

CRESCENTA VALLEY WATER DISTRICT

2700 Foothill Boulevard
La Crescenta, California

Agenda for the
Adjourned Regular Meeting of the Board of Directors
of the Crescenta Valley Water District
to be held on Tuesday, September 24, 2024, at 7:00 p.m.

Posted: Thursday, September 19, 2024, at 5:30 p.m.

This meeting will be conducted in person at the address 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: 873 4555 5316

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/87345555316>

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 Customer Service, at (818) 248-3925 or customerservice@cvwd.com by 3pm on September 24, 2024.

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

Report on activities at Foothill Municipal Water District.

Consent Calendar

1. Consideration and approval of the Minutes of the of the Regular Board Meeting on September 10, 2024.
2. Ratification of Board Compensation for August 2024.

Action Calendar

1. **Appeal of High Water Bill** – Consideration and possible action to grant a request for relief from a high water bill by the property owner at 2001 Manistee Dr.
2. **Replacement of Supervisory Control and Data Acquisition (SCADA) System, Project E-939 – Project Update and Contingency Increase Request** – Consideration and motion to authorize the General Manager to increase the contingency for the E-939 project by \$27,005 to cover expenses for process documentation and to extend the project schedule through February 28, 2025.

Information Items

Written Communications to District/Board of Directors

General Manager's Report

Attorney Report

Reports of Committees

- Engineering and Operations Committee
- Finance Committee
- Employee Relations Committee
- Policy Committee
- Community Relations/Water Conservation Committee
- Emergency Planning Committee
- Technology Committee
- Ad Hoc PFAS Committee

September 24, 2024

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

Board Members' Request for Future Agenda Items

Closed Session

PUBLIC EMPLOYEE APPOINTMENT (Govt. Code Section 54957)

Title: General Counsel

CONFERENCE WITH LABOR NEGOTIATORS (Govt. Code Section 54957.6)

Agency Designated Representative: General Manager

Unrepresented Employee: General Counsel

EMPLOYEE PERFORMANCE EVALUATION (Govt. Code Section 54957)

Position: General Manager

Adjournment

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CRESCENTA VALLEY WATER DISTRICT REGULAR MEETING, BOARD OF DIRECTORS

September 10, 2024

Pursuant to the order of the Board of Directors of the Crescenta Valley Water District made at the Regular Meeting on August 13, 2024, a Regular Meeting was held on September 10, 2024, 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, with James D. Bodnar presiding.

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

Directors:

**James D. Bodnar
Kerry D. Erickson
Jeffery W. Johnson
Sharon S. Raghavachary (absent)
Jennifer T. Valdez**

Attorney:

Thomas Bunn

General Manager:

James Lee

**Director of Engineering
and Operations:**

Carla Dillon

**Interim Director of Finance and
Administration:**

Arturo Montes

Staff Members:

**Pam Leddy, Administrative Assistant
Adam Sutphin, Senior Management Analyst
Darlene Telles, Operations and Maintenance Manager**

Guests:

**Frank Colcord, Foothill Municipal Water District
Sanjay Gaur, Water Resources Economics, LLC
Bill Johnson**

PLEDGE OF ALLEGIANCE

Mr. Lee opened the meeting by leading the Directors and staff in reciting the Pledge of Allegiance.

ADOPTION OF AGENDA

It was moved by Director Erickson, seconded by Director Valdez, and carried by a 3-0 vote that the Agenda for the Regular Meeting of September 10, 2024, be adopted.

PUBLIC COMMENTS – None

FOOTHILL MUNICIPAL WATER DISTRICT REPORT – Mr. Colcord reported that Metropolitan Water District had extended Adel Hagekhalil's leave as the General Manager of the District. Mr. Colcord announced that FMWD will be holding a free Garden Design Class on September 28th at the La Canada Presbyterian Church.

CONSENT CALENDAR

It was moved by Director Erickson, seconded by Director Valdez and carried by a 3-0 vote to approve the Minutes of the Adjourned Regular Board Meeting held on August 13, 2024 with the omission of the roll call vote reference on the Action Items, and to ratify the Board Compensation for July 2024, and the disbursements for July 2024 which consisted of:

Payment of demands against the Crescenta Valley Water District on or before July 2024, 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 One Million, Ninety-Nine Thousand, Three Hundred Eight Dollars and Two Cents (\$1,099,308.02), which is composed of the individual items set forth herein.

ACTION CALENDAR

Roof Replacements at Various District Buildings, Project C-1086 – Ms. Dillon explained that the roof at the District's building at 2700 Foothill Blvd. has not been replaced for over 25 years and in recent years has experienced numerous leaks causing damage to the building interior. Ms. Dillon also noted that the roofs at 3246 Mills Ave. and 3730 Glenwood are in need of minor repairs to prevent further interior damage to the buildings. Ms. Dillon stated that proposals were received from three (3) qualified roofing contractors and requested that the Board approve an exception from the procurement and purchasing policy (Appendix Q of the Rules and Regulations) which requires competitive bidding for jobs estimated to cost over \$25,000 and allows a deviation when the Board finds another method is in the best interest of the District. Ms. Dillon stated that staff believes an informal request for proposals is beneficial to the District because the job can be performed more expeditiously, and the multiple proposals promote competition and ensure a reasonable price. Ms. Dillon provided the Construction Services Proposal received from J. Alvarado Roofing, Inc. who staff recommends the contract to awarded to.

Following discussion:

It was moved by Director Valdez, seconded by Director Erickson and carried by a 3-0 vote to: (1) determine that a deviation from the District's procurement and purchasing policy in the best interest of the District; (2) authorize the General Manager to award a contract to the lowest responsible bidder, J. Alvarado Roofing, Inc. for the replacement of the existing wooden roof and replace damaged materials at various sites in the District at a cost of \$68,700, establish a contingency amount of \$13,740 (20% of contract) to cover the cost of unforeseen or additional work; and (3) find said project exempt from the provisions of the California Environmental Quality Act (CEQA).

Procurement of two HeloPods and Associated Trailers, Project C-1087 – Mr. Lee stated that wildfires pose a considerable risk to the La Crescenta area and that the LA County Fire Department is implementing a plan to install HeloPods every 4-6 miles in high-danger areas such as ours. Mr. Lee proposed that the District purchase two HeloPods and an associated trailer to provide significant fire protection and other benefits to the District’s customers and the surrounding region. Mr. Lee provided the proposal received from HeloPod and stated that staff is exploring funding partnerships with the County Supervisor’s Office and other entities which would offset the anticipated cost.

Director Johnson arrived at 6:35 pm

Following discussion:

It was moved by Director Erickson, seconded by Director Johnson and carried by a 4-0 vote to (1) determine that a deviation from the District’s procurement and purchasing policy is in the best interest of the District; (2) authorize the General Manager to award a contract to PumpPodUSA for two HeloPods and their associated trailers at a cost of \$153,063.58 and establish a contingency amount of \$15,306 (10% of contract) to cover the cost of unforeseen or additional work; and (3) find said project exempt from the provisions of the California Environmental Quality Act (CEQA).

Water Budget Rate Structure – Mr. Gaur of Water Resources Economics facilitated a follow-up workshop to the August 20, 2024, workshop on the same matter, “Water Budget-Based Rate Study & Wastewater Rate Study”. The workshop recapped the August 20th meeting, provided an updated water budget analysis, water budget policy options, financial resiliency, and next steps. The Board provided Mr. Gaur with several policy directives needed for WRE to progress to the next stage of analysis: 1) a default allotment of 4 individuals per household for the “indoor water budget”; 2) the availability of a variance appeal process regarding household size; and 3) a default allotment of 1/3 of total lot size as outdoor irrigable area per Department of Water Resources data and Los Angeles County data for the “outdoor water budget” including a cap for square footage to be determined in the future. Mr. Gaur requested two additional water budget-based rate workshops to be held in October and November and anticipates the consideration of water and wastewater budget rates in early Spring of 2025.

INFORMATION ITEMS – Imagine a Day Without Water Event, CV Weekly dated August 29, 2024 “News from the CVWD”.

WRITTEN COMMUNICATIONS TO DISTRICT – None

GENERAL MANAGER – Mr. Lee reported that CVWD was represented at the following events: (1) ACWA Region 8 Event, (2) CA Water Data Summit in San Diego, (3) Pathways for Women Conference, and the (4) DROPS Program Kick-Off. Mr. Lee announced that CVWD attended Part 1 of Emergency Response Training which will be held quarterly, and that the 6th Annual Pancake Breakfast will be held on September 19th and the Imagine a Day Without Water Event on September 28th. Mr. Lee introduced Edgar Perez as CVWD Employee Spotlight for the month. Mr. Montes provided highlights of the July Administration & Finance Report.

ATTORNEY REPORT – No report

REPORTS OF COMMITTEES

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

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

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

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

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

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

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

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

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

DIRECTORS' ORAL REPORTS

Director Bodnar – No report.

Director Erickson – No report.

Director Johnson – No report.

Director Raghavachary – Absent

Director Valdez – No report

BOARD MEMBERS REQUESTS FOR FUTURE AGENDA ITEMS – None

CLOSED SESSION – No reportable action.

ADJOURNMENT

There being no other business to come before the Board, at 8:32 p.m., the meeting was adjourned to September 24, 2024, at 7:00 p.m.

APPROVED

Sharon S. Raghavachary
President

Arturo Montes
Board Secretary

Director Compensation Report

Aug-24



<u>Name</u>	<u>Date</u>	<u>Meeting/Event</u> *
Director Bodnar	9/10/2024	Board Meeting
	9/24/2024	Board Meeting
	9/28/2024	Day Without Water

Director Erickson	9/10/2024	Board Meeting
	9/24/2024	Board Meeting
	9/28/2024	Day Without Water

Director Johnson	9/10/2024	Board Meeting
	9/19/2024	AdHoc Legal Commttee
	9/24/2024	Board Meeting
	9/28/2024	Day Without Water

Director Raghavachary	9/10/2024	Board Meeting
	9/19/2024	AdHoc Legal Committee
	9/24/2024	Board Meeting
	9/28/2024	Day Without Water

Director Valdez	9/10/2024	Board Meeting
	9/24/2024	Board Meeting
	9/28/2024	Day Without Water

* Compensation of \$125 per meeting

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 1
September 24, 2024

To: Honorable President and Members of the Board of Directors
From: Arturo Montes – Interim Director of Finance and Administration
Subject: **Appeal of High Water Bill at 2001 Manistee**

ACTION ITEM:

Consideration and possible action to grant a request for relief from a high water bill by owner Bungwoo Min.

BACKGROUND:

Bungwoo Min is the owner of the property located at 2001 Manistee. On April 24, 2024, the District's meter reader, Mario Mejia, was dispatched to check the property's meter. As part of the District's protocol, meters are checked as a courtesy when readings exceed historical averages. During this visit, staff observed a leak registering on the meter. Mario spoke with the owner's daughter, who mentioned that they had repaired a leak a few days earlier; however, the meter continued to show water flow. Mr. Min informed the District that he subsequently found various leaks as he inspected his irrigation system. Since then, all leaks on the property have been repaired.

The three-year average water usage for the March through April billing cycle is 24 units, which typically falls within Tier 2. However, the total consumption for the current bill is 375 units, placing it in Tier 3. In similar cases in the past, the Board has directed staff to recalculate the bill, offering relief by charging the Tier 2 rate for all consumption billed at the Tier 3 rate. For this case, applying the Tier 2 rate to the 375 units currently billed at the Tier 3 rate would result in a total relief of \$1,720.28. Staff did not apply the District's one-time \$300 leak adjustment to this bill, as one was already applied in March 2020. If the Board follows its previous practices, the total relief granted would be \$1,720.28.

2/16/2024 to 4/15/2024 Period

	Original Billing	Recalculated Billing
Tier 1 - 10 units @ \$5.96	\$59.60	\$55.10
Tier 2 - 16 units @ \$11.09	\$177.44	\$164.16
Tier 3 - 375 units @ \$15.63	\$5,861.25	\$4,158.75
Subtotal	\$6,098.29	\$4,378.01
Billing Adjustment		\$1,720.28
Staff Adjustment		\$0.00
	Credit	\$1,720.28

RECOMMENDATION

Staff recommends that the Board consider Mr. Min's appeal for additional relief.

Prepared by:



Tessa Allmon
Customer Service Lead

Submitted by:



Arturo Montes
Interim Director of Finance and Administration

Attachment(s):

1. Customer bill
2. Customer Leak Adjustment letter

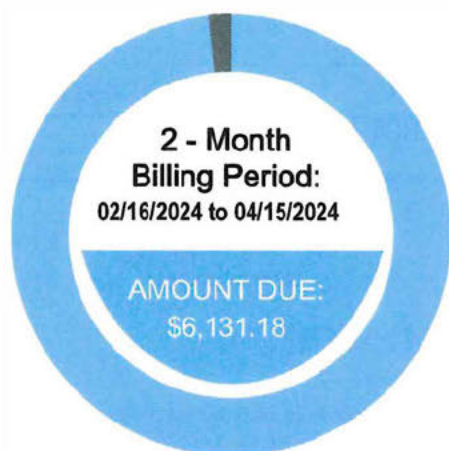
g:\management\board meeting staff reports\2024\09-24-24 board memo - Appeal of High Water Bill at 2001 Manistee.docx



UTILITY SERVICES STATEMENT - TWO - MONTH BILLING PERIOD

CRESCENTA VALLEY WATER DISTRICT • 2700 FOOTHILL BLVD • LA CRESCENTA CA 91214-3590

Customer Name	Account Number	Service Address	Billing Date	Due Date
Bungwoo Min	011429-000	2001 Manistee Dr	04/15/2024	UPON RECEIPT



WATER

\$ 6,199.04



SEWER

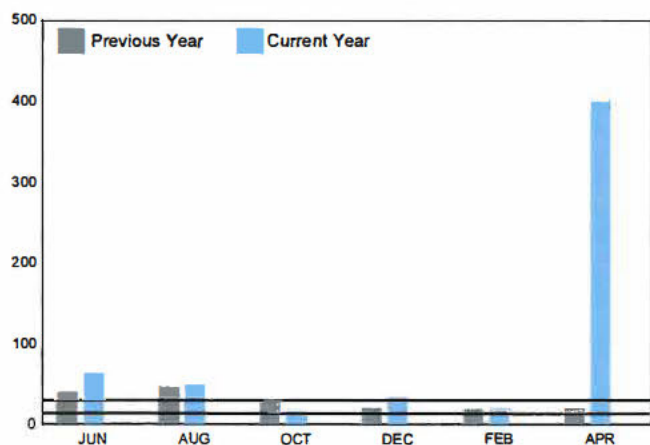
\$ 103.59

MESSAGE CENTER

Crescenta Valley Water District's Board of Directors is deferring rate increases this year for both the water and wastewater utilities. While future increases will be necessary to keep pace with growing costs, CVWD is committed to keeping costs as low as possible.

Exciting news! CVWD has upgraded to a new payment portal. Signing up is easy. Simply log on to <https://cvwd.smartcmobile.com/portal>.

USAGE HISTORY



WATER USAGE INFORMATION

METER #: 77930508

METER SIZE: 1"

Days of Service	Previous Read	Current Read
~59	1704	2105
Prev Year Usage (Units)		Current Usage (Units)
20		401

1 Unit = 1,000 gallons



**CRESCENTA VALLEY
WATER DISTRICT**
2700 FOOTHILL BLVD
LA CRESCENTA CA 91214-3590

ACCOUNT INFORMATION

ACCOUNT NUMBER: 011429-000
SERVICE ADDRESS: 2001 Manistee Dr

CSQ0425A 169 1 AV 0.507
7000000184 00.0004.0043 169/1



BUNGWOO MIN
2001 MANISTEE DR
LA CANADA CA 91011-1209

PAY ONLINE AT: www.cvwd.com

CURRENT CHARGES	PAST DUE BALANCE	AMOUNT DUE
\$6,302.63	\$0.00	\$6,131.18
DUE UPON RECEIPT		AMOUNT PAID

Additional Information on Reverse

Please Make Checks Payable and Remit to



CRESCENTA VALLEY WATER DISTRICT
2700 FOOTHILL BLVD
LA CRESCENTA, CA 91214-3590

Previous Activity

Last Bill:	\$557.43
Payment:	\$728.88
Adjustments:	\$0.00
Past Due Amount:	\$0.00
Fees and Fines	\$0.00

Billing Detail

	Water Service Charge	100.75
	Water Usage Charges	
	Tier 1 - 10 x \$5.96 (Basic Usage 0-10 Units)	59.60
	Tier 2 - 16 x \$11.09 (Average Usage 11-26 Units)	177.44
	Tier 3 - 375 x \$15.63 (High Usage - 27 + Units)	5,861.25
	Total Water	\$6,199.04
	Sewer Service Charge	58.59
	Sewer Flow Charge (Winter Water Usage)	45.00
	Total Sewer	\$103.59

CRESCENTA VALLEY WATER DISTRICT
2700 FOOT HILL BOULEVARD
LA CRESCENTA, CALIFORNIA 91214

BILLING INQUIRIES: (818) 248-3925
OFFICE HOURS: MON - FRI 7:30 AM - 4:00 PM
24 HR. EMERGENCY #: (818) 248-3925

FOR MORE INFORMATION
VISIT OUR WEB SITE AT
www.cvwd.com

CUSTOMER INFORMATION

METER READINGS

Safe access to the meter helps us provide you with accurate billing. The water meter is the property of Crescenta Valley Water District and within a public easement. Please DO NOT construct anything near, over or around the meter that would interfere with regular access by CVWD employees. All vegetation must be controlled so as not to obstruct or cover the meter box. Hazardous materials (solvent, oil, paint, etc.) may not be placed in the meter box as they may contaminate the water.

WHEN YOU NEED OUR METER TURNED OFF

Please call our office anytime you need our meter turned off. This service is available at no charge 24 hours a day, 7 days a week. A Service Representative will be dispatched out to turn the meter off. When you are ready to have the water turned back on, just call our office again. Please DO NOT turn off our meter. Should you attempt to turn off our meter and cause damage, you will be charged any necessary repairs.

CWVD is responsible for the water line in the street and for the water line to our meter. We also maintain the valve, meter box and lid. Any repair past our meter towards the property is the customer's responsibility.

TOTAL AMOUNT DUE: **\$8,131.18**

A Late fee will be assessed 45 days after the billing date if payment has not been received.

If you have a dispute regarding the billing you may notify the District within 30 days of receipt.

IF ANY OF THE FOLLOWING HAVE CHANGED PLEASE FILL IN BELOW:

Mailing Address _____

Home Phone _____

Work Phone _____

Cell Phone _____

Email Address _____



Tessa Allmon

From: [REDACTED]
Sent: Friday, June 21, 2024 1:38 PM
To: Customer Service
Subject: 2001 Manistee Leak Rate Adjustment appeal
Attachments: 2001 Manistee Wate Leak Fix Details.pdf

RECEIVED
JUN 21 2024
CRESCENTA VALLEY
WATER DISTRICT

Hello,

We had a leak starting in late April, and were told to request an appeal as well as send a repair parts list when finished with work. Please find attached the procedures and parts list for the repair.

Thank you,
Sean Min (Bung Woo)

1. Leaking 1

At night April 16,2024, Mom called me there was a water leaking on drive way hill. Sean took pictures on that leaking spot on April 17 and sent me. I came from Sanger and fixed it on that day (PIC 1& 2).



PIC 1. when leaking

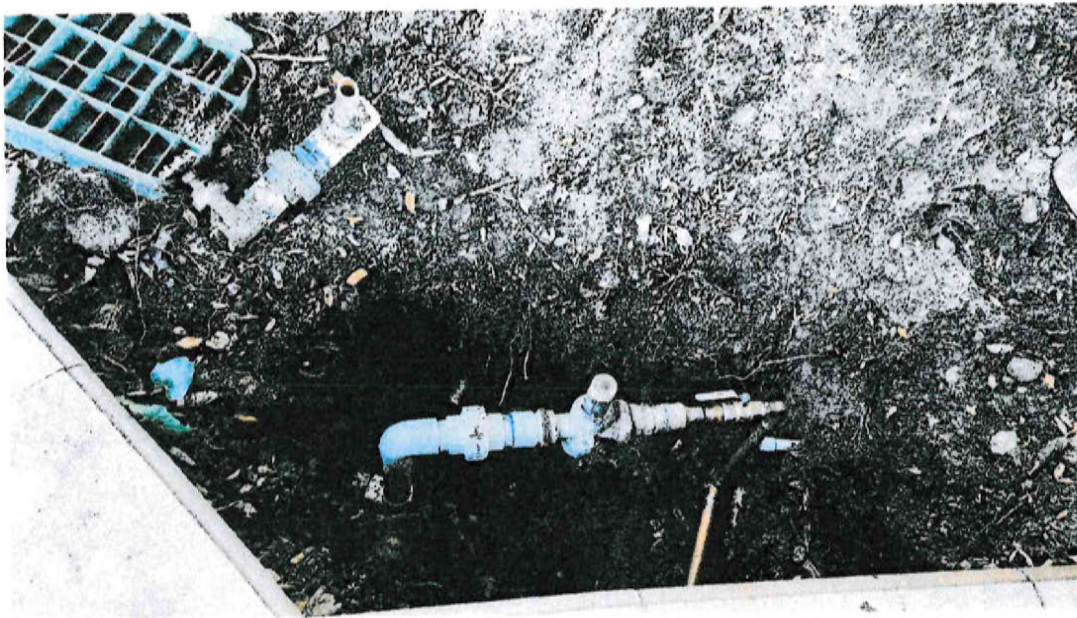


PIC 2. after fixing

2. Leaking 2

After we got Leaking Notice from CVWD on April 24, I came from Sanger and I found leaking spot on near main valve and fixed it on April 25,2024. (PIC 3, 4)





PIC 4. After fixing

3. I think there is another very little leaking place.

I will find the place and fix it.

4. To check the leaking, I closed water pipe runed to 3rd floor back yard, but still leaked.

5. I found another leaking place and fixed it and installed Ball water valve (PIC 5).



PIC 5. Ball Valve Install

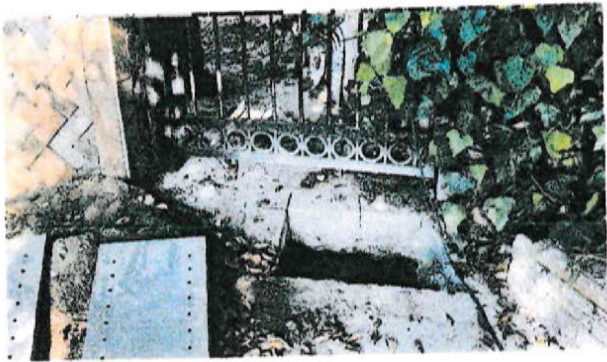


PIC 6. Motorized Valve Install

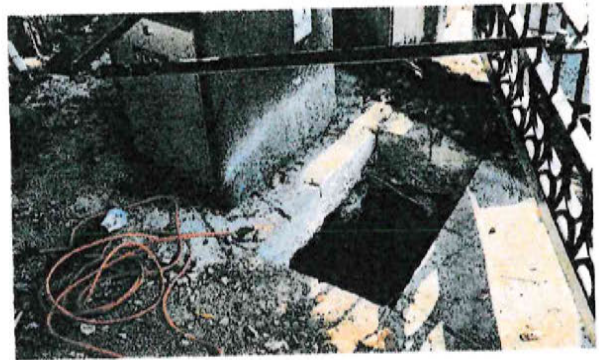
6. But I checked there is somewhere still very little leaking between the main valve and the newly installed ball water valve under the driveway concrete and asphalt and then installed motorized water valve to open remotely when we need water (PIC 6).

7. I connected water hose between main valve and motorized valve and I found there was no leaking.

8. I broke the concrete floor 2 places (PIC 7,8) to put pex pipe in and found there was leaking at the one of them (PIC 7).



PIC 7. Opened Concrete Floor



PIC 8. Opened Concrete Floor

9. I put the pex pipe in the 2 inch pipe and connected to Main valve and Motorized Valve, and I replaced the old water pressure regulator to the new water pressure regulator because the old one could not be adjusted (PIC 9), then covered with Valve Box(PIC 10).



(PIC 9)



(PIC 10)

10. Parts List (\$2,182.97)

12. Tools Purchased (\$1,773.90)



Store #151
Ace Store #17511
3100 Foothill Blvd
La Crescenta, CA 91214
Phone (818) 658-5092

a P
Sale

ards number: 19643903379
OSTREET 1 & 11 99 tx
3314123 (046184)
OSTREET 1 & 11 99 tx
3314123 (046184)
23.98
6% 2.28
26.26
9382 26.26

132401
CAPTURED
Pg mode: Ch & Read
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BIT

0008001
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11203612000
SUER
VATURE

Thank you for shopping at
ACE Hardware



0015100208363042624

21 8968 04/25/24 16:05:22

ABOUT YOUR EXPERIENCE TODAY AND
TO WIN A \$50 ACE GIFT CARD

Visit TalkToAceHardware.com or
Text HELPFUL to 223439
Survey Invite Valid for 72 Hours
Rules at TalkToAceHardware.com
Ace Store #17511
Journal #

266128860041



Store #151
Ace Store #17511
3100 Foothill Blvd
La Crescenta, CA 91214
Phone (818) 658-5092

Shared 0
Normal Sale

ace Rewards number: 19643903379
CAP PVC 3/4 SCH40 1 1/2 39 23 97 tx
611942134434 (4408965)
CAP PVC 1 SCH40 10 11 99 tx
611942134441 (4408973)
CAP PVC 1 SCH40 10 11 99 tx
611942134441 (4408973)
47 95
SUBTOTAL
TAX 1 9.5% 4 56
TOTAL 52 51
VISA xxxxxxxxxxxx9382 52 51
617155

STROUT: 143876
Result: CAPTURED
Card entry mode: Chip Read
RID: A0000000031010
VISA CREDIT
ARC: 00
TVR: 8080008000
SI: 6800
LAD: 06011203602000
Mode: ISSUER
CVM: SIGNATURE

Thank you for shopping at
ACE Hardware



0015100201321051724

0151 002 259 152 05 1724 12 04 26



Store #151
Ace Store #17511
3100 Foothill Blvd
La Crescenta, CA 91214
Phone (818) 658-5092

John D
Normal Sale

ace Rewards number: 19643903379
SILDER PLUMBING FLO- 25.99
031427339459 (027156)
SUBTOTAL 25.99
TAX 1 9.5% 2.47
TOTAL 28.46
VISA xxxxxxxxxxxx9382 28.46
126212
STROUT: 930914
Result: CAPTURED
Card entry mode: Chip Read
RID: A0000000031010
VISA CREDIT
ARC: 00
TVR: 8080008000
SI: 6800
LAD: 06011203602000
Mode: ISSUER
CVM: SIGNATURE

Thank you for shopping at
ACE Hardware



0015100504334042624

0151 005 88 4334 04/26/24 19:21:39

TELL US ABOUT YOUR EXPERIENCE TODAY A
ENTER TO WIN A \$50 ACE GIFT CARD

Visit TalkToAceHardware.com or
Text HELPFUL to 223439
Survey Invite Valid for 72 Hours
Complete Rules at TalkToAceHardware.c
Ace Store #17511
Journal #

34265156430041

Total 26.26+52.51+28.46=\$107.3



Store #151
Ace Store #17511
3100 Foothill Blvd
La Crescenta, CA 91214
Phone (818) 658-5092

THANK YOU FOR SHOPPING AT
DIY HOME CENTER TOLONGA
6300 FOOTHILL BLVD.
TOLONGA, CA. 91042
(818) 352-4466

THANK YOU FOR SHOPPING AT
DIY HOME CENTER TOLONGA
6300 FOOTHILL BLVD.
TOLONGA, CA. 91042
(818) 352-4466

John D
Normal Sale

7/27/24 8:29AM 3960 206 SALE
B339 1 EA \$4.741EA C
1/2X72 SAND CLOTH \$4.74
3-TOTAL: \$ 4.74 TAX: \$.45
TOTAL: \$ 5.19
BC AMT: \$ 5.19

CARD#: XXXXXXXXXX9382
I:*****6999 IID:***6566
H: 017292 AMT: \$ 5.19
Reference #:595053 Bat#

Authorizing Network: VISA

Cardless

0 TYPE: VISA EXPR: XXXX

: A000000031010
: 0000000000
: 06011203600000
: 00
: Issuer
: No CVM
: VISA CREDIT
: 0030
: 5E4ED5J33296698H

D/ValCode: 862872

card USD\$ 5.19



JRNL# 195053/11
CUST NO: #300

THANK YOU VISA CARDHOLDER
FOR YOUR PATRONAGE

SENIOR CITIZEN DISCOUNT

Customer Copy

04/30/24 1:15PM 4311 203 SALE
452893 1 EA \$17.091EA C
FOIL TAPE 2"X50YD \$17.09
305713 1 EA \$18.991EA C
RESPIRATOR VALVED N95 10PK \$18.99
655479 1 EA \$6.641EA C
301-4 16X25 DUST RED FLTR \$6.64

SUB-TOTAL: \$ 42.72 TAX: \$ 4.06
TOTAL: \$ 46.78
BC AMT: \$ 46.78

BR CARD#: XXXXXXXXXX9382
MID:*****6999 IID:***6566
AUTH: 510351 AMT: \$ 46.78
Host reference #:598495 Bat#

Authorizing Network: VISA

Chip Read

CARD TYPE: VISA EXPR: XXXX

AID : A000000031010
TVR : 8080008000
IAD : 06011203600000
TSI : 6800
ARC : 00
MODE : Issuer
CVM :

Name : VISA CREDIT
ATC : 0034
AC : 3972F6DE123F1D36
TxnID/ValCode: 877805

Bank card USD\$ 46.78



JRNL# 198495/11
CUST NO: #300

THANK YOU BYUNG HOU MIN
FOR YOUR PATRONAGE

ACE: CENTRAL FLOOR 2ND FLOOR

Ace Rewards number: 19643903379
SOLID WIRE SOLDER 40 16.99
031427334065 (2017366)

SUBTOTAL 16.99
TAX 1 9.5% 1.61
TOTAL 18.60
VISA XXXXXXXXXX9382 18.60

516280
CIRCUIT 530842
Result: CAPTURED

Card entry mode: Chip Read

AID: A000000031010

VISA CREDIT

ARC: 00

TVR: 8080008000

TSI: 6800

IAD: 06011203602000

Mode: ISSUER

CVM: SIGNATURE

Thank you for shopping at
ACE Hardware



0015100504256042624

0151 005 88 4256 04/26/24 13:08

TELL US ABOUT YOUR EXPERIENCE TODAY
ENTER TO WIN A \$50 ACE GIFT CARD

Visit TalkToAceHardware.com or
Text HELPFUL to 223439
Survey Invite Valid for 72 Hours
Complete Rules at TalkToAceHardware
Ace Store #17511
Journal #

24265151650041

Total 5.19 + 46.78 + 18.60 = \$70.57



How does
get more done.



How does
get more done.

CHARLES E. FRENCH@HOMEDEPOT.COM
1200 FLOWER ST. BURBANK CA-91502

6654 00061 08799 06/15/24 09:04 PM
SALE SELF CHECKOUT

049081134686 PVC BUSHING <A> 2.95
1-1/2"X1" PVC BUSHING SPOXFPT
049081137625 1-1/2 CPLING <A> 1.39
1-1/2" PVC COUPLING SXS
670750841118 1 MALE ADAPT <A> 13.65
1" PEX-A X 1" MALE ADAPTER
887480018691 LFA-919 <A> 13.35
1" MIP X 3" NIPPLE RED BRASS
049081141462 PVC ELBOW <A> 8.67
2" PVC EL 90D SXFPT
039923303424 1CPR MALEADP <A> 12.75
1" COP MALE ADPTR CXMPT
039923312969 1IN COP EL90 <A> 7.35
1" COP EL 90 DEG CXK

SUBTOTAL 60.11
SALES TAX 6.16
TOTAL \$66.27

XXXXXXXXXXXX9382 VISA USD\$ 66.27
AUTH CODE 025150/0616542
Chip Read
AID A0000000031010 VISA CREDIT

PRO XTRA MEMBER STATEMENT

PRO XTRA ###-###-0240 SUMMARY

2024 PRO XTRA SPEND 06/14: \$866.90

As of 06/15/2024 your Paint Rewards level is Member; Spend 986.02 more in qualifying paint purchases to earn Bronze (10.0% off) on select paint items.

Get the CREDIT LINE your business needs PLUS earn Perks 4X FASTER when you join Pro Xtra, register, & use your Pro Xtra Credit Card. Apply and SAVE UP TO \$100. Learn more at homedepot.com/credit

6654 06/15/24 09:04 PM



RETURN POLICY DEFINITIONS
POLICY ID DAYS POLICY EXPIRES ON
A 1 90 09/13/2024

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
DID WE NAIL IT?

Take a short survey for a chance to WIN A \$5,000 HOME DEPOT GIFT CARD

Optine en español

www.homedepot.com/survey

User ID: H89 24541 17948
PASSWORD: 24315 17687

Entries must be completed within 14 days of purchase. Entrants must be 18 or older to enter. See complete rules on website. No purchase necessary.

JUSTIN L. RUHGA@HOMEDEPOT.COM
4864 E. KINGS CANYON RD. FRESNO CA 9

1086 00051 10127 06/13/24 01:4
SALE SELF CHECKOUT

670750840357 1IN FEM SWT <A> 7
1" PEX-A X 1" FEMALE SWEAT ADAPTER
670750703485 PEX SWT ADPT <A> 5
1" PEX X FEMALE COPPER SWEAT ADAP
670750842191 1IN SLEEVE <A> 16
1" PEX-A SLEEVE/R" (25-PK)

SUBTOTAL 30.76
SALES TAX 2.52
TOTAL \$32.28

XXXXXXXXXXXX9382 VISA USD\$ 32
AUTH CODE 513134/2514198
Chip Read
AID A0000000031010 VISA CREDIT

PRO XTRA MEMBER STATEMENT

PRO XTRA ###-###-0240 SUMMARY

2024 PRO XTRA SPEND 06/12: \$831

As of 06/13/2024 your Paint Rewards level is Member; Spend 986.02 more in qualifying paint purchases to earn Bronze (10.0% off) on select paint items.

Get the CREDIT LINE your business needs PLUS earn Perks 4X FASTER when you join Pro Xtra, register, & use your Pro Xtra Credit Card. Apply and SAVE UP TO \$100. Learn more at homedepot.com/credit

1086 06/13/24 01:42



RETURN POLICY DEFINITIONS
POLICY ID DAYS POLICY EXPIRES ON
A 1 90 09/11/2024

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
DID WE NAIL IT?

Take a short survey for a chance to WIN A \$5,000 HOME DEPOT GIFT CARD

Optine en español

www.homedepot.com/survey

User ID: H89 21629 20594
PASSWORD: 24313 20543

Entries must be completed within 14 days of purchase. Entrants must be 18 or older to enter. See complete rules on website. No purchase necessary.

Total 42.99 + 66.27 + 32.28 = \$141.54

THANK YOU FOR SHOPPING AT
DIY HOME CENTER TUNJUNGA
6300 FOOTHILL BLVD.
TUNJUNGA, CA. 91042
(818) 352-4466

15/24 6:01PM 4278 211 SALE

528 1 EA \$4.55 EA C
PVC 45 ELI \$4.55
633 1 EA \$3.41 EA C
PVC BUSHING SXS \$3.41
528 1 EA \$4.55 EA C
PVC 45 ELI \$4.55
494 3 EA \$10.44 EA C
COPPER MIP ADAPTOR \$31.32

TOTAL: \$ 43.63 TAX: \$ 4.16
TOTAL: \$ 47.99
EC AMT: \$ 47.99

CARD#: XXXXX XXXXX9382
*****5999 IID: *****566
E: 025100 AMT: \$ 47.99
Reference # 641834 Bat#

Authorization Network: VISA

Card Read
CARD TYPE: VISA EXPR: XXXX

: A0000000031010
: 8060008000
: 0601120360A000
: 6600
: 00

E: Issuer

E: VISA CREDIT

: 10052
: 1CB418665A402579
ID/ValCode: 076262

Card USD\$ 47.99



JRWN# 641834/11
CUST NO: 1300

THANK YOU BYUNG WOO MIN
FOR YOUR PATRONAGE



THANK YOU FOR SHOPPING AT
DIY HOME CENTER TUCUNGA
6300 FOOTHILL BLVD.
TUCUNGA, CA. 91042
(818) 352-4466



THANK YOU FOR SHOPPING AT
DIY HOME CENTER TUCUNGA
6300 FOOTHILL BLVD.
TUCUNGA, CA. 91042
(818) 352-4466



THANK YOU FOR SHOPPING AT
DIY HOME CENTER TUCUNGA
6300 FOOTHILL BLVD.
TUCUNGA, CA. 91042
(818) 352-4466

5/20/24 7:53AM 2486 209 SALE
6523 1 EA \$5.69 1EA C
14 PT RED HOT BLUE GLUE \$5.69
16296 1 EA \$15.19 1EA C
OVER TEST GAUGE \$15.19
SUB TOTAL: \$ 20.98 TAX: \$ 1.96
TOTAL: \$ 22.86
BC AMT: \$ 22.86

CARD#: ****
MID: *****6999 IID: ***6566
AUTH: 718122 AMT: \$ 22.86
Host reference #: 644200 Bat#

Authorizing Network: VISA

Chip Read
CARD TYPE: VISA EXPR: XXXX
AID: A0000000031010
TVR: 8080008000
IAD: 0602120602000
TSI: E800
ARC: 00
MODE: Issuer
CVM: 1
Name: CHASE VISA
ATC: 0014
AC: 601C2685769898B/
TxnID/ValCode: 005479

Bank card USD\$ 22.86



JRNL# 027611/11
CUST NO: *300

THANK YOU BYUNG MIN
FOR YOUR PATRONAGE

SENIOR CITIZEN DISCOUNT

Customer Name

06/18/24 3:23PM 4324 203 SALE
647284 1 EA \$5.21 1EA C
3/4X3/4X1/2 HHLXMTXPT B \$5.22
697265 1 EA \$9.49 1EA C
1X3/4 #2 BRASS BUSH \$9.49
SUB-TOTAL: \$ 14.71 TAX: \$ 1.40
TOTAL: \$ 16.11
BC AMT: \$ 16.11

BR CARD#: XXXXXXXXXX9382
MID: *****6999 IID: ***6566
AUTH: 718122 AMT: \$ 16.11
Host reference #: 644200 Bat#

Authorizing Network: VISA

Chip Read
CARD TYPE: VISA EXPR: XXXX
AID: A0000000031010
TVR: 8080008000
IAD: 0601120602000
TSI: E800
ARC: 00
MODE: Issuer
CVM: 1
Name: VISA CREDIT
ATC: 0058
AC: F5F07209B2908EFF
TxnID/ValCode: 087341

Bank card USD\$ 16.11



JRNL# 044200/11
CUST NO: *300

THANK YOU BYUNG MIN
FOR YOUR PATRONAGE

SENIOR CITIZEN DISCOUNT

Customer Name

06/01/24 7:19AM 2486 209 SALE
345711 1 EA \$8.82 1EA
10-280 KNIFE SNAP OFF \$8.82
976151 1 EA \$7.59 1EA
ADJ. NOZZLE BRASS TIP \$7.59
975406 2 EA \$4.74 1EA
5/8 MALE HOSE REPAIR PRO SER1 \$9.48
975407 2 EA \$4.74 1EA
5/8 FEMALE HOSE REPAIR PRO SER1 \$9.48
SUB-TOTAL: \$ 35.36 TAX: \$ 3.36
TOTAL: \$ 38.74
BC AMT: \$ 38.74

BR CARD#: XXXXXXXXXX0513
MID: *****6999 IID: ***6566
AUTH: 062740 AMT: \$ 38.74
Host reference #: 644200 Bat#

Authorizing Network: VISA
Chip Read
CARD TYPE: VISA EXPR: XXXX
AID: A0000000031010
TVR: 8080008000
IAD: 0602120602000
TSI: E800
ARC: 00
MODE: Issuer
CVM: 1
Name: CHASE VISA
ATC: 0013
AC: 555811A250B112E23
TxnID/ValCode: 005474

Authorizing Network: VISA

Chip Read
CARD TYPE: VISA EXPR: XXXX
AID: A0000000031010
TVR: 8080008000
IAD: 0602120602000
TSI: E800
ARC: 00
MODE: Issuer
CVM: 1
Name: CHASE VISA
ATC: 0013
AC: 555811A250B112E23
TxnID/ValCode: 005474

Bank card USD\$ 38.74



JRNL# 027605/11
CUST NO: *300

THANK YOU BYUNG MIN
FOR YOUR PATRONAGE

Total 22.86 + 16.11 + 38.74 = \$ 77.71



Store #151
Ace Store #17511
3100 Foothill Blvd
La Crescenta, CA 91214
Phone (818) 658-5092

r S
Sale

ards number: 19643903379

0 2 SXS SCH4	6.59	1x
2038671 (043127)		
40PVC2 SPIGI	6.99	1x
2082346 (048214)		
L	13.58	
5%	1.29	
	14.87	
XXXXXX0813	14.87	

149772
CAPTURED
try mode, Chip Read
000000031010
EDIT

80008000
00
021203602000
SSUER
SNATURE

Thank you for shopping at
ACE Hardware



0015101005747052824

3 1099 5747 05/28/24 07:23:44

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
5 ABOUT YOUR EXPERIENCE TODAY AND
ER TO WIN A \$50 ACE GIFT CARD
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
sit TalkToAceHardware.com or
Text HELPFUL to 223439
vey Invite Valid for 72 Hours
2 Rules at TalkToAceHardware.com
Ace Store #17511
Journal #

5285100741051



THANK YOU FOR SHOPPING AT
DIY HOME CENTER TUDJUNGA
6300 FOOTHILL BLVD.
TUDJUNGA, CA. 91042
(818) 352-4466

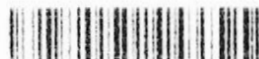
05/29/24 10:04AM 4274	204	SALE
640658	1	EA \$7.591EA C
1" SLIPXMIIP SCH 80 UNION		\$7.59
673609	2	EA \$2.366EA C
1 1/2X1 PVC BUSHING SXS		\$4.73
SUB-TOTAL: \$	12.32	TAX: \$ 1.17
		TOTAL: \$ 13.49
	BC AMT: \$	13.49

BK CARD#: XXXXXXXXXX0813
MID:*****6999 TID:***6999
AUTH: 034230 AMT: \$ 13.49
Host reference #:624911 Bal#

Authorizing Network: VISA

Chip Read
CARD TYPE: VISA EXPR: XXXX
AID: A0000000031010
TVR: 0080008000
IAD: 06021203602000
TSI: E800
ARC: 00
MODE: Issuer
CVM:
Name: CHASE VISA
ATC: 0000
AC: EFD5037260F1982F
TxnID/ValCode: 997850

Bank card USD\$ 13.49



=> JRN# 024933/11
CUST NO: F300

THANK YOU BYUNG MIN
FOR YOUR PATRONAGE

Acct: SENIOR CITIZEN DISCOUNT

Customer Copy



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DIY HOME CENTER TUDJUNGA
6300 FOOTHILL BLVD.
TUDJUNGA, CA. 91042
(818) 352-4466

05/31/24 6:22PM 4311	203	SAL
648045	1	EA \$4.361EA
2X3/4 PVC BUSHING SXT		\$4
698043	1	EA \$4.266EA
1 1/2X3/4 PVC BUSHING SXT		\$4
673463	1	EA \$2.176EA
2" PVC COUPLING SXS		\$2
673307	1	EA \$1.511EA
1 1/2" PVC COUPLING SXS		\$1
675804	1	EA \$2.651EA
3/4 FHT X 3/4 MIP SWIVEL		\$2
675800	1	EA \$2.651EA
3/4MHTX3/4MIP PVC ADP.		\$2

SUB-TOTAL: \$ 17.62 TAX: \$ 1
TOTAL: \$ 19.29
BC AMT: \$ 15

BK CARD#: XXXXXXXXXX9382
MID:*****6999 TID:***6566
AUTH: 021322 AMT: \$ 15
Host reference #:627500 Bal#

Authorizing Network: VISA

Chip Read
CARD TYPE: VISA EXPR: XXXX
AID: A0000000031010
TVR: 8080008000
IAD: 06011203602000
TSI: E800
ARC: 00
MODE: Issuer
CVM:
Name: VISA CREDIT
ATC: 0042
AC: 86864100FDB63825
TxnID/ValCode: 009188

Bank card USD\$ 19.29

Total 14.37 + 13.49 + 19.29 = \$47.15



=> JRN# 027500/11
CUST NO: F300



Store #151
Ace Store #17511
3100 Foothill Blvd
La Crescenta, CA 91214
Phone (818) 658-5092



THANK YOU FOR SHOPPING AT
DIY HOME CENTER TUDJUNGA
6300 FOOTHILL BLVD.
TUDJUNGA, CA. 91042
(818) 352-4466



THANK YOU FOR SHOPPING AT
DIY HOME CENTER TUDJUNGA
6300 FOOTHILL BLVD.
TUDJUNGA, CA. 91042
(818) 352-4466

mer S
il Sale

Rewards number: 19643903379
IR 1 MPT SCH40 1 11.99 t-
1942134410 (4406716) 11.99
JTAG 1 14
1 9.5X 13 13
L 13 13
XXXXXXXXXXXX0813
6B
UTD 146641
11: CAPTURED
entry mode: Chip Read
A0000000031010
CREDIT
00
0880008000
E800
06021203602000
ISSUER
SIGNATURE

Thank you for shopping at
ACE Hardware



0015101004318052224

010 1099 4318 05/22/24 16 20 48

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
TALK TO US ABOUT YOUR EXPERIENCE TODAY AND
ENTER TO WIN A \$50 ACE GIFT CARD
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Visit TalkToAceHardware.com or
Text HELPFUL to 223439
Survey Invite Valid for 72 Hours
Delete Rules at TalkToAceHardware.com
Ace Store #17511
Journal #

34226109811051

05/21/24 9:50AM 4311 204 SALE
673137 2 EA \$1.226EA C
1" PVC MALE ADAPTOR \$2.45
673668 2 EA \$3.411EA C
2X1 1/2 PVC BUSHING SXS \$6.82
673609 2 EA \$2.366EA C
1 1/2X1 PVC BUSHING SXS \$4.73
673447 2 EA \$3.126EA C
1 1/2 PVC SXS FILL \$6.25
SUB-TOTAL: \$ 20.25 TAX: \$ 1.92
TOTAL: \$ 22.17
GC AMT: \$ 22.17
BK CARD#: XXXXXXXXXXXX0813
MID:*****0999 TID:***6566
AUTH: 005030 AMT: \$ 22.17
Host reference #: G17692 Bat#

Authorizing Network: VISA

Chip Read
CARD TYPE: VISA EXPR: XXXX
ATD: A0000000031010
TVR: 0080008000
IAD: 06021203602002
TSI: E800
ARC: 00
MODE: Issuer
CVM:
Name: CHASE VISA
ATC: 0004
AC: BA36B8FF7E1CF8FD
TxnID/ValCode: 9b2119

Bank card USD\$ 22.17



==> JRNL# 617692/11
CUST NO: 4300

THANK YOU BYUNG MIN
FOR YOUR PATRONAGE

05/19/24 1:42PM 4183 210 SAI
392205 1 EA \$3.506EA
DRILL BIT 1/1 5/64" 2PK \$
640214 1 EA \$5.691EA
1" COPPER RED COUP. \$
674613 1 EA \$13.291EA
1 CXC UNION \$1K
SUB-TOTAL: \$ 20.49 TAX: \$ 2
TOTAL: \$ 22.49
GC AMT: \$ 22.49

BK CARD: XXXXXXXXXXXX0813
MID:*****0999 TID:***6566
AUTH: 005030 AMT: \$ 22.49
Host reference #: G17692 Bat#

Authorization Network: VISA

Chip Read
CARD TYPE: VISA EXPR: XXXX
AID: A0000000031010
TVR: 0080008000
IAD: 06021203602002
TSI: E800
ARC: 00
MODE: Issuer
CVM:
Name: CHASE VISA
ATC: 0002
AC: 5350113957E0A5B1
TxnID/ValCode: 955834

Bank card USD\$ 24.63



==> JRNL# 616311/11
CUST NO: 4300
Total 13.13 + 22.17 + 24.63 = \$59.93
THANK YOU BYUNG MIN
FOR YOUR PATRONAGE

ACCT: SENIOR CITIZEN DISCOUNT



THANK YOU FOR SHOPPING AT
DIY HOME CENTER TUCUNGA
6300 FOOTHILL BLVD.
TUCUNGA, CA. 91042
(818) 352-4466



THANK YOU FOR SHOPPING AT
DIY HOME CENTER TUCUNGA
6300 FOOTHILL BLVD.
TUCUNGA, CA. 91042
(818) 352-4466



THANK YOU FOR SHOPPING AT
DIY HOME CENTER TUCUNGA
6300 FOOTHILL BLVD.
TUCUNGA, CA. 91042
(818) 352-4466

06/09/24 01:55AM 42/8 210 SALE

18044 1 EA \$4.361EA C
1/2X1 PVL BUSHING SKI \$4.3
3307 4 EA \$1.511EA C
1/2" PVC COUPLING SXS \$5.0
3528 2 EA \$4.551EA C
PVC 45 ELI \$0.1
3234 1 EA \$1.416EA C
1/4" PVC COUPLING SXS \$1.4
3447 2 EA \$3.126EA C
1/2 PVC SXS ELI \$6.2

S-TOTAL: \$ 27.17 TAX: \$ 2.5
TOTAL: \$ 29.7
BC AMT: \$ 29.7

CARD#: XXXXXXXXXXXX9382
MID:*****6999 TID:***6566
H: 618155 AMT: \$ 29.7
I reference #: 643654 Bat#

Authorizing Network: VISA

Chip Read
CARD TYPE: VISA EXPR: XXXX
AID: A0000000031010
TVR: 8080008000
IAD: 0601120360A000
TSI: 6800
ARC: 00
MODE: Issuer
CVM: Name: VISA CREDIT
ATC: 0049
AC: 6E/FB00C0B4/EA7B
TxnID/Va[Code: 046736

Bank card USD\$ 16.63
Bank card USD\$ 44.69

card 024 29.75



JRNL# 643654/11
CUST NO: *300

06/09/24 11:45AM 4311 205 SALE

310163 1 EA \$15.191EA C
RECIP BLD 10/141PI 9"5P \$15.19

SUB-TOTAL: \$ 15.19 TAX: \$ 1.44
TOTAL: \$ 16.63
BC AMT: \$ 16.63

SK CARD#: XXXXXXXXXXXX9382
MID:*****6999 TID:***6566
AUTH: 319054 AMT: \$ 16.63
Host reference #: 635364 Bat#

Authorizing Network: VISA

Chip Read
CARD TYPE: VISA EXPR: XXXX
AID: A0000000031010
TVR: 8080008000
IAD: 0601120360A000
TSI: 6800
ARC: 00
MODE: Issuer
CVM: Name: VISA CREDIT
ATC: 0049
AC: 6E/FB00C0B4/EA7B
TxnID/Va[Code: 046736

Bank card USD\$ 16.63



JRNL# 635364/11
CUST NO: *300

THANK YOU BYUNG WOO MIN
FOR YOUR PATRONAGE

Acct: SENIOR CITIZEN DISCOUNT

Customer Copy

04/27/24 8:25AM 3960 206 SA

697659 1 EA \$23.741EA C
LEAD-FREE PLUMBING KIT \$3.24
674559 3 EA \$5.591EA C
1 CXD 90 ELL \$11.07

SUB-TOTAL: \$ 40.81 TAX: \$ 4.69
TOTAL: \$ 44.69
BC AMT: \$ 44.69

SK CARD#: XXXXXXXXXXXX9382
MID:*****6999 TID:***6566
AUTH: 017252 AMT: \$ 44.69
Host reference #: 505046 Bat#

Authorizing Network: VISA

Chip Read
CARD TYPE: VISA EXPR: XXXX
AID: A0000000031010
TVR: 8080008000
IAD: 0601120360A000
TSI: 6800
ARC: 00
MODE: Issuer
CVM: Name: VISA CREDIT
ATC: 002F
AC: 08F7A45B63597E36
TxnID/Va[Code: 862851

Bank card USD\$ 44.69



JRNL# 695046/11
CUST NO: *300

THANK YOU BYUNG WOO MIN
FOR YOUR PATRONAGE

Acct: SENIOR CITIZEN DISCOUNT

Customer Copy

Total 29.75 + 16.63 + 44.69 = 91.07

mylowe's Rewards



LEARN MORE AT LOWES.COM/MYLOWESREWARDS

LOVE'S HOME CENTERS, LLC
13500 PAXTON STREET
PACIMA, CA 91331 (818) 686-4300

SALE

SALES#: 51852843 1602208 TRANS#: 535560370 04-26-24

23910 2-IN SCH40 ELBOW 406020	22.90
5 Q	4.58
18639 LE HARRIS 3-02 METAL WORK	17.48
83482 1-IN CPM COPPER ADAPTER	23.72
2 Q	11.86
188234 2-IN PVC UNION SOCKET END	22.22
251043 BTR 9X11 SAND SHEET 120#	7.98
83485 1-IN X 3/4-IN CXC 90-DEG	28.22
2 Q	14.11
456833 PIPE TAPE 1/2-IN X 43-FT	1.48
35172 4-IN-1 FITTING BRUSH	11.28
2146336 KUBALE 1IN COPPER CUTTER	15.98
795261 KURKY LEVER - BRUSHED NIK	17.38
805907 1.7-FL OZ NOKORODE PST F	4.28
83484 1-IN CXC 90-DEG COPPER EL	10.68
387417 BERNZ 14.1-02 MAPPRO GAS	13.98
SUBTOTAL: 198.18	
TOTAL TAX: 18.83	
INVOICE 78150 TOTAL: 217.01	
VISA: 217.01	

AT: XXXXXXXXXXXX9362 AMOUNT: 217.01 AUTHCD: 216225
CHIP REFID:185202150335 04/26/24 10:52:36
TUR : 8080000000
TSI : 6800

STORE: 1852 TERMINAL: 02 04/26/24 10:52:44

OF ITEMS PURCHASED: 19
EXCLUDES FEES, SERVICES AND SPECIAL ORDER ITEMS



THANK YOU FOR SHOPPING LOWE'S.
FOR DETAILS ON OUR RETURN POLICY, VISIT
LOWES.COM/RETURNS
A WRITTEN COPY OF THE RETURN POLICY IS AVAILABLE
AT OUR CUSTOMER SERVICE DESK

MYLOWE'S REWARDS CREDIT CARDHOLDERS GET MORE.

mylowe's Rewards



LEARN MORE AT LOWES.COM/MYLOWESREWARDS

LOVE'S HOME CENTERS, LLC
2605 V LANE AVE
DUNDEN, CO 81504 (818) 557-2300

SALE

SALES#: 51141001 4288243 TRANS#: 255635146 05-20-24

22995 2-IN SCH40 BUSHING 438/49	17.35
3.65 DISCOUNT EACH	-0.18
5 Q	3.47
83482 1-IN CPM COPPER ADAPTER	67.62
11.86 DISCOUNT EACH	-0.59
6 Q	11.27
23910 2-IN SCH40 ELBOW 406020	26.10
4.58 DISCOUNT EACH	-0.23
6 Q	4.35
23822 2-IN X 10-FT SCH40 PIPE	16.85
17.74 DISCOUNT EACH	-0.89
98977 1 LB PREH LEAD FREE SOLDE	43.00
45.35 DISCOUNT EACH	-2.25
369199 1-IN LEAD FREE BALL VALVE	47.46
24.98 DISCOUNT EACH	-1.25
2 Q	23.73
780536 6-FL OZ BIV BLD HARDY PAL	14.71
15.48 DISCOUNT EACH	-0.77
83484 1-IN CXC 90-DEG COPPER EL	20.30
10.68 DISCOUNT EACH	-0.53
2 Q	10.15
317960 1-IN CXC COPPER UNION-83	51.26
26.58 DISCOUNT EACH	-1.35
2 Q	20.83
222143 1-IN CXC CPM NOSTOP UNION	10.96
5.77 DISCOUNT EACH	-0.29

PROFIT	375.69
LOAN TAX	10.26
INVOICE 78150 TOTAL	248.05
TAX	248.05

Total 217.01 + 348.05 + 27.35 = \$592.41

TOTAL SAVINGS THIS TRIP: \$16.59

ID#: XXXXXXXX77XXXX785 AMOUNT: 348.05 AUTHCD: 00000
CHIP REFID:185202150335 05/20/24 10:36:04
CARD/PIN: 00

STORE: 1144 TERMINAL: 55 05/20/24 10:36:21

OF ITEMS PURCHASED: 21

mylowe's Rewards



LEARN MORE AT LOWES.COM/MYLOWESREWARDS

LOVE'S HOME CENTERS, LLC
13500 PAXTON STREET
PACIMA, CA 91331 (818) 686-4300

SALE

SALES#: 51852843 2488999 TRANS#: 146034815 04-2

369199 1-IN LEAD FREE BALL VALVE	24.98
SUBTOTAL: 24.98	
TOTAL TAX: 2.37	
INVOICE 78210 TOTAL: 27.35	
VISA: 27.35	

VISA: XXXXXXXXXXXX9362 AMOUNT: 27.35 AUTHCD: 31E
CHIP REFID:185203210225 04/26/24 11:03:23
TUR : 8080000000
TSI : 6800

STORE: 1852 TERMINAL: 03 04/26/24 11:03:31
OF ITEMS PURCHASED:
EXCLUDES FEES, SERVICES AND SPECIAL ORDER ITEM



THANK YOU FOR SHOPPING LOWE'S.
FOR DETAILS ON OUR RETURN POLICY, VISIT
LOWES.COM/RETURNS
A WRITTEN COPY OF THE RETURN POLICY IS AVAILABLE
AT OUR CUSTOMER SERVICE DESK

MYLOWE'S REWARDS CREDIT CARDHOLDERS GET MORE.
FOR DETAILS VISIT LOWES.COM/MYLOWESREWARDS

SHARE YOUR FEEDBACK!
ENTER FOR A CHANCE TO BE
ONE OF FIVE \$500 WINNERS DRAWN MONTHLY!
ENTRE EN EL SORTEO MENSUAL
PARA SER UNO DE LOS CINCO GANADORES DE \$500!

ENTER BY COMPLETING A SHORT SURVEY
WITHIN ONE WEEK AT: www.lowes.com/survey
Y O U R I D #782103 181221 179276

NO PURCHASE NECESSARY TO ENTER OR WIN.
* VOID WHERE PROHIBITED. MUST BE 18 (18 OLDER TO ENT)

ORDER PLACED
May 20, 2024

TOTAL
\$84.30

SHIP TO
[REDACTED]

View order details | View invoice

Delivered May 22



BACOENG 1" DN25 110VAC Stainless Steel Motorized Ball Valve,NC Electrical Ball Valve

Return or replace items: Eligible through June 21, 2024

 Buy it again

View your item

Get product support

Track package

Return or replace items

Share gift receipt

Get help

Leave seller feedback

Order Details

Ordered on June 8, 2024

[View or Print invoice](#)

Shipping Address

Byungwoo Min
2001 MANISTEE DR
LA CANADA, CA 91011-1209
United States

Payment method

Rewards Points

Earns 5% back

i Earned 5% back with your Prime Visa.
See terms and conditions.

▼ Transactions

Delivered Jun 8, 2024



Zurn Wilkins 1-600XL 1" 600XL Pressure Reducing Valve
Sold by: Amazon.com Services, Inc.
Return eligible through Jul 8, 2024
\$232.04

Condition: New

 Buy it again

Order Summary

Item(s) Subtotal:	\$232.04
Shipping & Handling:	\$2.99
Free Shipping:	-\$2.99
Total before tax:	\$232.04
Estimated tax to be collected:	\$22.04
Rewards Points:	-\$153.54
Grand Total:	\$100.54

Handwritten: 254.08

[Track package](#)

[Return or replace items](#)

[Share gift receipt](#)

[Write a product review](#)

[Archive order](#)

2

LOWE'S HOME CENTERS, LLC
875 SHAW AVENUE
CLUMTS, LA 93612 (559) 322-3000

- SALE -

SALES#: 51541AV1 1165145 TRANS#: 62589337 05-24-24

22777 2-in 45-Degree ABS DWV El	10.24
6 @ 1.28	
73911 2 in 22.5-Degree ABS DWV	4.04
6 @ 1.34	
23952 2 in x 10-ft ABS DWV Pipe	67.96
5 @ 13.58	

SUBTOTAL: 86.18

TAX: 6.87

INVOICE 94565 TOTAL: 93.05

VISA: 93.05

VISA: XXXXXXXXXX013 AMOUNT: 93.05 AUTHCD: 069850

CHIP REFID: 154162052091 05/24/24 15:22:17

APL: CHASE VISA TUR: 0000000000

AID: A0000000031010 (SI) E800

STORE: 1541 TERMINAL: 62 05/24/24 15:22:17

OF ITEMS PURCHASED: 19

EXCLUDES FEES, SERVICES AND SPECIAL ORDER ITEMS



THANK YOU FOR SHOPPING LOWE'S.
FOR DETAILS ON OUR RETURN POLICY, VISIT
LOWES.COM/RETURNS

A WRITTEN COPY OF THE RETURN POLICY IS AVAILABLE
AT OUR CUSTOMER SERVICE DESK

STORE MANAGER: JAKE RAMIREZ

LOWE'S PRICE PROMISE

FOR MORE DETAILS, VISIT LOWES.COM/PRICEPROMISE

* SHARE YOUR FEEDBACK! *
* ENTER FOR A CHANCE TO BE *
* ONE OF FIVE \$500 WINNERS DRAWN MONTHLY! *
* ENTRE EN EL SORTIDO MENSUAL *
* PARA SER UNO DE LOS CINCO GANADORES DE \$500! *
* ENTER BY COMPLETING A SHORT SURVEY *
* WITHIN ONE WEEK AT: www.lowes.com/survey *
* YOUR ID #945653 154161 457750 *
* NO PURCHASE NECESSARY TO ENTER OR WIN. *
* VOID WHERE PROHIBITED. MUST BE 18 OR OLDER TO ENTER. *
* OFFICIAL RULES & WINNERS AT: www.lowes.com/survey *

STORE: 1541 TERMINAL: 62 05/24/24 15:22:17

2

LOWE'S HOME CENTERS, LLC
875 SHAW AVENUE
CLUMTS, LA 93612 (559) 322-3000

- SALE -

SALES#: 51541AV1 1165145 TRANS#: 62383749 05-10-24

5418063 Bold and Intense Fuego Ch	2.85
157902 9/16-in Metal Staples Cab	5.98
663282 Wire Connectors Yellow (2	15.64
22382 16-fl oz Black Abs Cement	5.29
170988 1/4-in Hex Quick Connect	5.92
46240 Max Gel Commercial Line 1	17.97
22798 2-in ABS DWV Coupling	18.56

32 @ 0.58

954434 5-Gallon (5) Plastic Bero

3.51

2260158 5-Gallon Blue Plastic Buc

1.23

23952 2 in x 10-ft ABS DWV Pipe

407.40

30 @ 13.58

328094 Chicken Manure 1-cu ft Or

5.12

2 @ 2.56

INVOICE 71650 SUBTOTAL: 486.97

- SOS SALE -

SALES#: 51541AV1 1165145 TRANS#: 62383749 05-10-24

998503 06808300 176.88

1-in x 500-ft Blue PEX-B Pipe

[PICK UP LATER - LOWES # 1541 on 05/23/2024]

PO #: 251030742

INVOICE 71651 SUBTOTAL: 176.88

INVOICE 71650 SUBTOTAL: 486.97

INVOICE 71651 SUBTOTAL: 176.88

SUBTOTAL: 665.85

TAX: 52.91

BALANCE DUE: 718.76

VISA: 718.76

$$\$602.84 + 407.4 + 176.88 + 602.84 \times 0.08$$

VISA: XXXXXXXXXXXX382 AMOUNT: 718.76 AUTHCD: 810192

CHIP REFID: 154162052306 05/10/24 16:29:09

APL: VISA CREDIT TUR: 0000000000

AID: A0000000031010 (SI) E800

STORE: 1541 TERMINAL: 62 05/10/24 16:29:09

OF ITEMS PURCHASED: 72

EXCLUDES FEES, SERVICES AND SPECIAL ORDER ITEMS

$$\$602.84 \times 1.08 = \$651.08$$

THANK YOU FOR SHOPPING LOWE'S

FOR DETAILS ON OUR RETURN POLICY, VISIT

LOWES.COM/RETURNS

A WRITTEN COPY OF THE RETURN POLICY IS AVAILABLE

AT OUR CUSTOMER SERVICE DESK

STORE MANAGER: JAKE RAMIREZ

LOWE'S PRICE PROMISE

V.S. VISIT LOWES.COM/PRICEPROMISE

SHARE YOUR FEEDBACK! *

Part
Grand Total

$$107.23 + 70.57 + 146.94 + 177.17 + 617.65 + 59.93 + 91.07 + 592.41$$

$$+ 651.08 + 84.30 + 254.08 = \$2,882.97$$



How doers
get more done

JOSEPH A REYES@HOMEDEPOT.COM
645 W SHAW CLOVIS, CA 93612

0664 00002 37602 06/13/24 09:37 AM
SALE CASHIER MARIA

045242610884 M12PROPERKIT -A> 499.00
MILWAUKEE M12 PRO PEX EXPANSION KIT

SUBTOTAL 499.00
SALES TAX 39.80
TOTAL \$538.80

XXXXXXXXXXXX9382 VISA USD\$ 538.80
AUTH CODE 113173/2027737 TA
Chip Read
ATD A0000000031010 VISA CREDIT

PRO XTRA MEMBER STATEMENT

PRO XTRA ###-### 0240 SUMMARY

2024 PRO XTRA SPEND 06/12: \$337.24

As of 06/13/2024 your Paint Rewards level is Member; Spend 986.02 more in qualifying paint purchases to earn Bronze (10.0% off) on select paint items.

Get the CREDIT LINE your business needs PLUS earn Perks 4X FASTER when you join Pro Xtra, register, & use your Pro Xtra Credit Card. Apply and SAVE UP TO \$100. Learn more at homedepot.com/credit

0664 06/13/24 09:37 AM



0664 02 37602 06/13/2024 8434

RETURN POLICY DEFINITIONS
POLICY ID DAYS POLICY EXPIRES ON
A 1 90 09/11/2024

DID WE NAIL IT?

Take a short survey for a chance to WIN
A \$5,000 HOME DEPOT GIFT CARD

(opine en español)

www.homedepot.com/survey

User ID: HTJ 76157 75495
PASSWORD: 24313 75493

Entries must be completed within 14 days of purchase. Entrants must be 18 or older to enter. See complete rules on website. No purchase necessary.

HARBOR FREIGHT

QUALITY TOOLS LOWEST PRICES

TUJUNGA CA #00818
6350 FOOT HILL BLVD.
TUJUNGA CA 91042
Telephone: (818) 273-2308

SALE

Customer Name: byungwoo min
Customer Number: 999093349117

56434 1500 W DUAL TEMP HEAT GLN \$19.99
57781 PRO WIRE STRIPPER AND CUTTER \$9.99
57781 PRO WIRE STRIPPER AND CUTTER \$9.99

Subtotal \$39.97
Sales Tax 9.500% \$3.80
Total \$43.77

VISA \$43.77

Card No XXXXX(XXX)XXX9382

Expiration Date XX/XX

Auth. No. 718135

VISA CREDIT

Chip Read

Signature Verified

Mode: Issuer

ATD: A0000000031010

TVR: 8000008000

IRD: 0601203602000

FS: 6800

ARC: 00

Please Retain for Your Records

Store: 00818 Ren: 01 Tran: 479238
Date: 6/18/2024 3:58:21 PM Assoc: XXXXX
Ticket: 01479238

Item(s) Sold: 3
Item(s) Returned: 0

Arabi served you today.
Thank you for shopping at
TUJUNGA CA #00818

Proof of Purchase Required for Returns/
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\$538.80 + \$19.99 = \$558.79

GET EXCLUSIVE DEALS

Sign up today at HarborFreight.com/email
or text TOOLS to 34648



ORDER PLACED
June 2, 2024

TOTAL
\$985.49

SHIP TO
Byungwoo Min

Delivered June 4

Your package was left near the front door or porch.



Sewer Camera with Locator, 165ft Sewer Inspection Camera with 512Hz Transmitter and Receiver, Plumbing Camera with 7" LCD Monitor IP68 Waterproof Pip
Return or replace items: Eligible through July 4, 2024

 Buy it again

View your item



Archive order

ORDER PLACED
May 28, 2024

TOTAL
\$109.49

SHIP TO
Byungwoo Min

Get product support

Track package

Add a protection plan

Return or replace items

Share gift receipt

Get help

Leave seller feedback

Write a product review

Order Details

Ordered on June 2, 2024

[View or Print invoice](#)

Shipping Address

Byungwoo Min
2001 MANISTEE DR
LA CANADA, CA 91011-1209
United States

Payment method

Earns 5% back

Order Summary

Item(s) Subtotal:	\$209.95
Shipping & Handling:	\$0.00
Total before tax:	\$209.95
Estimated tax to be collected:	\$19.95
Grand Total:	\$229.90

[See tax and seller information](#)

 Earned 5% back with your Prime Visa.
[See terms and conditions.](#)

▼ Transactions

Delivered Jun 7, 2024



XtremepowerUS 3600W Electric Demolition Jack Hammer Point Chisel Bits
Construction Concrete Breaker Punch Drill with Carrying Case

Sold by: hubdeal
Return eligible through Jul 6, 2024
\$209.95

Condition: New

[Get product support](#)

[Track package](#)

[Get product support](#)

[Problem with order](#)

[Return items](#)

[Share gift receipt](#)

[Leave seller feedback](#)

[Write a product review](#)

$$\text{Total Tool} = \$558.39 + \$985.49 + \$229.90 = \$1,773.78$$

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 2
September 24, 2024

To: Honorable President and Members of the Board of Directors
From: Carla Dillon, P.E. – Director of Engineering & Operations
Subject: Replacement of Supervisory Control and Data Acquisition (SCADA) System, Project E-939 – Project Update and Contingency Increase Request

ACTION ITEM: Replacement of Supervisory Control and Data Acquisition (SCADA) System, Project E-939 – Project Update and Contingency Increase Request:

Consideration and motion to authorize the General Manager to increase the contingency for the E-939 project by \$27,005 to cover expenses for process documentation and to extend the project schedule through February 28, 2025.

BACKGROUND:

CVWD has an existing SCADA system with Programming Logic Controllers (PLCs) and Remote Terminal Units (RTUs) that are installed at each of the District's facilities. These components fulfill critical operational functions including:

- Transmitting data that provides real-time status on the water distribution system;
- Allowing for remote control of the water system (e.g., booster pumps and wells);
- Detecting when operational thresholds or designated operational settings are met; and
- Notifying key operations staff through system alarms when water system parameters are exceeded or when a shutdown occurs due to a power failure.

On July 27, 2021, the Board recommended that staff move forward with a pilot program at Well 8 and Well 14. The pilot program was completed with collaboration from Apex Manufacturing Services (APEX) on the design, and CVWD staff performing various parts of the installation. The pilot conversion was successfully completed in December 2021, which included on-site installation of the equipment and integration into the existing SCADA server. The main goal of the pilot project at the two sites was to work through the details on all equipment, programing, and integration into Wonderware (SCADA monitoring software) to gain a better understanding of the process with respect to time and costs.

In March 2022, the Board of Directors authorized the General Manager to complete the SCADA transition according to the following costs and schedule.

Task	FY 21/22	FY 22/23	FY 23/24	Total
Equipment, Materials & Supplies	\$228,000	\$57,000	\$-	\$285,000
APEX - Programing & Integration	\$83,615	\$234,122	\$16,723	\$334,460
CVWD	\$11,535	\$32,298	\$2,307	\$46,140
Subtotal	\$323,150	\$323,420	\$19,030	\$665,000
15% Contingency	\$48,472	\$48,513	\$2,854	\$99,840
Total	\$371,622	\$371,933	\$21,884	\$765,440

Staff has worked with Apex over the last three years and has accomplished the bulk of the work associated with the SCADA transition.

DISCUSSION:

The original approval of the project only allowed work to continue until September 30, 2024. Not all punch list items will be completed by this deadline. APEX will make a final District visit in October 2024, and all the punch list items (processor upgrades, power monitoring station at Eagle Canyon, etc.) will be completed during this trip. Finally, while passdown documents have been provided at every stage of the work, all notes need to be captured in a comprehensive specification document for each site. This documentation work will continue throughout FY 24/25.

Throughout the duration of the project, several cost-saving measures were taken to reduce the overall cost to the District. While the cost of equipment, materials, and supplies were lower than originally planned, additional visits were required from APEX to complete the installations at each site. The budget, including the contingency for APEX according to the original memo from March 2022, was \$384,629. These funds will be sufficient to cover construction, materials, equipment, planned site visits, and all additional site visits for the hardware installation and associated programming. Finalizing all the documentation for each site remains to be completed, and staff requested a quote from APEX to complete the documentation work. The quote was received on September 1, 2024, and the additional work is estimated to cost \$24,550.

RECOMMENDATION:

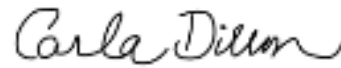
Staff recommends authorizing the General Manager to increase the contingency for the project by \$27,005 (Apex quote + 10% contingency) to cover expenses for process documentation and to extend the project schedule through February 28, 2025.

Prepared by:



Brook Yared, P.E.
Engineering Manager

Submitted by:



Carla Dillon, PE
Director of Engineering & Operations

Attachment:

1. Apex Manufacturing Solutions Proposal dated September 1, 2024

g:\management\board meeting staff reports\2024\09-24-24 board memo - scada replacement update and schedule.docx



Apex Manufacturing Solutions
An A&E Company
 300 E Mallard Dr. Suite 300
 Boise, ID 83706
 (208) 344-5535

Date:	9/1/2024		
Customer Name:	Crescenta Valley Water District		
Customer Contact:	Brook Yared	Phone:	(818) 248-3925
Project:	CVWD0045 – Documentation Development		
Point of Contact:	Donald Helvie	Phone:	208.921.4107

Thank you for the opportunity to submit this proposal to the Crescenta Valley Water District (CVWD). This proposal is a Time and Materials (T&M) proposal for Apex to complete documentation of the installed Allen Bradley control architecture.

Scope of Work

- 31 Upgraded Sites

Deliverables

- Updated Electrical Schematics
- Functional Specification Document

Clarifications & Exclusions

1. All work will be completed remotely
2. No hardware is included as part of this proposal
3. CVWD will provide robust remote access via the existing Teamviewer platform
4. CVWD will provide appropriately qualified personnel when required
5. CVWD will provide all required user credentials and permissions.

Qualifications

Apex Manufacturing Solutions (Apex) makes no warranties other than those made expressly herein. Apex hereby disclaims all implied warranties, including the implied warranty of fitness for a particular purpose, the implied warranty of merchantability, and any implied warranty of fitness of plans and specifications.

Project Pricing

Services						Cost
Documentation Development						\$ 24,550.00
- Quoted on a time & materials (T&M) basis						
- Offsite Hours	125	Hrs. @	\$ 190.00	Hr. =	\$ 23,750.00	
- PM Time	4	Hrs. @	\$ 200.00	Hr. =	\$ 800.00	
Subtotal Services Cost (US\$)						\$ 24,550.00
TOTAL PROJECT COST (US\$)						\$ 24,550.00

Disclaimer/Terms & Conditions

Apex Manufacturing Solutions and SkyIO are both fully owned subsidiaries of A&E Engineering, Inc. Resources are collaboratively utilized across all three entities, enhancing value for our customers.

- Unless client has specified terms and conditions, Apex will provide terms and conditions upon contract signing.
- Proposal Expiration Date: 30 days from date above for labor. Materials and software pricing may change based on vendor pricing.
- Payment Terms: Net 30 days from date of invoice.
- Late Charges: Invoices amounts unpaid by due date are subject to a late charge calculated at 1.5% of unpaid balance per month, compounded monthly.
- Expenses will be billed at actual cost plus 10% administrative fee.

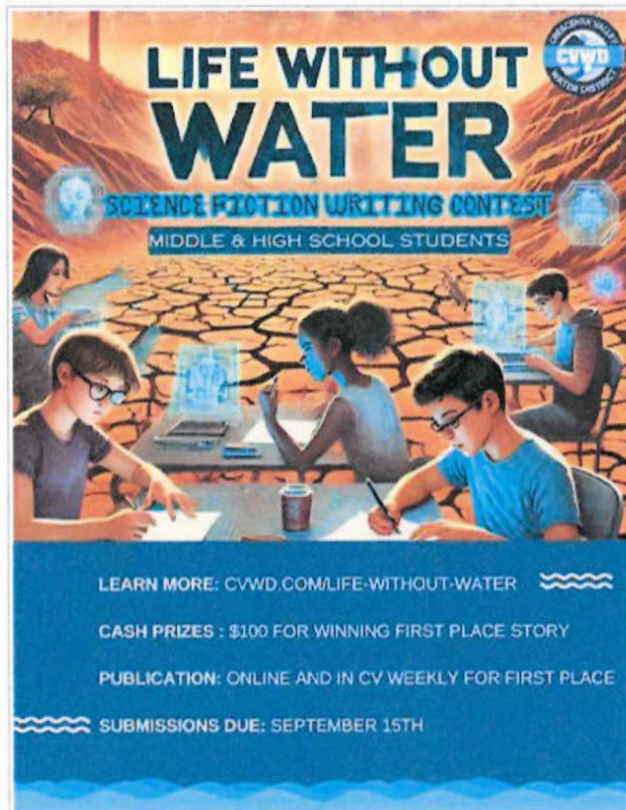
CVWD is Calling all Science Fiction Young Writers

By CV Weekly on September 12, 2024 · 0 Comments

By Mary O'KEEFE

Crescenta Valley Water District (CVWD) is calling on all middle and high school students to stretch their imaginations and encompass a science fiction future that has no water.

"Life Without Water" is the basis of the essay contest CVWD has created for students. The first place winner will receive \$100 and the essay will be published in CVW.



"Our contest was inspired by the serious situation with long-term water supply availability. The Colorado River is a prime example. There are ongoing first-in-U.S.-history negotiations between the basin states and the federal government regarding mandatory cutbacks in the amount of water available," said Patrick Atwater, CVWD Regulatory and Public Affairs manager. "It's a big deal."

He hopes students enjoy writing and using their imaginations while learning about the water crisis.

"The bigger hope is that adults learn that the safe and secure water supply we take for granted isn't guaranteed into the future. We need to proactively plan and act in order to ensure safe and clean water is available for the next generation," he added.

Those who would like to participate in the "Life Without Water" essay contest can go to cvwd.com/life-without-water to get more information. Submissions are due by Sept. 15.

Life without water is, in reality, a terrifying thought. It is taken for granted and it is nationally expected that when the faucet is turned on water will flow. The problem is years of droughts and extreme weather have affected water supplies.

"Groundwater is a vital resource in California and accounts for almost 60% of our state's water supply in drought years. Multiple dry and drought years over recent decades have put a strain on California's groundwater resources," according to California Water Watch.

On Sept. 28, CVWD will be hosting an Imagine a Day Without Water event.

"The focus [of this event] is coordinating across emergency responders and proactively preparing with the community," Atwater said. "The idea is to plan for the worst so that it never happens. That is our job as utility professionals: to manage and plan for [such emergencies]."

The public is invited to the event at the Judy Tejada Reservoir from 9 a.m. to 11 a.m. on Saturday, Sept. 28. The Reservoir is in the 4700 block of Rosemont Avenue just north of Rosemont Middle School.

"Attendees can practice filling up a jug of water from our reservoir [and] learn from participating emergency responder partners," he said.

There will also be face painting and balloon animals for kids.



CVWD is Calling all Science Fiction Young Writers added by CV Weekly on September 12, 2024

View all posts by CV Weekly →

Garden Design Class

Join us **IN PERSON** on
Saturday, September 28,
2024, for a free Garden
Design Class. In this
class, you will learn how
to identify critical steps for
successfully designing a
watershed-wise
landscape.



Join with us at
10AM - 11:45AM
Sept. 28.2024

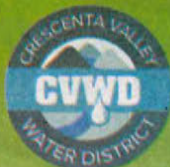
**La Cañada
Presbyterian
Church**

626 Foothill Blvd
La Canada Flintridge,
CA 91011

TOPICS INCLUDE:

- Sizing and siting the rainwater capture area
- Developing a palette of climate-appropriate plants
- Applying key design principles
- Laying out a successful planting plan

The class is free, but
**advance registration is
required as we have limited
seating. Please make sure
to sign up below.**



WATER AND
POWER

CRESCENTA VALLEY WATER DISTRICT

ANOTHER IN-HOUSE PIPELINE PROJECT

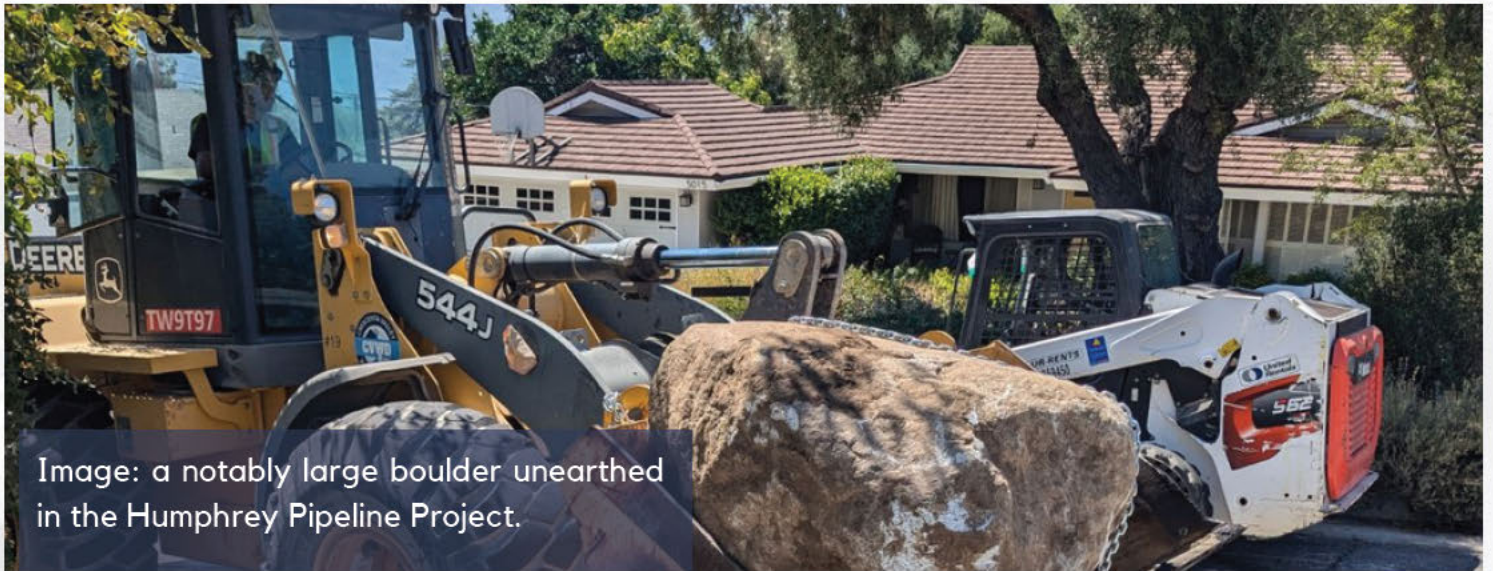
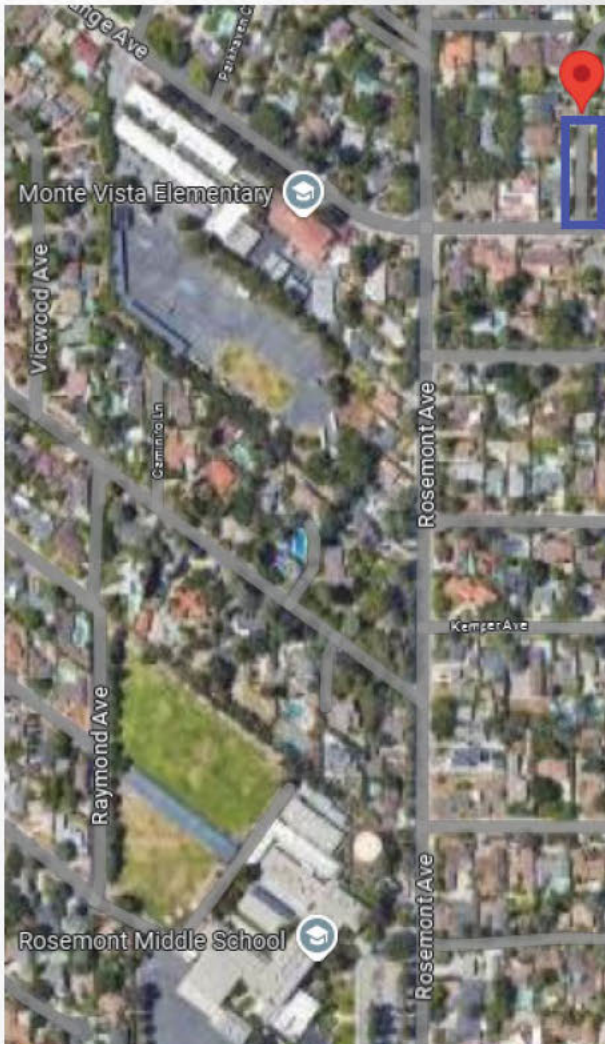


Image: a notably large boulder unearthed in the Humphrey Pipeline Project.

YOUR RATEPAYER DOLLARS AT WORK



Crescenta Valley Water District (CVWD) is replacing approximately 320 linear feet of aging water pipeline as part of CVWD's FY 24/25 Capital Improvement Program. The project will replace an old 2-inch diameter water main with a new 6-inch diameter water main and install new water services. The water main was originally installed in 1965 and has outlived its usefulness. Construction Schedule:

- September 9, 2024- Construction Start
- September 24, 2024 - Estimated End
- *Schedules are subject to change due to weather and unforeseen circumstances*

The map to the left provides the general project location, which is near **Monte Vista Elementary** and **Rosemont Middle School**. Questions? Contact:

 (818) 248-3925

 customerservice@cvwd.com



CRESCENTA VALLEY WATER DISTRICT

General Manager Report

GM Report

September 24, 2024

To: Honorable President and Members of the Board of Directors

From: James Lee, General Manager

Subject: General Manager Report

General Manager's Report Topics:

- 4th In-House Pipeline (IHP) job completed – 5000 Block of Humphrey Way
- Pancake Breakfast – Thursday, September 19th

STAFFING

6 employees have a work anniversary in September: Patrick Atwater – 1 year; Jude Herrera – 3 years; Pete Hilke – 12 years; David Inman – 8 years; Mario Mejia – 1 year; Brook Yared – 17 years

Employee Spotlight: Edgar Perez

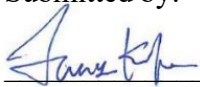
As of September 19th, the District has done 270 days without a lost time incident.

GENERAL MANAGER ACTIVITIES

Meetings:

Managers Meeting(s)	- September 12 th ; September 19 th
ACWA Membership Committee	- September 10 th
Foothill Managers Meeting	- September 11 th
Crescenta Valley Town Council	- September 11 th
Metropolitan Water District	- September 11 th
Camp4Water (MWD)	- September 12 th
Moulton Niguel Water District	- September 13 th
Foothill Municipal Water District	- September 17 th
CA Data Collaborative Executive Committee	- September 18 th
All-Hands Staff Meeting	- September 19 th
Ad Hoc Legal Committee	- September 19 th
UnTapped Legislative Water Workshop	- September 21 st
Glendale Water & Power / City of Glendale	- September 23 rd

Submitted by:



James Lee

General Manager

Engineering Report

September 24, 2024
Staff Report

To: Honorable President and Members of the Board of Directors
From: Brook Yared, P.E., Engineering Manager
Subject: **Engineering Report – August 2024**

- **Water Production Report**
 - August 2024 – Water production – 54%/46% split – 124 MG for the month
 - August 2024 – Average use – 9.6% more than 2023 and 0.2% less than 5-year average
- **Rainfall Update**
 - 0.00” for August 2024
 - Rainfall Total for WY 2023/24 – 26.28”
- **Engineering Update - Water**
 - **FY 24/25 Capital Improvement Project**
 - FY 24/25 Pipeline Replacement
 - Contemplating project delivery alternatives
 - Rehabilitation of Well 16
 - Pending Annual Pump and Well contract approval
 - AMI
 - **FY 23/24 Capital Improvement Project**
 - LADWP-CVWD Emergency Interconnection
 - Manifold approved by LADWP
 - Manifold and break point chlorination installation – Week of June 10, 2024
 - Ramsdell Mixing Station/Pressure Reducing Station
 - Above ground PRVs Constructed
 - Materials on order for In-house repairs
 - Conversion to Chloramination
 - On hold
 - Mills Booster A VFD Installation
 - Complete
 - **FY 22/23 Capital Improvement Project (E-1046)**
 - 2600 & 2700 Blocks of Orange Ave
 - Reviewing claim documentation
 - **Transfer of Services to Glendale Water and Power (E-1051)**
 - Frederick Abandonment Complete
 - Staff working with GWP for the remaining services on Thelma
 - **Groundwater Update**
 - Wells 11 and 2 currently offline due to PFAS issues
 - Well 10 offline due to motor failure
 - **Replacement of Supervisory Control and Data Acquisition (SCADA) System**
 - Investigated comm alarm and faulty radio at Markridge; replaced
 - Remaining work to be accomplished in three site visits:
 - Punchlist items
 - Document all control strategies

- Upgrade 29 processors to version 36
- Tag and alarm check for 3 sites
- Seismic valve graphic display and testing for 2 sites
- Next visit in October to complete remaining all onsite punch list items
- Project Extension Memo – September 24, 2024

- **Engineering Update - Wastewater**

- Wastewater Master Plan
 - Conferring with LCF for additional development information for connection points.

- **Grant Status (Engineering)**

- Water Recycling Grant Agreement – Kick-off meeting held on 9/3/2024. Follow-up meeting planned for 10/3/2024

- **Developer Projects**

- On hiatus
 - 3037/3043 Foothill – Pending payment of materials, selection of a contractor, and faithful performance bond
 - 4360 Ocean View – 7 units – Pending Reconciliation and Transfer
 - 4521 Briggs/2413 Foothill – New 81 units
 - 2341 Mira Vista – New 4 Units
 - 2434 Foothill – New 31 units – Developer has cancelled the project and is selling the parcels

- **FMWD**

- No Report

CRESCENTA VALLEY WATER DISTRICT

WATER PRODUCTION REPORT

August 1 - August 31, 2024

Well Production:	61,493,800	Gals		
GWP Production:	5,064,000	Gals		
Gravity Production:	993,476	Gals	% GW	54%
FMWD:	56,441,103	Gals		
City of Glendale:	31,064	Gals	% Import	46%
TOTAL:	124,023,443	Gals		
	380.61	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, 2024	3,931,150	
August 1 - August 31, 2023	3,587,434	9.6%
5-yr Average - August 2019 - 2023	3,940,898	-0.2%

RAINFALL: August 1 - 31, 2024

0.00"

Season-To-Date:

26.28"

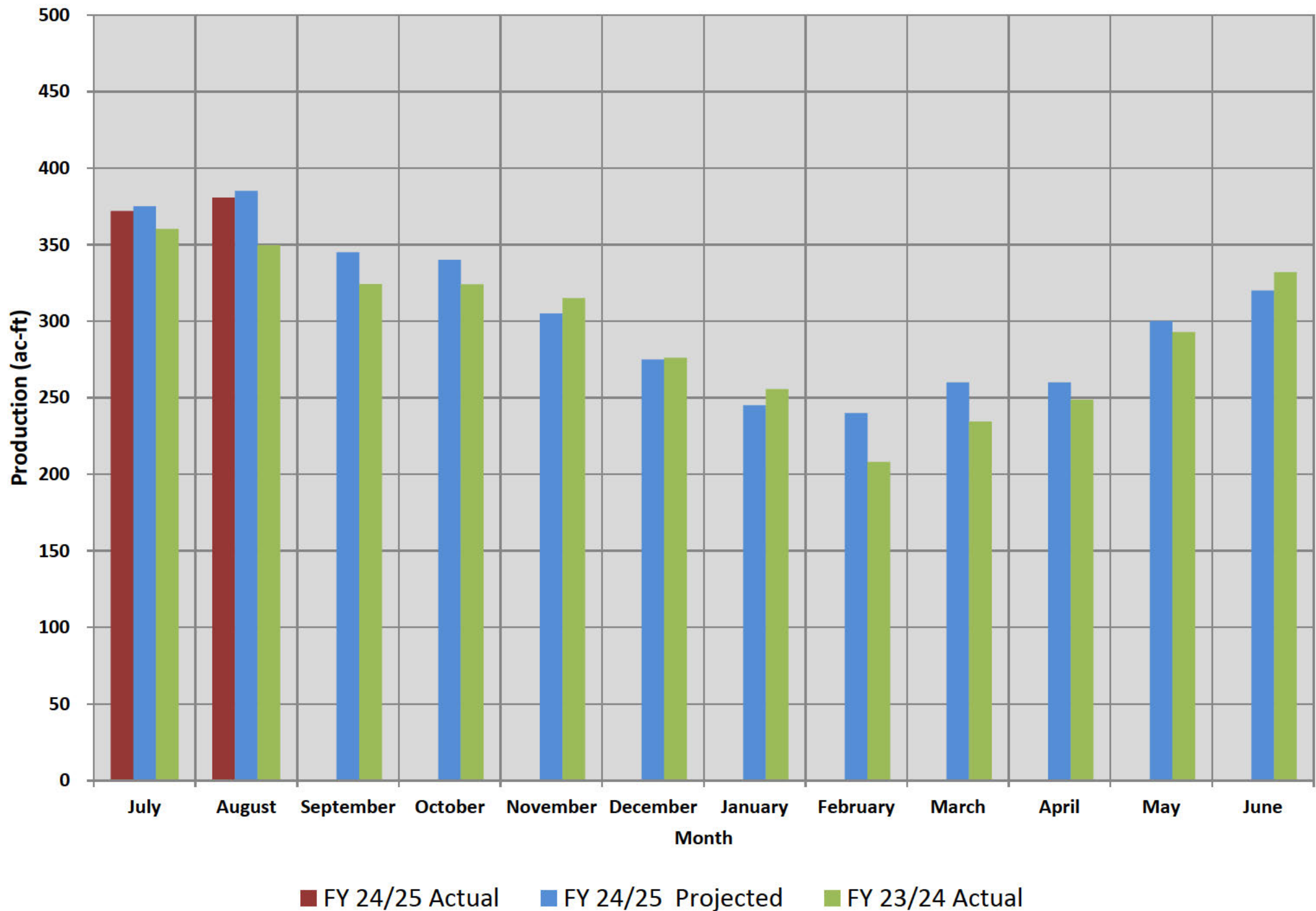
2024/25 Fiscal Year Water Production			WY 23/24 - Groundwater Production Water Rights		GWP (Well 16) Water Production - 2024		Purchased Water Production Tier 2 Allocation - 2024	
Month	Actual Total Water Production (ac-ft)	Budgeted Total Water Production (ac-ft)	Month	Month	Month	Well Production (ac-ft)	Month	Imported Water Production (ac-ft)
July	372	375	October	160	January	13	January	79
August	381	385	November	168	February	13	February	53
September		345	December	169	March	14	March	51
October		340	January	142	April	15	April	74
November		305	February	142	May	16	May	96
December		275	March	160	June	15	June	141
January		245	April	161	July	16	July	165
February		240	May	181	August	16	August	173
March		260	June	176	September		September	
April		260	July	191	October		October	
May		300	August	192	November		November	
June		320	September		December		December	
Total to Date	753	760	Total to Date	1,842	Total to Date	117	Total to Date	832
Projected	3,643	3,650	Water Rights	3,294			Tier 2	2,154
% of Projected	20.6%	20.8%	% of Rights	56%			% of Allocation	39%
Remaining	2,897	2,890	Remaining	1,452			Remaining	1,322

NOTE:

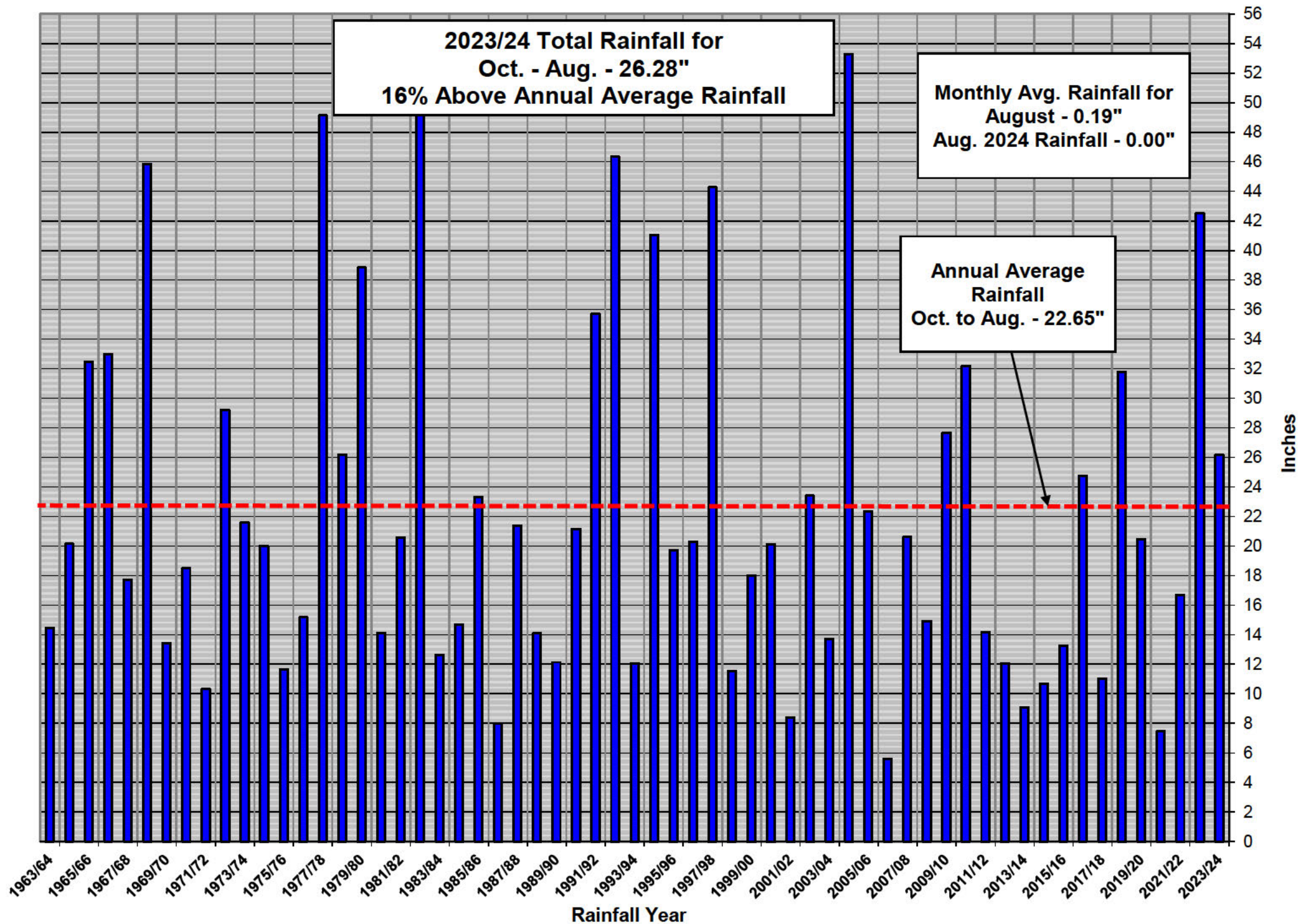
1) Blue Numbers = Estimated Water Production

2) Wells 2 & 11 offline due to PFAS blending issues. Well 10 offline due to motor failure

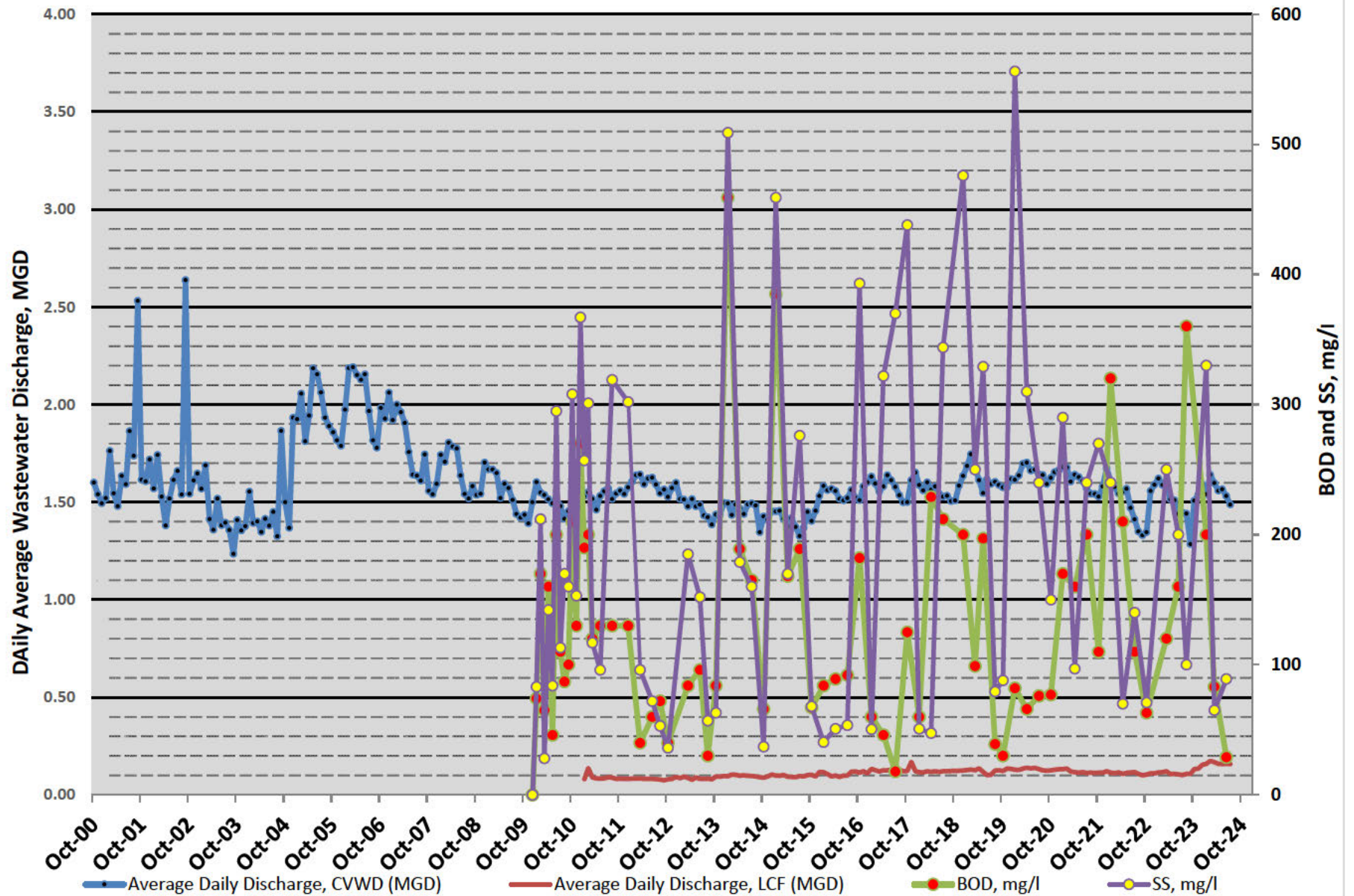
Monthly Water Production: FY 24/25 Actual, FY 24/25 Projected & FY 23/24 Actual



Monthly Rainfall - 1963/64 - 2023/24 (Oct. 1 - Aug. 31)



CVWD Daily Average Wastewater Discharge and Strength
October 1, 2000 - July 30, 2024





CVWD PFAS DASHBOARD

OPERATIONS



- Wells 2 and 11 Cycled Off May 22 -- \$409k estimated annual imported water cost (additional \$500k budgeted as part of FY 24-25)
- PFOA highest constituent relative to operational target. 4703 Briggs 2.9ug/L is 90.6% of 3.2ug/L target (80% of MCL)
- March 18, 2024 - Minimum 0.7 cfs from FMWD
- April 22, 2024 - Minimum FMWD flow raised to 1.0 cfs



TREATMENT

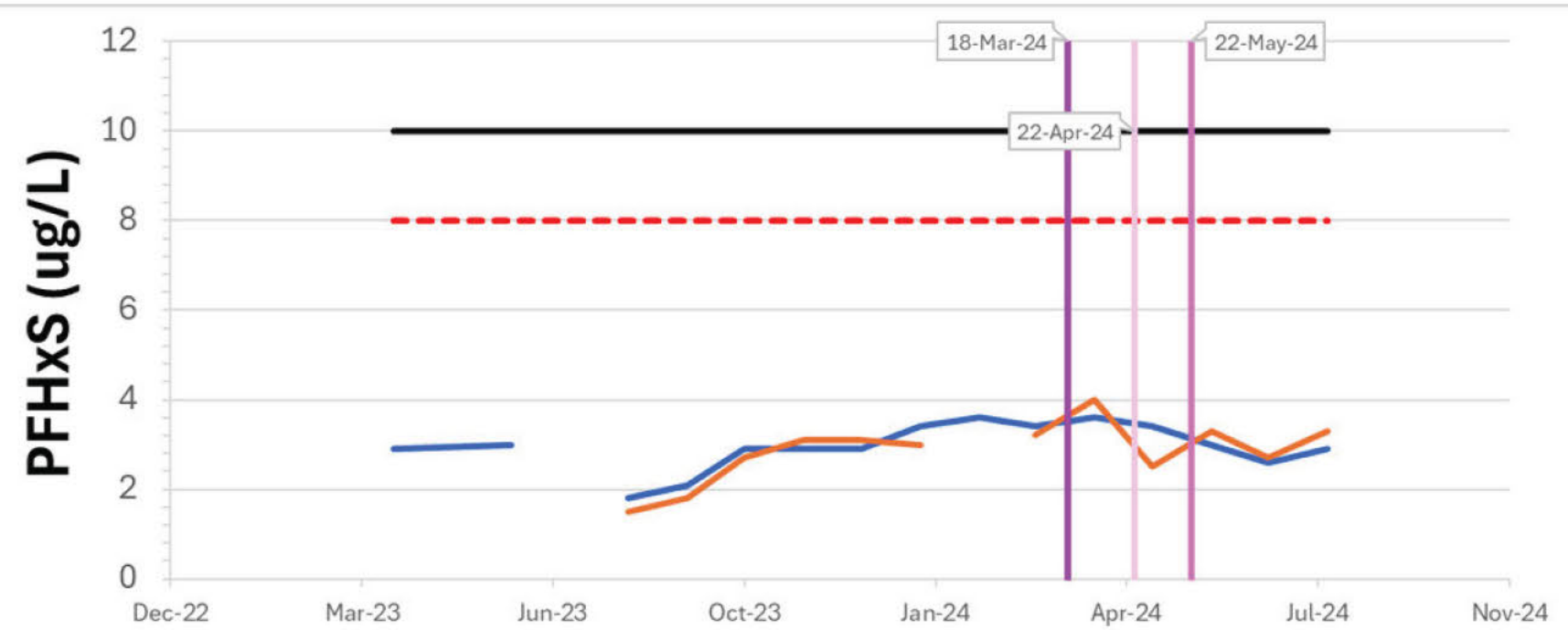
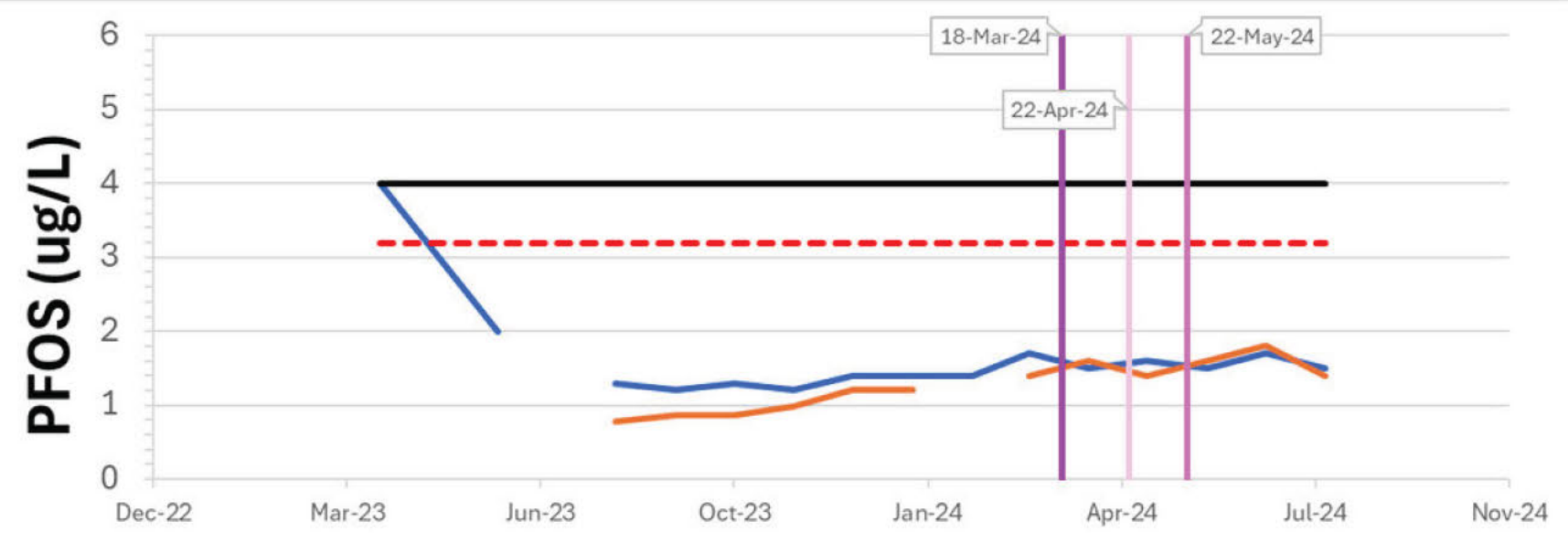
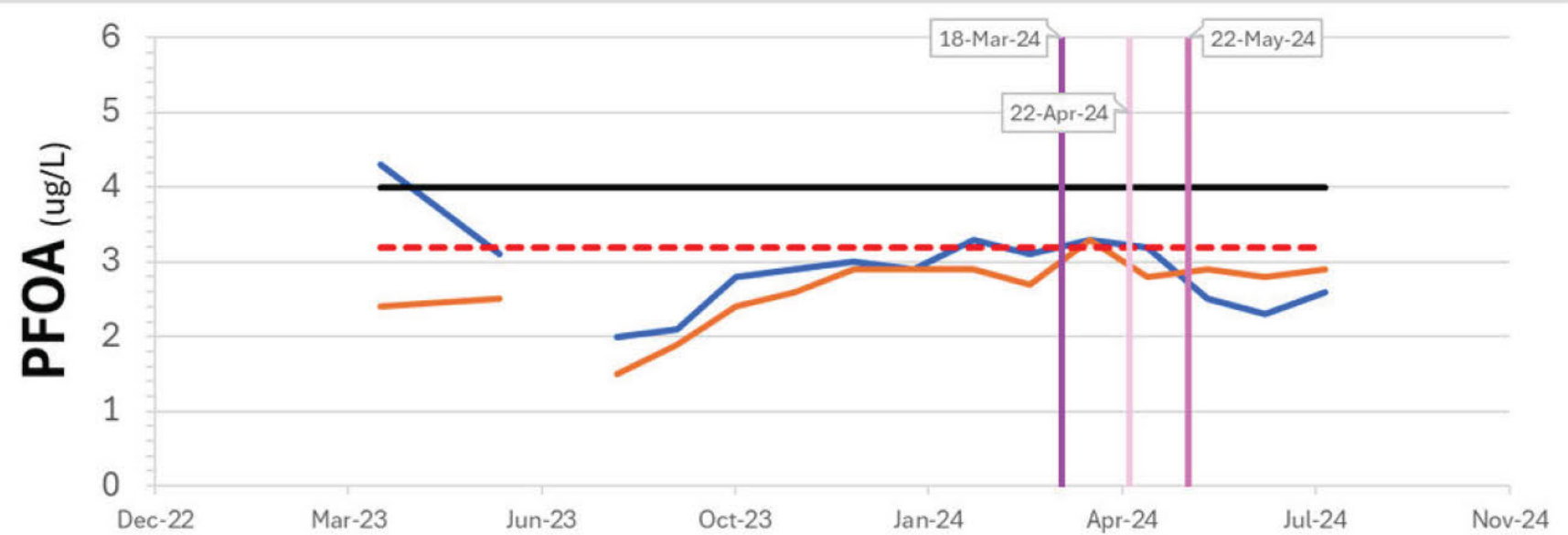
- Well 2 Pilot: planning and design kicked off, funds contracted, media removal from existing vessels scheduled



GRANTS

- State Water Resources Control Board
- US Environmental Protection Agency

Encinal Reservoir 4703 Briggs Federal MCL (2029) Operational Targets
0.7 cfs min 1.0 cfs min Well 2/11 cycled



Increased Imported Purchase Water Cost							
Scenarios	May PFOA ug/L	June PFOA ug/L	Monthly Volume (AF)	Monthly 50% Production	Monthly Full Shutoff	Annual 50% Production	Annual Full Shutoff
Well 11	9.2	9.4	161	\$9,727	\$19,454	\$116,725	\$233,450
Well 12	4.9	5.6	246	\$14,863	\$29,725	\$178,350	\$356,700
Well 8	4.7	4.5	271	\$16,373	\$32,746	\$196,475	\$392,950
Well 9	6.2	5.7	84	\$5,075	\$10,150	\$60,900	\$121,800
Well 1	9.9	7.3	104	\$6,283	\$12,567	\$75,400	\$150,800
		Total	762	\$46,038	\$92,075	\$552,450	\$1,104,900
Lost Savings							
Well 2	7.3		121	\$7,309	\$14,618	\$87,707	\$175,415
		Total	883		\$106,693		\$1,280,315

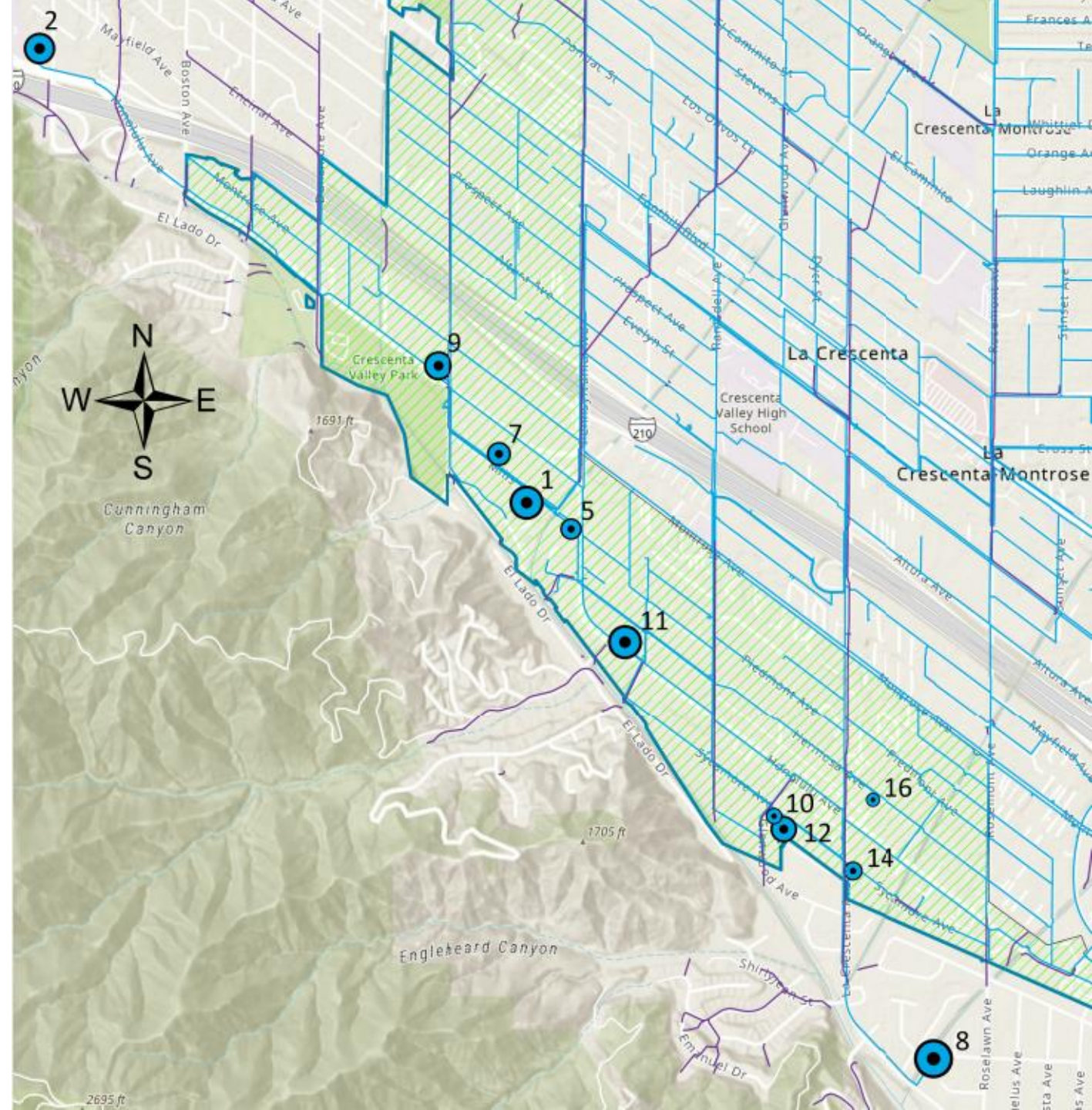
PFAS UPDATE



September 24, 2024

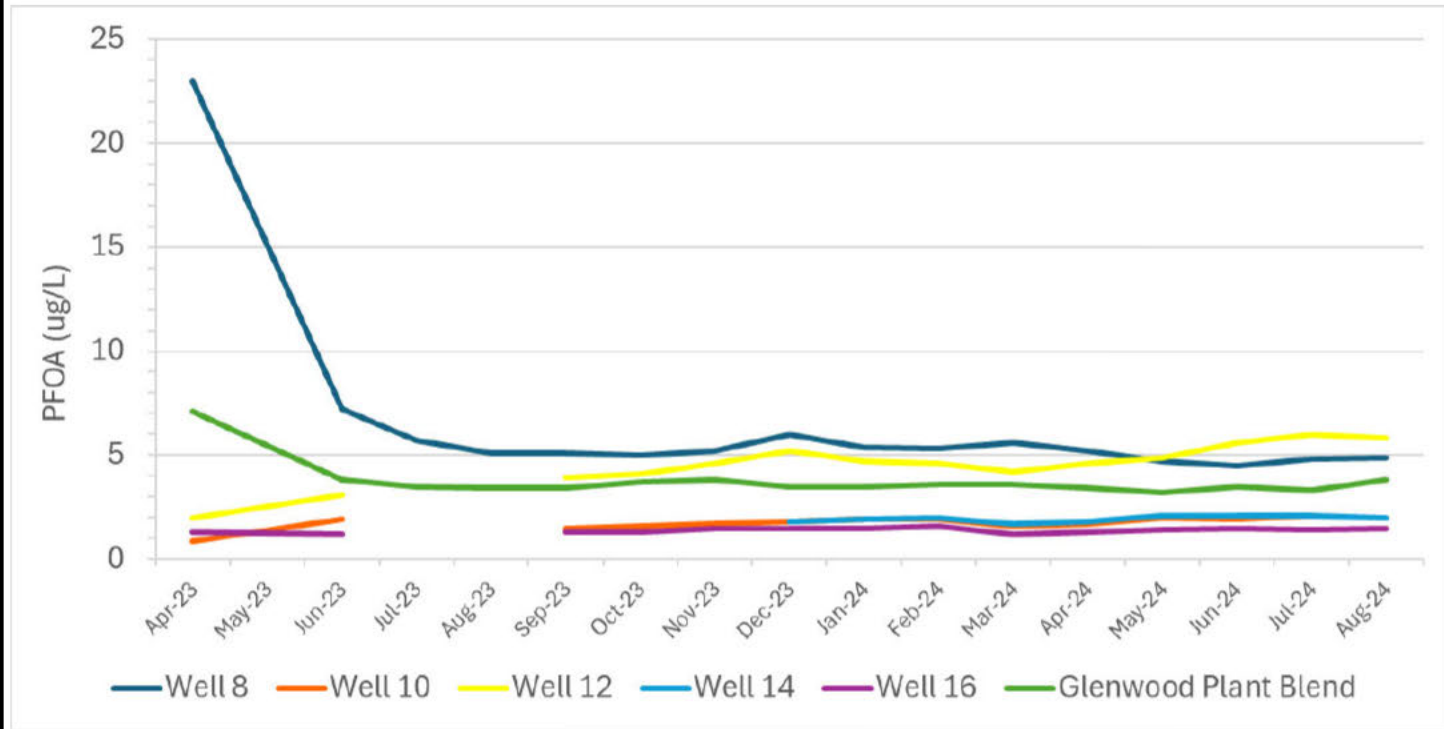
SOURCE PFOA

The size of each circle is proportional to the average level of PFOA



PFOA DATA (GLENWOOD SOURCES)

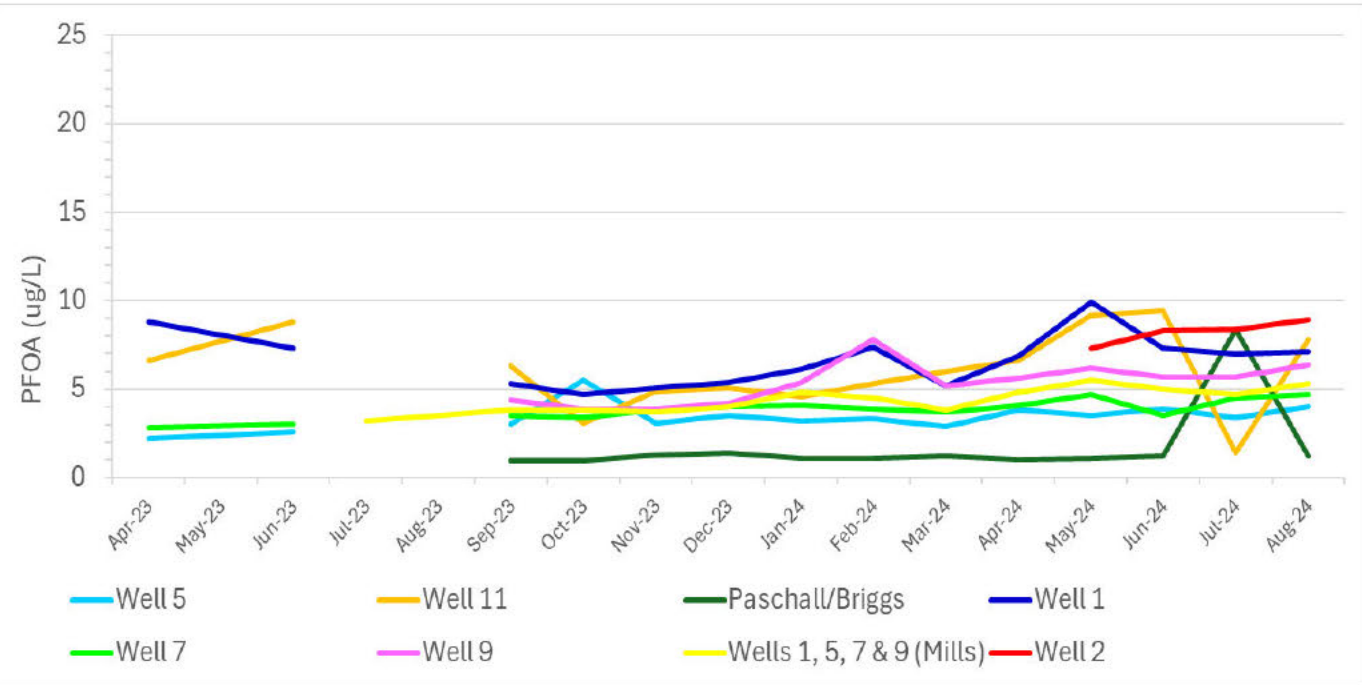
Date	Well 8	Well 10	Well 12	Well 14	Well 16	Glenwood Plant Blend
Apr-23	23	0.85	2	1.5	1.3	7.1
Jun-23	7.2	1.9	3.1		1.2	3.8
Jul-23	5.7					3.5
Aug-23	5.1					3.4
Sep-23	5.1	1.5	3.9		1.3	3.4
Oct-23	5	1.6	4.1		1.3	3.7
Nov-23	5.2	1.7	4.6		1.5	3.8
Dec-23	6	1.8	5.2	1.8	1.5	3.5
Jan-24	5.4	1.9	4.7	1.9	1.5	3.5
Feb-24	5.3	1.9	4.6	2	1.6	3.6
Mar-24	5.6	1.6	4.2	1.7	1.2	3.6
Apr-24	5.2	1.7	4.6	1.8	1.3	3.4
May-24	4.7	2	4.9	2.1	1.4	3.2
Jun-24	4.5	1.9	5.6	2.1	1.5	3.5
Jul-24	4.8	2.1	6	2.1	1.4	3.3
Aug-24	4.9		5.8	2	1.5	3.8



PFOA DATA (MILLS SOURCES)

4

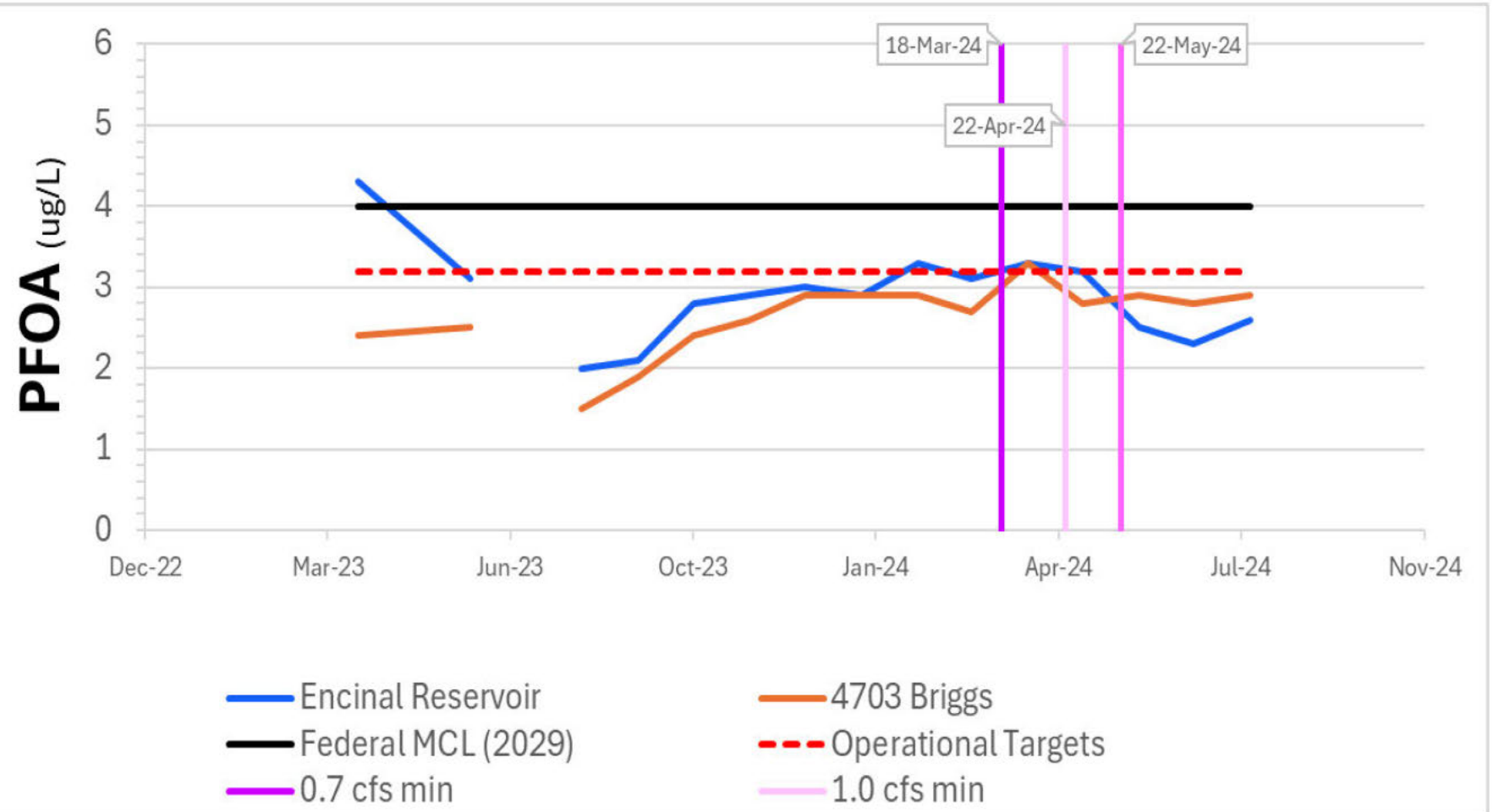
Date	Well 1	Well 5	Well 7	Well 9	Wells 1, 5, 7 & 9 (Mills)	Well 2	Well 11	Paschall/ Briggs
Apr-23	8.8	2.2	2.8		4.1		6.6	
Jun-23	7.3	2.6	3	3.5			8.8	
Jul-23					3.2			
Aug-23					3.5			
Sep-23	5.3	3	3.5	4.4	3.8		6.3	0.98
Oct-23	4.7	5.5	3.4	3.9	3.8		3.1	0.94
Nov-23	5.1	3.1	3.8	3.9	3.7		4.9	1.3
Dec-23	5.4	3.5	4	4.2	4		5.1	1.4
Jan-24	6.1	3.2	4.1	5.4	4.8		4.6	1.1
Feb-24	7.4	3.3	3.9	7.8	4.5		5.3	1.1
Mar-24	5.2	2.9	3.7	5.2	3.8		6	1.2
Apr-24	6.9	3.8	4.1	5.6	4.8		6.6	1
May-24	9.9	3.5	4.7	6.2	5.5	7.3	9.2	1.1
Jun-24	7.3	3.9	3.5	5.7	5	8.3	9.4	1.2
Jul-24	7	3.4	4.5	5.7	4.7	8.4	8.4	1.4
Aug-24	7.1	4.0	4.7	6.4	5.3	8.9	7.8	1.2



POINT OF USE PFOA

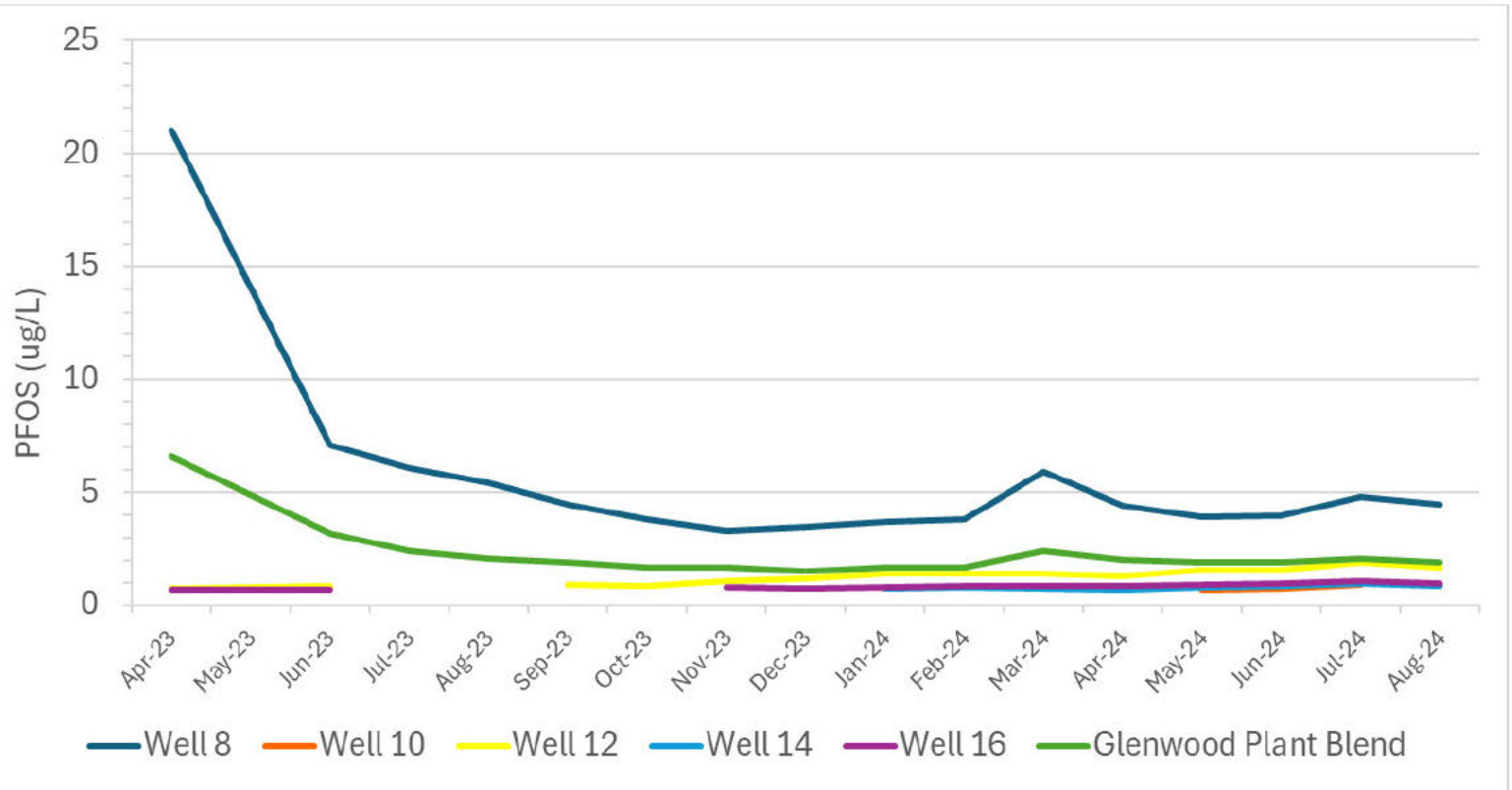
5

Date	Encinal Reservoir	4703 Briggs
Apr-23	4.3	2.4
Jun-23	3.1	2.5
Jul-23		
Aug-23	2	1.5
Sep-23	2.1	1.9
Oct-23	2.8	2.4
Nov-23	2.9	2.6
Dec-23	3	2.9
Jan-24	2.9	2.9
Feb-24	3.3	2.9
Mar-24	3.1	2.7
Apr-24	3.3	3.3
May-24	3.2	2.8
Jun-24	2.5	2.9
Jul-24	2.3	2.8
Aug-24	2.6	2.9



PFOS DATA (GLENWOOD SOURCES)

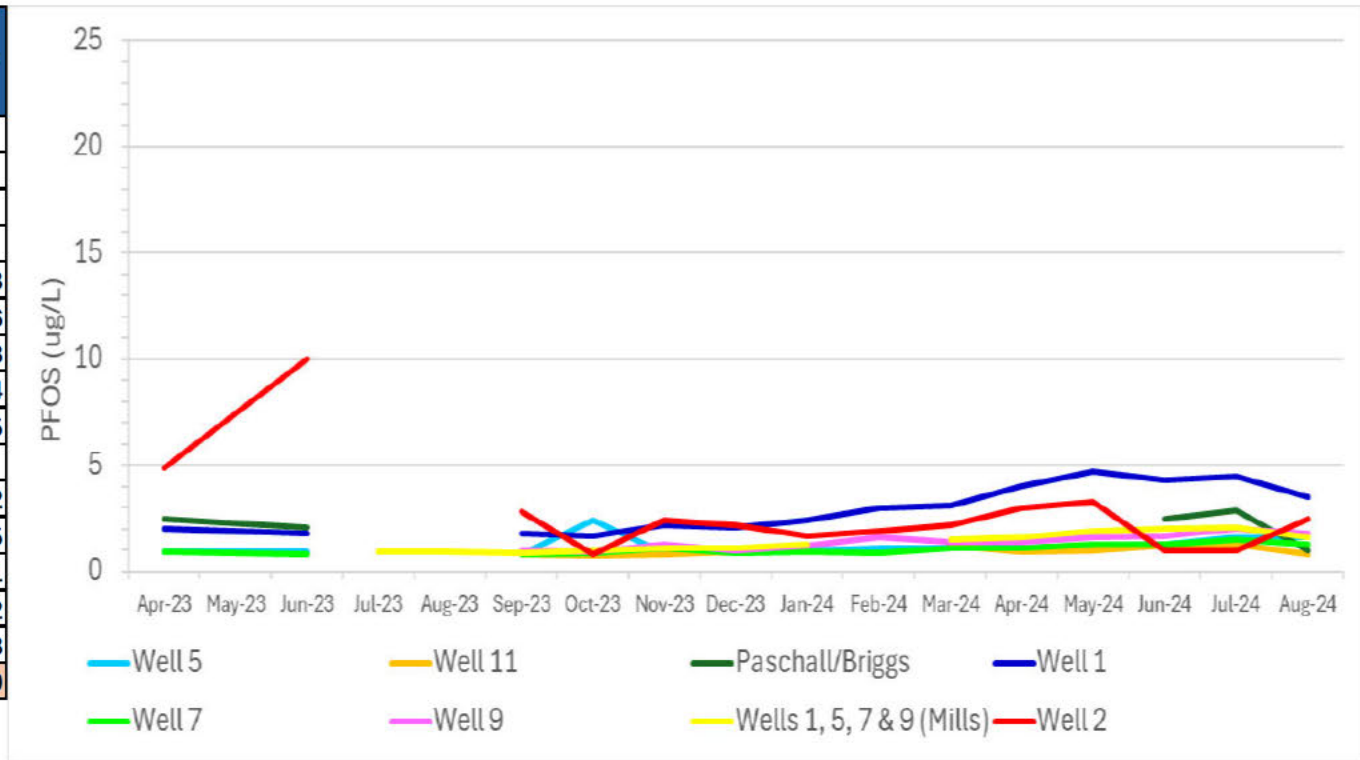
Date	Well 8	Well 10	Well 12	Well 14	Well 16	Glenwood Plant Blend
Apr-23	21		0.72		0.69	6.6
Jun-23	7.1		0.87		0.68	3.2
Jul-23	6.1					2.4
Aug-23	5.4					2.1
Sep-23	4.5		0.93			1.9
Oct-23	3.8		0.87			1.7
Nov-23	3.3		1.1		0.79	1.7
Dec-23	3.5		1.2		0.75	1.5
Jan-24	3.7		1.4	0.72	0.8	1.7
Feb-24	3.8		1.4	0.79	0.87	1.7
Mar-24	5.9		1.4	0.76	0.84	2.4
Apr-24	4.4		1.3	0.71	0.86	2
May-24	3.9	0.67	1.6	0.81	0.9	1.9
Jun-24	4	0.73	1.6	0.83	0.99	1.9
Jul-24	4.8	0.91	1.9	0.95	1.1	2.1
Aug-24	4.5		1.7	0.86	0.95	1.9



PFOS DATA (MILLS SOURCES)

7

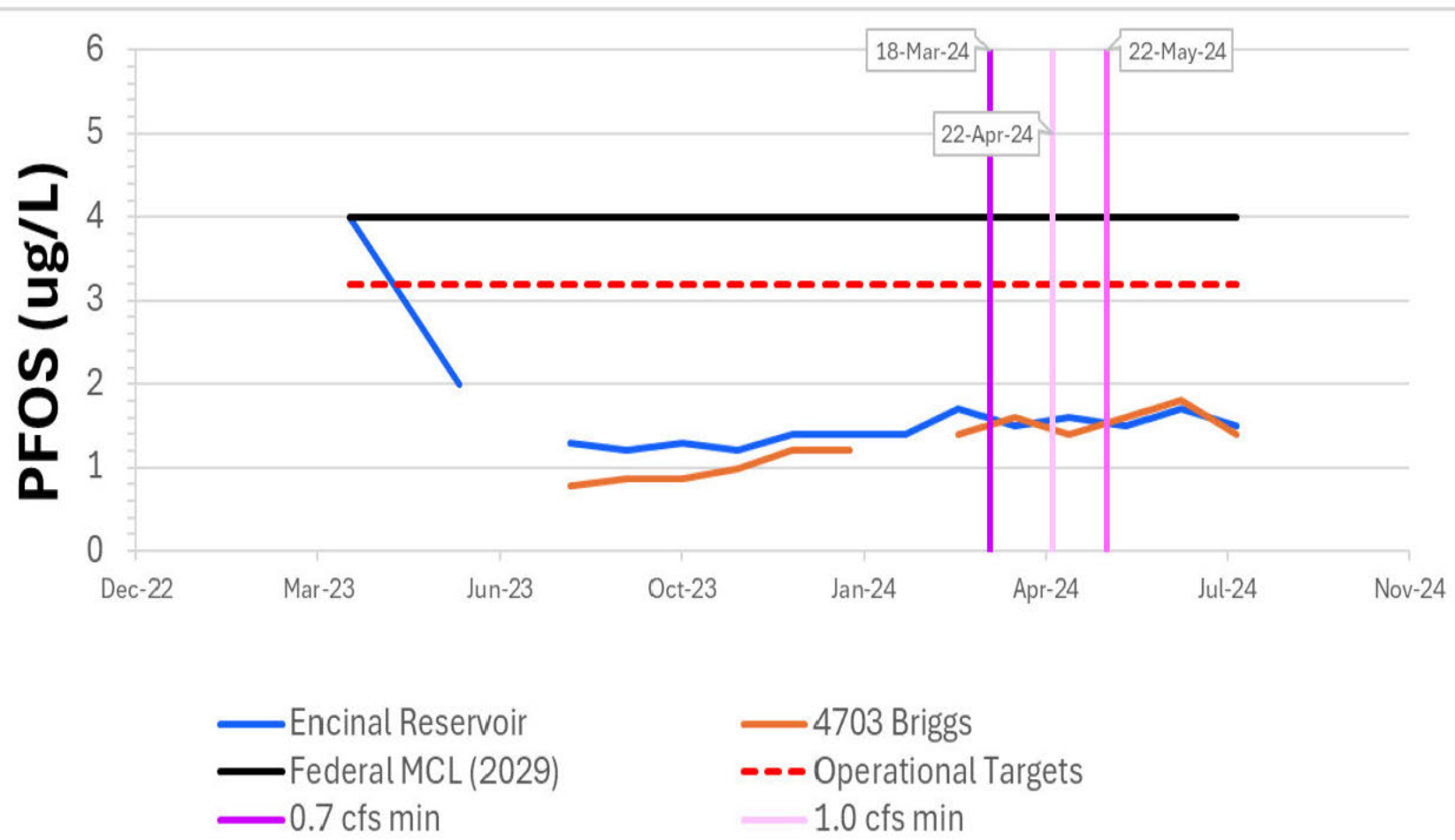
Date	Well 1	Well 5	Well 7	Well 9	Wells 1, 5, 7 & 9 (Mills)	Well 2	Well 11	Paschal/ Briggs
Apr-23	2	0.93	0.95		1.1	2.5	4.9	
Jun-23	1.8	0.92	0.83	0.93		2.1	10	
Jul-23					0.94			
Aug-23					0.92			
Sep-23	1.8	0.82	0.83	0.98	0.89		2.8	0.8
Oct-23	1.7	2.4	0.85	0.92	0.98		0.8	0.76
Nov-23	2.2	0.88	1.1	1.3	1.1		2.4	0.83
Dec-23	2.1	1	0.9	1	1.1		2.2	0.94
Jan-24	2.4	1	0.92	1.2	1.3		1.7	0.95
Feb-24	3	1.1	0.88	1.6			1.9	
Mar-24	3.1	1.1	1.1	1.4	1.5		2.2	1.2
Apr-24	4	1.1	1.1	1.4	1.6		3	0.95
May-24	4.7	1.2	1.3	1.6	1.9		3.3	1
Jun-24	4.3	1.3	1.3	1.7	2.0	2.5	0.98	1.2
Jul-24	4.5	1.6	1.5	2	2.1	2.9	1	1.3
Aug-24	3.5	1.6	1.3	1.8	1.6	2.5	0.81	1.0



POINT OF USE PFOS

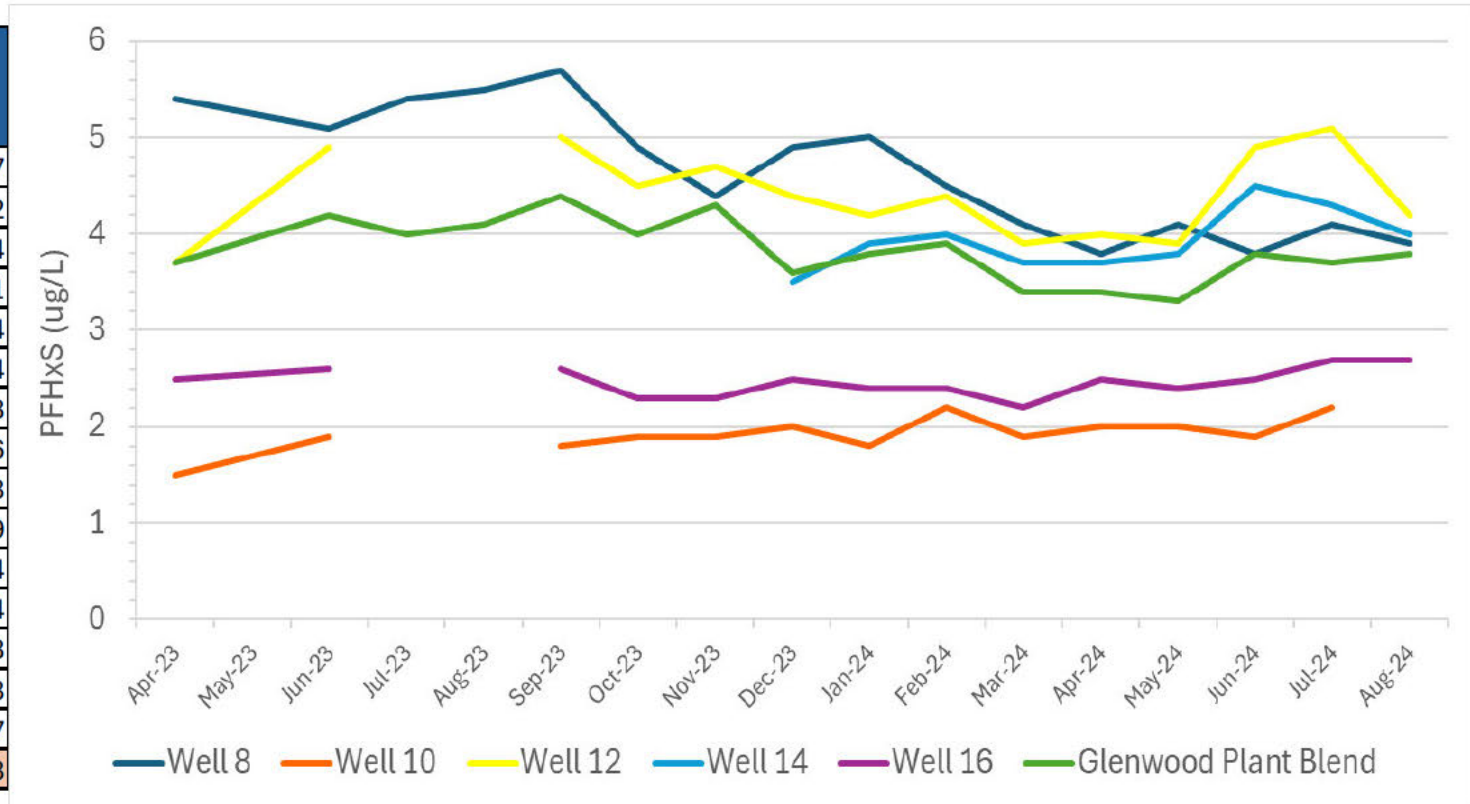
8

Date	Encinal Reservoir	4703 Briggs
Apr-23	4	
Jun-23	2	1.2
Jul-23		
Aug-23	1.3	0.78
Sep-23	1.2	0.87
Oct-23	1.3	0.87
Nov-23	1.2	0.98
Dec-23	1.4	1.2
Jan-24	1.4	1.2
Feb-24	1.4	
Mar-24	1.7	1.4
Apr-24	1.5	1.6
May-24	1.6	1.4
Jun-24	1.5	1.6
Jul-24	1.7	1.8
Aug-24	1.5	1.4



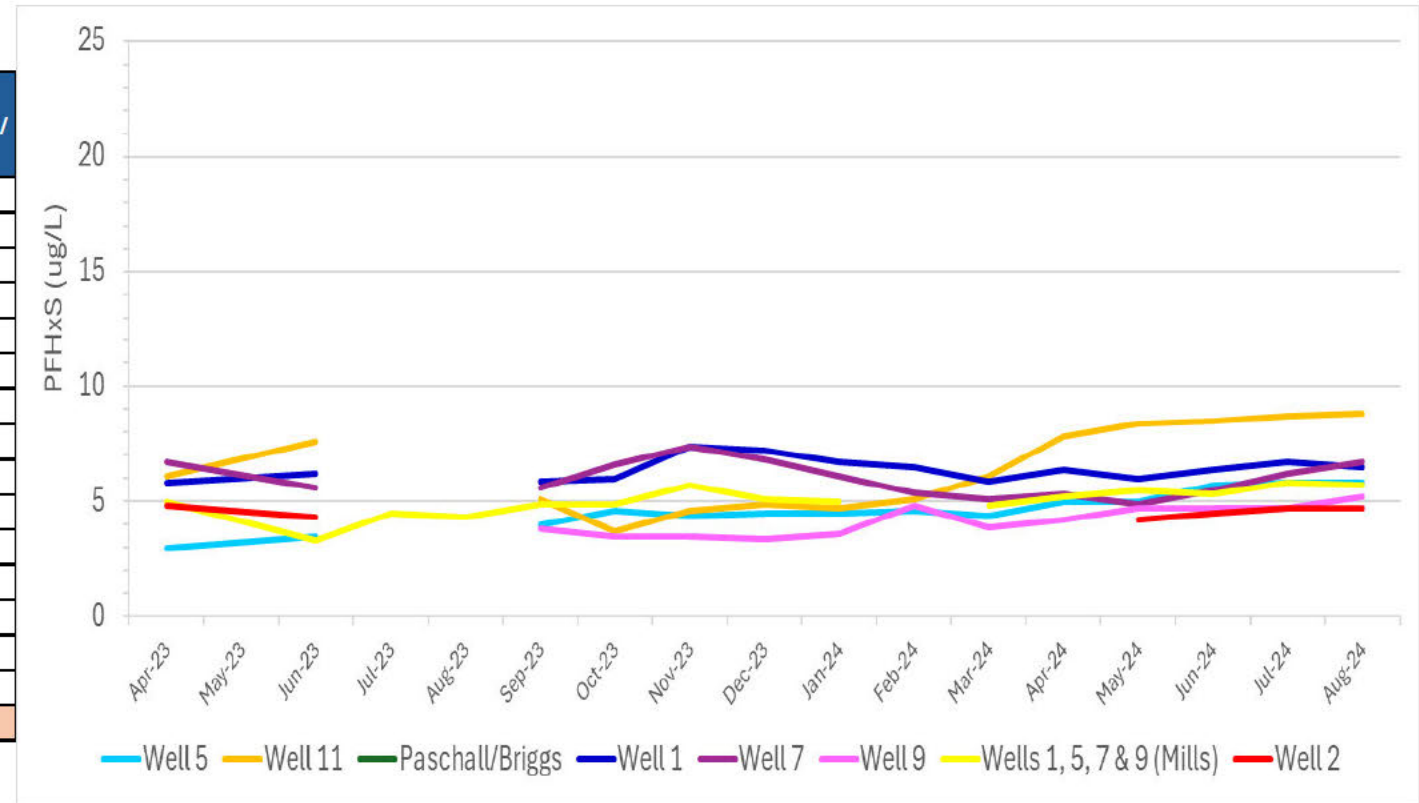
PFHxS DATA (GLENWOOD SOURCES)

Date	Well 8	Well 10	Well 12	Well 14	Well 16	Glenwood Plant Blend
Apr-23	5.4	1.5	3.7	4.7	2.5	3.7
Jun-23	5.1	1.9	4.9		2.6	4.2
Jul-23	5.4					4
Aug-23	5.5					4.1
Sep-23	5.7	1.8	5		2.6	4.4
Oct-23	4.9	1.9	4.5		2.3	4
Nov-23	4.4	1.9	4.7		2.3	4.3
Dec-23	4.9	2	4.4	3.5	2.5	3.6
Jan-24	5	1.8	4.2	3.9	2.4	3.8
Feb-24	4.5	2.2	4.4	4	2.4	3.9
Mar-24	4.1	1.9	3.9	3.7	2.2	3.4
Apr-24	3.8	2	4	3.7	2.5	3.4
May-24	4.1	2	3.9	3.8	2.4	3.3
Jun-24	3.8	1.9	4.9	4.5	2.5	3.8
Jul-24	4.1	2.2	5.1	4.3	2.7	3.7
Aug-24	3.9		4.2	4	2.7	3.8



PFHxS DATA (MILLS SOURCES)

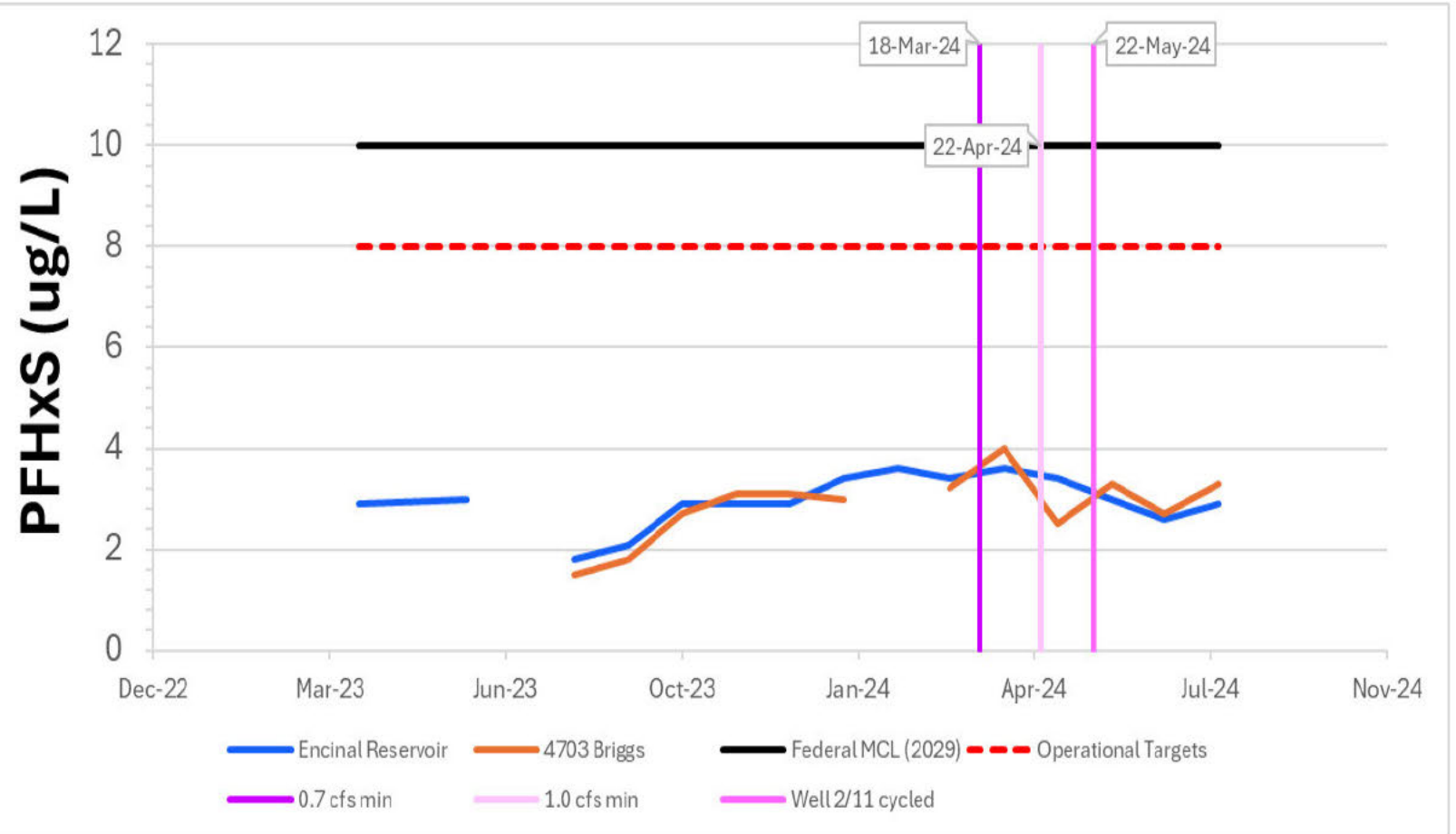
Date	Well 1	Well 5	Well 7	Well 9	Wells 1, 5, 7 & 9 (Mills)	Well 2	Well 11	Paschal/Briggs
Apr-23	5.8	3	6.7		5	4.8	6.1	
Jun-23	6.2	3.5	5.6		3.3	4.3	7.6	
Jul-23					4.5			
Aug-23					4.3			
Sep-23	5.9	4	5.6	3.8	4.9		5.1	
Oct-23	6	4.6	6.6	3.5	4.9		3.7	
Nov-23	7.4	4.4	7.4	3.5	5.7		4.6	
Dec-23	7.2	4.5	6.8	3.4	5.1		4.9	
Jan-24	6.7	4.5	6.1	3.6	5		4.7	
Feb-24	6.5	4.6	5.4	4.8			5.1	
Mar-24	5.9	4.4	5.1	3.9	4.8		6.1	
Apr-24	6.4	5	5.3	4.2	5.2		7.8	
May-24	6.0	5.0	4.9	4.7	5.5	4.2	8.4	
Jun-24	6.4	5.7	5.5	4.7	5.3	4.5	8.5	
Jul-24	6.7	5.8	6.2	4.7	5.8	4.7	8.7	
Aug-24	6.5	5.8	6.7	5.2	5.7	4.7	8.8	



POINT OF USE PFHxS

11

Date	Encinal Reservoir	4703 Briggs
Apr-23	2.9	
Jun-23	3	2.7
Jul-23		
Aug-23	1.8	1.5
Sep-23	2.1	1.8
Oct-23	2.9	2.7
Nov-23	2.9	3.1
Dec-23	2.9	3.1
Jan-24	3.4	3
Feb-24	3.6	
Mar-24	3.4	3.2
Apr-24	3.6	4
May-24	3.4	2.5
Jun-24	3	3.3
Jul-24	2.6	2.7
Aug-24	2.9	3.3



IMPORTED WATER PURCHASE SCENARIOS

					Increased Imported Purchase Water Cost			
					Monthly		Annual	
Scenarios		May PFOA ug/L	June PFOA ug/L	Annual Volume (AF)	50% Production	Full Shutoff	50% Production	Full Shutoff
Mills	Well 11	9.2	9.4	161	\$9,727	\$19,454	\$116,725	\$233,450
Glenwood	Well 12	4.9	5.6	246	\$14,863	\$29,725	\$178,350	\$356,700
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Mills	Well 1	9.9	7.3	104	\$6,283	\$12,567	\$75,400	\$150,800
			Total	762	\$46,038	\$92,075	\$552,450	\$1,104,900
Lost Savings								
Mills	Well 2	7.3		121	\$7,309	\$14,618	\$87,707	\$175,415
		Total		883	\$106,693		\$1,280,315	

Source: PFOA data, Well Production Summary, Well GPM estimation