

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, July 8, 2025, at 7:00 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: 625 360 3648

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/6253603648?omn=85148887421>

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 July 8, 2025.

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 Special Board Meeting on June 10, 2025.
2. Consideration and approval of the Minutes of the Regular Board Meeting on June 10, 2025.
3. Ratification of Disbursements for March 2025.
4. Ratification of Disbursements for April 2025.
5. Ratification of Board Compensation for June 2025

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. **In-House Pipeline Program – Plan Rollout** – Discuss and consider options for the In-House Pipeline Program in FY 2025-26, including possible motion to approve a ramp-up plan and associated two full-time equivalents.
2. **OPEB Liability Prefunding** – Discussion and possible motion to approve a contribution to the District's CERBT Fund and related items.
3. **Strategic Initiatives – Phase 2** – Consideration and possible motion for the General Manager to award Phase 2 of an agreement to Bell Burnett & Associates to provide strategic initiatives guidance and implementation at a cost not to exceed \$85,000.
4. **Determination of District Representative(s) to Join a Proposed Working Group to Discuss Agency Consolidation** – Consideration and possible motion to determine District representative(s) to join a proposed working group to discuss agency consolidation.

Information Items

Written Communications to District/Board of Directors

General Manager's Report

Attorney Report

Reports of Committees

- Community Relations & Emergency Planning Committee
- Employee Relations Committee
- Engineering, Operations, & Technology Committee
- Executive Committee
- Finance & Policy Committee
- Ad Hoc Committee – PFAS
- Ad Hoc Committee – Cyber Security

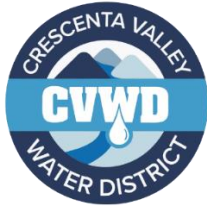
Directors' Oral Reports – Reports on issues, meetings, or activities attended by Directors

Members' Request for Future Agenda Items

Closed Session

1. Conference with Labor Negotiator pursuant to Government Code Section 54957.6
Agency Negotiator: General Manager
Employee Organization: Crescenta Valley Water District Management Unit
2. Conference with Labor Negotiator pursuant to Government Code Section 54957.6
Agency Negotiator: General Manager
Employee Organization: Crescenta Valley Water District Employee Association
3. EMPLOYEE PERFORMANCE EVALUATION (Govt. Code Section 54957)
Position: General Manager

Adjournment



MINUTES OF SPECIAL MEETING OF THE BOARD OF DIRECTORS OF CRESCENTA VALLEY WATER DISTRICT

June 10, 2025

Pursuant to the order of the Board of Directors of the Crescenta Valley Water District, a Special Meeting was held on June 10, 2025, at 6:00 p.m. at La Crescenta Elementary School, located at 4343 La Crescenta Ave., La Crescenta, California, 91214, and through audio and video conferencing. A call-in number was clearly noted on the meeting Agenda, posted in accordance with the Brown Act, with Jefferey W. Johnson presiding.

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

Directors:

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

Attorney:

Ryan Guiboa

General Manager:

James Lee

**Director of Engineering
and Operations:**

Carla Dillon

**Interim Director of Finance and
Administration:**

Arturo Montes

Staff Members:

**Darlene Telles, Operations and Maintenance Manager
Adam Sutphin, Senior Management Analyst**

Guests:

**Anne Newton, Katz and Associates
Sanjay Gaur, Water Resources Economics
Richard Atwater
Cheryl Cleary
Drew Atwater**

PLEDGE OF ALLEGIANCE

Jeffery Johnson opened the meeting by leading the Directors and staff in reciting the Pledge of Allegiance.

ADOPTION OF AGENDA

It was moved by Director Bodnar, seconded by Director Raghavachary, and carried by a 5-0 vote that the Agenda for the Special Meeting of June 10, 2025, be adopted.

PUBLIC COMMENTS – None

ACTION CALENDAR

1. **Public Hearing** – Proposed Water and Wastewater Rate Increase.

Mr. Guiboa stated that notice of the public hearing was mailed no less than 45 days prior to the hearing. Staff informed Director Johnson that all legal objections received had been responded to and provided the board with all protest letters received ahead of the meeting a total of 29. A motion and a second were made to open the public hearing. Director Johnson solicited comments and a public comment was received by all those who wanted to speak. The Board requested any additional protest and one additional protest letter was presented. After all public comments were heard, Director Johnson requested a motion to continue the Public Hearing to Jun 24, 2025.

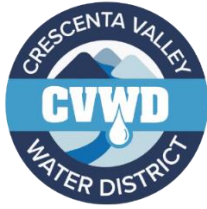
ADJOURNMENT

There being no other business to come before the Board, at 6:45 p.m., the special meeting was adjourned.

APPROVED

Jeffery W. Johnson
Board President

Arturo Montes
Board Secretary



MINUTES OF REGULAR BOARD MEETING OF THE BOARD OF DIRECTORS OF CRESCENTA VALLEY WATER DISTRICT

June 10, 2025

Pursuant to the order of the Board of Directors of the Crescenta Valley Water District, a Regular Meeting was held on June 10, 2025, directly following a 6:00 p.m. Special Meeting of the Board of Directors at La Crescenta Elementary School, located at 4343 La Crescenta Ave., La Crescenta, California, 91214, and through audio and video conferencing. A call-in number was clearly noted on the meeting Agenda, posted in accordance with the Brown Act, with Jefferey W. Johnson presiding.

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

Directors:

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

Attorney:

Ryan Guiboa

General Manager:

James Lee

**Director of Engineering
and Operations:**

Carla Dillon

**Interim Director of Finance and
Administration:**

Arturo Montes

Staff Members:

**Darlene Telles, Operations and Maintenance Manager
Adam Sutphin, Senior Management Analyst**

Guests:

**Anne Newton, Katz and Associates
Richard Atwater
Cheryl Cleary
Drew Atwater**

PLEDGE OF ALLEGIANCE

Jeffery Johnson opened the meeting by leading the Directors and staff in reciting the Pledge of Allegiance.

ADOPTION OF AGENDA

It was moved by Director Bodnar, seconded by Director Erickson, and carried by a 5-0 vote that the Agenda for the Regular Meeting of June 10, 2025, be adopted.

PUBLIC COMMENTS – None

FOOTHILL MUNICIPAL WATER DISTRICT REPORT – Mr. Colcord thanked the board for participating in the Joint Special Meeting held on June 5, 2025. Mr. Colcord stated that FMWD requested that agencies reply by July 1, 2025, with their interest in forming a working group to further discuss consolidation and to designate two representatives from the District to participate.

CONSENT CALENDAR – It was moved by Director Bodnar, seconded by Director Valdez, and carried by a 5-0 vote to approve the Minutes of the Regular Board Meeting held on May 13, 2025, and May 27, 2025.

ACTION CALENDAR

No items.

INFORMATION ITEMS – Fire flow Test training group photo with Sierra Madre, CV Weekly articles dated May 29, 2025, “News From the CVWD”, Questions and Answers from recent Town Halls.

WRITTEN COMMUNICATIONS TO DISTRICT – Chris Kilpatrick letter to the board

GENERAL MANAGER – No report

ATTORNEY REPORT – No report

REPORTS OF COMMITTEES

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

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

Engineering, Operations & Technology Committee – Director Valdez reported that the Committee had not met; not met; however, a meeting is scheduled for July 9, 2025.

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

Finance & Policy Committee – Director Raghavachary reported that the Committee had not met; however, a meeting is scheduled for July 16, 2025.

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

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

DIRECTORS’ ORAL REPORTS

Director Bodnar – Director Bodnar reported that he attended the Joint Special Meeting, and also attended a webinar on PFAS hosted by AWWA.

Director Erickson – Absent

Director Johnson – No report

Director Raghavachary – No report

Director Valdez – No report

BOARD MEMBERS REQUESTS FOR FUTURE AGENDA ITEMS – Consolidation Discussion

CLOSED SESSION – None

ADJOURNMENT

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

APPROVED

Jeffery W. Johnson
Board President

Arturo Montes
Board Secretary

CASH DISBURSEMENT LIST

March 2025



Check #	Check Date	Payable To	Description	Water Amount	Wastewater Amount
48908	3/5/2025	AALRR	Legal services - December for 12/2	\$ 13,539.21	\$ 4,513.07
48909	3/17/2025	armine sargsyan	Mileage reimbursement - Feb. 2025	\$ 464.91	\$ 4.97
48910	3/17/2025	Christina Kopelman	Mileage reimbursement - SCWUA conference	\$ 34.13	\$ 11.37
48913	3/17/2025	Arturo Montes	Reimbursement for dental/vision and health care	\$ 456.00	\$ 304.00
48914	3/17/2025	Brook Yared	Wellness reimbursement	\$ 204.97	\$ 68.32
48915	3/18/2025	ANASTASIIA ALDERWISH	Refund check - 4423 Youg Drive		\$ 65.82
48916	3/18/2025	ARMEN BEDROSIAN	Refund check - 3121 Honolulu	\$ 100.00	
48917	3/18/2025	FOOTHILL MUNICIPAL WATER DIST	Refund check - 4628 Briggs	\$ 100.75	
48918	3/18/2025	HMS VENTURES INC.	Refund check - 2635 Foothill	\$ 227.55	
48919	3/18/2025	ELIZABETH JOHNSON	Refund check - 3909 Ocean View	\$ 52.23	
48920	3/18/2025	SEVADA & RIMA KHANLARYAN GOLSTANYAN	Refund check - 5202 Pennsylvania	\$ 19.72	
48921	3/18/2025	MERI & HABIB KAJAJIAN MARGARYAN	Refund check - 2707 Prospect	\$ 300.00	
48922	3/18/2025	SMBAT MKRTCHIAN	Refund check - 2505 Montrose #103	\$ 38.72	
48923	3/18/2025	LOUANN PERICH	Refund check - 4818 Cheryl	\$ 66.72	
48924	3/18/2025	ARLET SHIRVANIAN	Refund check - 3363 Honolulu	\$ 30.23	
48925	3/18/2025	ANNETTE ZUBCIC	Refund check - 1951 Waltonia	\$ 11.26	
48926	3/18/2025	Fully Promoted	Uniform logo embroidery	\$ 386.57	\$ 128.85
48927	3/20/2025	Airgas USA, LLC	Misc parts & equipment - February 2025	\$ 2,691.06	
48928	3/20/2025	Regino Avalos	Monthly landscaping services - February 2025	\$ 6,716.25	\$ 313.75
48929	3/20/2025	Best Best & Krieger	Legal services - January 2025	\$ 1,371.38	\$ 457.12
48930	3/20/2025	Boot Barn, Inc	Gomez, Matsunyan, Telles - work safetyboots	\$ 757.80	\$ 70.70
48931	3/20/2025	BSK Associates	Water sampling - February 2025	\$ 25,817.83	
48932	3/20/2025	California Water Efficiency Partnership	Annual membership renewal	\$ 1,733.88	
48933	3/20/2025	California Water Environment	Dodge - CWEA association membership renewal	\$ 239.00	
48934	3/20/2025	Cash-Petty Cash	Replenish petty cash	\$ 325.54	\$ 108.51
48935	3/20/2025	City of Glendale Finance Dep	ULARA fees - Oct./Nov./Dec. 2024	\$ 3,541.32	
48936	3/20/2025	Clinical Laboratory of San Bernardino, Inc.	Water sampling & treatment analysis - February 2025	\$ 1,660.00	
48937	3/20/2025	Core & Main	1" Air release valve	\$ 3,074.21	
48938	3/20/2025	Crescenta Valley Publishing LLC	CV Weekly ads - Feb. 20 & 27, 2025	\$ 1,100.00	
48939	3/20/2025	D&H Water Systems	Add-on module Flowmeter & chlorine sensor	\$ 1,978.67	
48940	3/20/2025	Dion and Sons, Inc	Diesel purchahsed - Janaury 2025	\$ 2,388.82	\$ 796.27
48941	3/20/2025	Direct Connection	Door hangers for AMI	\$ 752.73	
48942	3/20/2025	DIY Home Center	Misc. supplies - February 2025	\$ 29.51	\$ 9.84
48943	3/20/2025	State Water Resources Control Board Drinking Water Operator Certification Program	Sargsyan- D1 Certification payment	\$ 70.00	
48944	3/20/2025	Effective Maintenance Services	Janitorial services - March 2025	\$ 646.50	\$ 215.50
48945	3/20/2025	Grainger	Misc. safety supplies - February 2025	\$ 555.66	\$ 185.21
48946	3/20/2025	InfoSend, Inc.	Printing & postage for customer billing statements - February 2025	\$ 2,601.97	\$ 867.32
48947	3/20/2025	iPaySmart INC	Bank charges for customer payment portal - January 2025	\$ 3,559.10	\$ 1,186.37

48948	3/20/2025	Katz & Associates, Inc.	Consulting servicea - January - February 2025	\$	5,693.38	\$	1,897.78
48949	3/20/2025	Koppl Pipeline Services, INc.	Teasley pipeline replacement - hot tapping	\$	1,250.00		
48951	3/20/2025	Multi W Systems Inc.	Booster pump inspection	\$	375.00		
48952	3/20/2025	Pep Boys, Fleet Services	Unit #64 - tire repair and rebalance	\$	1,555.60	\$	62.97
48953	3/20/2025	Quinn Company	Mini excavator - rental	\$	3,590.66		
48954	3/20/2025	Shawn Tanara	2321 Dorothy - refund for D-23-65	\$	2,249.88		
48955	3/20/2025	SWRCB Accounting Office	Water systems annual fees	\$	44,481.88		
48956	3/20/2025	Tri-Xecutex Corp	Security alarm monitoring - April 2025 - June 2025	\$	175.50	\$	88.50
48957	3/20/2025	United Rentals	AMI - stake truck rental	\$	168.78		
48958	3/20/2025	Univar Solutions USA Inc	Sodium hypochloride Glenwood (2,694gals.) Mills (1,585 glas.)	\$	23,233.34		
48959	3/20/2025	Valley Truck and Van	LED lights, window shroud for vehicles	\$	1,834.92		
48961	3/20/2025	WINCAN	Annual sewer monitoring license renewal			\$	1,995.00
48962	3/21/2025	ADS, LLC	Sewer flow monitoring - February 2025			\$	2,464.20
48963	3/21/2025	Affordable Generator Services, Inc.	Unit #30 - labor check and advise	\$	773.60		
48964	3/21/2025	Airgas USA, LLC	Well #2 - carbon dioxide rental - March 2025	\$	16.61	\$	5.53
48965	3/21/2025	American Water Works Assoc.	Misc. tools - February 2025	\$	424.75		
48966	3/21/2025	Aqua - Metric Sales, Co.	CMEP Annual support renewal, 6' iperl cable	\$	3,436.79		
48967	3/21/2025	Jennifer Bautista	Reimbursement - parking	\$	12.37	\$	4.13
48968	3/21/2025	Charter Communications	Lowell - Internet services- March 2025	\$	94.69	\$	31.56
48969	3/21/2025	Chawkins Communications Consulting, Inc.	Consulting services - February 2025	\$	1,470.00	\$	490.00
48970	3/21/2025	City of Glendale	FY 24/25 Grant Assistance Consulting Services	\$	5,886.35		
48971	3/21/2025	Clark Pest Control, Inc.	Pest Control services - February 2025	\$	133.88	\$	44.62
48972	3/21/2025	Consolidated Electircal Distributors, Inc.	Well site maintainance - replacement hour meter	\$	104.26		
48973	3/21/2025	Grainger	Misc. supplies - February 2025	\$	667.53	\$	222.49
48975	3/21/2025	Haaker Equipment Company	Tap cutter	\$	2,102.96	\$	700.98
48976	3/21/2025	Highroad Information Technology	Monthly managed IT services - March 2025	\$	9,879.00	\$	3,293.00
48977	3/21/2025	John Robinson Consulting, Inc.	FY 24/25 Grant Assistance Consulting Services	\$	660.00		
48978	3/21/2025	LA Dept Water and Power	Power purchased - March 2025	\$	48.93		
48979	3/21/2025	Mohamed Rady	4917 Briggs - new meter and service refund	\$	1,079.93		
48980	3/21/2025	Office Depot Business Credit	Misc. office supplies - February 2025	\$	84.56	\$	28.18
48981	3/21/2025	Paper Cuts, Inc	Paper shreddijng services - February 2025	\$	69.38	\$	23.12
48982	3/21/2025	Rani Pallegadda	2505 Laughlin - new meter and service refund	\$	1,152.46		
48983	3/21/2025	The Gas Company SoCal Gas	Glenwood, Office - Gas purchased - February 2025	\$	1,228.18	\$	409.39
48984	3/21/2025	South Coast Air Quality	Annual renewal fees	\$	530.25	\$	176.75
48985	3/21/2025	Sully-Miller Contracting Co.	Asphalt for temporary repairs - February 2025	\$	5,785.18		
48986	3/21/2025	Uline, Inc.	Misc. supplies - February 2025	\$	127.63	\$	42.54
48987	3/21/2025	Vulcan Materials Company	Asphalt for temporary repairs - February 2025	\$	3,102.65		
48988	3/24/2025	ACC CA INC.	Mixed bobtail - February 2025	\$	14,445.00		
48989	3/27/2025	Accurate Measurement Systems, Inc.	Pressure Transmitter	\$	2,018.38		
48990	3/27/2025	ACP Publications and Marketing	Misc. sign printing	\$	342.74		
48991	3/27/2025	Skylo, Inc.	SCADA Programming and Integration Tesco RTU through 2/28/25	\$	15,419.88		
48992	3/27/2025	Applied Technology Group, Inc.	E-939 - misc. supplies - February 2025	\$	22.50	\$	7.50
48993	3/27/2025	ARC Document Solutions LLC	Monthly MPS billing - February 2025	\$	113.75	\$	37.91
48994	3/27/2025	AT&T	Voice communication - March 2025	\$	593.36	\$	197.79
48995	3/27/2025	Citibank	Costco - Misc. supplies - February 2025	\$	784.69	\$	261.56
48996	3/27/2025	Coastline Equipment Co.	Unit #15 - Diagnose and replace starter	\$	2,460.18		
48997	3/27/2025	Hayes Automation Inc.	Analyzer Maintenance and Materials	\$	10,612.70		
48998	3/27/2025	LA Dept Water and Power	Power purchased - February 2025	\$	36.70	\$	12.23
48999	3/27/2025	LMS Electric	Installation of electrical conduit and two chargers at Office	\$	15,625.00		
49000	3/27/2025	O'Reilly Auto Parts	Misc. parts - February 2025	\$	102.72	\$	15.26

49001	3/27/2025	Public Water Agencies Group	Monthly assessment for emergency preparedness program - March 2025	\$	2,525.52	\$	841.84
49002	3/27/2025	So Cal Compton Pipe Supply Co., Inc.	E-977 - Ramsdell Mixing St - 10" Claval, Hydrant rebuilds - clow wrench - 4.5 outlet	\$	29,185.42		
49003	3/27/2025	Southland Pipe Corp.	Steel pipe - 8" cml x cmc 20'	\$	7,446.00		
49004	3/27/2025	Southwest Valve & Equipment, LLC	Ramsdell Mixing Station - 10" BF valve with handwheel (Pratt), 6" valve - 250 HP w/2" operating nut & PI	\$	21,742.49		
49005	3/27/2025	Stemar Equipment & Supply Co.	Misc. supplies - February 2025	\$	18.51		
49006	3/27/2025	Steven Engineering Inc.	Item Number: 2866666; PHOENIX UPS BATTERY MINI-BAT/24DC/0.8AH	\$	2,658.57		
49007	3/27/2025	Sully-Miller Contracting Co.	I-1091 - 2300 Teasley - temporary paving materials	\$	6,007.23		
49008	3/27/2025	Adam Sutphin	Reimbursement for dental/vision and healthcare	\$	1,456.80	\$	971.20
49009	3/27/2025	The Light Committee	Headshot photography	\$	450.00	\$	150.00
49010	3/27/2025	United Rentals	AMI - stake truck rental	\$	6,807.35		
49011	3/27/2025	Vulcan Materials Company	Mixed bobtail - February 2025	\$	7,947.53		
49012	3/27/2025	Watersmart Software, Inc.	Misc. supplies - February 2025	\$	8.75	\$	2.91
49013	3/27/2025	Western Water Works	Stock - municipex	\$	2,448.42		

Subtotals	<u>\$</u>	<u>352,405.27</u>	<u>\$</u>	<u>23,785.93</u>
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Total Disbursements for March 2025		376,191.20
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Payroll Report

Directors	2,625.00
Office Regular Payroll	156,782.80
Office OT	8,556.83
Plant Regular Payroll	127,801.02
Plant OT	11,917.35
Standby	7,443.18
Employer Payroll Taxes	24,203.20
Payroll Service Charges	513.21
Total Payroll for March 2025	<u><u>339,842.59</u></u>

CASH DISBURSEMENT LIST

April 2025



Check #	Check Date	Payable To	Description	Water Amount	Wasterwater Amount
49014	4/1/2025	Foothill Municipal Water	purchased water for Feb 2025	\$ 232,933.14	
49015	4/1/2025	Gabe Gomez	wellness reimbursement	\$ 185.01	
49016	4/1/2025	John Robinson Consulting, Inc.	professional consulting	\$ 1,650.00	
49017	4/1/2025	Darlene Telles	health reimbursement	\$ 1,080.58	\$ 360.19
49018	4/4/2025	So Cal Compton Pipe Supply Co., Inc.	Stock - Hydrants, MIP adapters	\$ 19,340.30	
49019	4/4/2025	So Cal Compton Pipe Supply Co., Inc.	Stock - hydrants	\$ 10,600.65	
49020	4/7/2025	ARMAN BABAZADEH	Refund Check 036809-000, 2868 EL CAMINITO	\$ 15.49	
49021	4/7/2025	CCS Interactive, Inc.	website hosting for Jan 2025	\$ 1,117.50	\$ 372.50
49022	4/7/2025	ANGELA COLLINS	Refund Check 032338-000, 4908 RAMSDELL	\$ 7.01	
49023	4/7/2025	FATIMA DAHMOUH	Refund Check 036716-000, 3300 MONTROSE	\$ 10.94	
49024	4/7/2025	ADRIAN MANOOKEN	Refund Check 036079-000, 4815 CHERYL	\$ 10.01	
49025	4/7/2025	ELISA JEESUN MOON	Refund Check 030007-000, 4745 LA CRESCENTA	\$ 34.53	
49026	4/7/2025	Red Wing Business Advantage	safety boots for kriston saunders	\$ 248.00	\$ 82.66
49027	4/9/2025	EDGAR PEREZ	wellness reimbursement	\$ 225.00	\$ 75.00
49028	4/9/2025	Via Promotionals, Inc.	Pet bowls for community outreach.	\$ 1,790.33	
49029	4/10/2025	Mario Mejia	certification bonus for D1	\$ 400.00	
49030	4/15/2025	Applied Technology Group, Inc.	professional services for 04/25	\$ 22.84	\$ 7.61
49031	4/15/2025	ATS Communications	professional services for 01/25 - 03/25	\$ 348.75	\$ 116.25
49032	4/15/2025	Regino Avalos	monthly services for 03/25	\$ 1,341.25	\$ 313.75
49033	4/15/2025	Avetis Matsunyan	wellness reimbursement	\$ 300.00	
49034	4/15/2025	Charter Communications	wireless communication from 03/23/25 - 04/22/25	\$ 101.40	\$ 33.80
49035	4/15/2025	City of Glendale	well 16 monthly invoice for march 2025	\$ 5,886.35	
49036	4/15/2025	Core & Main	6" Pump Control Valve for Paschall	\$ 15,131.41	
49038	4/15/2025	Effective Maintenance Services	monthly cleaning services for 04/25	\$ 646.50	\$ 215.50
49039	4/15/2025	Fully Promoted	hat embroidery	\$ 227.39	\$ 75.80
49040	4/15/2025	Great America Leasing Corp.	copier lease for 4/20/25 - 5/19/25	\$ 2,753.33	\$ 917.78
49041	4/15/2025	TINA GUKASYAN	Refund Check 036826-000, 2340 CALDERO LANE		\$ 4.81
49042	4/15/2025	Highroad Information Technology	maintenance, support and software month services for 04/25	\$ 9,849.00	\$ 3,283.00
49043	4/15/2025	J.A. Salazar Construction	Main break repair - 4" - 3028 Alabama	\$ 6,025.19	
49044	4/15/2025	John Robinson Consulting, Inc.	Task 4: Hydraulic Model Update	\$ 21,127.50	
49045	4/15/2025	City of Los Angeles LA Sanitation, FMD	sewage facilities charges for nov/dec 2024		\$ 90,430.18
49046	4/15/2025	Lincoln Financial Group	life insurance coverage for 04/25	\$ 735.11	\$ 275.01
49047	4/15/2025	SOURIAN & HELEN MIRZAIAN	Refund Check 005458-000, 3120 HERMOSA	\$ 29.75	
49048	4/15/2025	O'Reilly Auto Parts	tractor fluid	\$ 128.61	
49049	4/15/2025	Paper Cuts, Inc	paper shredding services for march 2025	\$ 7.50	\$ 2.50
49050	4/15/2025	LOUANN PERICH	Refund Check 035854-000, 4818 CHERYL	\$ 130.00	
49051	4/15/2025	Public Water Agencies Group	quarterly pwag assessment Q3	\$ 1,645.47	\$ 548.49
49052	4/15/2025	JAMES SMILEY	Refund Check 010226-000, 2529 OLIVE	\$ 82.41	
49053	4/15/2025	Uline, Inc.	bolt tip replacement handle and contractors broom	\$ 115.40	

49054	4/15/2025	UniFirst Corporation	final uniform statement	\$	754.25	\$	227.42
49055	4/15/2025	Vulcan Materials Company	crushed base and mixed bobtail	\$	3,020.58		
49056	4/15/2025	ERICA ZOLLO	Refund Check 034718-000, 5926 CANYONside	\$	100.00		
49057	4/16/2025	Maritess Allmon	mileage reimbursement for bank deposit trips	\$	16.66		
49058	4/16/2025	Jennifer Bautista	mileage reimbursement for PWAG event and AWWA Conference	\$	90.44		
49059	4/18/2025	Chawkins Communications Consulting, Inc.	professional services for 03/25	\$	1,470.00	\$	490.00
49060	4/18/2025	Effective Maintenance Services	cleaning services for feb 2025, cleaning services for jan 2025	\$	1,293.00	\$	431.00
49061	4/18/2025	Great America Leasing Corp.	services from 3/20/25-4/18/25	\$	2,481.60	\$	827.20
49062	4/18/2025	Holly Healy	CPR Training 2025	\$	1,863.75	\$	686.25
49063	4/18/2025	Lagerlof, LLP	professional legal service for 03/25	\$	1,220.32	\$	406.78
49064	4/18/2025	PMC-STs, INC.	MTM3213-75 psig-0.1%-250 FT PUR Cable with TE-11c MTM3000= Minia	\$	5,254.88		
49065	4/18/2025	Red Wing Business Advantage	safety boots for cesar velasquez	\$	188.95	\$	62.98
49067	4/24/2025	SHANAH DESIGN	face painter for hometown country fair	\$	750.00		
49068	4/24/2025	Pro Safety Inc	safety glasses	\$	294.75	\$	98.24

Subtotals	\$	355,082.83	\$	100,344.70
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Total Disbursements for April 2025		455,427.53
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Payroll Report

Directors	3,250.00
Office Regular Payroll	166,385.06
Office OT	4,835.52
Plant Regular Payroll	116,317.92
Plant OT	19,725.62
Standby	8,165.18
Employer Payroll Taxes	24,357.41
Payroll Service Charges	498.93
Total Payroll for April 2025	343,535.64

Director Compensation Report

Jun-25



<u>Name</u>	<u>Date</u>	<u>Meeting/Event</u> *
Director Bodnar	5/29/2025	Executive Committee
	5/30/2025	Ad Hoc Consolidation Committee
	6/3/2025	Public Meeting Discussion
	6/4/2025	AWWA PFAS
	6/5/2025	Joint Foothill Agencies Meeting
	6/10/2025	Public Hearing
	6/24/2025	Board Meeting
Director Erickson	5/29/2025	Executive Committee
	5/30/2025	Ad Hoc Consolidation Committee
	6/5/2025	Joint Foothill Agencies Meeting
	6/10/2025	Public Hearing
Director Johnson	5/29/2025	Executive Committee
	5/30/2025	Ad Hoc Consolidation Committee
	6/3/2025	Public Meeting Discussion
	6/5/2025	Joint Foothill Agencies Meeting
	6/10/2025	Public Hearing
	6/24/2025	Board Meeting
Director Raghavachary	5/29/2025	Executive Committee
	5/30/2025	Ad Hoc Consolidation Committee
	6/4/2025	Conference with GM
	6/10/2025	Public Hearing
	6/24/2025	Board Meeting
Director Valdez	5/29/2025	Executive Committee
	5/30/2025	Ad Hoc Consolidation Committee
	6/5/2025	Joint Foothill Agencies Meeting
	6/10/2025	Public Hearing
	6/24/2025	Board Meeting

* Compensation of \$125 per meeting

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 1
July 8, 2025

To: Honorable President and Members of the Board of Directors
From: James Lee – General Manager
Subject: In-House Pipeline Program – Plan Rollout

ACTION ITEM:

Discuss and consider options for the In-House Pipeline Program in FY 2025-26, including possible motion to approve a ramp-up plan and associated two full-time equivalents.

BACKGROUND:

WHY IN-HOUSE PIPELINE WAS PURSUED Over several years, the District had pursued a multi-prong approach to revenue sufficiency and revenue stability to represent the funding component of the 2020 Long-Term Infrastructure Reliability and Funding Roadmap (Roadmap). This included a series of rate increases, establishment of a reserve policy, implementation of a capital charge on the property tax roll, and a series of bond issuances, which were rated by Standard and Poor's at two credit rating notches higher than previous issuances. However, due to significant and sustained price increases that began in 2020, the efforts to build a base of funding did not align with the cost to deliver pipeline replacement.

THE PILOT PROGRAM The Pilot In-House Pipeline Program (IHP) began in Spring of 2024 as a means to implement pipeline replacement at a lower cost than the traditional design-bid-build project delivery approach. The first of six pilot project jobs was a 160 linear feet (LF) job on Fierro Circle. In order to learn how to install pipeline with in-house resources while tackling a substantial portion of the District's existing Asset Management Program – e.g. exercising valves, replacing meters and service laterals, rebuilding hydrants, etc. – the District hired limited-term employees (LTEs). This was a way to fulfill the short-term need of understanding whether IHP was possible without incurring a permanent staffing liability to the District. The sixth and last job for the pilot program was an 880 LF job on Teasley St. By this job, the team had learned how to install pipeline, which allowed for executing longer runs while seeing increased efficiencies. Staff has plans to implement additional learning lessons and cost-saving measures in the event the District implements a dedicated IHP program.

The enclosed report summarizes the pilot program, costs, projected savings, and next steps with various implementation scenarios. The table below is from the enclosed IHP report and summarizes the cost savings achieved by the pilot program –

Project	IHP Costs	Low Bid Est.	Savings	Cost Savings
Fierro Circle	\$96,216	\$149,887	\$53,671	156%
Upper Terrace	\$127,926	\$235,130	\$107,204	184%
El Sereno	\$136,515	\$265,584	\$129,069	195%
Humphrey	\$126,258	\$286,392	\$160,134	227%
Gromer	\$123,143	\$302,532	\$179,389	246%
Teasley	\$374,598	\$685,275	\$310,676	183%
Total	\$984,656	\$1,924,798	\$940,143	195%

THREE-YEAR PLAN In order to pursue the District’s commitment to its customers to accelerate pipeline replacement and to appropriately deploy bond issuance proceeds and capital charge revenue, the FY 25-26 budget proposes more lineal feet of replacement for FY 25-26 than for the current year – a range of 0.6 to 0.9 miles. This is for Year 1.

Staff is recommending a ramp-up plan, and FY 25-26 would represent Year 1. The target by Year 3 would be 1.8 miles – approximately 9,500 LF. This target is important because of:

- a. *Commitment to community* – The Roadmap is a 20-year plan. 1.8 miles represents the bulk of pipeline replacement needed for each of the remaining 16 years to catch up on replacement. In other words, the District can complete the Roadmap plan with marginal dependence on outside contractors (after a few years to ramp up).
- b. *Gross Savings* – The plan produces substantial savings. For example, \$3.3 million of savings represents 18% of the total Water Fund budget. Or, it approximates the total annual cost of water imported via FMWD/MWD.
- c. *Marginal Savings* – The District needs full-time deployment of personnel and equipment for any IHP job or any IHP annual target. In other words, the difference in “overhead” for a 100 LF job vs a 1,000 LF job or completing 1,000 LF per year vs. 10,000 LF per year is relatively marginal. The bulk of the marginal cost is the addition of personnel, and the cost of each addition is outsized in terms of savings by many multiples. So, it is highly advantageous to plan for and reach a robust LF target.

The purpose of the pilot program was to determine whether IHP was possible, learn how to do it, determine the staffing and equipment needed to do it, and then determine realistic goals. Upon careful deliberation, management is confident that, with appropriate staffing, the District’s team can accomplish 1.8 miles by Year 3. So, staff is recommending planning for those savings.

The table below is from the enclosed IHP report and summarizes staff’s recommended targets for miles, staffing, equipment, and savings over a 3-year ramp-up period –

Fiscal Year	Miles	Staffing Plan	Equipment Strategy	Expected Savings
2025-26	0.6 – 0.8	+2 FTEs Utilize 3 FTEs from existing (5 on crew)	Rent for additional needs	\$1,163,182
2026-27	1.2 – 1.6	+1 FTE (O&M III) Utilize 2 FTEs from existing (5 on crew)	Evaluate in FY 2025-26	\$2,590,199
2027-28	1.8	+2 FTE (5 on crew)	Evaluate in FY 2026-27	\$3,286,408

A NOTE ON SAVINGS The anticipated savings are based on conservative estimates. Also, the savings are anticipated to grow over time. The following are reasons that staff is confident that savings estimates (over time) are moderately understated –

- a. *Conservative assumptions* – The savings analysis in the enclosed IHP report is based on conservative figures such as comparisons for contracted work using the lowest bid estimates.
- b. *External costs outpace internal costs* – Management explored IHP in the first place because of skyrocketing contractor costs. While costs increased at abnormal rates over the last several years, external cost increases have always outpaced internal cost increases. The savings analysis is

based on today, a snapshot in time. If the expectation is that future cost differentials will approximate past cost differentials, savings will widen over time.

- c. *District efficiency* – The District has learned a considerable amount during the pilot program, whether for pipeline design and permitting, construction and inspection, or procurement of supplies, pressure testing, and balancing asset maintenance with IHP. There are numerous additional efficiencies noted for future potential projects that will bring the \$/LF down the cost curve.
- d. *Intangible benefits* – There are numerous intangible yet impactful benefits that a dedicated IHP program would provide, including quality control, operational resilience, agency branding, etc. Perhaps the most significant benefit is enhanced construction abilities. For example, the Ramsdell Mixing Station project produced considerable savings, and it would not have been possible without the construction crew that grew in capability through the course of the IHP program.

RECOMMENDED RESOURCES One of the reasons a pilot study was commissioned was because it was understood that a dedicated IHP program would need additional resources in terms of equipment and personnel. As mentioned earlier, the District utilized limited-term employees (LTEs) to help determine an IHP program's viability. If the District pursues a ramp-up plan as recommended, what will ramp up with the plan will be miles of pipeline replaced, amount of costs saved, equipment, and number of full-time equivalents (FTEs).

In terms of equipment, staff has determined that supplementing existing equipment with rental equipment is the most appropriate balance between cost, operational resiliency, and risk. In terms of personnel, staff has determined that for Year 1 of a potential ramp-up plan, two FTEs are needed for the construction crew in order to complete 0.6 – 0.9 miles of pipeline while maintaining a robust asset management program.

While an IHP program incorporates every employee of the District at some point in the process, the primary needs are design, permitting, inspection, project management, public outreach, system operations, and construction. And within these competencies, it is the construction team that spends the most time on IHP. Four to five of the District's current LTEs have served as part of the core construction team for all six of the pilot IHP program. The following are reasons why staff believes two additional FTEs for the construction team are needed at this time if a dedicated IHP plan is pursued –

- a. *Fully trained* – The District's four to five LTEs are already fully trained. Also, they understand the additional efficiencies the District intends to pursue for future potential projects. The efficiencies gained as the pilot program progressed show the importance of having construction experience.
- b. *Staff retention* – The LTE arrangement is valuable to both employer and employee. However, without long-term prospects, LTEs will need to seek other employment, which would not support an IHP plan.
- c. *Long-term demand* – The Roadmap was designed to catch up to a pipeline replacement life cycle of 75 years. This is why the peak of the plan in FY 2031-32 calls for 15,500 LF, or 2.9 miles of pipe. However, even at the end of the Roadmap plan in FY 2041-42, the District will need to continue maintaining pipeline. At this time, pipeline replacement would transition to being incorporated into the District's existing Asset Management Plan. Maintaining 96 miles of the District's distribution system every 75 years would require 1.28 miles or 6,750 LF of replacement every year. In other words, a dedicated IHP team could be in demand in perpetuity.

- d. *Revenue stability* – The District pursued revenue sufficiency and revenue stability by increasing rates, including increasing the fixed revenue portion of total revenue. This was pursued in large part to allow for appropriate long-term planning, whether significant CIP projects for water supply (stormwater capture) or water treatment (PFAS remediation), commitments to transformational technology (centralized work order system), or appropriate levels of staffing. The recent rate increases and rate structure change provide more certainty to allow for initiatives like IHP that are expected to produce substantial savings.

Staff believes that the additional operational resilience is a worthwhile financial commitment, as the current-year level of LTE staffing has delivered productivity and cost savings exceeding the cost of their compensation.

The FY 2025-26 budget as approved during the June 24, 2025, Board meeting accounts for the 0.6 to 0.9 miles of IHP replacement discussed above.

Staff recommends that the Board authorize the General Manager to initiate a three-year IHP ramp-up plan, including the appropriate staffing resources.

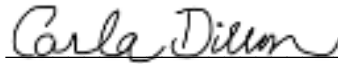
RECOMMENDATION(S):

Staff recommends that the Board authorize the General Manager to initiate a three-year IHP ramp-up plan, including the authorization of two full-time equivalents for the Operations & Maintenance Department.

Prepared and submitted by:



James Lee
General Manager



Carla Dillon, P.E.
Director of Engineering and Operations

Attachment(s):

1. Draft FY 2025-26 IHP Project Schedule (0.88 miles)
2. IHP Report

Project Schedule
Crescsenta Valley Water District
Design of FY 25/26 In-house Pipeline Replacement Project
Schedule

DRAFT

ID	Location	Task Name	Duration	Start	Finish	6/22	July 6/29	7/6	7/13	7/20	7/27	August 8/3	8/10	8/17	8/24	September 8/31	9/7	9/14	9/21	October 9/28	10/5	10/12	10/19	10/26	November 11/2	11/9	11/16	11/23	December 11/30	12/7	12/14	
1		FY 25/26 PIPELINE REPLACEMENT PROJECTS, IN-HOUSE CAPITAL PROJECTS 4,649 L.F (0.88 miles)	267 days	Mon 6/23/25	Tue 6/30/26																											
2	Upper Terrace	IHP CIP Upper Terrace Project I-1095	76 days?	Mon 6/9/25	Mon 9/22/25																											
1		Upper Terrace- Installation of 1,138 L.F of 8-inch cmlxcmc Steel Water Main (0.22 miles)	75 days	Mon 6/9/25	Fri 9/19/25																											
2		1 Scope	1 day?	Mon 6/9/25	Mon 6/9/25																											
8		2 Project Charter	2 days?	Mon 6/9/25	Tue 6/10/25																											
17		3 Design	7 days?	Tue 6/10/25	Wed 6/18/25																											
25		4 Field Survey	7 days?	Wed 6/18/25	Thu 6/26/25																											
32		5 Design/Drawing Approval	28 days?	Wed 7/9/25	Fri 8/15/25																											
51		7 Mobilization	1 day?	Mon 8/18/25	Mon 8/18/25																											
60		8 Construction	20 days?	Mon 8/18/25	Fri 9/12/25																											
71		9 Disinfection and Sample Testing	4 days?	Thu 9/11/25	Tue 9/16/25																											
77		10 Connection	7 days?	Fri 9/12/25	Mon 9/22/25																											
93		11 Pavement Restoration	2 days?	Mon 9/15/25	Tue 9/16/25																											
99		12 Post -Construction Review	1 day?	Wed 9/17/25	Wed 9/17/25																											
104		13 Closing	1 day?	Thu 9/18/25	Thu 9/18/25																											
3	Henrietta Ave	IHP CIP 2700-2800 Henrietta , Project I-1096	148 days?	Mon 6/9/25	Wed 12/31/25																											
1		I-1096 Henrietta Ave. - Installation of 1,700 L.F of 8-inch cmlxcmc Steel Water Main (0.32 miles)	148 days	Mon 6/9/25	Wed 12/31/25																											
2		1 Scope	1 day?	Mon 6/9/25	Mon 6/9/25																											
8		2 Project Charter	2 days?	Mon 6/9/25	Tue 6/10/25																											
17		3 Design	30 days?	Tue 6/10/25	Mon 7/21/25																											
25		4 Field Survey	7 days?	Mon 7/14/25	Tue 7/22/25																											
32		5 Design/Drawing Approval	50 days?	Tue 7/22/25	Mon 9/29/25																											
51		7 Mobilization	1 day?	Mon 9/29/25	Mon 9/29/25																											
59		8 Construction	45 days?	Mon 9/29/25	Fri 11/28/25																											
69		9 Disinfection and Sample Testing	7 days?	Mon 11/10/25	Tue 11/18/25																											
75		10 Connection	17 days?	Tue 11/18/25	Wed 12/10/25																											
91		11 Pavement Restoration	2 days?	Tue 12/9/25	Wed 12/10/25																											
97		12 Post -Construction Review	1 day?	Mon 12/15/25	Mon 12/15/25																											
102		13 Closing	1 day?	Tue 12/16/25	Tue 12/16/25																											
4	Parkhaven	IHP CIP Parkhaven Pl. Project I-1097	190 days?	Tue 7/29/25	Mon 4/20/26																											
1		I-1097 Parkhaven Ave. - Installation of 240 L.F of 8-inch cmlxcmc Steel Water Main (0.05 miles)	121 days	Fri 10/31/25	Fri 4/17/26																											
2		1 Scope	1 day?	Fri 10/31/25	Fri 10/31/25																											
8		2 Project Charter	2 days?	Fri 11/7/25	Mon 11/10/25																											
17		3 Design	30 days?	Tue 11/11/25	Mon 12/22/25																											
25		4 Field Survey	7 days?	Mon 12/22/25	Tue 12/30/25																											
32		5 Design/Drawing Approval	50 days?	Tue 12/30/25	Mon 3/9/26																											
51		7 Mobilization	1 day?	Wed 2/25/26	Wed 2/25/26																											
59		8 Construction	15 days	Wed 2/25/26	Tue 3/17/26																											
69		9 Disinfection and Sample Testing	7 days?	Wed 3/18/26	Thu 3/26/26																											
75		10 Connection	17 days?	Fri 3/27/26	Mon 4/20/26																											
91		11 Pavement Restoration	2 days?	Thu 4/16/26	Fri 4/17/26																											
97		12 Post -Construction Review	1 day?	Fri 4/17/26	Fri 4/17/26																											
102		13 Closing	1 day?	Fri 4/17/26	Fri 4/17/26																											
5	Two Strike Park	IHP CIP Two Strike Park Project I-1098	122 days?	Thu 12/11/25	Thu 5/28/26																											
1		I-1098 Two Strike Park Easement - Installation of 875.24 L.F of 8-inch cmlxcmc Steel Water Main (0.16	122 days	Thu 12/11/25	Thu 5/28/26																											
2		1 Scope	1 day?	Thu 12/11/25	Thu 12/11/25																											

Project: IHP CIP Project Schedule
Date: Thu 7/3/25

Task

Split

Milestone

Summary

Project Summary

External Tasks

External Milestone

Inactive Task

Inactive Milestone

Inactive Summary

Manual Task

Duration-only

Manual Summary Rollup

Manual Summary

Start-only

Finish-only

Deadline

Progress

Manual Progress

Project Schedule
Crescsenta Valley Water District
Design of FY 25/26 In-house Pipeline Replacement Project
Schedule

DRAFT

ID	Location	Task Name	Duration	Start	Finish	6/22	July 6/29	7/6	7/13	7/20	7/27	August 8/3	8/10	8/17	8/24	September 8/31	9/7	9/14	9/21	9/28	October 10/5	10/12	10/19	10/26	November 11/2	11/9	11/16	11/23	December 11/30	12/7	12/14
8		2 Project Charter	1 day?	Thu 12/11/25	Thu 12/11/25																										
17		3 Design	43 days	Thu 12/11/25	Mon 2/9/26																										
25		4 Field Survey	3 days?	Tue 2/10/26	Thu 2/12/26																										
32		5 Design/Drawing Approval	51 days?	Tue 2/10/26	Mon 4/20/26																										
51		7 Mobilization	1 day?	Tue 4/21/26	Tue 4/21/26																										
59		8 Construction	20 days	Wed 4/22/26	Tue 5/19/26																										
69		9 Disinfection and Sample Testing	7 days?	Tue 4/28/26	Wed 5/6/26																										
75		10 Connection	20 days?	Wed 4/29/26	Tue 5/26/26																										
91		11 Pavement Restoration	2 days?	Wed 5/27/26	Thu 5/28/26																										
97		12 Post -Construction Review	1 day?	Thu 5/28/26	Thu 5/28/26																										
102		13 Closing	1 day?	Thu 5/28/26	Thu 5/28/26																										
6	5000 Rosemont Ave	IHP CIP 5000 Rosemont (Henrietta Pl) Project I-1099	87 days?	Wed 3/25/26	Wed 7/22/26																										
1		I-1099 5000 blk. Of Rosemont Ave. (Henrietta Pl. PVT.) Easement - Installation of 348.02 L.F of 8-inch cmixcmc Steel Water Main (0.06	70 days	Wed 3/25/26	Mon 6/29/26																										
2		1 Scope	1 day?	Wed 3/25/26	Wed 3/25/26																										
8		2 Project Charter	1 day?	Wed 3/25/26	Wed 3/25/26																										
17		3 Design	15 days	Wed 3/25/26	Tue 4/14/26																										
25		4 Field Survey	3 days?	Tue 3/31/26	Thu 4/2/26																										
32		5 Design/Drawing Approval	44 days?	Thu 4/2/26	Mon 6/1/26																										
51		7 Mobilization	1 day?	Tue 6/2/26	Tue 6/2/26																										
59		8 Construction	15 days	Tue 6/2/26	Mon 6/22/26																										
69		9 Disinfection and Sample Testing	7 days?	Mon 6/22/26	Tue 6/30/26																										
75		10 Connection	20 days?	Thu 6/25/26	Wed 7/22/26																										
91		11 Pavement Restoration	3 days?	Wed 7/1/26	Fri 7/3/26																										
97		12 Post -Construction Review	1 day?	Wed 7/1/26	Wed 7/1/26																										
102		13 Closing	1 day?	Wed 7/1/26	Wed 7/1/26																										

Project: IHP CIP Project Schedule
Date: Thu 7/3/25

Task

Split

Milestone

Summary

Project Summary

External Tasks

External Milestone

Inactive Task

Inactive Milestone

Inactive Summary

Manual Task

Duration-only

Manual Summary Rollup

Manual Summary

Start-only

Finish-only

Deadline

Progress

Manual Progress

Project Schedule
Crescsenta Valley Water District
Design of FY 25/26 In-house Pipeline Replacement Project
Schedule

DRAFT

ID	Location	Task Name	Duration	Start	January				February				March				April				May				June				July			
					12/21	12/28	1/4	1/11	1/18	1/25	2/1	2/8	2/15	2/22	3/1	3/8	3/15	3/22	3/29	4/5	4/12	4/19	4/26	5/3	5/10	5/17	5/24	5/31	6/7	6/14	6/21	6/28
1		FY 25/26 PIPELINE REPLACEMENT PROJECTS, IN-HOUSE CAPITAL PROJECTS 4,649 L.F (0.88 miles)	267 days	Mon 6/23/25																												
2	Upper Terrace	IHP CIP Upper Terrace Project I-1095	76 days?	Mon 6/9/25																												
1		Upper Terrace- Installation of 1,138 L.F of 8-inch cmlxcmc Steel Water Main (0.22 miles)	75 days	Mon 6/9/25																												
2		1 Scope	1 day?	Mon 6/9/25																												
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25		4 Field Survey	7 days?	Wed 6/18/25																												
32		5 Design/Drawing Approval	28 days?	Wed 7/9/25																												
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99		12 Post -Construction Review	1 day?	Wed 9/17/25																												
104		13 Closing	1 day?	Thu 9/18/25																												
3	Henrietta Ave	IHP CIP 2700-2800 Henrietta , Project I-1096	148 days?	Mon 6/9/25																												
1		I-1096 Henrietta Ave. - Installation of 1,700 L.F of 8-inch cmlxcmc Steel Water Main (0.32 miles)	148 days	Mon 6/9/25																												
2		1 Scope	1 day?	Mon 6/9/25																												
8		2 Project Charter	2 days?	Mon 6/9/25																												
17		3 Design	30 days?	Tue 6/10/25																												
25		4 Field Survey	7 days?	Mon 7/14/25																												
32		5 Design/Drawing Approval	50 days?	Tue 7/22/25																												
51		7 Mobilization	1 day?	Mon 9/29/25																												
59		8 Construction	45 days?	Mon 9/29/25																												
69		9 Disinfection and Sample Testing	7 days?	Mon 11/10/25																												
75		10 Connection	17 days?	Tue 11/18/25																												
91		11 Pavement Restoration	2 days?	Tue 12/9/25																												
97		12 Post -Construction Review	1 day?	Mon 12/15/25																												
102		13 Closing	1 day?	Tue 12/16/25																												
4	Parkhaven	IHP CIP Parkhaven Pl. Project I-1097	190 days?	Tue 7/29/25																												
1		I-1097 Parkhaven Ave. - Installation of 240 L.F of 8-inch cmlxcmc Steel Water Main (0.05 miles)	121 days	Fri 10/31/25																												
2		1 Scope	1 day?	Fri 10/31/25																												
8		2 Project Charter	2 days?	Fri 11/7/25																												
17		3 Design	30 days?	Tue 11/11/25																												
25		4 Field Survey	7 days?	Mon 12/22/25																												
32		5 Design/Drawing Approval	50 days?	Tue 12/30/25																												
51		7 Mobilization	1 day?	Wed 2/25/26																												
59		8 Construction	15 days	Wed 2/25/26																												
69		9 Disinfection and Sample Testing	7 days?	Wed 3/18/26																												
75		10 Connection	17 days?	Fri 3/27/26																												
91		11 Pavement Restoration	2 days?	Thu 4/16/26																												
97		12 Post -Construction Review	1 day?	Fri 4/17/26																												
102		13 Closing	1 day?	Fri 4/17/26																												
5	Two Strike Park	IHP CIP Two Strike Park Project I-1098	122 days?	Thu 12/11/25																												
1		I-1098 Two Strike Park Easement - Installation of 875.24 L.F of 8-inch cmlxcmc Steel Water Main (0.16	122 days	Thu 12/11/25																												
2		1 Scope	1 day?	Thu 12/11/25																												

Project: IHP CIP Project Schedule
Date: Thu 7/3/25

Task

Split

Milestone

Summary

Project Summary

External Tasks

External Milestone

Inactive Task

Inactive Milestone

Inactive Summary

Manual Task

Duration-only

Manual Summary Rollup

Manual Summary

Start-only

Finish-only

Deadline

Progress

Manual Progress

Project Schedule
Crescsenta Valley Water District
Design of FY 25/26 In-house Pipeline Replacement Project
Schedule

DRAFT

ID	Location	Task Name	Duration	Start	January			February			March			April			May			June			July										
					12/21	12/28	1/4	1/11	1/18	1/25	2/1	2/8	2/15	2/22	3/1	3/8	3/15	3/22	3/29	4/5	4/12	4/19	4/26	5/3	5/10	5/17	5/24	5/31	6/7	6/14	6/21	6/28	
8		2 Project Charter	1 day?	Thu 12/11/25																													
17		3 Design	43 days	Thu 12/11/25																													
25		4 Field Survey	3 days?	Tue 2/10/26																													
32		5 Design/Drawing Approval	51 days?	Tue 2/10/26																													
51		7 Mobilization	1 day?	Tue 4/21/26																													
59		8 Construction	20 days	Wed 4/22/26																													
69		9 Disinfection and Sample Testing	7 days?	Tue 4/28/26																													
75		10 Connection	20 days?	Wed 4/29/26																													
91		11 Pavement Restoration	2 days?	Wed 5/27/26																													
97		12 Post -Construction Review	1 day?	Thu 5/28/26																													
102		13 Closing	1 day?	Thu 5/28/26																													
6	5000 Rosemont Ave	IHP CIP 5000 Rosemont (Henrietta Pl) Project I-1099	87 days?	Wed 3/25/26																													
1		I-1099 5000 blk. Of Rosemont Ave. (Henrietta Pl. PVT.) Easement - Installation of 348.02 L.F of 8-inch cmlxcmc Steel Water Main (0.06	70 days	Wed 3/25/26																													
2		1 Scope	1 day?	Wed 3/25/26																													
8		2 Project Charter	1 day?	Wed 3/25/26																													
17		3 Design	15 days	Wed 3/25/26																													
25		4 Field Survey	3 days?	Tue 3/31/26																													
32		5 Design/Drawing Approval	44 days?	Thu 4/2/26																													
51		7 Mobilization	1 day?	Tue 6/2/26																													
59		8 Construction	15 days	Tue 6/2/26																													
69		9 Disinfection and Sample Testing	7 days?	Mon 6/22/26																													
75		10 Connection	20 days?	Thu 6/25/26																													
91		11 Pavement Restoration	3 days?	Wed 7/1/26																													
97		12 Post -Construction Review	1 day?	Wed 7/1/26																													
102		13 Closing	1 day?	Wed 7/1/26																													

Project: IHP CIP Project Schedule
Date: Thu 7/3/25

Task		Summary		External Milestone		Inactive Summary		Manual Summary Rollup		Finish-only		Manual Progress	
Split		Project Summary		Inactive Task		Manual Task		Manual Summary		Deadline			
Milestone		External Tasks		Inactive Milestone		Duration-only		Start-only		Progress			



Crescenta Valley Water District

In-House Pipeline Review (July 2025)

Prepared by:

Crescenta Valley Water District

2700 Foothill Blvd.

La Crescenta, CA 91214

July 8, 2025

EXECUTIVE SUMMARY

RATIONALE FOR PURSUING IN-HOUSE PIPELINE Over several years, the District has pursued a multi-prong approach to revenue sufficiency and revenue stability to represent the funding component of the 2020 Long-Term Infrastructure Reliability and Funding Roadmap (the “Roadmap”). This has included a series of rate increases, establishment of a reserve policy, implementation of a capital charge on the property tax roll, and a series of bond issuances, which were rated by Standard and Poor’s at two credit rating notches higher than previous issuances. However, due to significant and sustained price increases that began in 2020, the efforts to build a base of funding did not align with the cost to deliver pipeline replacement. The Pilot In-House Pipeline Program began in Spring of 2024 as a means to implement pipeline replacement at a lower cost than the traditional design-bid-build project delivery approach. This report summarizes the pilot program, the costs, and projected savings with various implementation scenarios.

DIRECT (\$) BENEFITS The pilot program included six projects in order to: 1) assess project under a range of factors such as soil condition (frequency of boulders), length of run, number of other connections such as service laterals and fire hydrants, and pipe size; and 2) any efficiencies gained over the span of the pilot program. The program saw an estimated \$958,000 in direct savings. Data for recent jobs in the industry that were contracted out are approximately 200% greater than the results in the District’s pilot program. The analysis methodology erred on the side of conservative. That said, the construction crew continues to become more efficient, and this is expected to further increase savings in terms \$ / %.

INDIRECT (INTANGIBLE) BENEFITS A number of intangible benefits were also identified, and their current and future impacts are considered significant to the District’s bottom line and broader mission. They include, and are not limited to: a) better quality control for pipeline replaced; b) elevated understanding of construction methods (including inspection); c) more expedited construction timelines (important for community impact such as traffic and sound); d) agency reputation and branding; e) operational resiliency through higher staffing; and f) potential for inter-agency mutual aid and service.

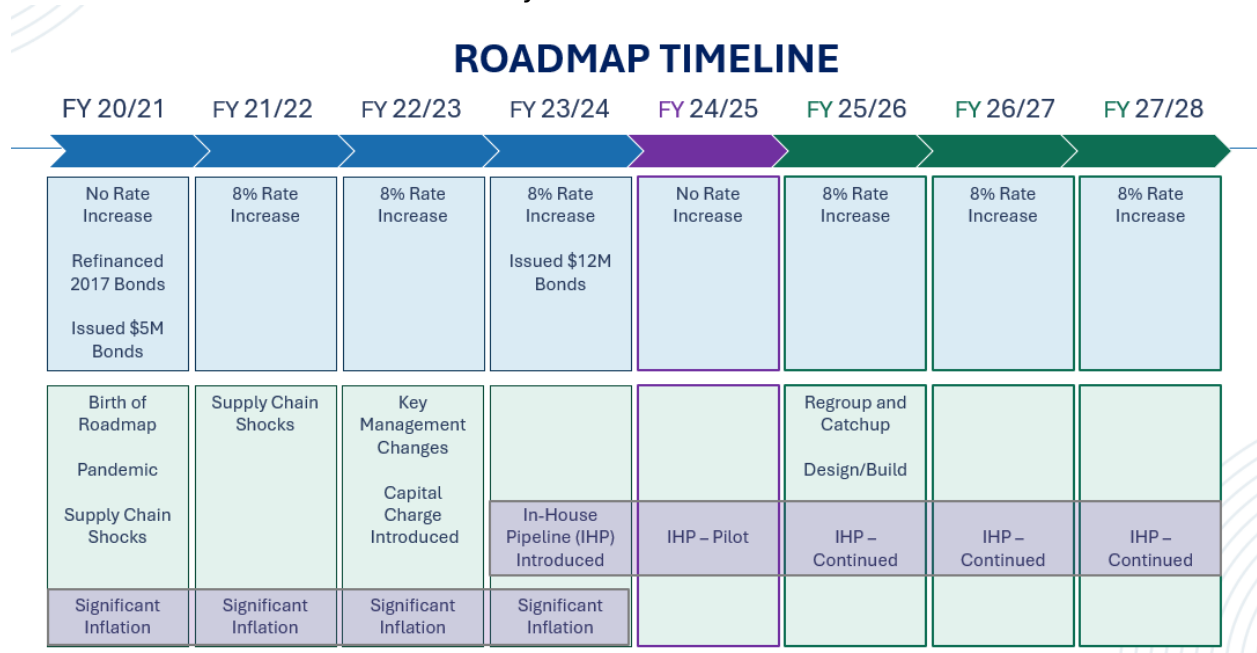
NEXT STEPS AND OTHER CONSIDERATIONS Although several limited-term employees (LTEs) had been hired to catch up on asset maintenance (e.g. valves, sewer cleaning, etc.), part of their capacity was allocated to ensuring success of the IHP pilot. One of the primary factors in considering next steps is the appropriate plan for managing asset maintenance at appropriate levels while delivering pipeline replacement at a pace that meets the District’s commitment to the community through the Roadmap plan. At this time, a version of a ramp-up plan appears to provide the best alignment the following objectives: 1) catching up to the Roadmap plan; 2) staff continuing to learn through IHP; 3) staff continuing to develop a newer design-build model for contracted pipeline; 4) preparing for other needs. A potential goal is 1.8 miles through the IHP program for \$3.3 million in cost savings by FY 2027-28, holding today’s economic conditions constant. Other needs include: hiring; additional training through field trips to other agencies; developing additional storage for construction materials; additional facilities such as parking and locker room space for future hires.

BACKGROUND

In 2019, Crescenta Valley Water District (CVWD) recognized that pipes had a useful life of approximately 75 to 85 years; however, with the average replacement rate of approximately 0.25 miles per year, with 96 miles of pipeline making up the distribution system, it would take over 200 years to replace the entire system. This would eventually lead to overwhelming reactive maintenance costs, causing system failures and higher rates.

To address this, the CVWD Board of Directors committed to the 2020 Long-Term Infrastructure Reliability and Funding Roadmap (the “Roadmap”), which pursued the acceleration of pipeline replacement. Replacement would be ramped up over time, and sufficient and stable revenue would be secured to support the effort.

Almost concurrently, there began significant and sustained price increases (pandemic, inflation, supply chain shocks) which made pipeline replacement cost prohibitive. The District had asked much from the community but could not fully honor its Roadmap commitment due to economic factors outside of the District’s control. Nonetheless, CVWD remained committed to the Roadmap and sought for and identified innovative approaches to maintain its infrastructure and carry out its mission.



The General Manager initiated a discovery process by consulting various agencies and contractors to explore the feasibility of in-house pipeline construction at a larger scale. Most said it wasn't possible, but some experienced pipefitters believed it could be feasible. Consensus was built, and a presentation was made to a working group in January 2024. The Board approved an in-house pipeline (IHP) pilot program in the subsequent months.

ANALYSIS OF IN-HOUSE PIPELINE CONSTRUCTION

The In-House Pipeline (IHP) Pilot Program included six projects. Each project had its own unique challenges, but with time and experience, field crews gained efficiencies. The crews learned how to operate the construction equipment more efficiently, made sure they had the best suited equipment for the job, the right number of people at the site, brought the welding function in-house, and maximized contractor support for hauling spoils.

The IHP pilot demonstrated significant direct cost benefits in terms of dollars and significant indirect benefits such as quality control and professional development.

SAVINGS ANALYSIS

The methodology for cost analysis accounted for all internal costs, including:

- a) Fully-burdened staff time;
- b) Equipment usage with a cost per hour, equipment rental, and materials (pipe, valves, sand, base); and
- c) Recent bids obtained from other water agencies, where a “bid schedule” was created for each project;
 - o Conservative low-bid values
 - o Estimation of avoided change orders (boulders, utilities not located as where indicated on drawings).

The following table summarizes IHP costs for “in-house” vs. “contracted / bid”.

Project	IHP Costs	Low Bid Est.	Savings	Cost Savings
Fierro Circle	\$96,216	\$149,887	\$53,671	156%
Upper Terrace	\$127,926	\$235,130	\$107,204	184%
El Sereno	\$136,515	\$265,584	\$129,069	195%
Humphrey	\$126,258	\$286,392	\$160,134	227%
Gromer	\$123,143	\$302,532	\$179,389	246%
Teasley ¹	\$374,598	\$685,275	\$310,676	183%
Total	\$984,656	\$1,924,798	\$940,143	195%

1 - At the time of this report, the paving cost was an estimate by a contractor.

With time and experience, the IHP O&M crew improved efficiencies as shown through the costs. The cost per linear foot for the first project was \$567. This cost reduced to \$526 then \$408 for the second and third projects, respectively. Utilizing the metric, *cost per linear foot per inch diameter* and adjusting for inflation allows for a metric that normalizes the data allowing for a better comparison. When reviewing the cost per linear foot per inch diameter, the costs stabilized between \$50-\$61 for the final four projects.

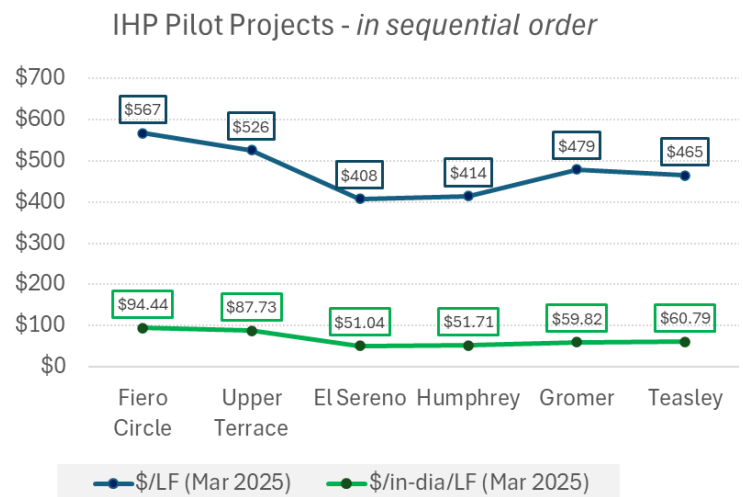
COST CONSIDERATIONS

In looking at the labor expenses for five O&M I limited-term employees (LTEs) to support the program, the costs were approximately \$624,000 for a year. Since construction was not ongoing for the full twelve months, some of the labor costs were actually for routine preventative and corrective maintenance. Using the assumption that construction was active during twelve months of the year, the pro-rated labor costs for 8 months would be \$416,000.

The hours charged to the IHP projects by O&M I's, II's, and III's amounted to about 4,700 hours for all six projects, which equates to 2.7 FTEs (at 1,756 actual working hours per FTE), and rented equipment cost \$38,817. The overall cost savings for the IHP Pilot program was \$940,143, and the labor and equipment costs were \$662,817. This results in a net savings of \$277,326.

By looking at the cost-saving in terms of actual hours on the projects, the cost for 3.0 LTEs was \$374,400 (pro-rate the \$624,000 from 5.0 to 3.0 LTEs), and the costs equate to \$413,217 including equipment. The net savings for this case is \$526,926.

The adjacent graph shows the cost for each project normalized on an "\$ per inch per diameter / linear foot" basis. As the diameter of the pipe increases, project risks, time, and costs increase. In addition to the pipe having more material and therefore higher cost, the trench may need to be deeper and wider with larger pipes, leading to more encounters with other utilities or boulders. The trench may require shoring with larger pipes, and additional equipment may be needed for installation. To better compare project costs, each project is normalized by dividing by the inch-diameter of the pipe, as well as a cost escalator to bring the project costs to March of 2025. In looking at the "\$ per inch per diameter / linear foot" line (green), the costs were fairly stable for the last four projects (El Sereno, Humphrey, Gromer, and Teasley). This indicates consistency in the latter part of the Pilot Program, and the numbers of \$51-\$61 per inch per diameter / linear foot approximate Riverside's \$60 per inch per diameter / linear foot in 2022-23.



ALTERNATIVES

Based on the information learned through the IHP pilot, there is a range of options for moving forward, and several are suggested here –

No In-House Pipeline Construction (Scenario A)

This option would return crews to full-time maintenance roles conducting routine preventative and corrective maintenance only. This would include valve exercising, hydrant rehabilitation, main break and service line repairs. As the schedule permits, in-house labor forces would conduct construction for Development jobs (D-jobs). Since the developer (property owner) pays the exact cost for construction activities related to their specific project, there would be cost recovery for staff time, but there are no additional costs for contracting this service out to a contractor.

This option would include having capital pipeline projects designed and constructed by outside firms. This may be delivered through traditional Design-Bid-Build or Design-Build approach. The District has historically utilized “design-bid-build” where the scope of the project is released requesting proposals from engineering consulting firms. Following approval of the designs, the project is released for bid by construction contractors. The District is currently exploring the Design-Build approach, and if successful in terms of economics, quality, and level of service for customers, the District could continue with this method. The smaller pipeline segments could be “packaged” together so there is a higher overall length of pipeline that incentivizes proposers.

< *Rough Order of Magnitude (ROM) expected cost per Linear Foot: \$700 - \$1,050* >

Limited Construction / Extend the Pilot Phase (Scenario B)

This option would include two to four pipeline construction projects per year for small-scale, cul-de-sac type projects. The length of each project would be 240 – 500 linear feet, for a total approximately 1,000 to 1,500 feet per year. This approach would keep the crew trained in pipeline construction, while also conducting maintenance. The wear and tear on equipment would be reduced, and there would be some cost saving with conducting in-house construction to a limited degree.

< *ROM expected cost per Linear Foot, contracted: \$700 - \$1,050* >

< *ROM expected cost per Linear Foot, In-House: \$420 - \$550* >

< *ROM expected cost per Linear Foot, weighted: \$673 - \$1,003* >

Ramp-Up Plan (Scenario C – D – E)

The ramp-up plan would allow time to staff up gradually and train at a reasonable pace that would maintain the workplace culture gains made in recent years. Having a team where all members are skilled in construction will allow rotation and backup so team members can be shifted as needed, while maintaining 80% of preventative and corrective maintenance.

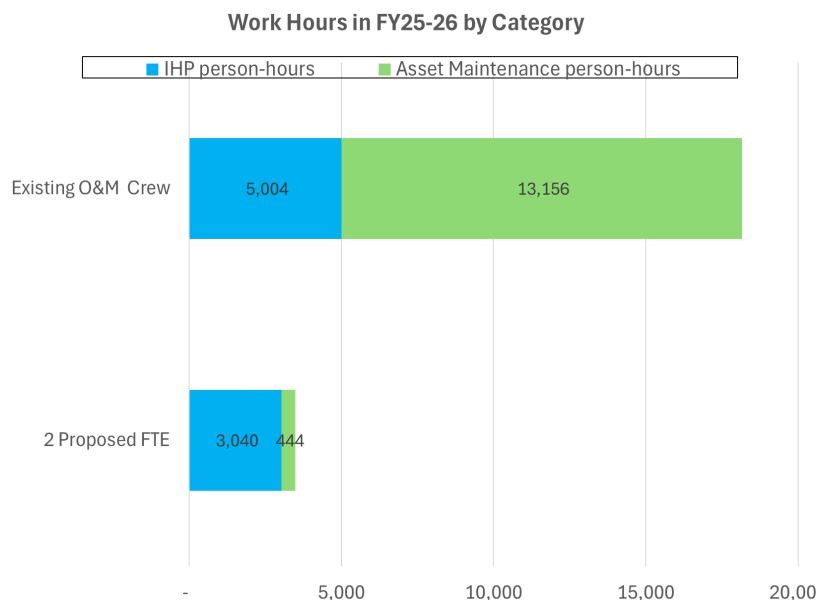
This approach also allows staff to thoroughly evaluate the pros and cons of equipment leasing versus purchasing.

The FY 25-26 budget proposes that 0.6 to 0.9 miles of pipeline would be replaced by in-house labor resources. This was considered a reasonable number allowing time to staff up and continue building team skill sets while securing the required materials, designs, and permits. If the Board is in support of a ramp-up plan, the following year would target 1.2 to 1.6 miles of pipeline, and in year three, 1.8 miles.

Fiscal Year	Miles	Staffing Plan	Equipment Strategy	Expected Savings
2025-26	0.6 – 0.8	+2 FTEs Utilize 3 FTEs from existing (5 on crew)	Rent for additional needs	\$1,163,182
2026-27	1.2 – 1.6	+1 FTE (O&M III) Utilize 2 FTEs from existing (5 on crew)	Evaluate in FY 2025-26	\$2,590,199
2027-28	1.8	+2 FTE (5 on crew)	Evaluate in FY 2026-27	\$3,286,408

- < ROM expected cost per Linear Foot, contracted: \$700 - \$1,050 >
- < ROM expected cost per Linear Foot, In-House: \$420 - \$550 >
- < ROM expected cost per Linear Foot, weighted FY 25-26: \$646 - \$953 >
- < ROM expected cost per Linear Foot, weighted FY 26-27: \$543 - \$770 >
- < ROM expected cost per Linear Foot, weighted FY 25-26: \$476 - \$650 >

With this scenario, the existing crews would work on in-house pipeline projects as well as the two proposed FTE. While there is downtime between projects, the new FTE would work on asset maintenance. Based on prior evaluations, the total hours per year of asset maintenance required for the CVWD water and wastewater system are approximately 18,200. With this plan, the total hours devoted to asset maintenance are approximately 13,600 and the total hours for IHP is 9,044 hours. The graphical presentation of this follows. Through melding of staffing resources and newer efficiencies in both IHP and asset maintenance, the District can do more with fewer hours. However, more



gross hours are needed, which is why 2 new FTEs are proposed for this scenario. The cost of these 2 new FTEs are figured into the savings calculations. Further efficiencies with asset maintenance are described further in ‘Additional Considerations’.

While the FY 2025-26 budget proposes 0.6 – 0.9 miles of pipeline replaced through IHP, it also proposes 1.2 – 2.3 miles of pipeline replaced through the newer design-build approach discussed above. The combined ramp-up approach and its impact on the District’s plan to honor the Roadmap are shown below –



Full Implementation **(Scenario F - G)**

This option would increase staff by 5 FTEs/LTEs in FY 2025-26. The team that has been on the construction crew would continue while rotating in some of the new employees, one at a time. This would allow the construction to continue at least at the pace previously established with the operational efficiencies and lessons learned over the prior year. The new hires would perform the routine preventative and corrective maintenance and be trained throughout the year. Due to the time it would take to recruit and have permitted designs ready to construct, it would be anticipated that staff could achieve 0.6 miles (3,168

feet) in FY 2025-26. Under this scenario, District forces would not work on the arterial streets, nor pipes larger than 10 inches in diameter.

- < ROM expected cost per Linear Foot, contracted: \$700 - \$1,050 >
- < ROM expected cost per Linear Foot, In-House: \$420 - \$550 >
- < ROM expected cost per Linear Foot, weighted FY 25-26: \$653 - \$967 >
- < ROM expected cost per Linear Foot, weighted FY 26-27: \$476 - \$650 >

Increase In-House Capabilities (Scenario H)

The IHP pilot construction project implemented projects of 6- and 8-inch diameter, and CVWD contracted out work for final paving. Also, work was performed on residential, low traffic streets (local streets). The District could investigate bringing resources in-house to conduct paving, and perform traffic control on principal arterials, minor arterials, major and minor collectors. In addition, the crew could acquire the skills and equipment to install larger pipes (10-, 12- and 16-inch pipes). These additional capabilities would require hiring seasoned employees with traffic control and paving expertise as well as larger-scale construction equipment. The contractor the District regularly uses for paving is typically well below the lowest bid of others. This contractor may not perform the work in the timeline the District would like, nor with the diligence preferred by the municipality with jurisdiction over the streets. In addition, if this contractor is not available, the next highest bidder would be significantly more costly.

Performing work on higher traffic streets, installing larger and deeper pipelines would take additional time for in-house crews and cost more money than smaller diameter, shallower, and less risky street conditions. There would likely be a learning curve for staff, and costs per linear foot would increase. Further evaluation would be necessary to implement this option and determine the expected costs.

ADDITIONAL CONSIDERATIONS

OPPORTUNITY COST WITH RESPECT TO ASSET MANAGEMENT

During this pilot program, the Operations & Maintenance (O&M) crew was focused on completing the construction project, so routine maintenance was reduced to prioritize the project. The number of staff employed for O&M was matched to the required preventative and corrective maintenance, so diverting 5 employees for planned pipeline replacement impacted other maintenance tasks. In addition, several O&M employees were out of work on various leaves amounting to approximately 1,387 hours, which further impacted achieving targeted maintenance goals. Urgent and emergency work was completed throughout the pilot, including service and main break repairs. On several (at least six) occasions, a contractor was hired to repair main breaks. This resulted in achieving the following metrics:

The current O&M employee count is matched to complete the preventative and corrective maintenance work within the water and sewer systems, approximately 18,200 hours/year.

The six pilot projects were conducted while other routine maintenance work was deferred or contracted out. The following table summarizes the actual opportunity cost of the IHP pilot over the past year –

Metric	Goal	Actual
Water – Valves Exercised	1,425	1,159
Water – Valve Replacements	15	13
Water – Service Replacements	75	57
Water – Hydrants Inspected ¹	Every 3 years	44
Water – Hydrants Rebuilt	15	7
Water – Hydrant Heads or Laterals Replaced	15	16
Sewer – Cleaning ²	145,200 feet	7,146 feet
Sewer – Inspection	43,560 feet	53,119 feet
Main/service break repairs contracted out (on-call service)	< 3	7?

1 All hydrants had been fully inspected as of January 2024 and are targeted for three-year inspection cycle.

2 The sewer cleaning approach has changed, and the formal metric will be modified in the next Sewer System Management Plan update. Cleaning is conducted on an as-needed based on known 'hot spots' or inspection.

Within the first half of the fiscal year, an evaluation will be conducted to reassess the time for routine maintenance and annual metrics for completion. The field crew has improved their skills and efficiency through the IHP program, and it is expected that time to carry out maintenance tasks will be reduced. For example, service line break repairs have been observed to take less time than prior to the IHP program, as skill and confidence has increased. The field crews have also had the know-how and determination to complete a very complex project, the Ramsdell Mixing Station rehabilitation and upgrades. This would not have been possible to complete in house prior to the on-the-job training provided through the IHP program.

ACCOMMODATIONS FOR ADDITIONAL HIRING As discussed above, implementation of a full-scale IHP Construction Program would require hiring of a dedicated construction crew. The District contemplated five LTEs for this work; however, East Valley Water District, an agency about 3 times the size of the District, runs a successful crew with six team members. If the Board-selected option includes additional employee(s), staff will immediately begin recruiting for FTEs for the crew. This will necessitate additional accommodations, whether parking or locker room spaces. The FY 2025-26 budget as proposed includes provisions for designs for expanding the locker room to accommodate additional field crews. In addition, temporary, modular facilities will be considered for crew computer space so employees will have access to emails and on-line training locations. Doing so will also allow additional space in the large room for All-Hands meetings while allowing for expanding the women's restroom at Glenwood (which has recently expanded from 0 to 3 women), ADA conformance, and the addition of a shower.

STORAGE FOR PARTS AND EQUIPMENT It would be most appropriate to develop additional storage if a full-scale IHP were pursued. This would mitigate risk in terms of supply chain shocks while minimizing procurement time and allowing the District to capture economies

of scale with bulk purchases.¹ The District recently acquired facilities maintenance and development talent to supplement an effort to develop additional storage facilities.

INSURANCE REQUIREMENTS Staff has conducted diligence on insurance requirements such as workers' compensation, and there would be no additional requirements. Since the crews normally conduct the construction activities of excavating, operating construction equipment, and replacing assets below ground, there would no activities that would necessitate additional insurance.

TRAINING There are a few significantly larger agencies that have recently initiated their own in-house pipelines efforts – e.g. City of Riverside / East Valley Water District. In an effort to validate the reasonableness of the District's IHP pilot results and to ground truth future expectations and targets, staff has dialogued with the above-mentioned agencies over the last several months. City of Riverside made the case for constructing pipelines of 12-inch diameter and smaller with internal forces. They found contracting was 29% more expensive and in 2022-23, they were able to construct pipeline for approximately \$60/inch-diameter/Linear Foot. This is consistent with the range that CVWD has found for internal force costs. East Valley Water District has been running a full construction crew with six employees. Three senior team members remain on the crew, and three junior level staff rotate in and out to provide experience in various areas. Since construction may be hard on the body, rotating staff out allows for less intensive work as needed. Their team targets 10,000 feet (1.89 mi/year). If the Board directs staff to move forward with a full-scale IHP program, the crews and management will develop a working group with the two agencies to continue trading notes and training.

ADDITIONAL EFFICIENCIES AND PROCESS IMPROVEMENTS Staff believes there are substantially impactful efficiencies and process improvements to continue developing diligence for. A few examples include –

- a. *Permits* – As a “county” water district, the District is exempted by the State Water Code from county permit fees. Based on this and an initial evaluation by legal counsel, staff believes that there is a moderate possibility of waiving permit fees with Los Angeles County Public Works, which would lead to substantial additional savings.
- b. *Paving*² – The District already spends a considerable amount on paving. For example, \$200,000 is budgeted for paving for FY 2025-26, not including any IHP. Staff is looking into the net benefit of pursuing an in-house paving program in terms of cost and project time (traffic control, community impact, District branding). In addition, staff will thoroughly investigate utilizing paving materials that reduce heat impacts in the

¹ The rationale for bulk purchases and the associated need for storage should the District move forward with full-scale IHP was outlined in the May 2024 15-Month Vision Boarding document that was workshopped during a May 23, 2024 Board workshop.

² See Footnote 1

community. This will include acceptability by the jurisdiction responsible for roads and the cost of materials.

- c. *Pipeline material*³ – Staff has been conducting diligence on transitioning to a different pipeline material for both IHP and contracted work. While the materials is not more affordable than the concrete-lined steel pipe currently used, it is significantly lighter and safer, it may be significantly quicker to install (leading to cost savings), it is likely significantly beneficial in terms of seismic resilience, and it is produced domestically (more insulation from tariffs and supply chain shocks).
- d. *City of Glendale partnership* – Staff has recently initiated quarterly meetings with the City of Glendale to identify opportunities to synergize operations, including pipeline replacement.

NEXT STEPS

Many factors are out of CVWD’s control, including streets under moratoriums for excavation, weather and rain days, number of boulders encountered, tariffs, inflation, requirements imposed by the jurisdiction for permitting such as traffic detours and possible work hour restrictions.

District crews have developed considerable skills in construction and continually strive to improve. Several factors that can slow down the pace of work include unavailable rental equipment, internal CVWD equipment that is not properly functioning, staff being ill or injured, inclement weather, utility conflicts, other projects in the vicinity, permit delays, main breaks, among other things. The team has observed, weathered, and developed remediating plans for such factors. Staff has shown they can deliver six projects and can further improve efficiencies. With a ramp-up plan, staff is confident that modest improvements can be made each year to achieve 0.6 – 0.9 miles in FY 2025-26 then progress up to 1.8 miles per year in FY 2027-28. Two project designs are nearly ready to submit for permits. Additional projects are in the design phase, and staff can pivot if needed for street paving moratoriums, or other factors.

With the information known at this time, staff’s recommendation is that the Board direct staff to pursue the Ramp-Up Plan. This will allow staff to continue improving efficiencies, train new team members, and conduct an annual evaluation prior to the ramp-up in FY 2026-27 to assess the current economics of the approach and outside factors. This would allow for check-points before adding more staff.

Pending CVWD Board direction, staff will take steps, as necessary, to implement the selected approach, including the additional considerations detailed in the previous section.

³ See Footnote 1

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 2
July 8, 2025

To: Honorable President and Members of the Board of Directors
From: Arturo Montes – Interim Director of Finance and Administration
Subject: OPEB Liability Prefunding

ACTION ITEM:

Discussion and possible motion to approve a contribution to the District's CERBT Fund and related items.

BACKGROUND:

Other Post-Employment Benefits (OPEB) include non-pension retirement benefits, such as health, vision, dental, and life insurance. Historically, the District offered health coverage as the only post-employment benefit. The high costs of these plans and their associated OPEB liability on the District's balance sheet compromised the District's long-term ability to honor OPEB commitments that had been made for previous employees.

Because the cost of health coverage continues to grow, and with new employees continuously introduced to the OPEB plan, the liability was on track to continue swelling. To help address future liabilities, the District enrolled in the California Employers' Retiree Benefit Trust (CERBT), an IRS Section 115 tax-exempt trust administered by CalPERS. CERBT allows California public agencies to pre-fund OPEB liabilities and earn investment returns on those contributions. To further reduce future liability, in 2019, the Board took action to reduce this liability and eliminated OPEB for all new hires. Figure 1. above shows the future liability for all employees and retirees eligible for OPEB.

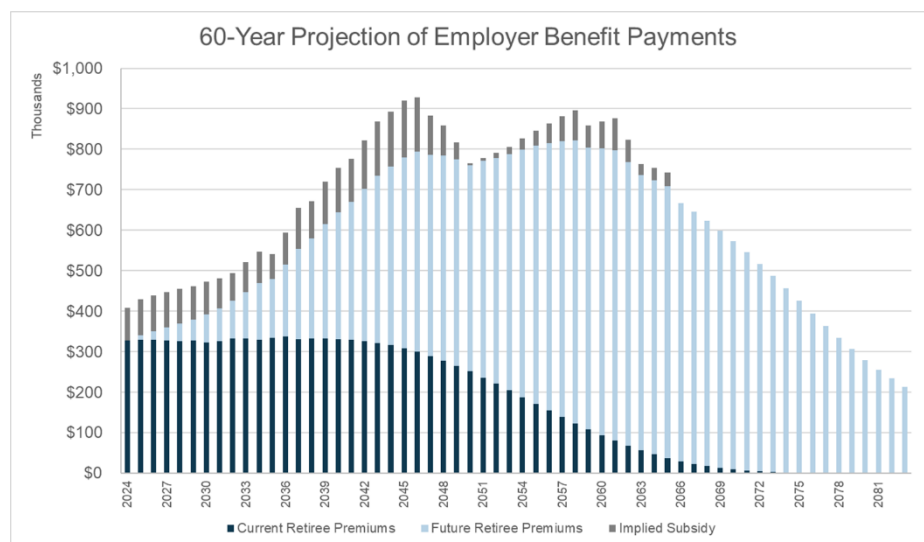


Figure 1. 60-Year Projection of Employer Benefit Payments

DISCUSSION:

The District utilizes Actuarial Consulting Group (ACG) to assess its OPEB liability based on key assumptions such as retirement age, life expectancy, healthcare cost trends, and inflation. As of June 30, 2023, the District's total OPEB liability was \$6.3M with a CERBT funded status of 12%.

The District is financially in a position to make a contribution to the CERBT Fund. For FY 2024-25, the District's revenues exceeded projections by approximately \$600K, and resulted in a significant increase

in reserves when coupled with lower-than-expected expenditures and deferred CIP. These favorable conditions provide flexibility should the Board authorize a contribution to CERBT.

Several factors should be considered when evaluating a contribution to CERBT:

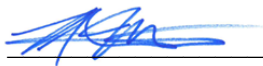
1. Long-Term Funding Strategy – Establishing a long-term funding strategy helps mitigate exposure to market volatility;
2. Cash Flow Availability – The District must ensure sufficient available resources to fund any contribution without impacting operations;
3. Rate of Return – The long-term expected rate of return for CERBT is currently at 6.40%, which may outperform other low-risk investments;
4. Opportunity Cost – Contributions must be weighed against other potential investments, such as pipeline CIP, that can pay a greater dividend by reducing exposure to construction inflation and increasing system reliability;
5. Alternative Investments – Evaluating alternative investments with a lower risk profile and increased liquidity; and
6. Health Coverage Inflation Vs. Consumer Price Index (CPI) – Historically, healthcare cost inflation has significantly outpaced the CPI, underscoring the importance of achieving higher investment returns even if it involves accepting a higher level of risk to keep up with future obligations.

The District may consider adopting a contribution approach based on defined financial triggers, such as unspent CIP budget or higher-than-projected increases in reserves. Alternatively, the District could develop a formal funding policy with a target funded status, a minimum annual contribution, and supplemental contributions when financial conditions permit.

RECOMMENDATION:

Discuss and consider any contributions to the CERBT Fund and/or provide direction to staff for next steps, such as developing a formal funding strategy.

Prepared and Submitted by:



Arturo Montes
Interim Director of Finance and Administration

Attachment: None

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 3
July 8, 2025

To: Honorable President and Members of the Board of Directors
From: James Lee – General Manager
Subject: Strategic Initiatives – Phase 2

ACTION ITEM:

Consideration and possible motion for the General Manager to award Phase 2 of an agreement to Bell Burnett & Associates to provide strategic initiatives guidance and implementation at a cost not to exceed \$85,000.

BACKGROUND:

The District developed its first Strategic Plan in 2020, followed by an update to that plan in 2022. The Board of Directors and management staff will shape the 2025 Strategic Plan in the Fall. In March 2025, the District hired Bell Burnett & Associates to assist in terms of capacity, perspective, and vision in terms of immediate objectives and long-term strategic planning.

Phase 1 of the effort, which spanned 90 days, included assistance with immediate objectives and perspective for long-term planning, and the following are a few examples –

1. Draft long-term strategies to serve as conversation starters during the strategic planning process for the Board to prioritize – e.g.:
 - a. Energy Management Strategy (*Draft – enclosed for reference as an example*)
 - b. Grant Management Strategy (*Draft*)
 - i. Federal Grant Management Policy (*Draft*)
2. Key operational support for the rate study process, including –
 - a. Rate study QA/QC
 - b. Public outreach, hearing, and 218 support and QA/QC
 - i. Billing system and billing format changes
3. Completed staff interviews to further inform –
 - a. Future strategic initiative for a Centralized Work Order System (also referred to as a Computerized Maintenance Management System, or “CMMS”)
 - i. Strategic planning
4. Development of AMI analytics dashboard
5. Provided key introductions for collaboration with and learning from other agencies and associations (e.g., Southern California Water Coalition, Government Artificial Intelligence Coalition)
6. External perspective for staff (upon completion of staff interviews) in the areas of –
 - a. Water resources (supply, planning, partnerships)
 - b. Grant planning
 - c. Finance / administration
 - d. Engineering planning

If approved, Phase 2 will be better informed, based on the operational assistance provided and staff interviews conducted in Phase 1. The following are a few examples of anticipated value added –

1. *Centralized work order system (CMMS)* – Assistance with scoping a roadmap toward a CMMS will comprise an appreciable portion of value add by BB&A. A primary bottleneck for most companies is the ability for the people, data, and systems to be speaking the same language and looking at the same information available at the same time. Though the District has come a long way in operational efficiencies and workforce culture, the District is no exception. What this looks like for the District, specifically is –
 - a. Paint point for personnel – When systems aren’t talking to each other, the “paper trail” of information gets cut off. Whereas in the past, a standard paper trail sufficed, with the pace of business today, it is impractical, for example, for a service order to be created in a system, printed out and walked over to another department, filled out paper, scanned, and emailed back to the originator. Things are not digitized, information is not tagged to appropriate places, and balls are dropped, leading to frustration and eroded workplace culture. Many entries from a number of recent anonymous employee surveys have underscored this dynamic.
 - b. Main hindrance to capturing full operational efficiencies – For parallel reasons to the above, a lack of a cohesive work order system means operational efficiencies cannot be fully captured. For example, a customer may initiate a water quality concern, which is addressed. If the subsequent summary of visit to the customer doesn’t have a channel to automatically be tagged to that customer (digitally), and the customer initiates another concern several years from now, the effort to respond will be inefficient in terms of cost, and the less timely response erodes the District’s brand.
 - c. Main hindrance to deploying transformational technology – A strategic plan goal that is realistic for pursuing today is using the combination of AMI, which the District recently implemented, with artificial intelligence, for early leak detection beyond what the best sound/radar technology today can offer. This can lead to untold amounts of cost savings. Without a centralized system, however, it is difficult or not possible to harness transformational technology such as this.

Many companies easily spend millions of dollars on the diligence required to transition toward a robust CMMS. Most companies don’t make the change because it is too expensive or too difficult, and they remain mired in a cycle of inefficiency and frustration.

The BB&A advisors are former professionals from two large and reputable water agencies who who have lived through the life cycle of scoping, decision-making, planning, implementation, and back-end trouble-shooting for CMMS systems. The District has an opportunity to take advantage of an extremely cost-effective and much more timely approach to this systemic challenge/opportunity.

2. *Resource to the Board* – BB&A can be a resource to the Board in several ways –
 - a. *Rules & Regulations / policies* – Over the last two years, the Board and staff have attempted to prioritize an update of the District’s Rules & Regulations, beginning with when Lagerof LLP served as District counsel. Due to other priorities and resource constraints, this effort still has a ways to go, and it is also a very high priority. Additionally, with operational, legal, and other changes over the last several decades, there is a need for new policies – e.g. a bill forgiveness policy now that AMI has been implemented. Assistance is needed with a gap analysis in terms of policies, in addition to perspective for developing the policies most appropriate to the District.
 - b. *Strategic planning* – The BB&A advisors have extensive operational and executive management and leadership background. And while District staff, including the General Manager, maintain extensive professional networks, the advisors have extensive networks of their own. Crowdsourcing their experience and networks can be a significant resource to the Board during the upcoming strategic planning process in Fall 2025.
3. *Additional strategic support priorities* – BB&A has initiated strategic support and continue that effort during Phase 2 in areas including, but not limited to –
 - a. *Energy Management Strategy*
 - b. *Grants Management Strategy*
 - c. *Water Resources Planning Strategy*
 - d. *CIP Planning Strategy*

The District’s recent strategic successes have elevated the District’s value provided to its customers. This has in turn elevated the District’s capabilities and influence and opened doors to further initiatives. However, staff is limited by capacity, and outside perspective provides a broader approach to identifying and pursuing strategic initiatives, both for the Board and staff. Staff believes that it would be considerably beneficial in the short and long terms to add outside capacity and perspective to identify and pursue further strategic initiatives as described above.

RECOMMENDATION:

Authorize the General Manager to award Phase 2 of an agreement to Bell Burnett & Associates to provide strategic initiatives guidance and implementation at a cost not to exceed \$85,000.

Prepared and Submitted by:



James Lee
General Manager

Attachment(s): Draft Energy Management Strategy

Crescenta Valley Water District

To: CVWD Management
From: Bell Burnett & Associates
Date: June 2025
RE: Draft Long-Term Energy Management Strategy

Purpose

The Crescenta Valley Water District (CVWD) Energy Management Strategy outlines a forward-looking framework to reduce operational energy costs, improve resilience, support environmental goals, and leverage available partnerships and financing tools. This strategy is designed for Board review and approval as a guiding document to inform capital investments, operational upgrades, and long-term planning.

Strategic Energy Vision

CVWD will proactively manage its energy use and infrastructure to:

- Reduce greenhouse gas emissions
- Enhance grid independence and resiliency
- Control long-term energy costs
- Leverage innovation and funding opportunities
- Support community sustainability goals

Key Strategic Components

A. Evaluation of Onsite Generation

Objective: Reduce reliance on utility-supplied electricity and increase energy resilience.

Actions:

- Conduct feasibility assessments for solar PV, battery storage, and energy demand management.
- Prioritize installations at high-load and critical infrastructure sites.
- Explore incentives such as net energy metering (NEM) and SGIP.
- Evaluate microgrid feasibility for emergency operations.

B. Energy Efficiency Improvements

Objective: Maximize operational efficiency and reduce energy waste.

Actions:

- Perform energy audits at major facilities and pump stations.
- Upgrade equipment with high-efficiency alternatives.
- Implement advanced SCADA and controls.
- Track KPIs such as energy per acre-foot and energy intensity.

C. Partnerships and Collaboration

Objective: Leverage external expertise and regional synergies.

Actions:

- Collaborate with local utilities and regional networks.
- Join incentive programs and shared resiliency initiatives.
- Coordinate energy resilience efforts with local governments.

D. Financing and Funding

Objective: Minimize ratepayer impacts and leverage external funding.

Actions:

- Apply for grants from CEC, DOE, FEMA, and others.
- Evaluate on-bill financing, ESPCs, and PPAs.
- Evaluate opportunities for Clean Energy Tax Incentives
- Incorporate energy priorities in CIP and asset plans.

Governance and Reporting

- Designate a Sustainability and Energy Coordinator or lead.
- Develop a measurable Energy Action Plan (e.g., 20% reduction by 2030).
- Integrate energy KPIs in quarterly performance discussions.
- Provide annual updates to the Board of Directors.

Long-Term Vision (2035 Goals)

- Generate 50% of electricity from onsite renewable sources.
- Achieve emergency islanding capabilities at critical sites.
- Reduce facility-wide energy intensity by 25%.
- Position CVWD as a regional leader in sustainable utility operations.

High-Level Implementation Timeline

FY 2025-2026

- - Complete energy audits of all major facilities
- - Conduct feasibility studies for solar and storage
- - Apply for first round of grant funding (CEC/SGIP)

FY 2026-2027

- - Install pilot solar + storage project
- - Implement first phase of energy efficiency upgrades
- - Join and engage in regional energy partnership programs

FY 2027-2028

- - Expand solar generation to additional facilities
- - Evaluate battery storage and microgrid deployment
- - Submit Clean Water SRF application for energy-related CIP

FY 2028-2030

- - Reach 25% energy use reduction goal
- - Deploy smart SCADA and remote energy controls
- - Continue phased implementation of onsite generation

CRESCENTA VALLEY WATER DISTRICT

BOARD OF DIRECTORS - STAFF REPORT

Action Item No. 4
July 8, 2025

To: Honorable President and Members of the Board of Directors
From: James Lee – General Manager
Subject: **Determination of District Representative(s) to Join a Proposed Working Group to Discuss Agency Consolidation**

ACTION ITEM:

Consideration and possible motion to determine District representative(s) to join a proposed working group to discuss agency consolidation.

BACKGROUND:

On June 5, 2025, the governing bodies of the Foothill Municipal Water District (FMWD) sub-agencies met for an open discussion on consolidation of agencies. The potential benefits, challenges, and questions were discussed, including whether to consolidate in part or as a whole, to consolidate in sequence, or to consolidate at all.

The FMWD Board has subsequently released communication, including an information packet from the discussion and a request for each sub-agency's governing body to determine one or two representatives to reconvene as a working group. The intent of the working group would be to decide on next steps or a process for further evaluating the potential benefits and challenges of consolidating some or all of the agencies.

The FMWD Board has requested that a response be forwarded by July 10, 2025.

RECOMMENDATION

Staff recommends that the Board discuss consideration for determining representative(s) of the District to join the proposed working group.

Prepared and Submitted by:



James Lee
General Manager

Attachment(s):

1. FMWD follow-up letter
2. Joint meeting discussion notes
3. Written communications
4. Public comment speaker cards
5. Santa Clarita Valley Water Agency presentation on the SCVWA consolidation experience
6. Meeting attendance list



FOOTHILL MUNICIPAL WATER DISTRICT

Altadena - La Cañada Flintridge - La Crescenta

June 12, 2025

Dear Directors & General Managers,

Thank you again for your attendance and participation in our joint water agency meeting last Thursday. We hope you found the evening informative and thought-provoking.

Attached, please find a draft copy of the minutes from the meeting, including notes taken during the open discussion on consolidation. They summarize the potential benefits, challenges, and questions you all identified. We have also included input on the subject received as written comments prior to the meeting. If there are any major points raised that we missed or mis-represented here, please let us know and we will incorporate them into the final minutes from the meeting.

Also attached are slides from GM Matt Stone's presentation. They are a good reminder of some of the challenges and benefits Santa Clarita Water District found in their recent consolidation.

As noted at the end of the meeting, FMWD recommends convening a working group made up of one or two representatives from each water agency, to decide on next steps, or a process for further evaluating the potential benefits and challenges of consolidating some or all of the attending water agencies. This could include defining the scope and method of collaborating in a consolidation study, with the intent of providing your agencies with the information they need to determine if consolidation is in the best interest of their customers, shareholders and community.

We know this is a lot to consider, so we have delayed the due date to July 10th to give your boards time to meet and discuss. We ask that you please reply to FMWD by July 10th with your interest, or not, in participating in this working group. If you have any thoughts or questions in the meantime, please reach out to General Manager Jazmadarian (nina.jaz@fmwd.com) or Director Colcord (mr.frank.colcord@gmail.com). Thank you again for your time and consideration, and we hope to hear from all of you soon.

Appreciatively,

A handwritten signature in black ink that reads "Richard Atwater".

Richard Atwater, President
Foothill Municipal Water District

Joint Special Meeting of:
Foothill Municipal Water District, Crescenta Valley Water District, La
Cañada Irrigation District, Liberty Utilities, Valley Water Company, Lincoln
Avenue Water Company, Las Flores Water Company, Rubio Cañon Land &
Water Association, and Kinneloa Irrigation District

Meeting Held at:
La Cañada Unified School District Board Room
4490 Cornishon Avenue
La Cañada Flintridge, CA 91011
June 5, 2025
6:30 PM

1. Call to Order and Determination of a Quorum

- President Atwater called the meeting to order at 6:30 pm.
- Attendance list is attached.

2. Pledge of Allegiance

3. Public Comments

Opportunity for members of the public to comment on any non-agenda item of public interest that is within the subject matter jurisdiction of any of the present public boards (as required by Gov. Code 54954.3(a)). Speakers may be limited to two minutes each at the discretion of the Chair of the meeting. There will be an opportunity for public comment on each agenda item which may be limited to 2 minutes per speaker. An individual cannot relinquish their speaking time to another speaker.

No non-agenda item public comments provided

4. Discussion Items

- 4.1. Discussion, Considering Water System Consolidation – Ed Means Facilitator**

Dir. Frank Colcord gave welcome address

Agency introductions provided by:

Dir. Richard Atwater, President FMWD

Dir. John Bednarski, President LFWC

Dir. John Clairday, President LAWC

Dir. Janet Fahey, President RCLAW

James Lee, GM CVWD

Tom Majich, GM KID

Justin Bailey, GM LCID

Santa Clarita Valley Water Agency Consolidation Experience – Matt Stone, GM SCVWA

Ed Means introduced Mr. Matt Stone, General Manager of Santa Clarita Valley Water, who gave an overview of his agency's experience with consolidation of several mutual water districts into one larger public entity.

Topics included:

1. Genesis of Merger – Lawsuit over water rights
2. Key Principles – Work together, leadership values, feasibility study
3. Lessons learned – Committed leaders, team effort, communication to shareholders, help from lobbyists

Other topics – legacy indebtedness & repayment, super majority voting, Federal & State grants availability, legal settlements etc.

Open Discussion with agency representatives facilitated by Ed Means, began 7:52 pm

Summary of comments provided:

Potential benefits of consolidation identified:

1. More robust, reliable system can be established with increased capacity to meet needs of area
2. A pathway to becoming a public agency, which can provide easier access to public funds, and ultimately to further public services beyond just water
3. Creates a larger rate-payer base, which can make for a more fiscally resilient organization in times of natural disaster.
4. Enables more competitive bid packages and contract terms.
5. Cost of larger projects (like disaster mitigation or water resource projects) benefit more people so the effective cost is reduced or effective.
6. Can create administrative and financial efficiencies that reduce costs.

7. Can create economies of scale across the organization with the possibility of lower rates for customers.
8. A larger, more specialized staff can be more resilient, provide better career opportunities for staff, and allow organization to pursue opportunities a smaller staff would have little time or expertise to complete
9. Improved bond rating for large CIP funding.
10. Easier for a larger organization to meet challenges of climate change.

Potential concerns and challenges identified:

1. Complexity of melding different governance structures.
2. Worry about the Mutuels, and their shareholders who have been affected by the fires and loss of homes.
3. Cost of making this happen (staff time, cost of consultants)
4. Complexity of fairly integrating rates for agencies with different water sources (some agencies produce all their water locally, while others rely entirely on expensive imported water)
5. Complexity of fairly integrating agencies with infrastructure of different ages and conditions
6. Worried about this being a very long, complicated process
7. Would need lots of data about each agency to really understand who we would be consolidating with, need to know what issues each agency is dealing with
8. Worry about being able to agree on customer/constituent issues & priorities
9. Worry about how current customers will retain a voice and be fairly represented in a new governance model.
10. Complexity of melding staff, that currently have different job descriptions, salaries, benefits, retirement (CalPERS), union status, etc.
11. Complexity of melding eight governing boards of directors into a manageable but fairly represented group.
12. Worried about losing the historical identities of existing agencies
13. Employees and staff are concerned about job layoffs.
14. Disparity in asset structure of individual agencies and maintenance of those assets
15. Responses to challenges may take longer
16. Isolation and lack of imported water facilities for Kinneloa an issue.
17. Kinneloa water quality is excellent. Concerned about lowering that quality.

Public comments began at 8:35 pm

Summary of public comments received

1. What happens to shareholders? – Precilla
2. Are there incentives from county/state/federal agencies to help with consolidations? Do they set up standards for upgrades of facilities etc.
3. Support for consolidation expressed by – James Lee, Patrick Atwater, Angela and others.
4. Power/political structure and moving Raymond Basin offices back to area expressed by Marietta Kruells
5. Comments submitted in writing attached.

Next Steps:

Director Colcord closed the meeting by recommending the convening of a working group made up of one or two representatives from each water agency. The working group would decide on next steps or a process for further evaluating the potential benefits and challenges of consolidating some or all of the attending water agencies. The working group could also define the scope and method of collaborating in a consolidation study, with the intent of providing your agencies with the information they need to determine if consolidation is in the best interest of their customers, shareholders and community.

Dir. Colcord requested each agency consider and reply to FMWD by July 1st with their organization's interest, or not, in participating in this working group.

5. Adjournment – meeting adjourned at 9:00 p.m.

From: Tom Majich <tm@arroyohill.com>
Sent: Thursday, June 5, 2025 3:29 PM
To: Michael Le <mle@fmwd.com>
Subject: Public Comment for 6/5/2025 Joint Special Meeting

My name is Tom Majich and I am a resident in the FMWD service area. Although presently employed by a Foothill member agency, I submit this comment on my own behalf and it does not express the views or opinions of my employer. As a 3rd generation resident, property owner, voter and former member of the Board of Directors of the Kinneloa Irrigation District (KID) I have two primary concerns with this consolidation concept specifically as it relates to the needs of my family and our future generations.

With respect to water quality and quantity, KID has historically subsisted on its groundwater and mountain spring sources, avoiding the need to import treated water from elsewhere. This is a source of pride for our community, not only in our success in sustainably managing our water resources but in being able to drink water of such high source quality that the State of California doesn't even require it to be treated beyond precautionary disinfection. Inclusion in a consolidated regional water agency with a large and mixed source portfolio may change not only the quality of the water we consume but could also expose us to rationing and other use restrictions put in place by the source water suppliers. This consolidation could put KID customers in a worse position with respect to accessing the quality and quantity of water we have now.

Secondly, KID is the only form of local government, aside from Los Angeles County in general, available to its customers to advocate on their behalf on issues beyond provision of water. Although water is the only service our local government was established to provide, by default it has found itself involved over the years in supporting a variety of quality of life concerns of its customers as well as advocating for public safety and emergency preparedness resources. Customers of the Altadena mutual water companies have the locally elected Altadena Town Council to represent and advocate for their community, Crescenta Valley Water District customers are represented similarly by their Crescenta Valley Town Council. Customers of Valley Water Company, La Canada Irrigation District and Liberty Utilities have elected representation at the City of La Canada Flintridge. If KID were to no longer exist as an independent local agency, the customers of Kinneloa lose their only truly local form of elected representative government.

I ask that all involved in evaluating this consolidation concept to consider all potential impacts to our communities and recognize what a significant change it could be to the way of life as we known it beyond just what name is on our water bill.

TOM L. MAJICH

T 626 833 0210

June 4, 2025

Dear Foothill Municipal Water District Board Members,

My name is Cheryl Clary and I am a retired Executive Director of Finance and Administration from the Irvine Ranch Water District (IRWD), a large water district in central Orange County, Ca. I live in La Canada and am a customer of the Valley Water Company.

To provide you with a bit of context, IRWD completed 5 consolidations of water districts over a span of approximately 20 years. All requests were initiated by the smaller water agency/ district (these were never hostile takeover situations) for a variety of reasons and all were successfully completed. The consolidations included two mutual water companies, one irrigation district, one county water district and one water district. The legal structures, the amount of ground water versus imported water and assets and liabilities brought into the transactions were all different. Their cost of service was therefore different, so they all had a different rate structure than IRWD. The end result, after completion of the consolidation, was that they were eventually transitioned into the IRWD rate structure, which was much lower, saving approximately at least 20 % for their customers.

I don't know whether consolidation among all our local water agencies makes sense, but I do believe it is prudent to at least explore the possibility, and we owe it to our customers and community. If initiated, I'm sure you are aware this would be a very long process and requires the approval of the Local Area Formation Commission (LAFCO). Consolidation of several water agencies will be complex and time consuming but I believe, if it makes sense, it is achievable.

Based on my experience with consolidations, I thought I might offer several reasons as to why I recommend that we at least initiate a study to explore the benefits of a possible consolidation:

1. Efficiencies and economy of scale- a larger consolidated entity could create efficiencies through economies of scale and mutual benefits from combined expertise and resources.
2. Affordability- Maintaining affordability for customers is one of the most critical objectives of a public agency. Customers should be provided with high quality water and sewer services in an efficient and cost-effective manner. The cost of water continues to increase and many of those costs are uncontrollable (e.g. the cost of imported water purchased from the Foothill Municipal Water District through

the Metropolitan Water District and power from So. Ca. Edison are two examples of uncontrollable costs). This will drive up the cost of water for all agencies. Local agencies also have fixed costs, including the costs of operating and maintaining the infrastructure. A larger joint agency would allow those fixed costs to be spread over a larger customer base.

3. Reliability and resilient water supply – Local agencies are responsible for ensuring that customers have access to reliable and safe drinking water. As regulations continue to grow in their volume and complexity, the ability of a small local agency to navigate and meet these changes can be challenging.
4. Upgrades to aging infrastructure- The infrastructure assets of our local agencies are aging. Planning for the long-term operational and financial stability of an agency is a critical responsibility for each agency. This would include anticipating the needs for replacing the assets and setting aside funds in advance of their replacement. This also helps avoid rate spikes. Small local agencies may not have accumulated sufficient reserves for future replacement. A larger consolidated agency with more resources might be in a better position to plan for improved long-term financial stability and ensure there are adequate reserves to upgrade the aging infrastructure when needed.
5. Conservation – The effects of climate change, including frequent periods of drought, bring increased regulations. As local water agencies encourage their customers to conserve water, this means less water sales and therefore less revenues for the local agency. Unless the rate structure of the local agency anticipates and plans for a decline in sales, there is the potential this would leave the agency with a shortfall of funds to pay bills. Rates structures are complex and require expertise generally found in a larger consolidated agency.
6. Emergency situations- The Altadena fire highlighted the impact of a small local agency having to deal with damage to their systems and loss of a significant portion of their customer base. I understand some required assistance with getting their systems back online and many will have to dig into reserves to pay bills and survive. Reserves may not be sufficient to survive the long road ahead of them. This can present challenges for a small agency. They may lack the expertise and financial resources to raise capital and federal/state/local funds may not be immediately available. Eventually, this could cause some to consider bankruptcy where the state could come in and force consolidation, giving the local agency less control over its' own destiny.

I believe we owe it to our local customers to consider all options and come together for the community we all love and share. Assuming we can get support among participants at the June 5th Joint Special Meeting, I am in support of initiating a process to begin exploring the potential benefits (and downsides) of a possible consolidation. I would be happy to have separate discussions with anyone on this topic as well. Thank you.

Respectfully submitted,

Cheryl Clary
clarycheryl@gmail.com
(818)679-2472

Name: VICTORIA KNAPP

Are you speaking about:

☐

Item not on the agenda

☐

Item 4.1 Consolidation

I WANT TO CLARIFY THAT NO ONE INDIVIDUAL SPEAKS ON BEHALF OF ALL OF ALTONA. EVEN AS THE CHAIR OF THE TOWN COUNCIL, I DO NOT SPEAK ON BEHALF OF ALL OF ALTONA. THAT SAID, ALTONA'S MUST BE AT THE FORE OF THIS CONVERSATION AS OUR LIVES AND HOMES & BUSINESSES WERE

Speakers may be limited to two minutes each at the discretion of the Chair of the meeting. There will be an opportunity for public comment on each agenda item which may be limited to 2 minutes per speaker. An individual cannot relinquish their speaking time to another speaker.

LOST, THUS WE ARE THE CATALYST FOR CHANGE.

Name: Sylvie Andrews
(818) 237-6066

SYLVIEHANDREWS@GMAIL.COM

Are you speaking about:

☐

Item not on the agenda

☒

Item 4.1 Consolidation

Can our "mutuals"
consolidate into
one bigger "mutual"
rather than a "public"?

Speakers may be limited to two minutes each at the discretion of the Chair of the meeting. There will be an opportunity for public comment on each agenda item which may be limited to 2 minutes per speaker. An individual cannot relinquish their speaking time to another speaker.

Name: David Haxton

Are you speaking about:

☐

Item not on the agenda

☒

Item 4.1 Consolidation

Speakers may be limited to two minutes each at the discretion of the Chair of the meeting. There will be an opportunity for public comment on each agenda item which may be limited to 2 minutes per speaker. An individual cannot relinquish their speaking time to another speaker.

Name: Cheryl Clary

Are you speaking about:

☐

Item not on the agenda

☒

Item 4.1 Consolidation

Speakers may be limited to two minutes each at the discretion of the Chair of the meeting. There will be an opportunity for public comment on each agenda item which may be limited to 2 minutes per speaker. An individual cannot relinquish their speaking time to another speaker.

Name: Angela Uriu

Are you speaking about:

☐

Item not on the agenda

☒

Item 4.1 Consolidation

Speakers may be limited to two minutes each at the discretion of the Chair of the meeting. There will be an opportunity for public comment on each agenda item which may be limited to 2 minutes per speaker. An individual cannot relinquish their speaking time to another speaker.

Name: Zane Calvin

Are you speaking about:

☐

Item not on the agenda

☒

Item 4.1 Consolidation

Speakers may be limited to two minutes each at the discretion of the Chair of the meeting. There will be an opportunity for public comment on each agenda item which may be limited to 2 minutes per speaker. An individual cannot relinquish their speaking time to another speaker.

Name: Patrick Afwater

Are you speaking about:

☐

Item not on the agenda

☒

Item 4.1 Consolidation

Speakers may be limited to two minutes each at the discretion of the Chair of the meeting. There will be an opportunity for public comment on each agenda item which may be limited to 2 minutes per speaker. An individual cannot relinquish their speaking time to another speaker.

Name: James Lee

Are you speaking about:

☐

Item not on the agenda

☒

Item 4.1 Consolidation

Speakers may be limited to two minutes each at the discretion of the Chair of the meeting. There will be an opportunity for public comment on each agenda item which may be limited to 2 minutes per speaker. An individual cannot relinquish their speaking time to another speaker.

Name: Priscilla Benson

Are you speaking about:

☐

Item not on the agenda

☒

Item 4.1 Consolidation

Speakers may be limited to two minutes each at the discretion of the Chair of the meeting. There will be an opportunity for public comment on each agenda item which may be limited to 2 minutes per speaker. An individual cannot relinquish their speaking time to another speaker.



June 5, 2025

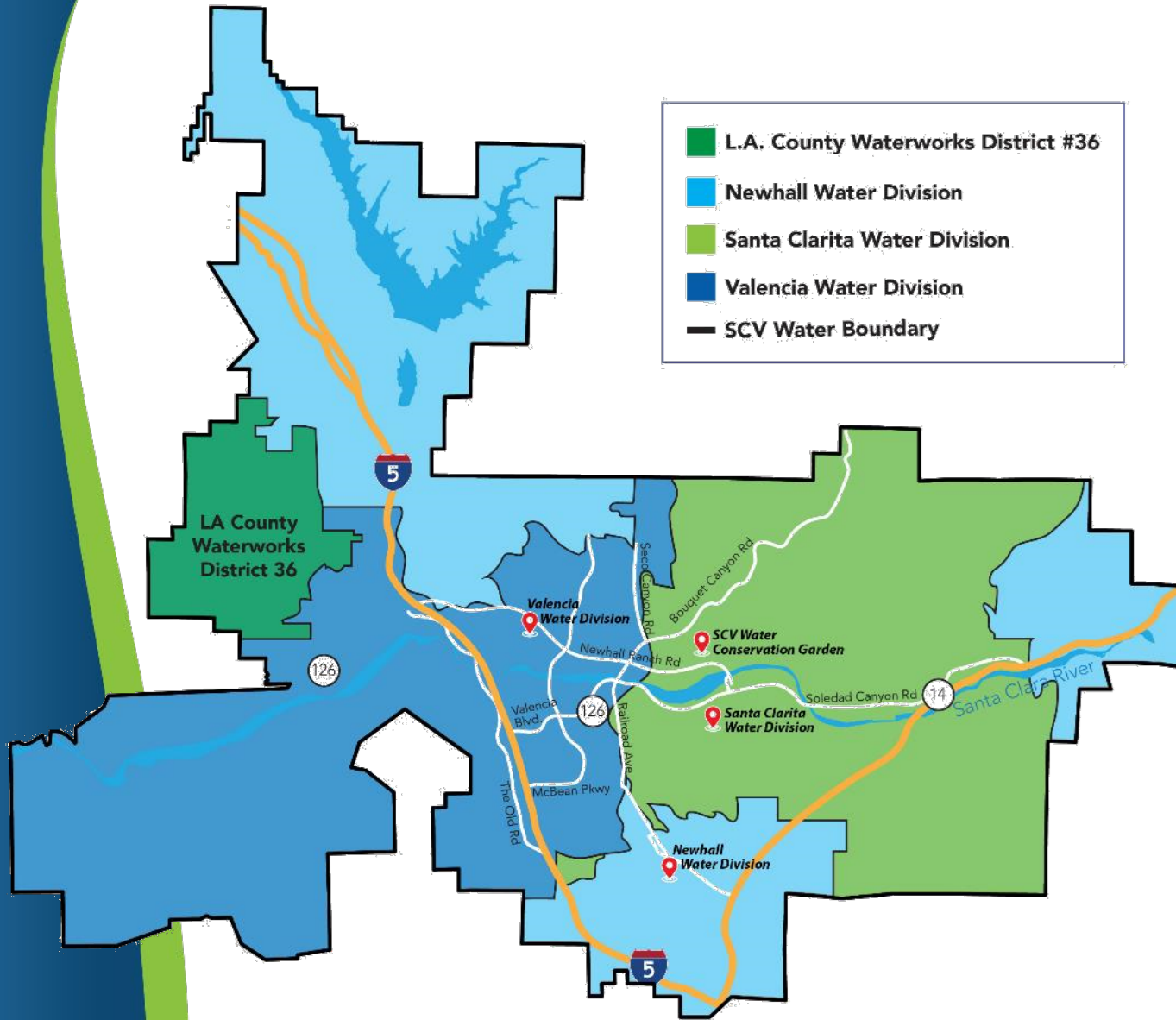
Santa Clarita Valley Water Agency

From conflict to consensus

Matt Stone, General Manager

Presented to
Foothill MWD and
Foothills Community Stakeholders

Who We Are (and were)



- CLWA+SCWD+NCWD+VWC
- 197 square miles
- 76,000 service connections
- 291,000 people
- Water Portfolio
 - Groundwater
 - State Water Project
 - Water Banking
 - Recycled Water



Roles Before the Merger

- **Castaic Lake Water Agency:** State Water Contractor, Regional Imported Water Wholesaler, Regional Water Planning (UWMP's), valley wide conservation programs, school program, lead litigant in groundwater contamination case in cooperation with retailers. 11 member Board, a mix of at-large, divisional, and one appointed seats.
- **Newhall County Water District:** Retail Water Purveyor. 10,000 service connections in several different locations. 5 member Board elected at large. Highest rates, low debt.
- **Santa Clarita Water Division:** Former developer owned PUC water company. 30,000 connections. Heirs sold it to CLWA in 1999, litigation, then legislation granted CLWA retail service rights. Operated as "SCWD Retail Division" and governed by CLWA Board.
- **Valencia Water Company:** Former developer owned PUC water company. 32,000 connections. CLWA bought all stock in 2012. As sole shareholder, appointed separate governing board. PUC opted to no longer regulate. Rates set with quasi 218 process to seek public input.



Why Combine?

- From litigation to compromise
- Unify and modernize water governance
- Gain efficiency in operations
- Scale to meet watershed wide opportunities and challenges



The Three E's



- **Economics (economies of scale)**
 - Unify retail services and integrate with wholesale/regional services
- **Efficiencies and effectiveness**
 - Eliminate redundancies
 - Reduce staff through attrition
- **Enhance water resource management**
 - One regional voice, one governing board, tackle bigger issues



The Roadmap

- **The Past:** Conflict, overtures, cooperation, missed opportunities, more conflict
- **2015:** Mediation, negotiation and visioning the future
- **2016:** Public input, technical studies and shaping the idea
- **2017:** Legislation to bring the vision into being
- **2018 and Beyond:** Integration of organizations, LAFCO Terms and Conditions Process, realization of our vision

Key Areas in Settlement Agreement

Principles of Moving Forward

- Take leadership role in creating long term integrated water resource strategy for Santa Clarita Valley
- Value an inclusive, open and transparent public process for water management
- Make ratepayer value and multiple stakeholder benefits a priority
- Listen to one another, work collaboratively, seek to understand varied opinions
- Identify important issues to prioritize and address

Deal Points

- Agree to seek legislation/LAFCO to achieve one consolidated entity with single Board
- Board elected by division. Transition plan from current to ultimate Board configuration
- Legacy indebtedness to be retired by respective system ratepayers
- Budget and rate setting process
- Supermajority vote for a few important issues for the first few years

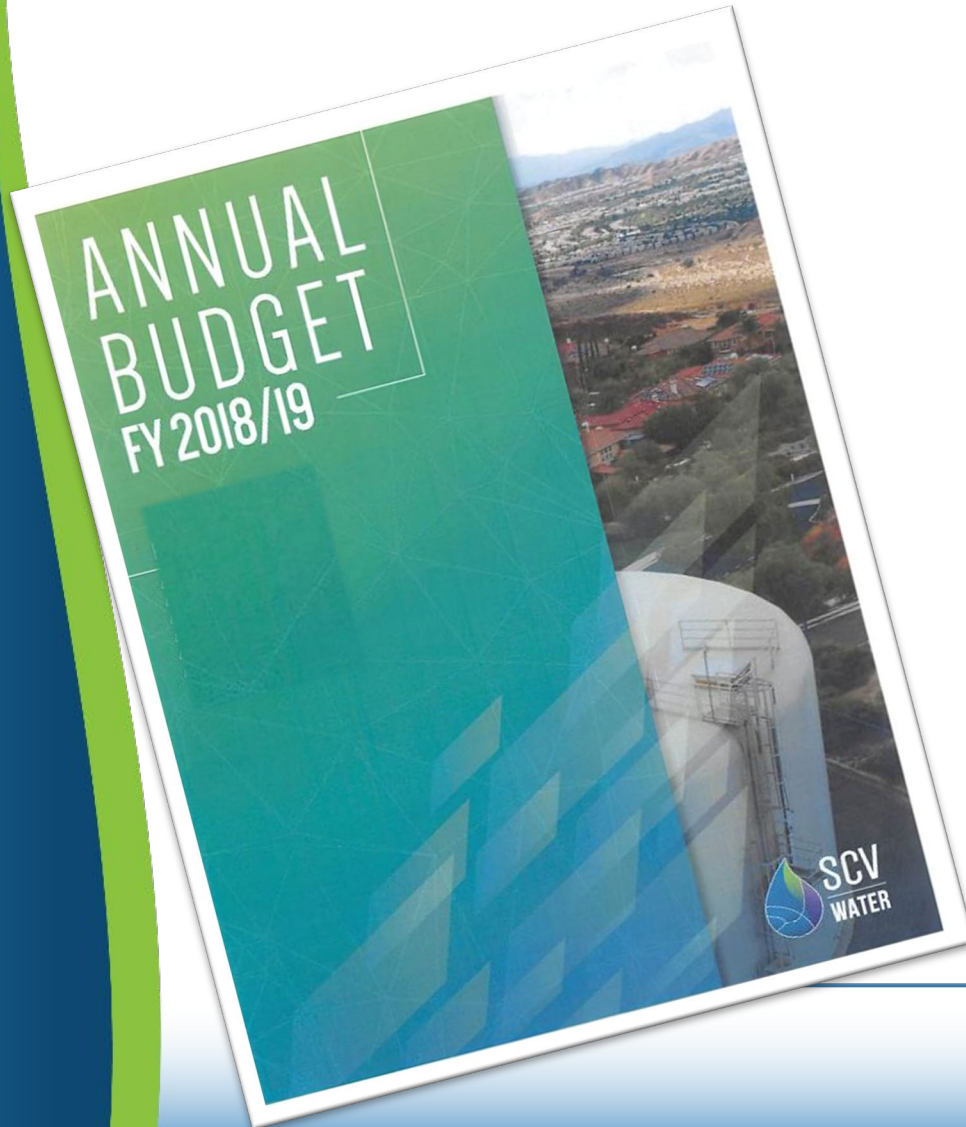


Outreach

- Nearly 30 public workshops, board and stakeholder meetings
- Hundreds of thousands of impressions through direct mail/social media/ad buys/press coverage



Financial Savings



- **\$13 million in first 3 years (was projected to happen in 10 yrs)**
 - **Salaries and benefits**
 - **Valencia taxes and dividends**
 - **Insurance**
 - **Elections**
 - **Advocacy, public relations, auditing contracts, etc.**



Highlights of First 100 Days

- **Board integration**

- From meeting dates to policies/procedures to a new mission and vision statement
- Board size - From 15 in 2018 gradually reduced to 9 by January 2023



Mission: Providing responsible water stewardship to ensure the Santa Clarita Valley has reliable supplies of high quality water at a reasonable cost.



Highlights of First 100 Days (cont.)



• Organizational Integrations

- Operations, processes, org chart, budget
- Policies – from sick leave to birthday recognition
- Unifying vision for staff –best in class modern utility.
- Staff-driven development of core values



Highlights of First 100 Days (cont.)

- **Customer-facing efforts**

- **Insure consistency across division in service and communications**
 - **Unified bill messaging/inserts**
 - **Standardized procedures (i.e., shut-off notices)**
- **Cost savings for stable water rates**
- **Ratepayer Advocate Function: By December 2018 (per SB 634)**



Beyond the First 100 Days

- Unified accounting and billing systems
- One budget and audit
- Uniform construction standards
- Single system operating permit
- System integration projects
- Effective PFAS response
- Drought Response
- Emergency planning and safety
- SGMA planning and compliance
- All systems on common GIS
- Improved Credit Rating
- Staff development and training
- Watershed engagement
- Strategic planning
- System assessment and master plan
- Grant funding (\$47M) and groundwater contamination legal cost recoveries (\$100M+)



Fulfillment of Watershed Role

- Outreach and exploration of partnership opportunities within watershed and with downstream parties – Water Agencies and NGO's
- Formation of Groundwater Sustainability Agency through Joint Powers Agreement
- Pursue recycled water vision with SCV Sanitation District and regulatory permitting agencies



Some Lessons Learned

- You need a **committed group of leaders** on the Boards. Identify who they are and set them up to be successful with support of the Boards and resources to get things done.
- It is a **team effort** and doesn't end on the "first day" of consolidation. That is just as important and requires a similar level of commitment and support.
- You cannot **communicate** too often – externally, but also internally.
- **Go big** (or go home). This is a once in a generation opportunity.
- **Persistence**. There will be hurdles and unexpected challenges. Keep moving forward as you address them.
- **Efficiencies (cost savings) are important**, but not the only worthy outcome. Higher service levels, resiliency, reliability, improved governance, and ability to address larger scale challenges in the watershed are also important.

Some Thoughts Going Forward

- A good question to ask “if we started over today with all the communities in place, what would be the best way to provide water service efficiently, cost effectively and reliably?”
- If we reorganize in some way, can we end up with a better overall result – more resilient, more fiscally viable, etc?
- Harder issues can often be negotiated and/or handled through a transition plan.
- Equity and fairness are important. But micro-equity can be an obstruction. Consider what that threshold is.
- A unifying vision is important for the governing bodies, the public and the staff of organizations.
- Local Control may not mean “no change”...it may mean change led locally.





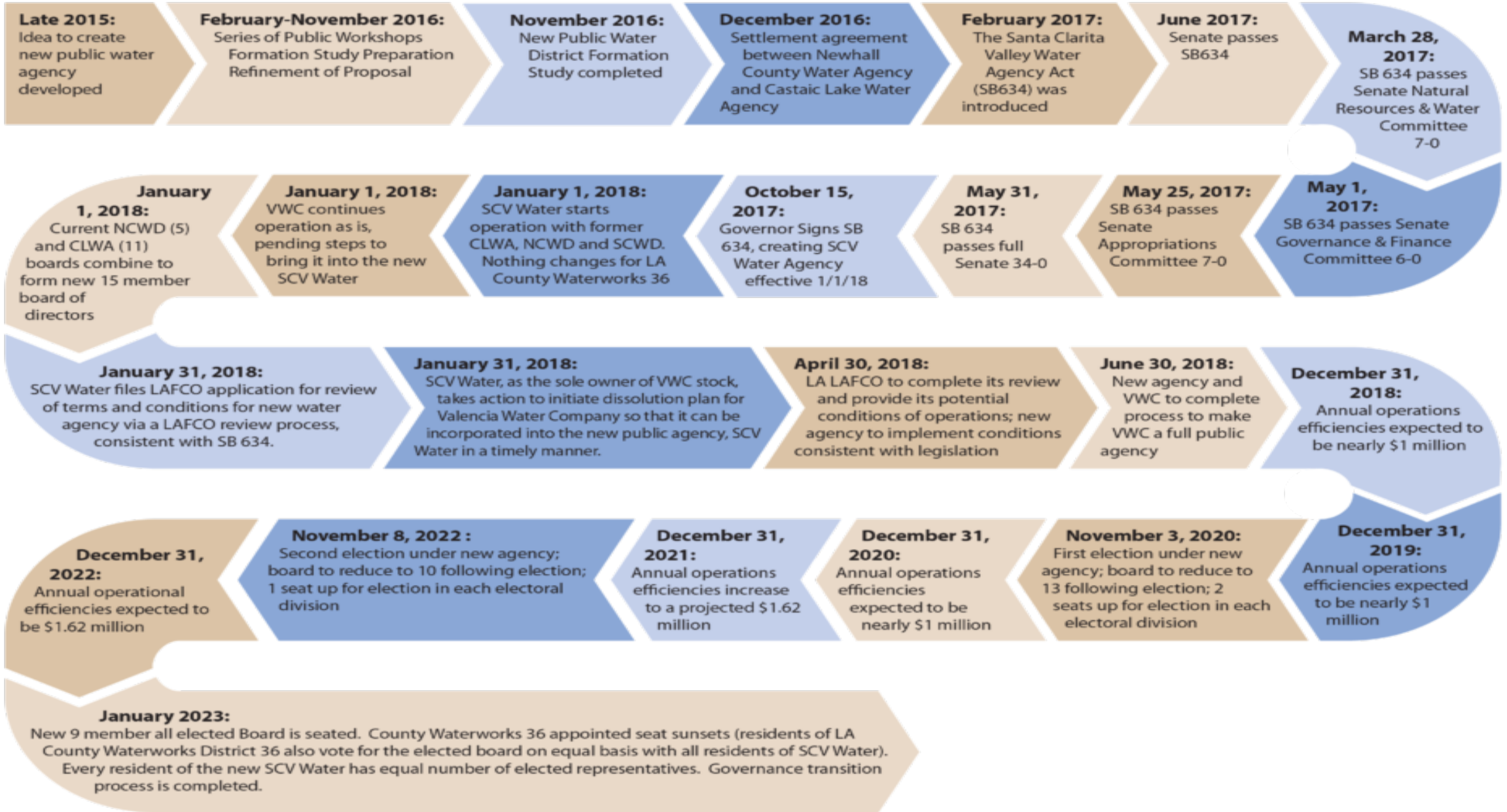
SCV
WATER

Questions?

Matt Stone,
General Manager
SCV Water
mstone@scvwa.org



June 5, 2025



Name of Attendant

Angie Uriu	Jennifer Torres	Michael Le
Anish Saraiya	Jennifer Valdez	Milissa Marcona
Baeri Penn	John Bednarski	Nina Jazmadarian
Cheryl Clary	John Clairday	Pat Anderson
Daniel Jordan	John Earnest	Patrick Atwater
Declan Floyd	John Felitone	Pricilla Benson
Diego Fernandez	John Matsumoto	Rhonda Penn
Dorothy Wong	John Vrsalovich	Richard Atwater
Eidon Horst	John Zoraster	Richard Meyers
Elisa Partika	Justin Bailey	Ru Jensen
Ernest Koeppen	Karina Cervantes	Ryan Guiboa
Felipe Calleges	Keith Eich	S. Kreuzberger
Garry Bryant	Kelly Gardner	Sylvie Andrews
Gordon Johnson	Kerry Erickson	Tom Majich
Ivy Goring	LaDrena Dansby	Vickie Thompson
James Bodar	Larry Duncan	Victoria Knapp
James Lee	Leslie Lowes	William Kimberling
Janet Fahey	Marietta Kruells	Zaire Calvin
Jay Bobnes	Matt Stone	
Jeffery Johnson	Meena Iyer	

**TOUR OF THE WORLD
RENOWNED SEISMO LAB**



Women in Water San Gabriel Valley



**FACILITATED NETWORKING BY JENNIFER
CAPITOLO, EXECUTIVE DIRECTOR OF
CALIFORNIA WATER ASSOCIATION**



**ATTENDEES ENGAGED IN
A NETWORKING ACTIVITY**



**IN THE PICTURE, FROM LEFT TO RIGHT ARE: TESSA
ALLMON, CHRISTINA KOPELMAN, DARLENE TELLES,
ANN MOTRUNICH, JENNIFER CAPITOLO, LILIT
DANELYAN, ARMINE SARGSYAN, CARLA DILLON**



Notice of Public Hearing

This is a notice that the District will consider the continuation of the capital charge on the county tax roll approved in 2023. A report containing a description of each parcel receiving water service and the amount of the charge for each parcel for the fiscal year 2025-26 is available for inspection at the District office and on the District's website at www.cvwd.com/property-tax-roll-information.

If you would like to transfer the capital charge to your utility bill, please contact us or visit our website to complete the required form. Forms must be submitted by July 15, 2025. If a form was submitted last year, it will remain in effect.

A public hearing will be held on:

TUESDAY,

**JULY 22, 2025
6:00 P M**

at CVWD Board Room
2700 Foothill Blvd
La Crescenta, CA 91214

You may file a written protest at or before the hearing.

Contact us at (818) 248-3925 or feedback@cvwd.com with questions, comments, or concerns.

State is Searching for More Water

By CV Weekly on July 3, 2025 · 0 Comments



Antiquated water rights prevent local agencies from capturing storm water that otherwise goes out to sea.

File photo

By Mary O'KEEFE

Recently Governor Gavin Newsom sent out a press release concerning groundwater and the water needs of the State of California.

“California’s water system remains unprepared for the hotter and drier future,” according to a statement from the Governor’s office.

A recent report showed that the state is collecting more groundwater than ever before and is strengthening partnerships with water agencies to ensure that more groundwater is collected, according to the statement.

Crescenta Valley has quite a history with groundwater as levels declined from nearly plentiful to low.

CVW reached out to the Governor’s office and the California Dept. of Water Resources to ask questions about groundwater and what the future may hold for local communities. Below are the questions and answers from the California Dept. of Water.

1. *How much more groundwater does the state need to serve communities?*

Across the state, 85% of Californians depend on groundwater for some portion of their water needs with groundwater also acting as a buffer and supplying up to 60% of the state’s water supply during drought years.

2. *Is there anything the public can do to help with data collection?*

We encourage the public to engage with their local water management agencies to learn more about the groundwater conditions in their region as well as use tools like CA Groundwater Live (<https://sgma.water.ca.gov/CalGWLlive/>). Residents who rely on wells are strongly encouraged to report when their well goes dry to

<https://mydrywell.water.ca.gov/report/> to help inform state and local agencies.

3. *Will the Governor be reaching out to the public, including the scientific community like those at JPL, to find new inventive ways to collect groundwater?*

California is currently collecting more groundwater data than ever before thanks to new partnerships and technology. We will continue to seek out partnerships and information to support comprehensive data collection.

When asked about groundwater collections specifically in Crescenta Valley CVW was referred to the Upper Los Angeles River Area Watermaster, whose office stated it would not be able to answer the question concerning the Crescenta Valley. The question was simple: Will the Governor, or other state offices, be looking at water rights ordinances that tie the hands of many smaller communities?

This question was inspired by the long proposed project by Crescenta Valley Water District concerning the Dunsmore Watershed/Verdugo Wash that runs through Crescenta Valley Park. During rainstorms the wash rushes with water. CVWD had proposed to put a pipe into the wash that would redirect the water to replenish the groundwater in the area. This seemed like a sensible proposal since that water currently runs to the LA River and then out to sea; however, due to LA water rights this water belongs to Los Angeles. There does not appear to be any plans by LA for water reclamation or storage facility for this water's path.

The City of Los Angeles Dept. of Water and Power (LADWP) is responsible for managing the City's water rights under the Los Angeles City Charter. Section 673(a) of the City Charter states, "The City shall not sell, lease or otherwise dispose of the City's rights in the waters of the Los Angeles River, in whole or in part."

Sections 673(c) and 677(b), however, allow the City "to enter into contracts with any public agency for the exchange of water as long as the water exchanged is replaced in full to the City within a reasonable period set by the board."

“In other words, LADWP cannot allow Crescenta Valley Water District to use the City’s water rights, but can exchange water with Crescenta Valley,” according to an email response from LADWP in an earlier interview with CVW.

The question still remains and is not complicated: if the state needs to find more ways to collect groundwater will it look at antiquated water rights ordinances as a partial solution?



State is Searching for More Water added by CV Weekly on July 3, 2025

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Start the discussion...

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OR SIGN UP WITH DISQUS 

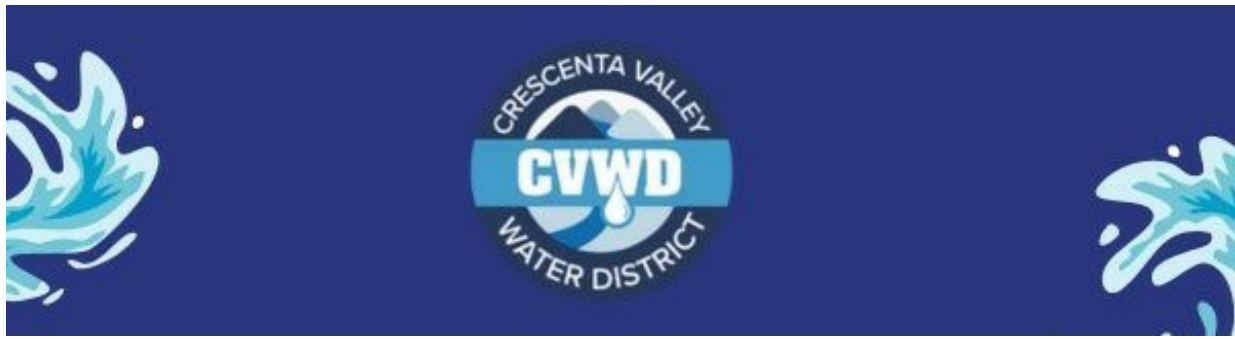
Name



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Best Newest Oldest

Be the first to comment.



Dear Valued Customer,

Crescenta Valley Water District is pleased to present our 2024 Annual Water Quality Report as required by the Safe Drinking Water Act. This report provides a snapshot of where your water comes from, what it contains, and how it compares to standards set by regulatory agencies.

Water quality remains at the heart of everything we do. Every year, our dedicated, certified water quality professionals rigorously test water for several hundred chemical compounds at multiple points in the distribution system, as well as in our treatment plants, watersheds and reservoirs. And as regulations evolve, we are staying ahead by adopting the newest technologies while preserving cost effectiveness by pursuing and securing external funding.

We are securing a sustainable water future for generations to come. Thank you for your continued trust and partnership as we work together to protect and sustain our most vital resource. It is an honor to serve you, and on behalf of the entire staff, thank you for partnering with us to protect and preserve our local water resources.

Crescenta Valley Water District's 2024 Annual Water Quality Report will be available online on July 1, 2025.

Please visit www.cvwd.com/water-quality-reports to view the report. Printed copies will be available at the CVWD office. For questions, contact Customer Service at (818) 248-3925.

Respectfully,

James Lee
General Manager



CVWD ANNUAL WATER QUALITY REPORT 2024



Available online

July 1, 2025

www.cvwd.com/water-quality-reports

Printed copies available at the CVWD Office



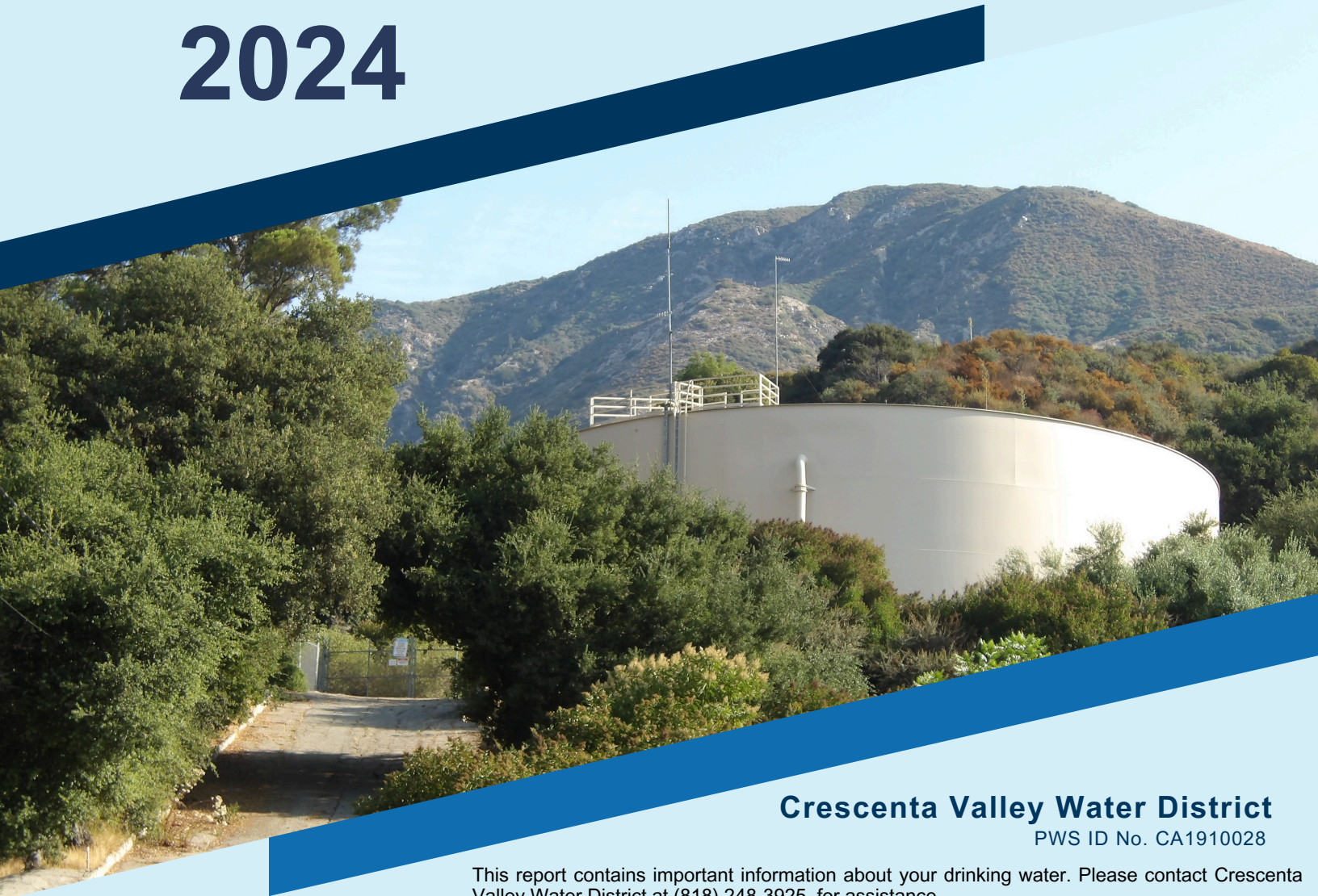
Crescenta Valley Water District | 2700 Foothill Blvd | La Crescenta , CA 91214 US

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ANNUAL WATER QUALITY REPORT 2024



Crescenta Valley Water District

PWS ID No. CA1910028

This report contains important information about your drinking water. Please contact Crescenta Valley Water District at (818) 248-3925, for assistance.

Այս զեկույցը պարունակում է կարևոր տեղեկություններ ձեր խմելու ջրի մասին: Խնդրում ենք դիմել Crescenta Valley Water District ջրի համակարգի հասցեով կամ հեռախոսահամարով, (818) 248-3925, հայերենով օգնություն ստանալ համար:

Este informe contiene información muy importante sobre su agua para beber. Favor de comunicarse Crescenta Valley Water District a (818) 248-3925 para asistirlo en español.

이 보고서는 당신의 식수에 관한 중요한 정보를 포함하고 있습니다. 한국어로 된 도움을 원하시면 Crescenta Valley Water District, (818) 248-3925, 로 문의 하시기 바랍니다.

OUR COMMITMENT

We are pleased to share this year's Consumer Confidence Report, a snapshot of your drinking water quality in 2024. It includes testing results from January 1 through December 31, information on your water source, and how it compares to standards set by state and federal agencies. Our goal is to provide safe, reliable drinking water. We conduct regular monitoring to ensure compliance with regulations from the U.S. EPA and the State Water Board's Division of Drinking Water. We're committed to transparency and to keeping you informed about the steps we take to treat and protect your water, improve processes, and safeguard local sources every day.

OUR MISSION

To provide quality water and wastewater services to the Crescenta Valley community through reliable operations, responsive service, and responsible financial management.

OUR VISION

To secure sustainable water resources, maintain resilient infrastructure, and lead with transparency, accountability, and cost-effectiveness in everything we do.

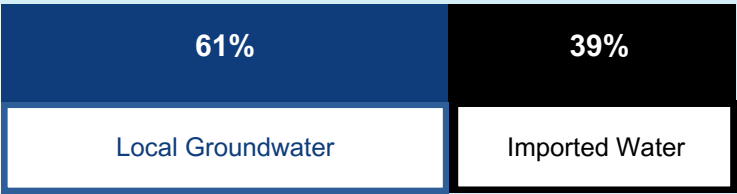
YOUR AGENCY AT A GLANCE

CVWD provides water and wastewater services to approximately 36,000 customers through 8,600 connections. Since 1950, the District has served the communities of La Crescenta, Montrose, and portions of Glendale and La Cañada Flintridge.

CVWD maintains 96 miles of pipeline, 12 groundwater wells, 17 reservoirs with a total storage capacity of 17.5 million gallons, 34 booster pumps, and 740 fire hydrants. To ensure a dependable water supply for both everyday needs and emergencies, the District also operates emergency interconnections with neighboring water agencies, including the City of Glendale and the Los Angeles Department of Water and Power (LADWP).

OUR WATER SOURCES

Crescenta Valley Water District (CVWD) receives water from two sources: local groundwater and imported surface water. In 2024, approximately **61%** of CVWD's water came from wells in the Verdugo Basin, located about 200 feet below the surface near Verdugo Wash. The remaining **39%** was imported from Foothill Municipal Water District (FMWD), a member agency of Metropolitan Water District of Southern California (MWD).



MWD supplies surface water from two major systems: the State Water Project, which delivers water 444 miles from Lake Oroville, and the Colorado River Aqueduct, which carries water 242 miles from Lake Havasu to Riverside County.



PUBLIC MEETINGS

The Crescenta Valley Water District (CVWD) is governed by a five-member Board of Directors elected at large, who meets on the second and fourth Tuesday of each month at 7:00 PM. Public participation is welcomed and encouraged. For details about board meetings and upcoming events, please visit www.cvwd.com.

QUESTIONS

For more information about this report or any questions regarding your drinking water, please contact CVWD's Water Quality Specialist, Jennifer Bautista, at (818) 248-3925 or email at jbautista@cvwd.com.



SUBSTANCES THAT COULD BE IN WATER

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants, such as salts and metals, that can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides, that may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, that are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.
- Radioactive contaminants, that can be naturally-occurring or be the result of oil and gas production and mining activities.



SOURCE WATER ASSESSMENT

Groundwater in the Verdugo Basin had a history of tetrachloroethylene (PCE) contamination, linked to past dry cleaning and auto shop activities. CVWD and the U.S. EPA first detected elevated levels in the 1980s. After CVWD installed a sewer system to replace septic systems, PCE levels declined significantly. By 1998, the U.S. EPA determined that concentrations were below the maximum contaminant level (MCL), and no further cleanup action was required.

Today, all PCE test results remain below 5 micrograms per liter (µg/L), meeting state and federal safety standards. To ensure high water quality, CVWD blends water from select wells with imported water from a Metropolitan Water District (MWD) connection at the Paschall blending station.

The Verdugo Basin is considered most vulnerable to historic solvent plumes, aging sewer infrastructure, and nearby landfills.

A copy of the completed source water assessment report may be viewed at the SWRCB, Division of Drinking Water, 500 North Central Avenue, Suite 500, Glendale. You may request a summary of the assessment by contacting Julia Kim, District Engineer, at Julia.Kim@Waterboards.ca.gov.

WHY ARE THERE WHITE SPOTS ON MY DISHES?

White spots or residue on dishes, glassware, and plumbing fixtures are a common concern. These are caused by hard water, which contains naturally occurring minerals like calcium and magnesium. As water evaporates, these minerals remain and leave visible deposits. Water hardness is not a health concern and is common throughout California. In 2024, CVWD's water hardness ranged from 130 to 390 mg/L, with an average of 341 mg/L, classified as hard. If you're considering a water softening system, we recommend consulting a licensed plumber or water treatment professional.

REGULATION OF DRINKING WATER AND BOTTLED WATER QUALITY

In order to ensure that tap water is safe to drink, the U.S. EPA and the State Board prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. The U.S. Food and Drug Administration regulations and California law also establish limits for contaminants in bottled water that provide the same protection for public health.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the U.S. EPA's Safe Drinking Water Hotline (1-800-426-4791).

TREATMENT

CVWD collects over 1,700 water quality samples each year to monitor minerals, metals, organic chemicals, and bacteria, as required by the State Water Resources Control Board. Daily, weekly, and monthly sampling ensures safe levels of bacteria, nitrates, and total trihalomethanes (TTHMs) in the system. Lead and copper are tested from selected household taps.

Our groundwater is disinfected with chlorine before being blended with imported surface water from Metropolitan Water District (MWD), which performs its own water quality testing. Some local groundwater contains nitrates—likely from historic agriculture and septic systems—which CVWD reduces through treatment at the Glenwood facility. Any remaining nitrate levels are lowered by blending with imported water. The exact mix of groundwater and imported water delivered to your home depends on your location and the time of year.

IMPORTANT HEALTH INFORMATION

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from

infections. These people should seek advice about drinking water from their health care providers. U.S. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

LEAD IN HOME PLUMBING

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. CVWD is responsible for providing high quality drinking water but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline (1-800-426-4791) or at <http://www.epa.gov/lead>.

CVWD conducted a lead service line inventory in 2024 and the results are available on CVWD's website at <https://www.cvwd.com/lead-service-line-inspections>.



TEST RESULTS

CVWD regularly monitors your drinking water on a strict schedule to ensure it meets all state and federal health standards. This report includes only the substances that were actually detected in the water. Detecting a substance doesn't mean the water is unsafe—our goal is to keep all levels well below the maximum limits allowed by law.

Some substances are tested less often if their levels don't usually change. When that happens, we show the most recent test results and the year they were collected.

CVWD also participated in the U.S. EPA's Unregulated Contaminant Monitoring Rule (UCMR5), which involves testing for potential new contaminants in drinking water. This program helps the EPA determine whether new regulations are needed to protect public health. Results from these tests are available upon request. For more information, contact us or call the Safe Drinking Water Hotline at (800) 426-4791.

All results are from source water samples unless otherwise noted.

REGULATED SUBSTANCES

				Crescenta Valley Water District		Metropolitan Water District's F. E. Weymouth Plant			
Substance (Unit of Measure)	Year Sampled	MCL [MRDL]	PHG (MCLG) [MRDLG]	Amount Detected	Range Low-High	Amount Detected	Range Low-High	Violation	Typical Source
Aluminum (ppm)	2024	1	0.6	ND	ND - 0.052	0.093 ¹	ND - 0.15	No	Erosion of natural deposits; residue from surface water treatment
Arsenic (ppb)	2024	10	0.004	0.1	ND - 4.7	ND	NA	No	Erosion of natural deposits; runoff from orchards; glass and electronics waste
Barium (ppm)	2024	1	2	0.1	ND - 0.14	0.124	0.124	No	Discharge of oil drilling waste and metal refineries; erosion of natural deposits
Bromate (ppb)	2024	10	0.1	NA	NA	2	ND - 9.2	No	By-product of drinking water disinfection
Control of DBP precursors [TOC] (Units)	2024	TT	NA	NA	NA	2.4	2.1 - 2.6	No	Various natural and human-made sources
Fluoride (ppm)	2024	2	1	0.22 ³	0.13 - 0.29 ³	0.7 ⁴	0.3 - 0.8 ⁴	No	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories
Gross Alpha Particle Activity (pCi/L)	2020	15	(0)	3.9	2.4 - 7.5	ND ⁵	NA	No	Erosion of natural deposits
Gross Beta Particle Activity (pCi/L)	2021	50	(0)	NA	NA	ND ⁶	ND - 5 ⁶	No	Decay of natural and human-made deposits
HAA5 [Sum of 5 Haloacetic Acids] - Stage 2 (ppb)	2024	60	NA	14.5 ⁷	8.3 - 20.0 ⁷	6.2 ⁸	ND - 4.2 ⁸	No	By-product of drinking water disinfection
Hexavalent Chromium (ppb)	2024	10 ¹⁰	0.02	0.54	ND - 1.20	ND	NA	No	Discharge from electroplating factories, leather tanneries, wood preservation, chemical synthesis, refractory production, and textile manufacturing facilities; erosion of natural deposits
Nitrate [as N] (ppm)	2024	10	10	5.1 ¹¹	3.6 - 6.9 ¹¹	ND	ND	No	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Radium 228 (pCi/L)	2024	NA	0.019	NA	NA	ND ⁵	NA	No	Erosion of natural deposits
TTHMs [Total Trihalomethanes] - Stage 2 (ppb)	2024	80	NA	46 ⁷	10 - 66 ⁷	32 ¹²	28 - 37 ¹²	No	By-product of drinking water disinfection
Tetrachloroethylene [PCE] (ppb)	2024	5	0.06	0.56 ¹¹	ND - 1.9 ¹¹	ND	NA	No	Discharge from factories, dry cleaners, and auto shops (metal degreaser)
Turbidity ¹³ (NTU)	2024	TT	NA	0.07	ND - 3.10	100	0.06-100	No	Soil runoff
Uranium (pCi/L)	2023	20	0.43	NA	NA	ND ^{2,6}	ND - 3 ^{2,6}	No	Erosion of natural deposits

Tap water samples were collected for lead and copper analyses from sample sites throughout the community

Substance (Unit of Measure)	Year Sampled	AL	PHG (MCLG)	Amount Detected (90th %ile)	Sites Above AL/Total Sites	Violation	Typical Source
Copper (ppb)	2023	1300	300	480	0/35	No	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (ppb)	2023	15	0.2	0.56	0/35	No	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits

NITRATE

Nitrate in drinking water at levels above 10 mg/L is a health risk for infants of less than six months of age. Such nitrate levels in drinking water can interfere with the capacity of the infant's blood to carry oxygen, resulting in a serious illness; symptoms include shortness of breath and blueness of the skin. Nitrate levels above 10 mg/L may also affect the ability of the blood to carry oxygen in other individuals, such as pregnant women and those with certain specific enzyme deficiencies. If you are caring for an infant, or you are pregnant, you should ask advice from your health care provider.

All results are from source water samples unless otherwise noted.

SECONDARY SUBSTANCES

				Crescenta Valley Water District		Metropolitan Water District's F. E. Weymouth Plant			
Substance (Unit of Measure)	Year Sampled	MCL [MRDL]	PHG (MCLG) [MRDLG]	Amount Detected	Range Low-High	Amount Detected	Range Low-High	Violation	Typical Source
Aluminum (ppb)	2024	200	600	ND	ND - 52	93 ¹	ND - 150 ¹	No	Erosion of natural deposits; residual from some surface water treatment processes
Chloride (ppm)	2024	500	NA	89	5 - 140	106	96 - 116	No	Runoff/leaching from natural deposits; seawater influence
Color (Color Units)	2024	15	NA	5 ¹¹	5 - 10	1	1	No	Naturally occurring organic materials
Copper (ppm)	2024	1	0.3	0.19	ND - 19	ND	NA	No	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Corrosivity (as Aggressiveness Index)	2024	Noncorrosive	NS	NA	NA	12.5 ¹⁴	12.4 - 12.6 ¹⁴	No	Natural or industrially influenced balance of hydrogen, carbon, and oxygen affected by temperature and other factors
Iron (ppb)	2024	300	NA	2.71	ND - 380	ND	NA	No	Leaching from natural deposits; industrial wastes
Odor - Threshold (T.O.N.)	2024	3	NA	1 ¹¹	ND - 3	ND	ND	No	Naturally occurring organic materials
Specific Conductance (µS/cm)	2024	1600	NA	829	330 - 1000	996	912 - 1,080	No	Substances that form ions when in water; seawater influence
Sulfate (ppm)	2024	500	NA	125	31 - 150	225	200 - 250	No	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (ppm)	2024	1000	NA	546	210 - 680	632	573 - 690	No	Runoff/leaching from natural deposits
Turbidity (NTU)	2024	5	NA	0.18 ¹¹	0.07 - 0.51	ND	NA	No	Soil runoff

UNREGULATED SUBSTANCES ¹⁶

		Crescenta Valley Water District		Metropolitan Water District's F. E. Weymouth Plant					
Substance (Unit of Measure)	Year Sampled	Amount Detected	Range Low-High	Amount Detected	Range Low-High	Violation	Typical Source		
Alkalinity (ppm)	2024	158	120 - 200	118	109 - 127	No	Naturally occurring		
Bicarbonate (ppm)	2024	158	120 - 200	NA	NA	No	Naturally occurring		
Boron (ppb)	2024	0.2	ND - 120	140	140	No	Runoff/leaching from natural deposits; industrial wastes		
Calcium (ppm)	2024	84	33 - 94	68	59 - 76	No	Naturally occurring		
Chlorate (ppb)	2024	NA	NA	80	80	No	By-product of drinking water chlorination; industrial processes		
Hardness as CaCO3 (ppm) ¹⁶	2024	341	130 - 390	272	241 - 303	No	Leaching from natural deposits		
Magnesium (ppm)	2024	32	11 - 37	26	23 - 29	No	Naturally occurring		
pH (units)	2024	7.5 ¹¹	7.0 - 8.1 ¹¹	8.2	8.2	No	Naturally occurring		
Potassium (ppm)	2024	3.4	2.6 - 4.1	5	4.6 - 5.4	No	Naturally occurring		
Sodium (ppm)	2024	38	16 - 48	105	93 - 117	No	Runoff/leaching from natural deposits; seawater influence		
Vanadium (ppb)	2024	4.1	ND - 5.2	ND	3.4-3.4	No	Naturally occurring; industrial waste discharge		

Substance (Unit of Measure)	Year Sampled	MCL [MRDL]	NL	PHG	DLR	Amount Detected ¹⁷	Range Low-High	Violation	Typical Source
Perfluorobutanoic acid (PFBA) (ppt)	2024				5	3.9	3.5 - 4.6	No	Industry and consumer products
Perfluorobutanesulfonic Acid (PFBS) (ppt)	2024		500		3	6.4	5.7 - 7.6	No	Industry and consumer products
Perfluoroheptanoic Acid (PFHpA) (ppt)	2024				3	2.6	2.1 - 3.4	No	Industry and consumer products
Perfluorohexanoic acid (PFHxA) (ppt)	2024				3	6.9	6 - 8.4	No	Industry and consumer products
Perfluorohexanesulfonic Acid (PFHxS) (ppt)	2024		3	20	3	4.6	3.6 - 5.2	No	Industry and consumer products
Perfluorooctanoic Acid (PFOA) (ppt)	2024		5.1	10	4	4.1	3.5 - 5.6	No	Industry and consumer products
Perfluorooctanesulfonate Acid (PFOS) (ppt)	2024		6.5	40	4	1.7	1.3 - 2.2	No	Industry and consumer products
Perfluoropentanoic acid (PFPeA) (ppt)	2024				3	7.1	6.3 - 8.7	No	Industry and consumer products
Perfluoropentanesulfonic acid (PFPeS)	2024				4	1.4	1.1 - 1.5	No	Industry and consumer products
Perfluorononanoic Acid (PFNA) (ppt)	2024				4	ND	NA	No	Industry and consumer products

DEFINITIONS

- **90th %ile:** The levels reported for lead and copper represent the 90th percentile of the total number of sites tested. The 90th percentile is equal to or greater than 90% of our lead and copper detections.
- **AL (Regulatory Action Level):** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.
- **DLR:** Detection Limit for Purposes of Reporting
- **MCL (Maximum Contaminant Level):** The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible. Secondary MCLs (SMCLs) are set to protect the odor, taste, and appearance of drinking water.
- **MCLG (Maximum Contaminant Level Goal):** The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. EPA.
- **MRDL (Maximum Residual Disinfectant Level):** The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
- **MRDLG (Maximum Residual Disinfectant Level Goal):** The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
- **NA:** Not applicable.
- **ND (Not detected):** Indicates that the substance was not found by laboratory analysis.
- **NL:** Notification Level
- **NS: No standard.**
- **NTU (Nephelometric Turbidity Units):** Measurement of the clarity, or turbidity, of water. Turbidity in excess of 5 NTU is just noticeable to the average person.
- **pCi/L (picocuries per liter):** A measure of radioactivity.
- **PDWS (Primary Drinking Water Standard):** MCLs and MRDLs for contaminants that affect health, along with their monitoring and reporting requirements and water treatment requirements.
- **PHG (Public Health Goal):** The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California EPA.
- **ppb (parts per billion):** One part substance per billion parts water (or micrograms per liter).
- **ppm (parts per million):** One part substance per million parts water (or milligrams per liter).
- **ppt (parts per trillion):** One part substance per trillion parts water (or nanograms per liter).
- **TON (Threshold Odor Number):** A measure of odor in water.
- **TT (Treatment Technique):** A required process intended to reduce the level of a contaminant in drinking water.
- **µS/cm (microsiemens per centimeter):** A unit expressing the amount of electrical conductivity of a solution.

FOOTNOTES

- ¹ Compliance with the state MCL for aluminum is based on a running annual average. No exceedance occurred
- ² CVWD and MWD report water quality data under different sections of state regulations, which may result in differences in how certain results are measured or reported.
- ³ Results are from samples collected within the distribution system and reflect values after groundwater has been blended with imported water from MWD.
- ⁴ MWD was in compliance with all provisions of the State's fluoridation requirements. When fluoride feed systems were temporarily out of service during treatment plant shutdowns and/or maintenance work, an occasional fluoride level was measured below 0.7 mg/L
- ⁵ Sampled in 2023.
- ⁶ Samples are collected quarterly for gross beta particle activity, and annually for tritium and strontium-90. Gross alpha particle activity, radium, and uranium data are from samples collected quarterly in 2023 for the required triennial monitoring (2023-2025). Radon is monitored voluntarily with the triennial radionuclides.
- ⁷ Samples collected at CVWD's compliance locations.
- ⁸ Samples collected within MWD's distribution system.
- ⁹ Sampled in 2021.
- ¹⁰ A new MCL for hexavalent chromium of 10 µg/L took effect on October 1, 2024.
- ¹¹ Samples collected within CVWD's distribution system.
- ¹² Compliance with the State and Federal MCLs is based on RAA or LRAA, as appropriate. Plant core locations for TTHM and HAA5 are service connections specific to each of the treatment plant effluents
- ¹³ Turbidity measures the cloudiness of the water and is monitored as an indicator of water quality. High turbidity can reduce disinfectant effectiveness. Samples are collected from CVWD's groundwater wells.
- ¹⁴ $AI \geq 12.0$ = Nonaggressive water; $AI 10.0 - 11.9$ = Moderately aggressive water; $AI \leq 10.0$ = Highly aggressive water. Reference: ANSI/AWWA Standard C400-93 (R98).
- ¹⁵ Unregulated contaminant monitoring helps U.S. EPA and the SWRCB determine where certain contaminants occur and whether the contaminants need to be regulated.
- ¹⁶ To convert the data from ppm to grains per gallons, divide the average by 17.1 ($313 / 17.1 = 18.3$ grains per gallon).
- ¹⁷ Results reflect an average of monthly PFAS samples collected from CVWD's untreated groundwater. Before reaching customers, this water is blended with imported water from MWD. Because the MWD water has not recently had PFAS detections, this lowers PFAS levels in the final drinking water. Final levels do not exceed the EPA MCLs set to be enforceable in 2031. The District is pursuing ways to remove PFAS and related compounds from the water, which is beyond current regulatory requirements, and has secured funding for a PFAS removal pilot treatment program.

CRESCENTA VALLEY WATER DISTRICT

General Manager Report

GM Report
July 8, 2025

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

General Manager's Report Topics:

- Customer Service and Administration Dashboard – June 2025
- Engineering & Operations Report – June 2025
- Well 2 grant
- CalOES grant
- District tour scheduled for: CV Historical Society July 22, 2025
- District tour scheduled for: State Senator Sasha Perez July 23, 2025
- District tour scheduled for: State Assemblymember Nick Shultz July 29, 2025

STAFFING

4 work anniversaries in June – Carla Dillon – 1 year; Cesar Velasquez – 2 years; David Escalera – 2 years; Edgar Perez – 1 year

Employee Spotlight: Omar Verduzco

As of July 3rd, the District has gone 156 days without a lost time incident.

GENERAL MANAGER ACTIVITIES

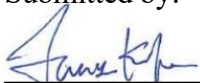
Meetings:

Managers Meeting(s)	- June 26 th ; July 3 rd (<i>GM absent</i>)
All-Hands Staff Meeting (<i>GM absent</i>)	- June 26 th
Women in Water Event (<i>GM absent</i>)	- June 26 th
GovAI Coalition	- June 30 th
Jurupa Community Services District	- July 3 rd
Ad Hoc Committee PFAS	- July 7 th

Agreements/Contracts Executed:

Paveco – <i>agreement</i>		
I-1091 Teasley Restoration	\$83,837.50	July 1, 2025

Submitted by:



James Lee
General Manager



Crescenta Valley Water District –Administration & Finance Report for < June 2025>

Customer Service & Administration Activity

**Service
Requests**
63

**New
Sign-Ons**
58

**Meter
Downloads**
0

**Meter
Changeouts**
21

Customer Onboarding



10

**Meter
Re-Reads**

**Fire
Flows**
5

**Backflow
Connection Tests**
43

- Public Hearing
- Leadership Academy Conclusion
- 1 Recruitment – Customer Service Field Rep
- Women in Water Event
- Pancake Breakfast
- WaterSmart Incentive
- Annual Water Quality Report
- Springbrook Testing



Crescenta Valley Water District –Administration & Finance Report for < June 2025>

AMI Activity

Leak Alerts Sent
476

**Leak Resolution
Feedback**
15

**Registered
Accounts**
779

Total Consumption
3.31 M Gal



New Sign Ons
111

Meters on AMI

High/Low
Peaks - 6am and 8pm
Lows - 1am and 2pm

Engineering & Operations Report

July 8, 2025
Staff Report

To: Honorable President and Members of the Board of Directors
From: Carla Dillon, P.E., Director of Engineering and Operations
Subject: Engineering & Operations Report – June 2025

Water Production Report

- June 2025 – Water production – 55% / 45% split – 108 MG for the month
- June 2025 – Average production is 1.0% more than 2024 and 2.4% less than 5-year average

Rainfall Update

- 2.50” for June 2025
- 12.92” for WY 2024/25

Capital Improvement Projects

- I-1091 Teasley Ave– Pavement Restoration Proposal, June 16, 2025. Work scheduled 07/21/25
- Pipeline Replacement
 - FY 25-26 Externally contracted pipeline: Preparing Progressive Design Build RFP 75% Complete
 - FY 25-26 IHP
 1. I-1095 2400-2500 Upper Terrace Ave.- DDW Approval, June 30, 2025
 2. I-1096 2700-2800 Henrietta Ave. – 25% Design Complete
 3. I-1097 Parkhaven Dr. – Planning
 4. I-1098 Two Strike Park Easement – Planning
 5. I-1099 5000 Rosemont Ave (Henrietta Pl.) – Planning
- Received final schematics/documentation for SCADA E-939 Project

Groundwater Update

- Wells 2 is currently offline, and Mills Wells (1, 7, 9) operated intermittently due to PFAS levels. Well 9 usually runs at 125 gpm, but due to PFAS, it's now running at 80 gpm.
- Well 5 Rehabilitation – Planning
- Markridge Booster 25- Planning
- Mills Booster B (Pump) - Planning

Wastewater Update

- Recycled Water Feasibility Study – Meeting held 6/3/2025 to discuss final project milestones
- SSMP updates in progress. Recertification is due 8/2/2025
- Reported no Sewer System Overflows (SSOs) for June to State

Developer Projects

- Open developer projects: 14
 1. 3037/3043 Foothill – Pending payment of materials, selection of a contractor, and faithful performance bond
 2. 2747 Fierro Circle – New service, pending paperwork from developer
 3. 2512 Los Amigos – New service, pending payment
 4. 4801 Rosemont – New service, pending payment
 5. 4596 Leir Dr – New sewer connection, pending paperwork from developer

6. 2377-79 Florencita Dr – Five new services, pending payment
7. 4210 New York Ave – New service, completing reconciliation
8. 4323 Briggs Ave – New service, pending payment
9. 4323 ½ – New service, pending payment
10. 2236 Maurice Ave – New service, pending payment
11. 2948 Foothill – Fire service for commercial property, pending payment
12. 2415 Fairway – Meter upgrade, pending paperwork from developer
13. 2717 Mountain Pine – Meter upgrade, internal review
14. 3251 Honolulu Ave – New service, internal review

Street Projects

- La Crescenta Ave Rehabilitation - City of Glendale – Construction began March 31, 2025

Field Maintenance & Operations Support

- Inspection: Ramsdell Mixing Station – 100% Complete
- Reservoir Maintenance – Cleaning and Inspection of Oak Creek 1 & 2 and Edmund #1 Reservoir completed on 6/5/25
- 2312 Teasley Ave- Fire Hydrant Easement field survey completed on 6/27/25 (legal description)

Other

- Rosemont Preserve Entry Gate coordination with Friends of Rosemont, structural engineer, and SCE
- Engineering Intern Onboarding completed on 6/27/25 (starts on 7/9/25)
- Participated in Multi-Jurisdictional Hazard Mitigation Plan with other water districts. Approval to officially join the group is pending approval by CalOES

CRESCENTA VALLEY WATER DISTRICT

WATER PRODUCTION REPORT

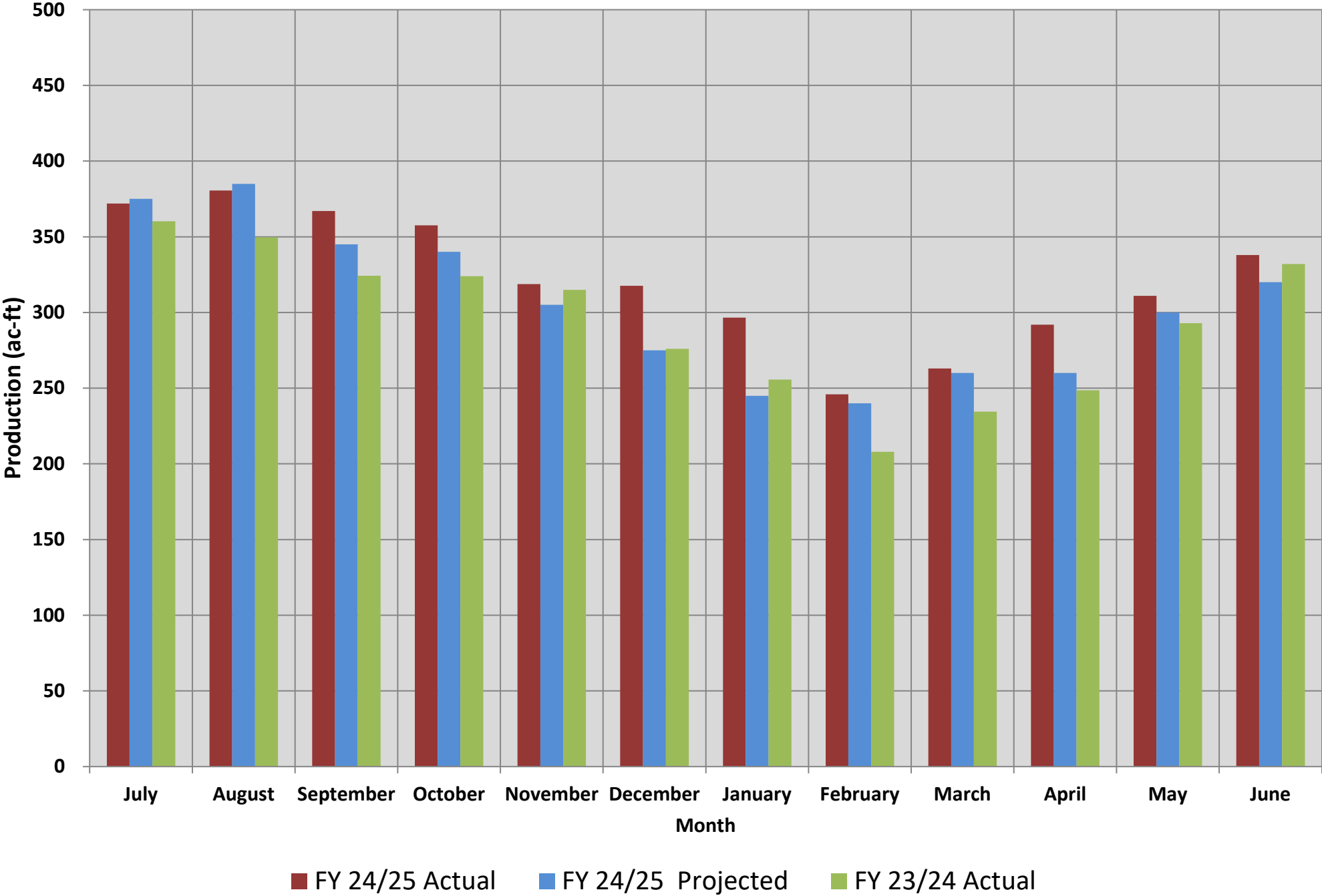
June 1 - June 30, 2025

Well Production:	49,980,231	Gals		
GWP Production:	8,016,000	Gals		
Gravity Production:	1,858,181	Gals	% GW	55%
FMWD:	46,176,793	Gals		
City of Glendale:	<u>2,010,205</u>	Gals	% Import	45%
TOTAL:	108,041,410	Gals		
	331.57	ac-ft		
Glenwood Nitrate Water				
Reclamation Plant:*	0	*Included in Well Production		

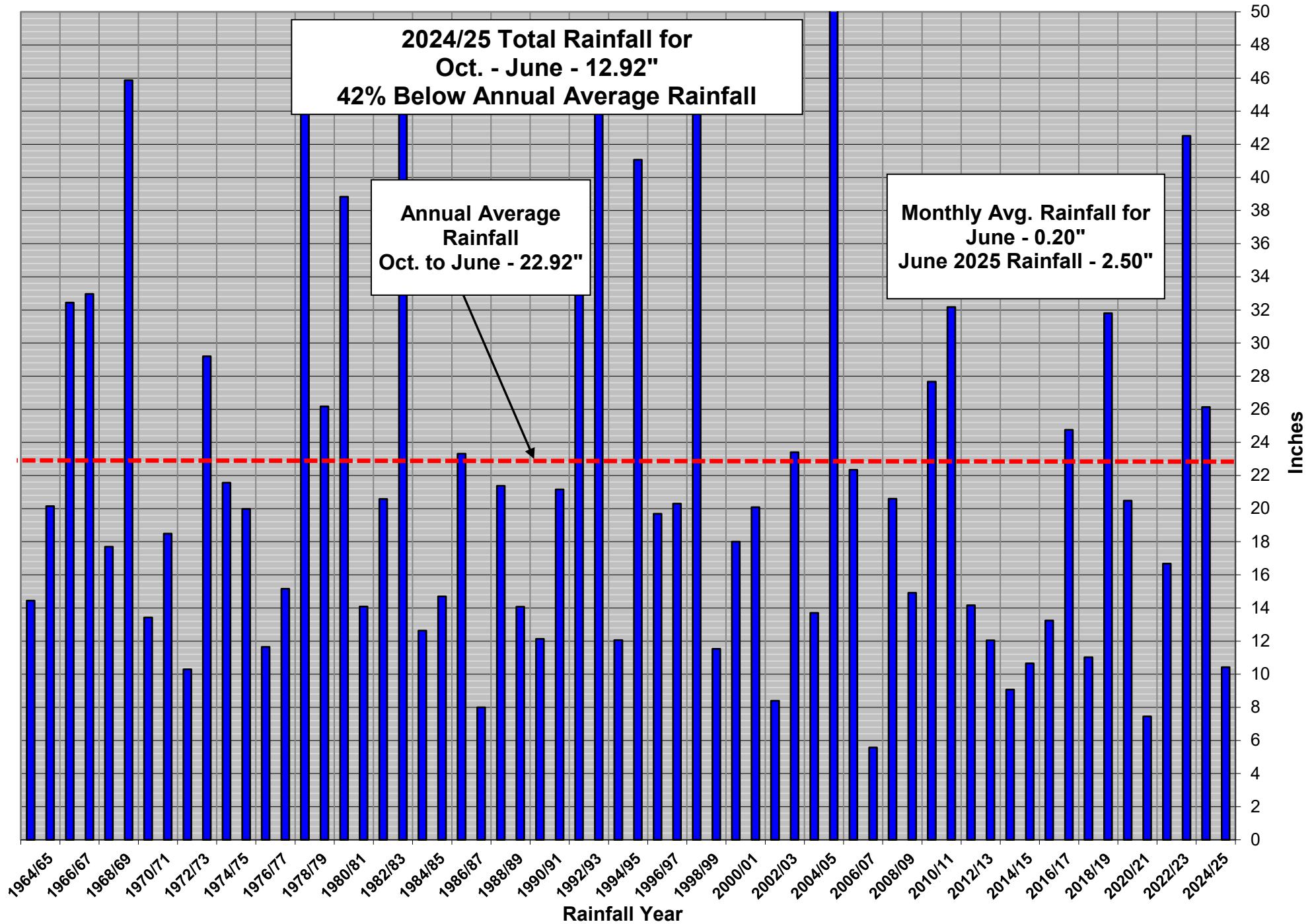
WATER DEMAND COMPARISON								
Time Period			Average Daily Usage (gals)		Current Period Change			
June 1 - June 30, 2025			3,577,452					
June 1 - 30, 2024			3,540,986		1.0%			
5-yr Average - June 2020 - 2024			3,666,350		-2.4%			
RAINFALL: June 1 - 30, 2025 2.5								
Season-To-Date: 12.92								
2024/25 Fiscal Year Water Production			WY 24/25 - Groundwater Production Water Rights		GWP (Well 16) Water Production - 2025		Purchased Water Production Tier 2 Allocation - 2025	
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	182	January	5	January	132
August	381	385	November	166	February	0	February	105
September	367	345	December	168	March	0	March	120
October	358	340	January	159	April	17	April	125
November	319	305	February	141	May	30	May	107
December	318	275	March	143	June	25	June	154
January	297	245	April	151	July		July	
February	246	240	May	174	August		August	
March	263	260	June	159	September		September	
April	292	260	July		October		October	
May	311	300	August		November		November	
June	338	320	September		December		December	
Total to Date	3,860	3,650	Total to Date	1,444	Total to Date	77	Total to Date	743
Projected	3,860	3,650	Water Rights	3,294			Tier 2	2,154
% of Projected	105.8%	100.0%	% of Rights	44%			% of Allocation	34%
Remaining	(210)	0	Remaining	1,850			Remaining	1,411
NOTE:								
1) Blue Numbers = Estimated Water Production								
2) Wells 2 & 11 offline due to PFAS blending issues. Mills Wells (1, 7, 9) were off for 15 days.								

Monthly Water Production:

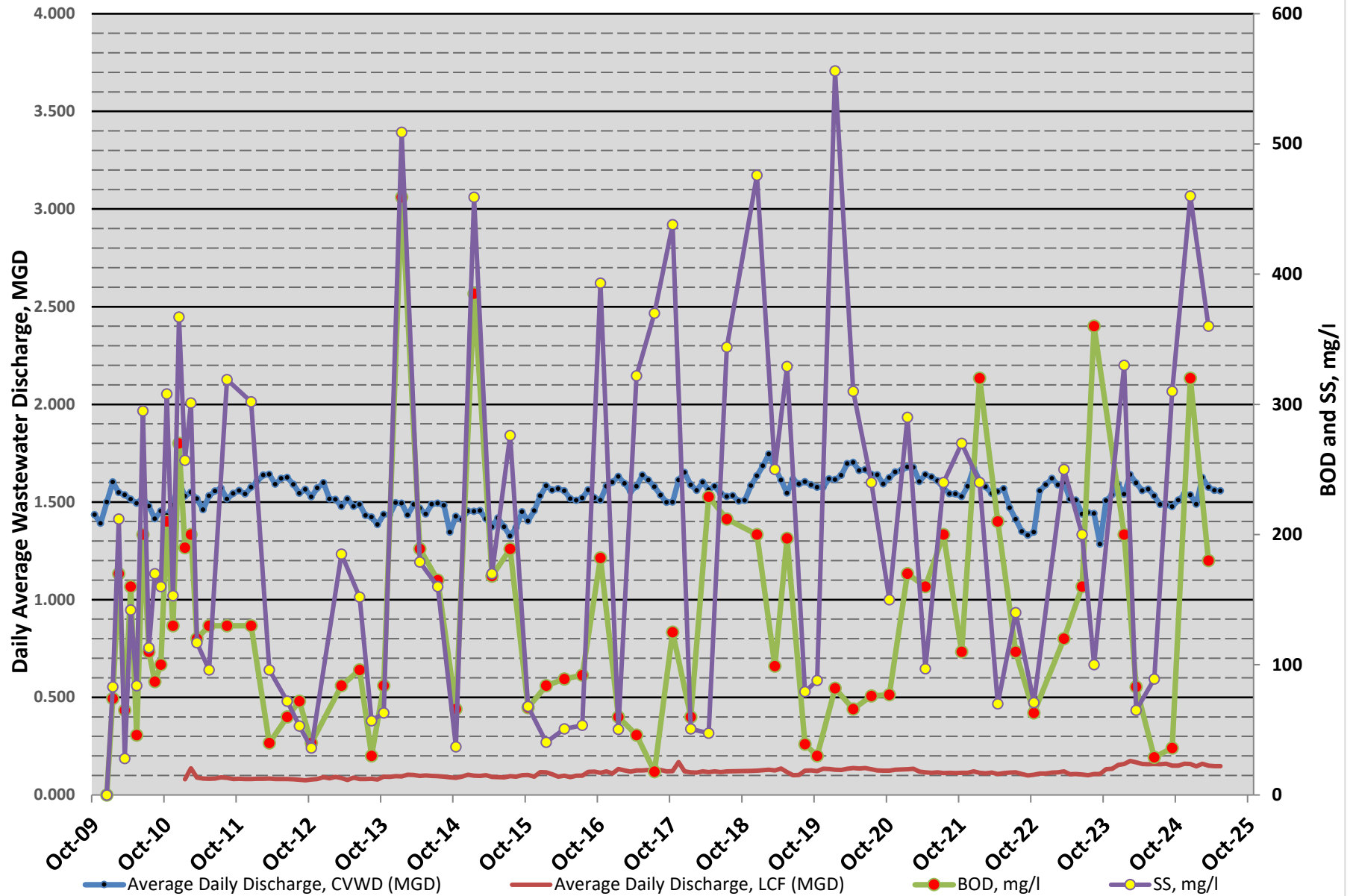
FY 24/25 Actual, FY 24/25 Projected & FY 23/24 Actual



Monthly Rainfall - 1963/64 - 2024/25 (Oct. 1 - June 30)



CVWD Daily Average Wastewater Discharge and Strength
October 1, 2009 - May 31, 2025



Operations & Maintenance Report

June 2025

3

Water Main Repairs

3

Water Service

Repairs: 1 Replacements: 2

1

After Hours Leaks/Repairs

12,500'

Sewer Maintenance

Clean: 1,200' Inspect: 11,300' Reports: 0

- **Field Maintenance Projects**

- * E-1094: Encinal Manifold – Boosters A & B – R & R 8" & 12" butterfly valves & two 8" check valves

- * E-977: Ramsdell Mixing Station – Install 16" butterfly valve & mixer, two 10" butterfly valves, two 12" butterfly valves, replace 10" PRV, 12" check valve

- **Wastewater**

- * Lift Station Visits: 4 (De-rag pumps, check valves)

Operations & Maintenance Report

June 2025

0

Miscellaneous Repairs

Meter Box: 0, Bypass: 0

55

Valves

Replace: 1 Exercise: 49 Install: 5

2

Fire Hydrant Maintenance

Rebuild: 0 Install: 0 Replace: 2

0

Water Meter Replacement

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

- **Training/Cross Training**

- * Valve Exercising Program
- Quinn A.

- **Events**

- * Women In Water @ Caltech – Hosted by CVWD's EmpowHER

- **New Certification**

- * None to report

- **Safety**

- * Take a load off – Tips For Safe Lifting
- * Know Your Colors – Call Before You Dig!
- * Don't Be Shocked By Charged Pipes

System Operations Report

June 2025

130+

Water Quality Samples w/ additional
PFAS monitoring samples

3

Tank Cleanings

3

System PRV and Flow Valve Maintenance
Rebuild: 4

9

Site Checks

• **Operations Report**

- System PRV Maintenance (Ordunio Altitude Valve/Ramsdell Start Up)
- Ramsdell Mixing Station Start Up (10" Flow Valve)
- Ordunio Pump B, motor failure (Out of Service)
- Replace Sample Ports (Active Well Sites)
- Repair Tank Mixer at Encinal
- Cross Connection Control Handbook (Submitted to DDW 6/26/2025)
- Consumer Confidence Report (Submitted to DDW 6/26/2025)
- Oak Creek 1&2 and Edmund 1 (Reservoir Cleaning)

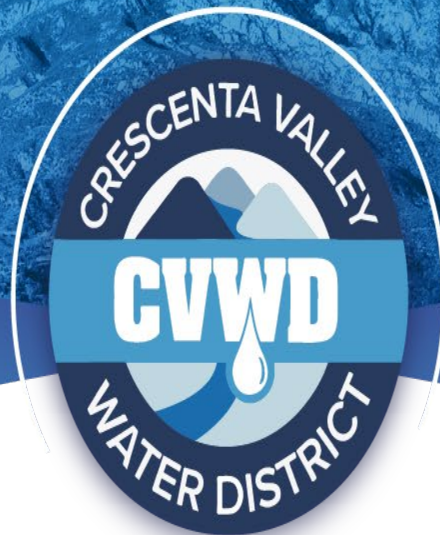
• **Electrical/Telemetry**

- Generator Connectors Replaced
- Replacement of the New frequency-current converter at Paschall
- Calibrated Williams valve at Glendale Intertie
- Mills Booster B Telemetry Adjustments

• **Facilities Maintenance**

- Walkthrough at the Mills House
- Tejeda Reservoir (Site Clearing)
- Edmond 1 (Site Clearing)
- Goss 1 and 2 (Site Clearing)
- Glenwood Gate Access Repairs

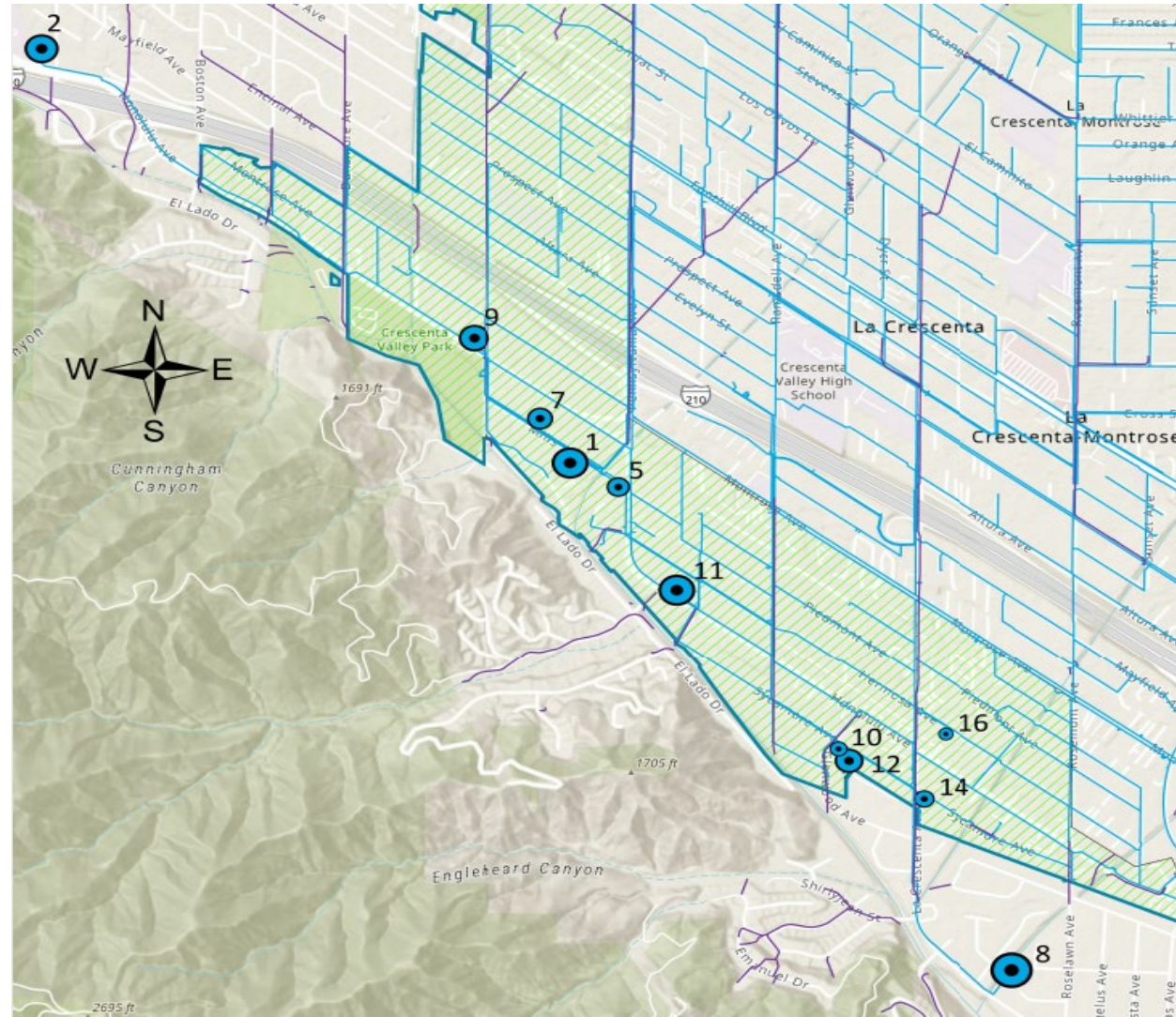
PFAS UPDATE



June 2025

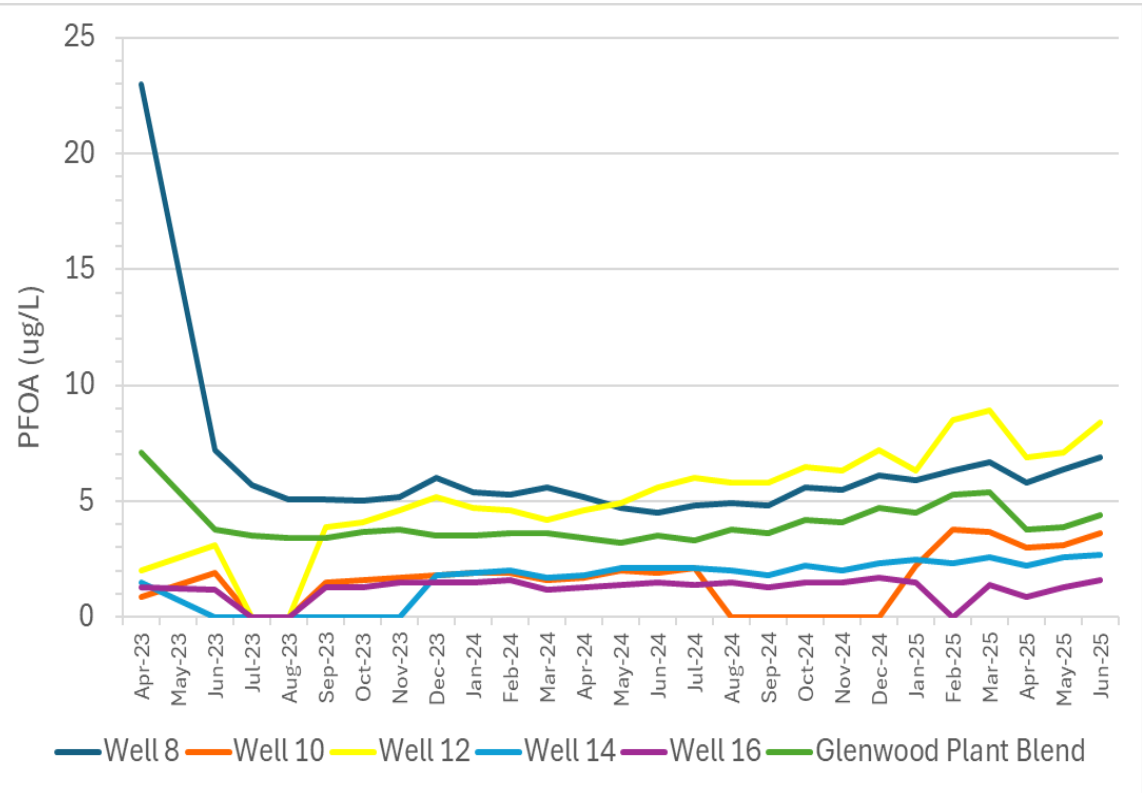
SOURCE PFOA

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



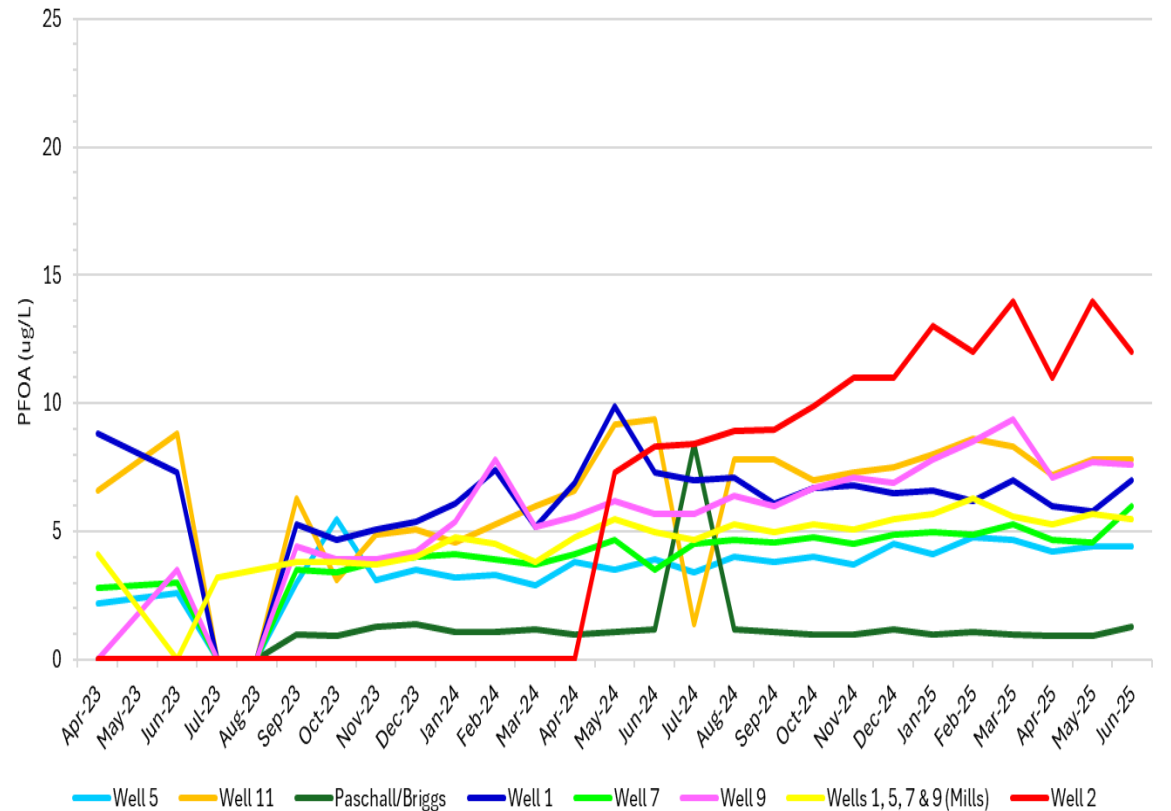
PFOA DATA (GLENWOOD SOURCES)

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
Sep-24	4.8		5.8	1.8	1.3	3.6
Oct-24	5.6		6.5	2.2	1.5	4.2
Nov-24	5.5		6.3	2	1.5	4.1
Dec-24	6.1		7.2	2.3	1.7	4.7
Jan-25	5.9	2.2	6.3	2.5	1.5	4.5
Feb-25	6.3	3.8	8.5	2.3	0	5.3
Mar-25	6.7	3.7	8.9	2.6	1.4	5.4
Apr-25	5.8	3	6.9	2.2	0.88	3.8
May-25	6.4	3.1	7.1	2.6	1.3	3.9
Jun-25	6.9	3.6	8.4	2.7	1.6	4.4



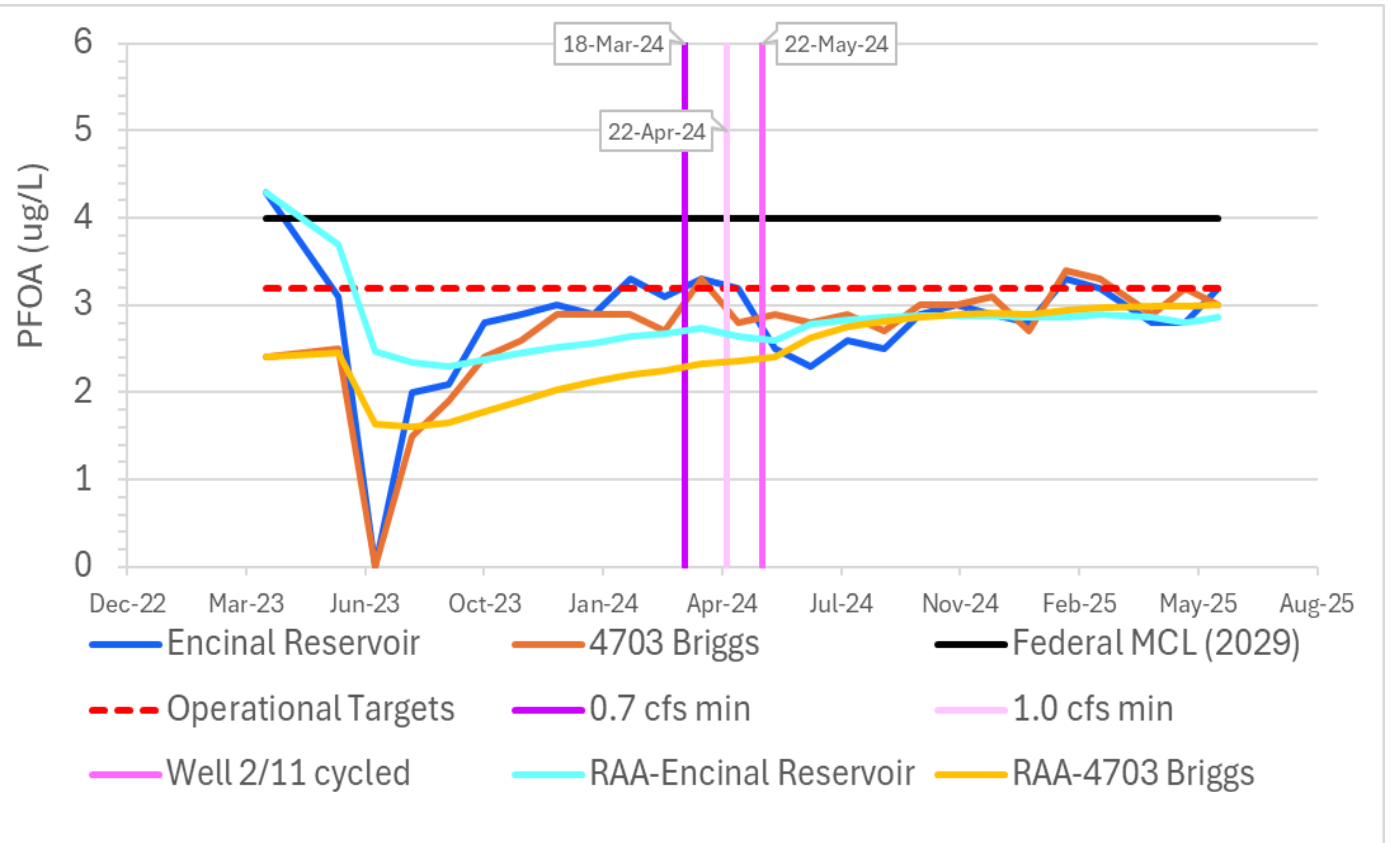
PFOA DATA (MILLS SOURCES)

Date	Well 1	Well 5	Well 7	Well 9	Wells 1, 5, 7 & 9 (Mills)	Well 2	Well 11	Paschal/Briggs
Apr-23	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	4.7	6.4	5.3	8.9	7.8	1.2
Sep-24	6.1	3.8	4.6	6	5	9	7.8	1.1
Oct-24	6.7	4	4.8	6.7	5.3	9.9	7	1
Nov-24	6.8	3.7	4.5	7.1	5.1	11	7.3	1
Dec-24	6.5	4.5	4.9	6.9	5.5	11	7.5	1.2
Jan-25	6.6	4.1	5	7.8	5.7	13	8	0.96
Feb-25	6.2	4.8	4.9	8.5	6.3	12	8.6	1.1
Mar-25	7	4.7	5.3	9.4	5.6	14	8.3	1
Apr-25	6	4.2	4.7	7.1	5.3	11	7.2	0.91
May-25	5.8	4.4	4.6	7.7	5.7	14	7.8	0.95
Jun-25	7.0	4.4	6	7.6	5.5	12	7.8	1.30



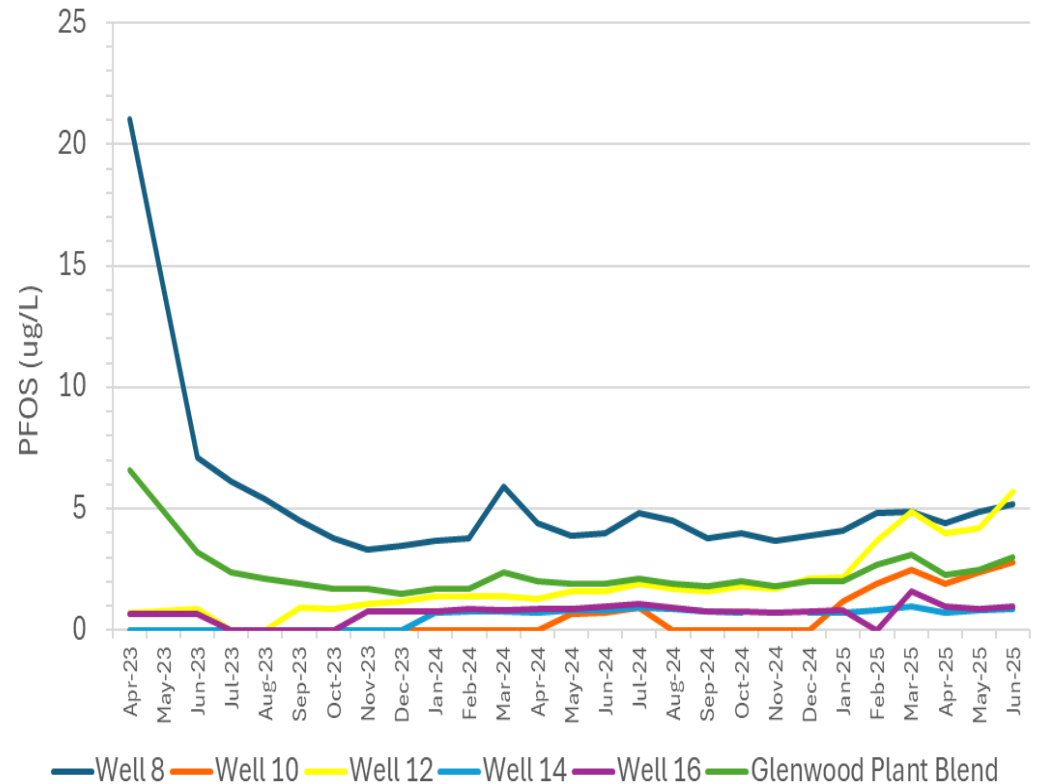
Date	Encinal Reservoir	4703 Briggs
Apr-23	4.3	2.4
Jun-23	3.1	2.5
Jul-23		
Aug-23	2	1.5
Sep-23	2.1	1.9
Oct-23	2.8	2.4
Nov-23	2.9	2.6
Dec-23	3	2.9
Jan-24	2.9	2.9
Feb-24	3.3	2.9
Mar-24	3.1	2.7
Apr-24	3.3	3.3
May-24	3.2	2.8
Jun-24	2.5	2.9
Jul-24	2.3	2.8
Aug-24	2.6	2.9
Sep-24	2.5	2.7
Oct-24	2.9	3
Nov-24	3	3
Dec-24	2.9	3.1
Jan-25	2.8	2.7
Feb-25	3.3	3.4
Mar-25	3.2	3.3
Apr-25	2.8	2.9
May-25	2.8	3.2
Jun-25	3.2	3

POINT OF USE PFOA



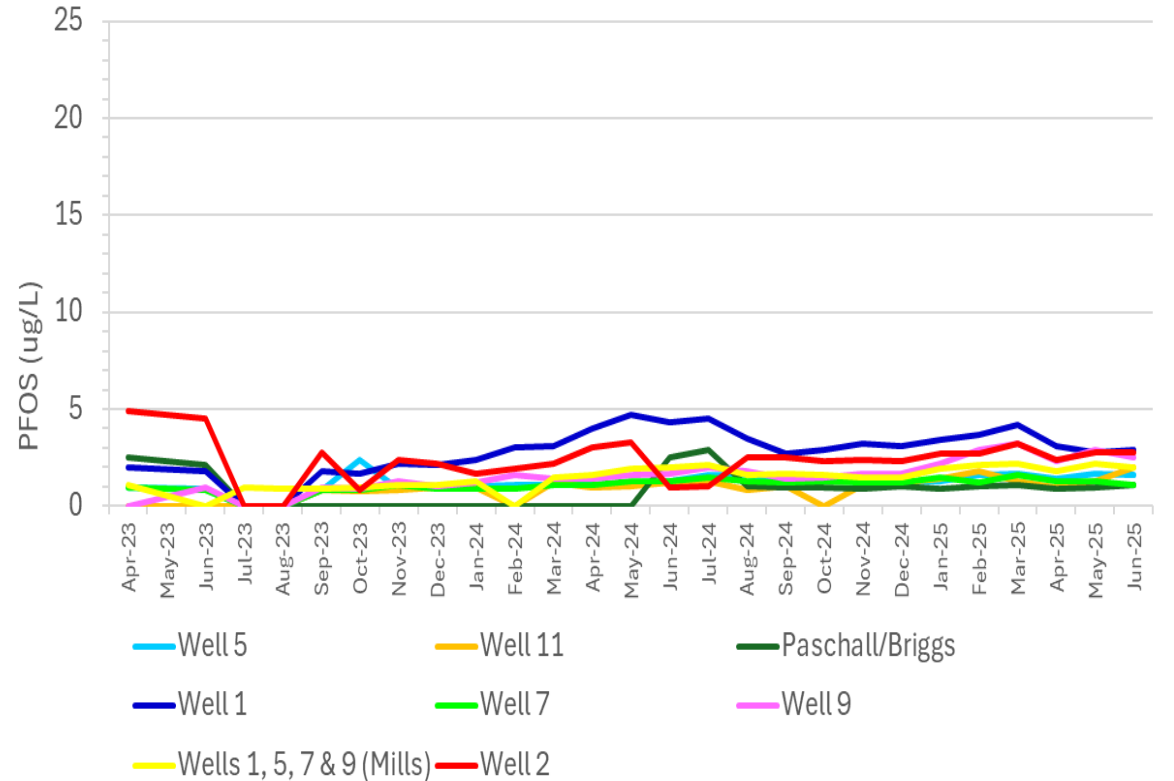
PFOS DATA (GLENWOOD SOURCES)

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
Sep-24	3.8		1.6	0.77	0.77	1.8
Oct-24	4		1.8	0.73	0.8	2
Nov-24	3.7		1.7		0.74	1.8
Dec-24	3.9		2.1	0.7	0.8	2
Jan-25	4.1	1.2	2.2	0.71	0.82	2
Feb-25	4.8	1.9	3.7	0.82	0	2.7
Mar-25	4.9	2.5	4.9	0.96	1.6	3.1
Apr-25	4.4	1.9	4	0.73	1	2.3
May-25	4.9	2.4	4.2	0.84	0.9	2.5
Jun-25	5.2	2.8	5.7	0.88	0.97	3



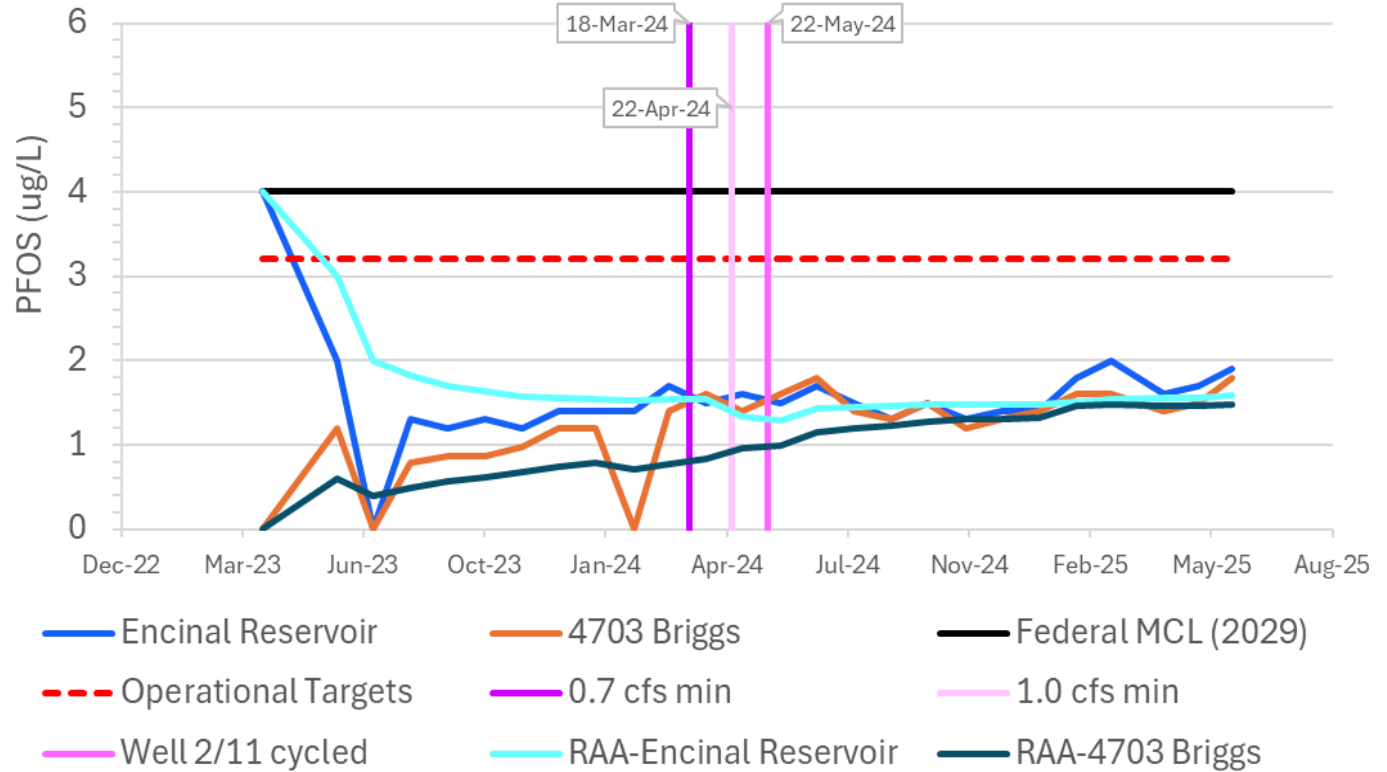
PFOS DATA (MILLS SOURCES)

Date	Well 1	Well 5	Well 7	Well 9	Wells 1, 5, 7 & 9 (Mills)	Well 2	Well 11	Paschall/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	4.5	
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
Sep-24	2.7	1.3	1.2	1.4	1.7	2.5	1	0.97
Oct-24	2.9	1.4	1.3	1.5	1.6	2.3		0.93
Nov-24	3.2	1.2	1.2	1.7	1.5	2.4	1.1	0.87
Dec-24	3.1	1.2	1.2	1.7	1.5	2.3	1.2	1
Jan-25	3.4	1.3	1.5	2.2	1.9	2.7	1.4	0.9
Feb-25	3.7	1.6	1.2	2.9	2.1	2.7	1.8	1
Mar-25	4.2	1.7	1.6	3.2	2.2	3.2	1.3	1.1
Apr-25	3.1	1.4	1.3	2.3	1.8	2.4	0.99	0.91
May-25	2.8	1.7	1.3	2.9	2.2	2.8	1.3	0.98
Jun-25	2.9	1.6	1.1	2.5	2	2.8	2	1.1



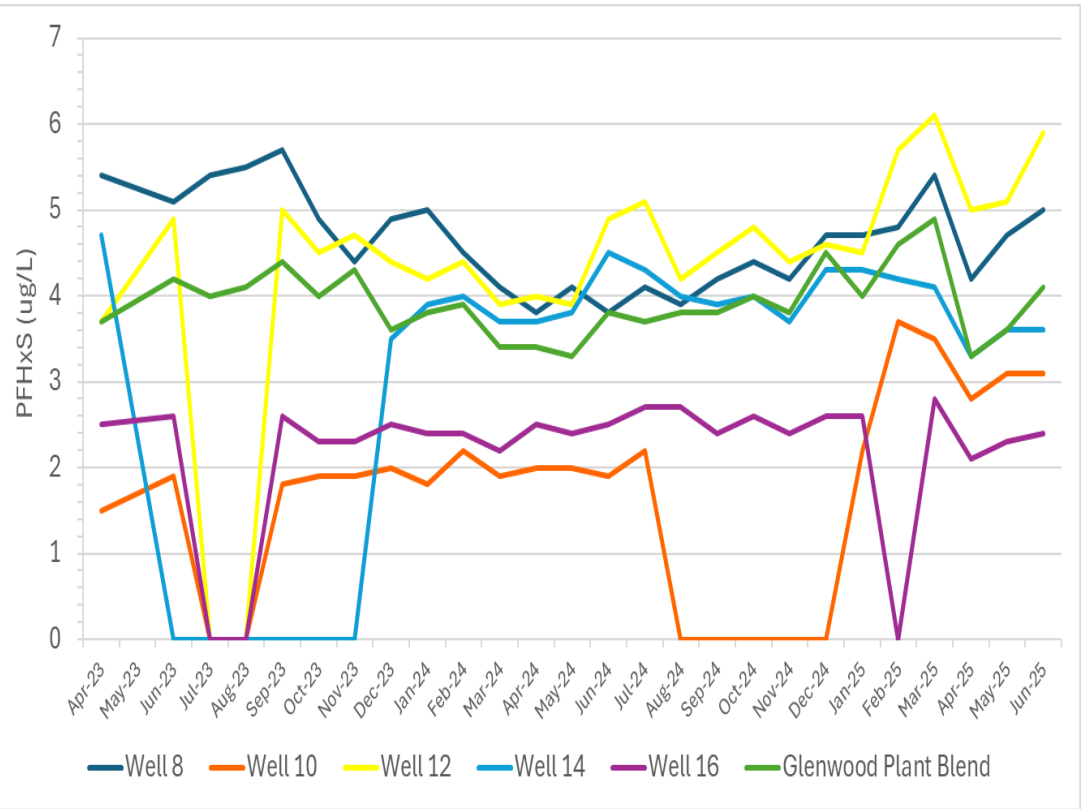
POINT OF USE PFOS

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
Sep-24	1.3	1.3
Oct-24	1.5	1.5
Nov-24	1.3	1.2
Dec-24	1.4	1.3
Jan-25	1.4	1.4
Feb-25	1.8	1.6
Mar-25	2	1.8
Apr-25	1.6	1.4
May-25	1.7	1.5
Jun-25	1.9	1.8



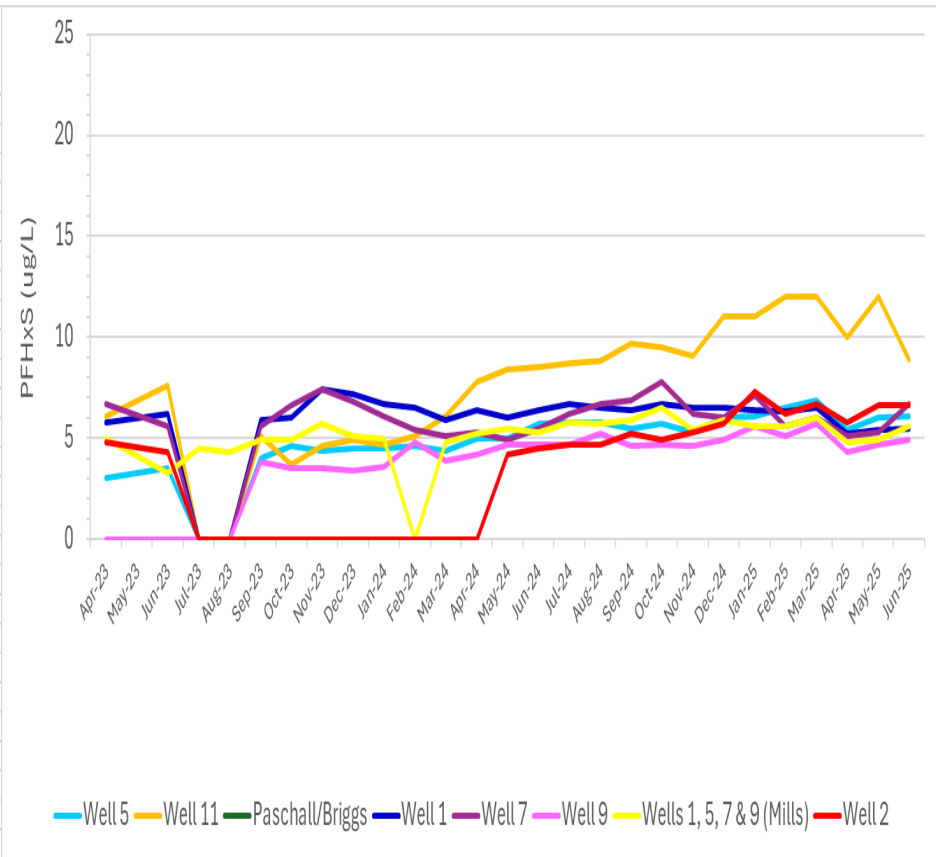
PFHxS DATA (GLENWOOD SOURCES)

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
Sep-24	4.2		4.5	3.9	2.4	3.8
Oct-24	4.4		4.8	4	2.6	4
Nov-24	4.2		4.4	3.7	2.4	3.8
Dec-24	4.7	0	4.6	4.3	2.6	4.5
Jan-25	4.7	2.2	4.5	4.3	2.6	4
Feb-25	4.8	3.7	5.7	4.2	0	4.6
Mar-25	5.4	3.5	6.1	4.1	2.8	4.9
Apr-25	4.2	2.8	5	3.3	2.1	3.3
May-25	4.7	3.1	5.1	3.6	2.3	3.6
Jun-25	5	3.1	5.9	3.6	2.4	4.1



PFHxS DATA (MILLS SOURCES)

Date	Well 1	Well 5	Well 7	Well 9	Wells 1, 5, 7 & 9 (Mills)	Well 2	Well 11	Paschall/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	
Sep-24	6.4	5.5	6.9	4.6	5.9	5.2	9.7	
Oct-24	6.7	5.7	7.8	4.7	6.5	4.9	9.5	
Nov-24	6.5	5.3	6.2	4.6	5.4	5.3	9.1	
Dec-24	6.5	6	6	4.9	5.9	5.7	11	
Jan-25	6.4	6.1	7.1	5.6	5.6	7.3	11	
Feb-25	6.3	6.5	5.6	5.1	5.6	6.2	12	
Mar-25	6.5	6.9	6	5.7	6	6.7	12	
Apr-25	5.2	5.4	5.1	4.3	4.8	5.8	10	
May-25	5.4	6	5.3	4.7	4.9	6.6	12	
Jun-25	5.5	6.1	6.7	4.9	5.6	6.6	8.9	



POINT OF USE PFHxS

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
Sep-24	2.6	2.8
Oct-24	2.7	2.9
Nov-24	3	3
Dec-24	2.8	3.1
Jan-25	2.6	2.5
Feb-25	2.7	2.7
Mar-25	3.1	3.5
Apr-25	2.5	2.4
May-25	2.8	2.5
Jun-25	2.9	3.0

