

CRESCENTA VALLEY WATER DISTRICT

**2700 Foothill Boulevard
La Crescenta, California**

**Agenda for the
Regular Meeting of the Board of Directors
of the Crescenta Valley Water District
to be held on Tuesday, September 13, 2022, at 7:00 p.m.**

Posted: Friday, September 9, 2022 at 4:30 p.m.

AUDIO & VIDEO CONFERENCING NOTICE

[This meeting will be held by audio & video conference only.]

Under AB 361 and District Resolution No. 772, the District will continue to hold Board and Committee meetings by teleconference, due to the continuing State of Emergency for COVID-19 and the ongoing imminent risks to the health or safety of the attendees from COVID-19.

Any member of the public may participate 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: 846 4488 0173

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/84644880173>

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 September 13, 2022.

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 Adjourned Regular Board Meeting on August 23, 2022.
2. Consideration and approval for continuing to hold meetings by teleconference.

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. **Update on Response to Metropolitan Water District (MWD) Emergency Repairs and Conservation Measures**

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 - none

Adjournment



CRESCENTA VALLEY WATER DISTRICT
ADJOURNED REGULAR MEETING, BOARD OF DIRECTORS
August 23, 2022

Pursuant to the order of the Board of Directors of the Crescenta Valley Water District made at the Adjourned Regular Meeting on July 26, 2022, an Adjourned Regular Meeting was held on August 23, 2022, at 7:00 p.m. 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
Ken R. Putnam
Sharon S. Raghavachary
Judy L. Tejeda

Attorney:

Tom Bunn

General Manager:

Nem Ochoa

Director of Finance & Administration: **James Lee**

Director of Operations & Engineering: **David Gould**

Staff Members:

Brook Yared, Engineering Manager
Christy Colby, Regulatory & Public Affairs Manager
Darlene Telles, Operations & Maintenance Manager
Kellen Boyce, System & Operations Manager
Adam Sutphin, Analyst
Tessa Allmon, Customer Service Lead

Public Participation:

Frank Colcord

Guests:

Helene Baribeau, Brown and Caldwell
John Robinson, John Robinson Consulting

PLEDGE OF ALLEGIANCE

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

ADOPTION OF AGENDA

It was moved by Director Tejeda, seconded by Director Erickson, and carried by a 5-0 roll call vote that the Agenda for the Adjourned Regular Meeting of August 23, 2022, be adopted as presented.

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

NOES: **None**

PUBLIC COMMENTS – None

FOOTHILL MUNICIPAL WATER DISTRICT REPORT – Mr. Colcord announced that Foothill Municipal Water District (FMWD) has completed the refurbishment of the East La Crescenta Reservoir off of Briggs. Mr. Colcord noted that FMWD is working with the contractor to implement ways to mitigate noise complaints during the next reservoir refurbishment.

CONSENT CALENDAR

It was moved by Director Raghavachary, seconded by Director Tejeda, and carried by a 5-0 roll call vote to approve the Minutes of the Adjourned Regular Board Meeting held on July 26, 2022, through audio and video conference, ratify the disbursements for July 2022 as presented and to reaffirm Resolution No. 772 to find that (1) Los Angeles County officials have imposed or recommended measures to promote social distancing; and (2) meeting in person would present imminent risks to the health and safety of attendees.

Payment of demands against the Crescenta Valley Water District on or before July 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 Nine-Hundred, Sixty-Seven Thousand, Two-Hundred Seventy-Five Dollars and Forty Cents (967,275.40), which is composed of the individual items set forth herein.

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

NOES: **None**

ACTION CALENDAR

Completion of Disinfection Conversion to Chloramines, Project E-1052 – Mr. Gould announced that CVWD has completed the infrastructure portion of the project to complete the disinfection conversion to chloramines and is entering the final phase. Mr. Gould stated that since the beginning of the project, it was

anticipated that additional technical and operational guidance would be needed in order for the conversion to take place. Mr. Gould stated that staff has observed that the TTHM levels have begun to rise due to the higher summer temperatures, lower demands due to the on-going drought, and an increase in imported water, and he provided TTHM compliance charts from 2012 through the 4th quarter of 2022. Mr. Gould included a proposal from Brown and Caldwell (BC) that contained a Scope of Work that lays out the tasks proposed by BC to assist CVWD during its chloramine conversion.

Following discussion:

It was moved by Director Erickson, seconded by Director Raghavachary, and carried by 5-0 roll call vote to authorize the General Manager to enter into an agreement with Brown and Caldwell (BC) to provide professional consulting services for the completion of the disinfection conversion to chloramines at a cost not-to-exceed \$99,940 and to establish a contingency amount of \$9,994 (10% of contract) to cover the cost of unforeseen or additional work. This project is exempt from the California Environmental Quality Act (CEQA).

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

NOES: **None**

Update and possible action related to Metropolitan Water District (MWD) Emergency Repair – Mr. Ochoa shared that at recent meetings, MWD has completed interim repairs on the Upper Feeder pipeline that supplies water to the District's service area. Mr. Ochoa recognized the commitment to support MWD's request to suspend all outdoor watering for a 15-day period beginning September 6, 2022 during a planned permanent repair of the large-diameter pipeline. Mr. Ochoa said that CVWD plans to utilize its website, social media accounts, and customer email accounts to notify customers of the request and in addition has partnered with City of Glendale and FMWD on a joint press release ad in the CV Weekly the week prior to the shutdown. Mr. Ochoa provided the MWD Upper Feeder Shutdown Notification flyer to understand and manage through the 15-day shutdown. President Bodnar provided a presentation of the MWD Upper Feeder repair project.

Approve the 2022 CVWD Strategic Plan Update – Mr. Ochoa announced that CVWD has made significant progress on the goals included in the 2020 Strategic Plan which was approved by the Board of Directors in October 2019. Mr. Ochoa provided the final CVWD 2022 Strategic Plan Update which provides a status update on goal completion and reprioritizes and develops new initiatives to mitigate current challenges such as prolonged drought, supply chain issues, significant inflation, lower than expected revenues and the global pandemic. Mr. Ochoa stated that the 2022 Strategic Plan Update provides a roadmap to meet the District's mission and vision until 2025, when a new Strategic Plan is expected to be prepared.

Following discussion:

It was moved by Director Tejeda, seconded by Director Erickson, and carried by 5-0 roll call vote to approve the 2022 CVWD Strategic Plan Update.

AYES: Director Bodnar
Director Erickson
Director Putnam
Director Raghavachary
Director Tejeda

NOES: None

Steel Reservoir Rehabilitation at Goss Canyon No. 1 Reservoir, Project E-1053 – Mr. Yared announced that the design of Steel Reservoir Rehabilitation at Goss Canyon No. 1 Reservoir is the next project in CVWD's CIP program. Mr. Yared said that the Goss Canyon No. 1 Reservoir interior and exterior have been inspected every five (5) years was last re-coated in 1999, which included seismic structural upgrades. Mr. Yared provided pictures from the inspection revealing moderate to severe corrosion on the roof and rafters above the water line which is likely due to the airborne release of chlorine and insufficient ventilation.

Following discussion:

It was moved by Director Raghavachary, seconded by Director Erickson, and carried by 5-0 roll call vote to authorize the General Manager to enter into an agreement with Harper & Associates Engineering, Inc. to provide professional engineering services for the design of steel reservoir rehabilitation at Goss Canyon No. 1 Reservoir for a cost of \$17,300 and establish a contingency amount of \$1,730 (10% of contract) to cover the cost of unforeseen or additional work. This project is exempt from the California Environmental Quality Act (CEQA) pursuant to Section 15301 of the CEQA Guidelines.

AYES: Director Bodnar
Director Erickson
Director Putnam
Director Raghavachary
Director Tejeda

NOES: None

Nominations of Candidates for LAFCO Special District Voting Member Candidates – Mr. Ochoa requested consideration by the Board to authorize a member of the Board to submit their name for nomination for the office of LAFCO Special District Voting Member.

Following discussion:

It was moved by Director Bodnar, seconded by Director Erickson, and carried by 5-0 roll call vote to nominate Director Raghavachary for the office of LAFCO Special District Voting Member.

AYES: Director Bodnar
Director Erickson
Director Putnam
Director Raghavachary
Director Tejeda

NOES: None

INFORMATION ITEMS – CV Weekly News article dated August 18, 2022 “Repairs to Pipeline Require Extreme Water Conservation”.

WRITTEN COMMUNICATIONS TO DISTRICT – None

REPORTS OF PERSONNEL – None

GENERAL MANAGER – Ms. Colby provided highlights of the Water Conservation and Public Affairs for the month of July 2022. Ms. Colby emphasized the 18.5% of voluntary water reduction from 2020. Ms. Telles provided highlights of the Field Maintenance and Operations Report for July 2022. Mr. Gould presented the Engineering Report for the month of July 2022, stating that 113.5 MG of water was produced representing a 53%/47% split.

ATTORNEY – No report

REPORTS OF COMMITTEES

Engineering Committee – Director Erickson reported that the Committee had not met; however, an audio/video conference meeting will be scheduled as needed.

Finance Committee – Director Bodnar reported that the Committee had not met; however, an audio/video conference meeting will be scheduled during the month of September 2022.

Employee Relations Committee – Director Erickson reported that the Committee had not met; however, an audio/video conference will be scheduled as needed.

Policy Committee – Director Putnam reported that the Committee had not met; however, an audio/video conference will be scheduled as needed.

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

Emergency Planning Committee – Director Putnam reported that the Committee had not met; however, an audio/video conference meeting will be scheduled as needed.

Technology Committee – Director Raghavachary reported that the Committee had not met; however, an audio/video conference meeting will be scheduled as needed.

Executive Committee – Director Bodnar reported that the Committee had not met; however, an audio/video conference meeting will be scheduled as needed.

DIRECTORS’ ORAL REPORTS

Director Raghavachary – Reported that her Officeholder and Candidate Campaign Statement - Form 470 was mailed one week before the due date of August 1, 2022, but has not received a receipt of confirmation from the Registrar/Recorder.

Director Bodnar – Reported that CVWD hiring recruiter was doing a good job in reaching out to many candidates for the CVWD Senior Engineer position. He had even received an unsolicited email from the recruiter to apply for the position. Director Bodnar will not be applying.

Director Erickson – Reported that he read an article in the LA Times about the city of Los Angeles constructing a wastewater treatment plant in collaboration with Nevada.

Director Putnam – No report

Director Tejeda – No report

BOARD MEMBERS' REQUESTS FOR FUTURE AGENDA ITEMS – None

CLOSED SESSION – None

ADJOURNMENT

There being no other business to come before the Board, at 8:51 p.m., the meeting was adjourned to September 13, 2022, at 7:00 p.m.

APPROVED

James D. Bodnar
President

James Lee
Director of Finance & Administration

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS – STAFF REPORT

To: Honorable President and Members of the Board of Directors
From: Thomas Bunn – General Counsel
Subject: **Approve continuation of remote meetings as described in AB 361 and make required findings**

DISCUSSION :

At the September 28, 2021 Board meeting, pursuant to AB 361, the Board of Directors adopted Resolution No. 772, which authorized the Board to continue to have remote meetings based upon the continued state of emergency for COVID-19, and made findings that (1) Los Angeles County officials have imposed or recommended measures to promote social distancing; and (2) meeting in person would present imminent risks to the health and safety of attendees. In order to continue to have remote meetings, AB 361 requires that the Board reaffirm one or both of those findings within 30 days after the first remote meeting, and every 30 days thereafter, provided that a state of emergency continues to be in place.

At the time this report was prepared, there is a continued state of emergency for COVID-19. This item is on the agenda for the Board to consider whether to reaffirm the resolution and make the required findings to continue to have remote meetings for an additional 30 days. The resolution authorizes the Board to extend the resolution by motion.

FINANCIAL CONSIDERATIONS

None.

RECOMMENDATION

The Board of Directors reaffirm Resolution No. 772 and find that (1) Los Angeles County officials have imposed or recommended measures to promote social distancing; and (2) meeting in person would present imminent risks to the health and safety of attendees.

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

To: Honorable President and Members of the Board of Directors
From: Nem Ochoa, P.E. – General Manager
Subject: Update on response to MWD Emergency Repairs and Conservation Measures

Action Item No. 1
September 13, 2022

ACTION ITEM:

Update on response to MWD Emergency Repairs and Conservation Measures

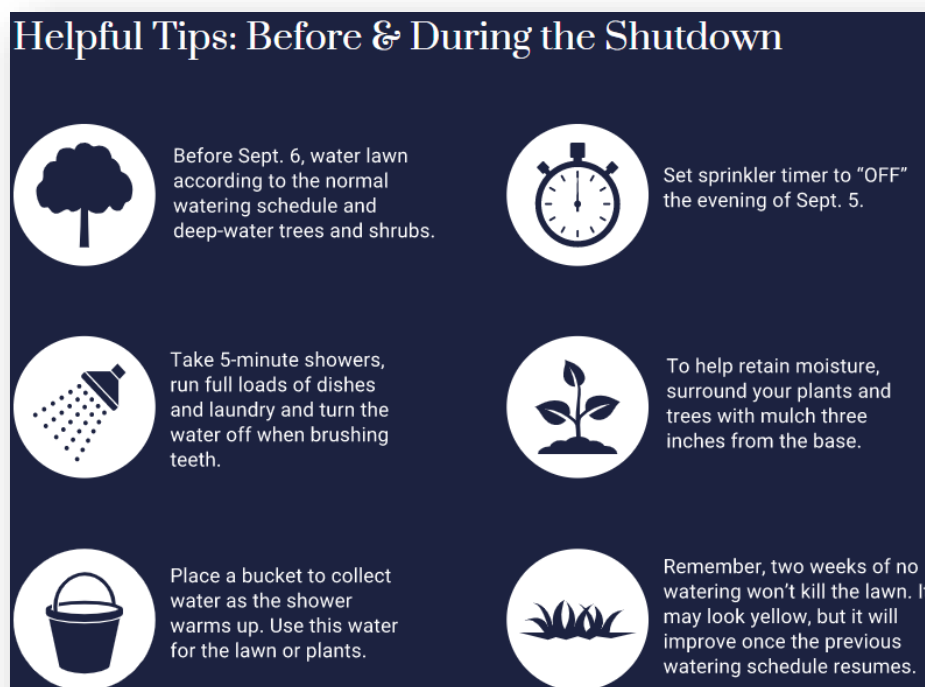
BACKGROUND:

At our last regularly scheduled Board Meeting on August 23, 2022, staff provided an update on the MWD Emergency Repairs, which began on September 6th and will last through September 20th.

Community Outreach

Leading up to the event, CVWD worked closely with Foothill Municipal Water District (FMWD) and the local retail agencies to ensure that a consistent message regarding the event would be disseminated to the communities we serve.

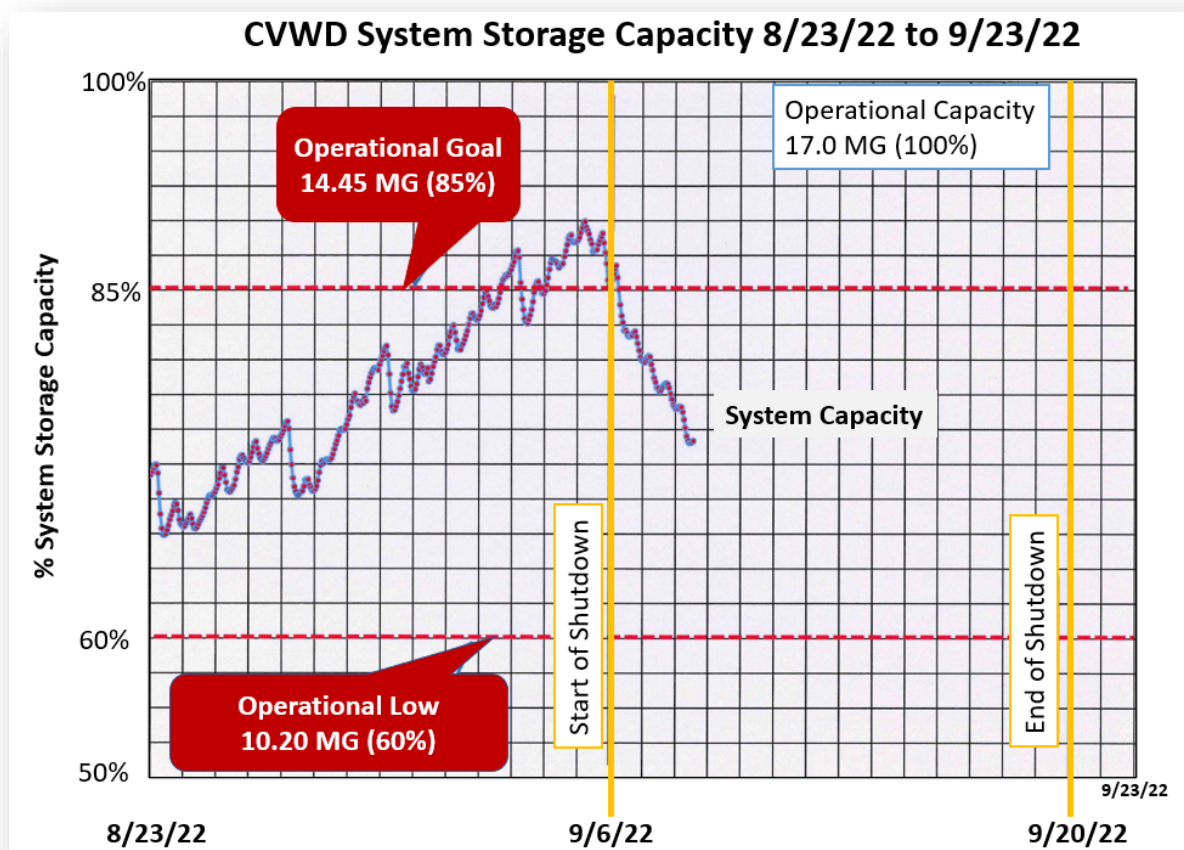
All FMWD retail agencies, City of Glendale, and City of Pasadena requested that customers suspend outdoor watering from September 6th - September 20th. CVWD utilized its website, social media accounts, and customer email accounts to notify customers of the request. CVWD partnered with the City of Glendale and FMWD on a joint press release. CVWD also placed a large ad in the CV Weekly a week prior to the shutdown. All public outreach utilized MWD's outreach material which described the nature of the leak, the urgency and means to fix it, its duration, and the impacted area. In addition, outreach included helpful tips to homeowners regarding managing their landscape, before and during the shutdown (shown below).



Consistent with MWD’s outreach plan, all communication to the public emphasized a “call to action” without enforcement measures. To date, the Customer Service Department has responded to approximately 100 phone calls and 10 emails regarding the emergency shutdown.

Operational Planning and Preparation

Operations staff from all FMWD retail agencies, including CVWD, met on several occasions to coordinate and prepare operationally for the emergency shutdown. In anticipation of significant changes to watering patterns (e.g. “2-days a week” to a “significant increase” to “no watering”), CVWD Water Production staff prepared accordingly. Beginning two weeks prior, CVWD ramped up water system storage methodically to accommodate a spike in water demand anticipated to occur on the weekend prior (to the shutdown), while carefully balancing water quality and water system storage objectives. Appropriate planning and execution was deemed successful based on recent data from SCADA pulled on September 8, 2022 (shown below).



DISCUSSION:

The emergency shutdown coincides with the current Conservation Alert Status “Orange”, or Phase 4, outlined in the Water Shortage Contingency Plan (WSCP). Under the current alert level, customers are required to irrigate only on Tuesdays and Saturdays during specified times (evening to morning). Based on the WSCP and the adoption of Resolution 767, the District has the ability to encourage conservation through written notices, surcharges, flow restrictions, service disconnection, and/or service termination (as shown below).

Penalties or Charges	Stage When Penalty Takes Effect
Written Notice (Warning)	First Violation (Any Phase)
Written Notice with Description of Penalties	Second Violation (Any Phase)
Flow restrictors (installation: \$150, removal: \$100) for a period of not less than 48 hours	Third Violation (Any Phase)
Flow restrictors (installation: \$200, removal: \$150) for a period of not less than one week OR Discontinuation of water service	Flagrant Disregard of ordinance or Multiple Violations (Any Phase)

CVWD’s Regulatory & Public Affairs Manager administers enforcement of the WSCP and is required to report compliance data to the California Department of Water Resources on a monthly basis. Current compliance data will be discussed under the General Manager’s Report.

Initial deployment of the AMI program (first 100 meters) has quickly provided benefit by enabling staff access to a “representative” dataset. Staff was able to pull data that illustrates customer usage patterns under different conservation alert levels and more recently the messaging of MWD’s emergency shutdown. Staff will provide the new graphs and discuss observations of customer usage behavior under the varying conservation levels and the emergency shutdown.

RECOMMENDATION:

Review and discuss update on response to MWD Emergency Repairs and Conservation Measures

ENVIRONMENTAL REVIEW:

Not applicable

FUNDING AVAILABILITY:

Not applicable.

Submitted by:



Nem Ochoa, P.E.
General Manager

August 25, 2022

Outdoor Watering Restrictions Issued

By Mary O'KEEFE

The Metropolitan Water District (MWD) is getting ready to repair the pipeline that brings precious Colorado River water to Southern California. The repairs will affect outdoor watering for most Los Angeles County residents from Sept. 6 to Sept. 20. Residents are being asked to suspend outdoor watering for these 15 days.

MWD discovered the damage to the pipeline in April.

“We put a temporary repair on it,” said Bob Muir, MWD spokesman. But those at MWD knew this was only a temporary fix and have been planning the best way to move forward to create a more stable repair.

“This is a critical pipeline and we need to make the necessary repairs,” Muir said. “We are trying to guard ahead of a bigger problem, should there be a leak and it becomes worse.”

MWD is one of 29 contractors that get some water supplied from the California State Water Project, the state water distribution system. Though repairs will affect outdoor watering the bigger picture is that California, like other southwestern states, are facing critical water crisis.

We must keep in mind that, under the California umbrella of a 20% goal for conservation, a portion of MWD's service area is under a strict water management budget, Muir said.

“That is a more dire situation than these [upcoming] 15 days,” Muir added.

With the record low levels of the Colorado River and its tributaries, water conservation is part of life from now on in California, Arizona and Nevada.

In May the State Water Resources Control Board adopted emergency water conservation regulations in response to an executive order issued by Gov. Gavin Newsom.

“California is facing a drought crisis and every local water agency, and California, needs to step up on conservation efforts. I am hopeful the measures enacted by the State Water Board will lead to a reduction of water use across the state. These conservation measures are increasingly important as we enter the summer months. I’m asking all Californians to step up because every single drop counts,” Newsom stated at the time.

The State Water Resources Control Board voted to implement a statewide ban on watering non-functional turf in the commercial, industrial and institutional sectors, as well as issuing regulations requiring local agencies to implement water use restrictions amid the possibility that water supplies may be up to 20% lower due to extreme weather.



Outdoor Watering Restrictions Issued added by [CV Weekly](#) on August 25, 2022

[View all posts by CV Weekly →](#)

CRESCENTA VALLEY WATER DISTRICT

General Manager Report

GM Report

September 13, 2022

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:

- Pancake Breakfast/Anniversary & Certification Awards
- Water Conservation & Public Outreach
- Maintenance & Operations Report
- Water Production, Hydrology Report, Engineering Reports

STAFFING

Four (4) employees have a work anniversary in September. Brook Yared – 15 years, Pete Hilke – 10 years, David Inman – 5 years, Jude Herrera – 1 year

As of September 8th the District has gone 240 days without a lost time accident.

GENERAL MANAGER ACTIVITIES

Meetings:

Crescenta Valley Community Association Meeting - August 25th
Managers Meeting - September 5th, September 12th
Pancake Breakfast and Employee Recognition - September 7th

Submitted by:



Nem Ochoa
General Manager

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

September 13, 2022

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 August 2022:

Production Numbers

➤ Total Water Production August 2022:	374.9 AF
➤ Total Water Production August 2013:	486.3 AF
➤ Total Water Production August 2021:	405.7 AF
➤ Total Water Production August 2020:	435.2 AF

Compliance Reporting

➤ Days of outdoor Irrigation Allowed:	2
➤ Number of Water Waste Complaints:	9
➤ Number of Follow-ups:	8
➤ Number of Warnings:	0
➤ Number of Penalties:	0

Voluntary Water Reduction Goal, 20% from 2020 Usage

➤ Percent Reduction from 2013	22.9 %
➤ Percent Reduction from 2021	7.6 %
➤ Percent Reduction from 2020	13.8 %

Public Outreach for August 2022

- Face Book Posts, 4
- CV Weekly
 - 1 Article-
- Constant Contact
 - 2 email campaigns, CVWD Strategic Plan and the Upper Feeder Shutdown
- Website
 - 4,193 website Visits, This is up by 33%, likely due to the upper feeder messaging
- Everbridge
 - 2 messages – 1 Emergency water shut off and 1 Construction update

Field Maintenance and Operations Report

August 2022

2

Water Main Repairs

33

Water Service

21 Repairs/ 12 Replacements

4

After Hours Leaks/Repairs

13,772'

Sewer Maintenance

Clean: 12,754', Inspect: 1,018', Reports: 19

- **Field Maintenance Projects**

- * Pressure Monitoring Presentations
 - * CLOW
 - * SebaMKT

- **Operations Report**

- * Hach Annual Service – On-site visit
- * Upper Feeder Shutdown Plan – Prepare & Implement
- * Power & Communications – Power Outage 08/31/22

- **Electrical/Telemetry**

- * E-939
 - Integration build/upgrades – Ramsdell Mixing Station & Glendale Intertie
 - Program Modifications – Well #5, 7, 8,9, 11, 14 & 16
- * La Granada Lift Station (E-962)
 - Job Walk with AGS
- * Glendale Sewer Diverter Valve Station: Repaired electrical enclosure – Power Theft (2nd repair)

Wastewater

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

Field Maintenance and Operations Report

August 2022

Days without a lost-time incident: 231

283

Water Quality Samples

28

Valves

Replace: 0, Exercise: 28

30

Fire Hydrant Maintenance

Rebuild: 2, Replace: 2, Inspect: 26

47

Water Meter Replacement

¾": 42, 1": 5, 1.5": 0, 2": 0, 3": 0, 4": 0

- **Training/Cross Training**

- * AWWA – Water Education Seminar

- * Morgen D.

- * Raymond D.

- * Cla-Val Control Training

- * Wayne B.

- * Mueller Service Brass Workshop

- * Glenwood Plant

- * Tri-State Seminar

- * Wayne B.

- * Rob W.

- * Darlene T.

- * Seth J.

- * CSDA Annual Conference

- * Darlene T

- * Kellen B.

- **New Certification**

- * None to report

- **Safety**

- * Glenwood Plant

- Soil Types & Trenching Safety

Engineering Report

September 13, 2022
Staff Report

To: Honorable President and Members of the Board of Directors
From: Brook Yared, M.S., P.E. – Engineering Manager
Subject: Engineering Report – August 2022

1. Water Production Report

- August 1 – 31 – Water production – 49%/51% split – 122.4 MG for the month
- Average use 16.6% less than 2021 and 16.7% less than 5-yr average

2. Rainfall Update

- 0.00” for August 2022
- Rainfall Total for Rainfall Year 2021/22 – 17.02”

3. Report on Engineering

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

- Project 1 – 2600 & 2700 Blocks of Orange Ave
 - 50% Design Review – September 8, 2022
- Goss Canyon #1 Reservoir Rehabilitation
 - Site Meeting – September 12, 2022
- Conversion to Chloramination
 - Kickoff Meeting – Sept. 22, 2022

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

- FY 21/22 – Pipeline Replacement Program
 - Project 1 – 2800 to 3100 Blocks of Los Olivos
 - Final Paving – Week of August 29, 2022
 - Completion Date – September 9, 2022
 - Project 2 – 4700 & 4800 Blocks of Cheryl
 - Start Construction – August 29, 2022
 - Completion Date – November 15, 2022
- Wastewater Master Plan – In Progress
- Ramsdell Mixing Station/Pressure Reducing Station – On Hold
- Well 9 Rehabilitation – No Report
- Booster Pump 26 at Cresta Heights Rehabilitation – No Report

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

- Emergency Generator at Sewer Lift Station
 - Under Construction
 - Completion – November 2022

• **Grant Program**

- 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**

- Phase 2 – Completed layout for customer engagement portal
- Working on including a pdf of Customer’s bills in Portal

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

- Project Schedule – April 2022 to October 2023
- APEX – Programing & Integration
- Sites Completed (9 sites)
 - Wells 5, 7, 8, 9, 11, 14 & 16
 - Ramsdell Mixing Station
 - Glendale/CVWD Interconnection
- Sites Pending Integration (2022)
 - Encinal Reservoir – October 2022
 - Glenwood Plant with Wells 6, 10, 12 & 15 – November 2022
 - Mills Plant with Well 1 – December 2022

4. **Developer Projects**

- D-21-G2 – Complete – Reimbursement Claim 3
- 2341 Mira Vista – New 4 Units – Reconciliation and Transfer of Ownership
- 4360 Ocean View – 3 Units upgraded to 7 units – Plan Check
- 2201 Honolulu – New 4" water main – Contractor Experience Under Review
- 2434 Foothill – 31 New Units – Hydraulic Modeling
- Waiting on Developer
 - 3037/3043 Foothill – New 38 Units and mixed commercial
 - 1961 Waltonia – New 6 units
 - 4521 Briggs/2413 Foothill – New 70 units
 - 3900 Park Place – New 28 units
 - 2345 Mira Vista – New 4 units

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

CRESCENTA VALLEY WATER DISTRICT

WATER PRODUCTION REPORT

August 1 - August 31, 2022

Well Production:	54,242,600	Gals		
GWP Production:	4,563,000	Gals		
Gravity Production:	1,237,940	Gals	% GW	49%
FMWD:	62,394,128	Gals		
City of Glendale:	5,834	Gals	% Import	51%
TOTAL:	122,443,503	Gals		
	375.77	ac-ft		

Glenwood Nitrate Water

Reclamation Plant:* 0

*Included in Well Production

WATER DEMAND COMPARISON

Time Period	Average Daily Usage (gals)	Current Period Change
August 1 - August 31, 2022	3,872,843	
August 1 - August 31, 2021	4,233,559	-8.5%
5-yr Average - June 2017 - 2021	4,310,247	-10.1%

RAINFALL: August 1 - August 31, 2022 0.00"

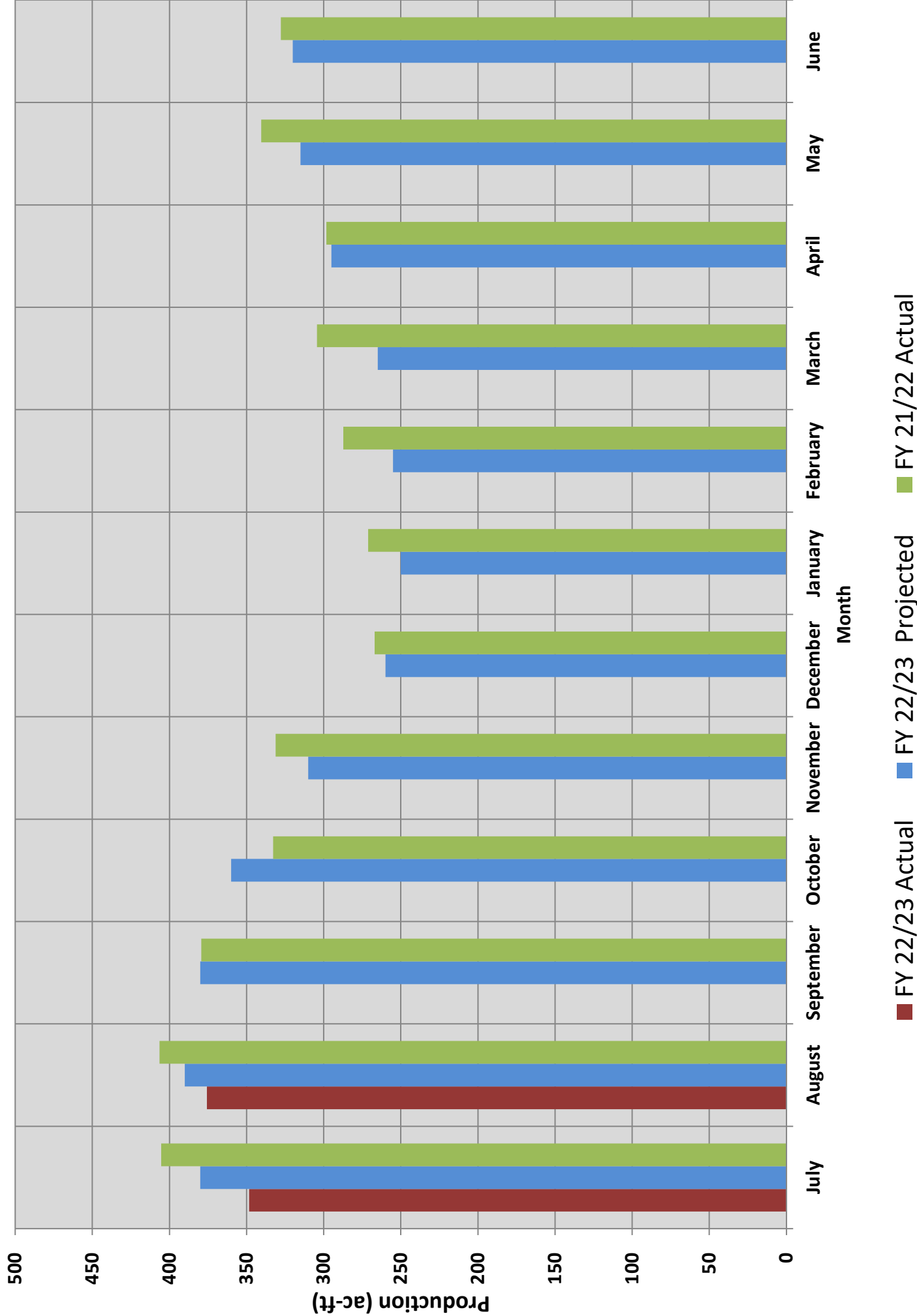
Season-To-Date: 17.02"

2022/23 Fiscal Year Water Production			WY 21/22 - 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	162	January	16	January	101
August	376	390	November	159	February	13	February	122
September		380	December	149	March	15	March	121
October		360	January	154	April	15	April	120
November		310	February	152	May	15	May	154
December		260	March	168	June	14	June	148
January		250	April	164	July	14	July	164
February		255	May	172	August	14	August	191
March		265	June	166	September		September	
April		295	July	170	October		October	
May		315	August	170	November		November	
June		320	September		December		December	
Total to Date	724	770	Total to Date	1,787	Total to Date	116	Total to Date	1,121
Projected	3,734	3,780	Water Rights	3,294			Tier 2	2,154
% of Projected	19.2%	20.4%	% of Rights	54%			% of Allocation	52%
Remaining	3,056	3,010	Remaining	1,507			Remaining	1,033

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 - 2021/22 (Oct. - Aug.)

