergency Generator at Sewer Lift Station
 - Construction Completed – 12/19/2022
 - Staff Training – 1/18/2023

• **Grant Program**

- Water Recycling Grant – No Report
- Cal OES – New emergency generators and seismic feasibility study – submitted on 4/8/22
- USBR Small-Scale Water Efficiency Grant 2022 – 1-½-inch Meters submitted on 4/28/22
- USBR Small-Scale Water Efficiency Grant 2020 – 3” & 4” Meters – In Progress
- Stormwater Capture Project at Crescenta Valley County Park – No Report

• **AMI Customer Engagement Portal**

- Continuing Water Meter Replacement Program

- **Replacement of Supervisory Control and Data Acquisition (SCADA) System**

- Project Schedule – April 2022 to October 2023
- APEX – Programming & Integration
- Sites Completed
 - Wells 5, 7, 8, 9, 11, 14 & 16
 - Ramsdell Mixing Station
 - Glendale/CVWD Interconnection
 - Glenwood Plant with Wells 6, 10, 12 & 15
 - Mills Plant
- Sites Pending Integration (2022)
 - Ordunio Reservoir/Nitrate Removal Plant – January 2023
 - Encinal Reservoir – February 2023
 - Ocean View – March 2023

4. **Developer Projects**

- 3037/3043 Foothill – New 38 Units and mixed commercial – Establishing Special Contract
- 4360 Ocean View – 3 Units upgraded to 7 units – Establishing Special Contract
- 2341 Mira Vista – New 4 Units – Reconciliation and Transfer of Ownership
- 2201 Honolulu – New 4" water main – Contractor Experience Under Review
- Waiting on Developer
 - 1961 Waltonia – New 6 units
 - 4521 Briggs/2413 Foothill – New 70 units
 - 3900 Park Place – New 28 units
 - 2345 Mira Vista – New 4 units
 - 2434 Foothill – New 31 Units

5. **FMWD** – Construction – Re-coating La Crescenta Reservoirs – one reservoir complete

CRESCENTA VALLEY WATER DISTRICT

WATER PRODUCTION REPORT

December 1 - December 31, 2022

Well Production:	48,222,960	Gals		
GWP Production:	4,486,000	Gals		
Gravity Production:	1,230,749	Gals	% GW	62%
FMWD:	32,756,461	Gals		
City of Glendale:	0	Gals	% Import	38%
TOTAL:	86,696,170	Gals		
	266.06	ac-ft		

Glenwood Nitrate Water

Reclamation Plant:*

0

*Included in Well Production

WATER DEMAND COMPARISON

Time Period	Average Daily Usage (gals)	Current Period Change
December 1 - December 31, 2022	2,721,144	
December 1 - December 31, 2021	2,746,955	-0.9%
5-yr Average - December 2017 - 2021	3,035,339	-10.4%

RAINFALL: December 1 - 31, 2022

6.93"

Season-To-Date:

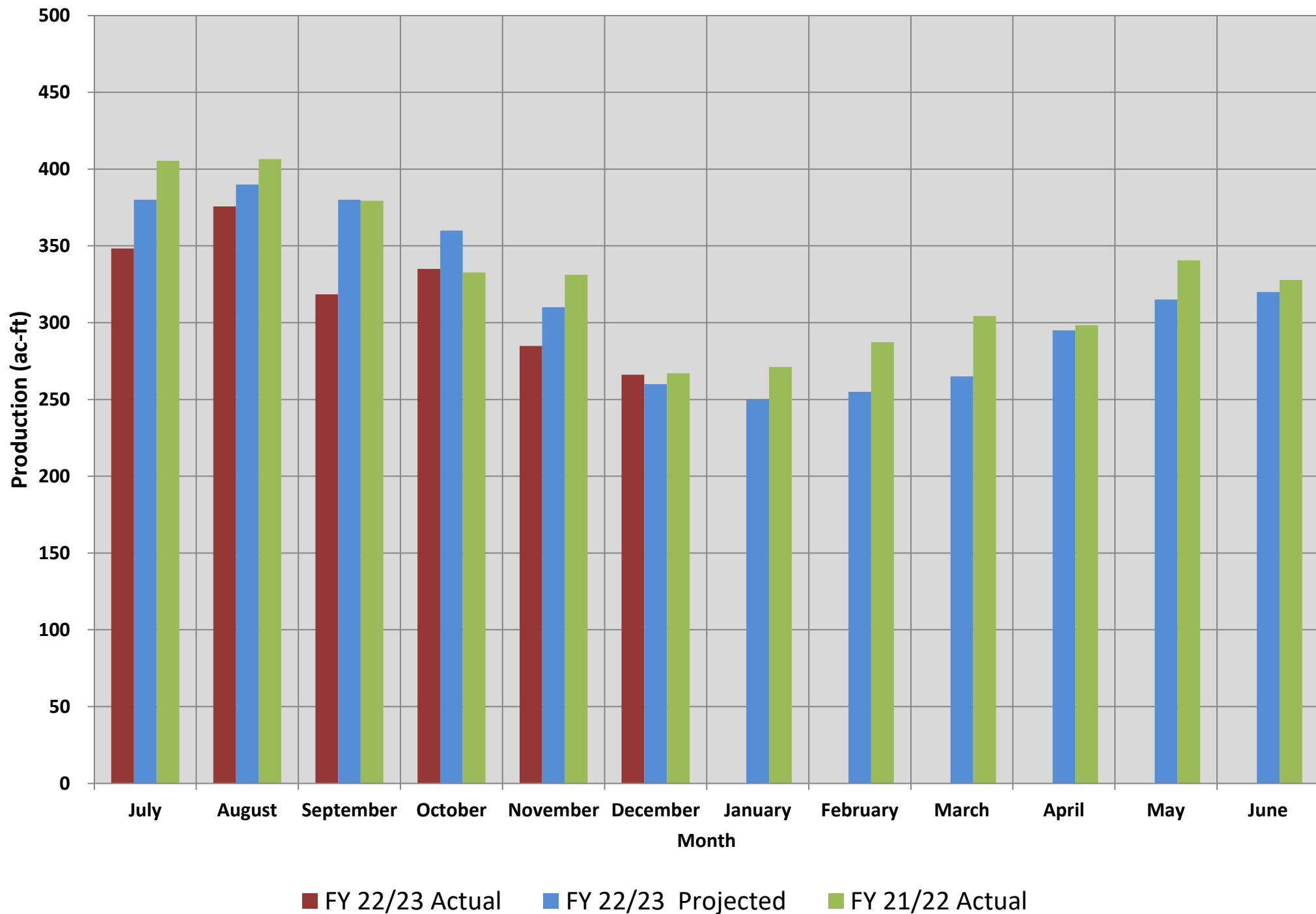
10.11"

2022/23 Fiscal Year Water Production			WY 22/23 - Groundwater Production Water Rights		GWP (Well 16) Water Production - 2022		Purchased Water Production Tier 2 Allocation 2022	
Month	Actual Total Water Production (ac-ft)	Projected Total Water Production (ac-ft)	Month	Month	Month	Well Production (ac-ft)	Month	Imported Water Production (ac-ft)
July	348	380	October	165	January	16	January	101
August	376	390	November	155	February	13	February	122
September	318	380	December	152	March	15	March	121
October	335	360	January		April	15	April	120
November	285	310	February		May	15	May	154
December	266	260	March		June	14	June	148
January		250	April		July	14	July	164
February		255	May		August	14	August	191
March		265	June		September	14	September	143
April		295	July		October	14	October	156
May		315	August		November	14	November	116
June		320	September		December	14	December	101
Total to Date	1,928	2,080	Total to Date	472	Total to Date	171	Total to Date	1,636
Projected	3,628	3,780	Water Rights	3,294			Tier 2	2,154
% of Projected	51.0%	55.0%	% of Rights	14%			% of Allocation	76%
Remaining	1,852	1,700	Remaining	2,822			Remaining	518

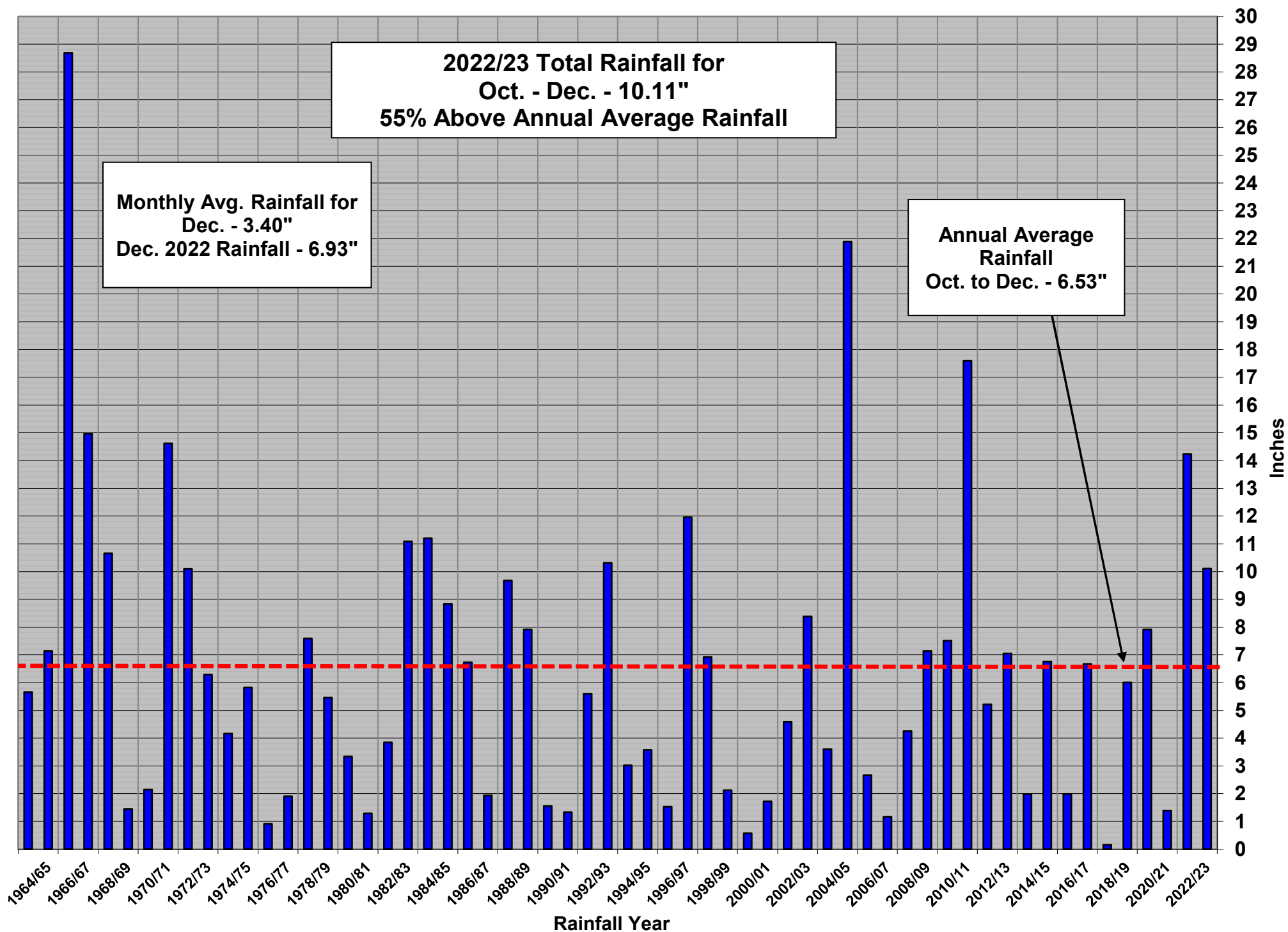
NOTE:

1) Blue Numbers = Estimated Water Production

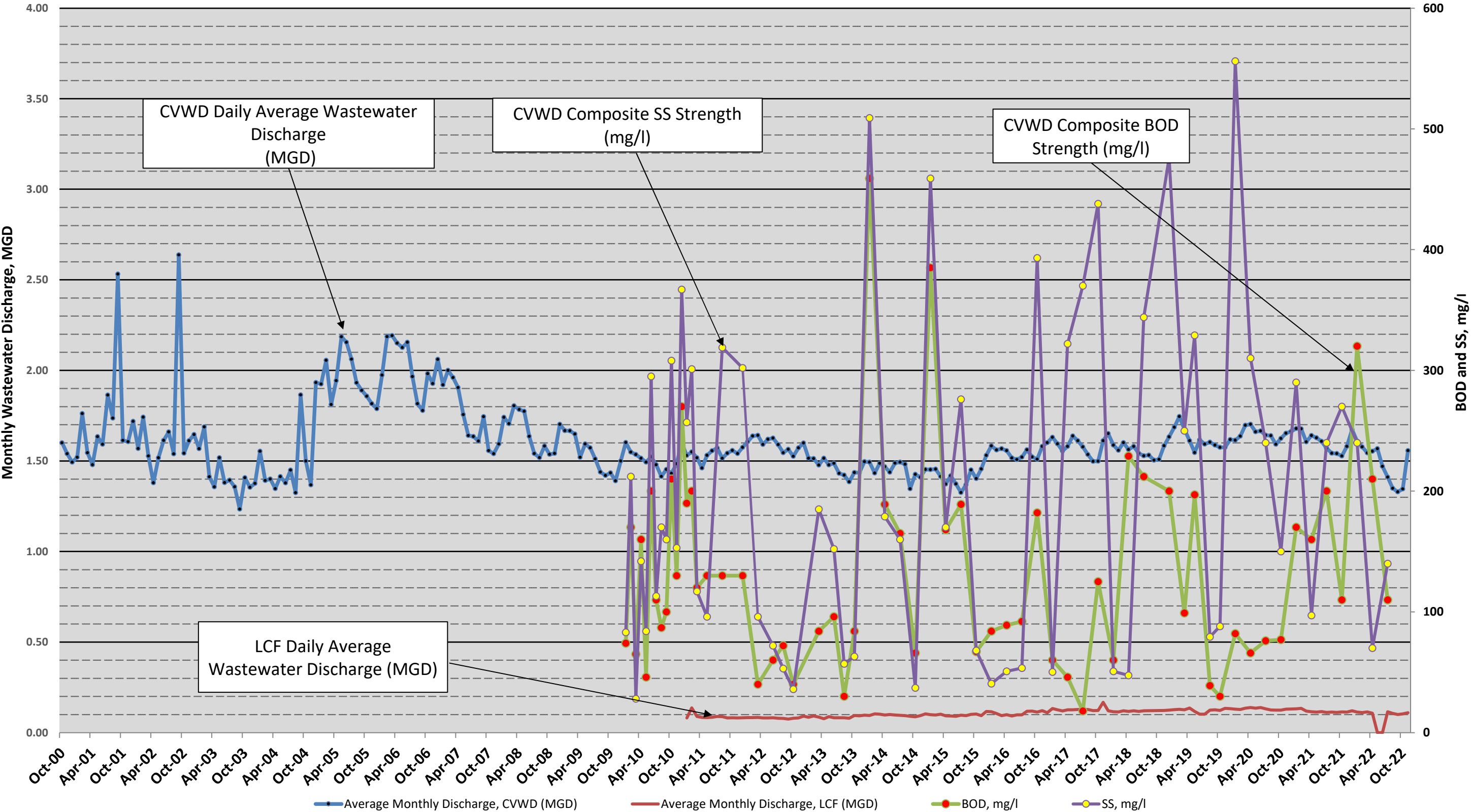
Monthly Water Production: FY 22/23 Actual, FY 22/23 Projected & FY 21/22 Actual



Monthly Rainfall - 1963/64 - 2022/23 (Oct. 1 - Dec. 31)



CVWD Daily Average Wastewater Discharge and Strength 2000 to Present



Field Maintenance and Operations Report

December 2022

0

Water Main Repairs

7

Water Service

Repairs: 5 Replacements: 2

0

After Hours Leaks/Repairs

21,552'

Sewer Maintenance

Clean: 21,552' Inspect: 0 Reports: 0

- **Field Maintenance Projects**

- * Mills Plant – replaced 8" & 10" section of pump line

- * Developer Jobs

- D-20-48: 3240 Montrose – 1" service

- D-22-104: 2551 Manhattan – 1" meter upgrade

- D-22-128: 2416 Montrose – 1" meter upgrade

- **Operations Report**

- * Mills Pump Station – Manifold Repaired (Team Project w/O&M)

- * Glenwood – Chlorination equipment maintenance

- * FMWD – SOP & preparation for FMWD maintenance shutdown

- January 30, 2022 – February 4, 2023

- **Electrical/Telemetry**

- * E-939 – Integration build with Apex

- * E-962 – Integration build with Apex

- * La Granada Lift Station – Generator project complete

- **Wastewater**

- * Lift Station visits: 4 (De-rag pumps, check valves & add degreaser)

Field Maintenance and Operations Report

December 2022

Days without a lost-time incident: **353**

274

Water Quality Samples

201

Valves

Replace: 0 Exercise: 201 Install: 0

56

Fire Hydrant Maintenance

Rebuild: 4 Replace: 1 Inspect: 51

0

Water Meter Replacement

$\frac{3}{4}$ " : 0, 1" : 0, 1.5" : 0, 2" : 0, 3" : 0, 4" : 0

- **Training/Cross Training**

- * Sewer Flow Monitoring Tailgate
 - Glenwood Plant
- * Sanitary Sewer Overflow Simulation
 - Operations & Maintenance Crew
 - Brook Y
 - Christy C
 - Jennifer B

- **New Certification**

- * None to report

- **Safety**

- * Glenwood Plant
 - Line Locating

Field Maintenance and Operations Annual Report 2022

2021

Water Main Repairs

7

Water Service
Repairs: 127 Replacements: 3

130

After Hours Leaks/Repairs

30

Sewer Maintenance
Clean: 102,892' Inspect: 8,294 Reports: 0

111,186'

2022

Water Main Repairs

7

Water Service
Repairs: 29 Replacements: 70

171

After Hours Leaks/Repairs

29

Sewer Maintenance
Clean: 167,967' Inspect: 24,527 Reports: 114

192,494'

Field Maintenance and Operations Annual Report 2022

Days without a lost-time incident: **353**

2021

Water Quality Samples

2,086

Valves

Replace: 4 Exercise: 717 Install: 0

721

Fire Hydrant Maintenance

Rebuild: 7 Replace: 9 Inspect: 84

100

Water Meter Replacement

¾": 377, 1": 0, 1.5": 2, 2": 8, 3": 0, 4": 0

387

2022

Water Quality Samples

2,780

Valves

Replace: 5 Exercise: 875 Install: 3

883

Fire Hydrant Maintenance

Rebuild: 14 Replace: 7 Inspect: 305

201

Water Meter Replacement

¾": 272, 1": 51, 1.5": 6, 2": 2, 3": 0, 4": 0

331

Field Maintenance and Operations Annual Report 2022

Water Production

	<u>2021</u>	<u>2022</u>
	(ac-ft)	(ac-ft)
Wells:	2,143	2,121
<u>Import:</u>	<u>1,987</u>	<u>1,636</u>
Total:	4,130	3,758
 % Split:	 52%/48%	 56%/44%

2022 Highlights

Projects

- E-1021: Encinal/Dunsmore Crossing – installed 87’ 8” main
- Edmund I: Install isolation valve and repaired manifold
- Mills Pumpline: Replace 8” & 10” section of pump line
- E-939: Telemetry build
- S-962: La Granada Lift Station – Generator installed

Field Maintenance and Operations Annual Report 2022

2022 Highlights Continued

Operations

- Pressure Monitoring: test equipment deployed
- Valves: Rebuilt 1, removed 1 from the distribution system and remove two from “Bad/Inoperable List” by implementing new exercising techniques
- SSO April 7, 2022: 315 gals, 20 mins response time, contained within 35 mins & no NOVs
- SSO Training Simulation
- Expand Operations & Maintenance Department with three interdepartmental crews
- Created an O&M merit-based structure to promote employee development and a motivational culture
- DDW List completed
- MWD Upper Feeder Shutdown



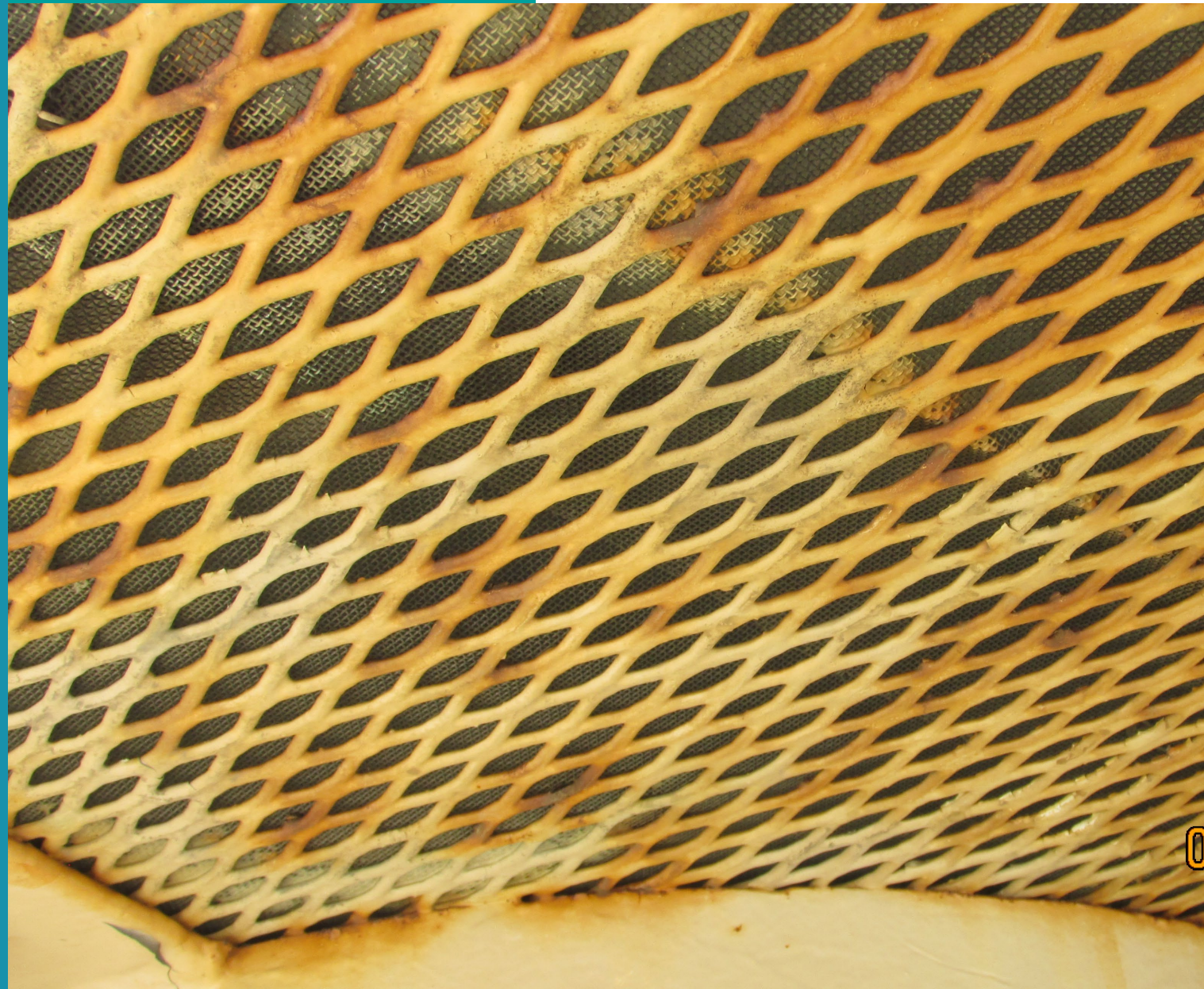
Reservoir Maintenance Vent Improvement Project

Pictured above is Ordunio Reservoir taken on January 2021

Department of Drinking Water Inspection

The objectives of the inspection were to :

- Perform field inspections and tests
- Assess the structural and coating integrity of the tank
- Review the overall safety compliance of tank
- Review sanitary conditions and protection
- Provide recommendations for bringing the tank to current standards



Department of Drinking Water Inspection summary

Upgrade or modify vents and vent screens due to lack of protection around vents which allowed dirt, dust and debris to enter water tank.

Reservoirs included in DDW Inspection:

Ordunio

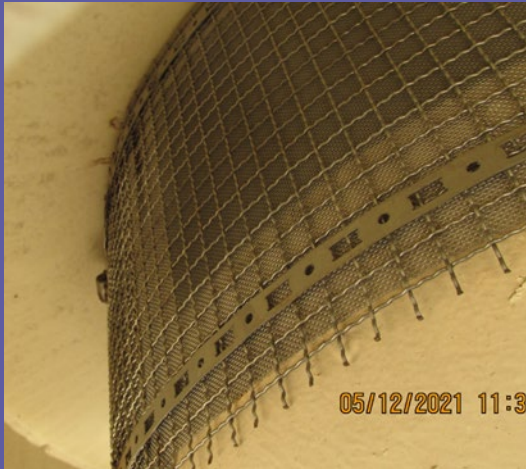
Oak Creek No. 2

Pickens Canyon



Before repairs

Oak Creek Reservoir



Ordunio Reservoir

Pickens Canyon Reservoir



After repairs

Oak Creek Reservoir



Ordunio Reservoir

Pickens Canyon Reservoir

