PAJARO VALLEY WATER MANAGEMENT AGENCY

36 BRENNAN STREET • WATSONVILLE, CA 95076
TEL: (831) 722-9292 • FAX: (831) 722-3139
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Board of Directors Meeting
July 16, 2025, 7:00 p.m.

City Council Chambers
275 Main Street, 4th Floor
Watsonville, CA

BOARD MEETING AGENDA

Agenda Item

Note: The Board may take action on any item listed on the agenda.

1. **Call to Order**

2. **Roll Call of the PV Water Directors:** Stephen Rider (Chair), Mary Bannister (Vice Chair), Bob Culbertson (Treasurer), Amy Newell, Tom Broz, Nolberto Hernandez, CJ Miller

3. **Pledge of Allegiance**

4. **Oral Communications**
   This time is set aside for members of the general public to address the Board of Directors on any item not on the Agenda, and that is within the subject matter jurisdiction of the Board of Directors. Each speaker is allotted up to 3 minutes. No action or discussion shall be taken on any item presented except that the Board may respond to statements made or questions asked or may ask questions for clarification. All matters of an administrative nature will be referred to staff. All matters pertaining to the Board may be scheduled for discussion at a future meeting or referred to staff for clarification or a report, at the pleasure of the board.

5. **Director Comments**

6. **Counsel Report**

7. **General Manager Report**

8. **Consent Agenda**
   All items appearing on the Consent Agenda are recommended actions which are routine and will be acted upon as one consensus motion. Any items removed will be considered immediately after the consensus motion. The Board Chair will allow public input prior to the approval of the Consent Agenda.
   A. Approve June 18, 2025, Board Meeting Minutes
   B. Approve Financial Reports

9. **Informational Items**
   A. Receive Update on Santa Cruz County Mult-Jurisdictional Hazard Mitigation Plan
   B. Receive Projects & Programs Update

10. **Discussion and/or Action Items**
    A. Consider Adopting Resolution 2025-08, Amending the Delivered Water Users Handbook
       1. Introduction by staff
       2. Questions from Board

3. Public comment
4. Board discussion and deliberation
5. Board action

11. Monthly Reports/Presentations

A. Facility Operations Report
B. Board Committee Reports available at www.pvwater.org
C. Public Outreach Update

12. Correspondence

13. Future Meetings

A. Projects & Facility Operations Committee Meeting, Wednesday, July 30, 2025, 3:00 p.m., Water Resources Center, 500 Clearwater Lane, Watsonville
B. Administration & Finance Committee Meeting, Tuesday, August 12, 2025, 3:00 p.m., PV Water Conference Room, 36 Brennan St., Watsonville
C. Board of Directors Meeting, Wednesday, August 20, 2025, 7:00 p.m., City Council Chambers, 275 Main St.,4th Floor, Watsonville
D. Projects & Facility Operations Committee Meeting, Wednesday, August 27, 2025, 3:00 p.m., Water Resources Center, 500 Clearwater Lane, Watsonville

Adjournment

NOTES

The City Council Chambers is an accessible facility. If you wish to attend a meeting and you will require assistance in order to attend and /or participate, please call the Agency at (831) 722-9292 in advance of the meeting and every effort made to accommodate your attendance and participation.

This agenda is subject to revision and maybe amended prior to the scheduled meeting. If amended, a Final Agenda to be posted at PV Water, 36 Brennan Street, Watsonville and at the location where meeting will be held, 72 hours prior to the meeting. Copies of the Final Agenda will be available at the Board Meeting. This Agenda shall be made available upon request in alternative formats to persons with a disability, as required by the Americans with Disabilities Act of 1900 (42 U.S.C. Sec. 12132) and the Ralph M. Brown Act (Cal. Govt. Code Sec. 54954.2). Persons requesting a disability-related modification or accommodation should contact PV Water Board Secretary at (831) 722-9292 during regular business hours at least 24 hours prior to the time of the meeting.

Agenda documents are available for review, on the Monday following posting of the agenda, in person at PV Water, 36 Brennan St. Watsonville, or on the website: https://www.pvwater.org/board-and-committees/director-agendas.php

Translation Services/Servicios De Traduccion

Spanish language translation is available on an as needed basis. Please make advance arrangements with the PV Water Board Secretary, 36 Brennan St. Watsonville, CA or by telephone (831) 722-9292.
Se proven servicios de interpretacion segun se necesiten. Sirvase contactar a la secretaria de Directiva de la Agencia para hacer preparativos.

Should Remote Access be Available for Public Access to Board of Directors Meeting

By computer, tablet or smartphone:
https://www.gotomeet.me/PVWater/board-of-directors

By Phone:
United States (Toll Free): 1 (877) 309-2073 Access Code: 347-473-301#

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Board of Directors Meeting
June 18, 2025, 7:00 p.m.

City of Watsonville
Council Chambers
275 Main St., 4th Floor
Watsonville, CA

DRAFT BOARD MEETING MINUTES

1. **Call to Order:** The Regular Board Meeting of Pajaro Valley Water Management Agency was called to order at 7:02p.m. by Chair Rider, at City of Watsonville Council Chambers, 275 Main Street, 4th Floor, Watsonville, California.

2. **Roll call of the PV Water Directors:**

Board Members Present:	Stephen Rider, Chair Mary Bannister, Vice Chair Amy Newell, Director Tom Broz, Director Nolberto Hernandez, Director C.J. Miller, Director
Board Members Absent:	Bob Culbertson, Treasurer (excused)
Staff Members Present:	Brian Lockwood, General Manager (GM) Nancy Trevino, Finance & Admin Services Manager (FASM) Asia Valdivia, Executive Assistant/Board Secretary (EA/BS) Marcus Mendiola, Water Conservation and Outreach Specialist (WCOS)
Others Present:	Tony Condotti, Agency Counsel (AC) Via Teleconference: Tom Rider - Public

3. **Pledge of Allegiance:**

4. **Oral Communications: None**

5. **Director Comments:**
Director Hernandez spoke about excessive sand clogging the filter at Turnout #30 and speculated on how the lateral may be flushed.
Director Boz reminded the Board that the Santa Cruz County Farm Bureau is hosting its 108th Annual Meeting tomorrow June 19, 2025.

Director Newell asked for a correction on the meeting agenda - page two, under future meetings. June 25, 2025, Projects & Facility Operations Committee meeting should read Wednesday rather than Tuesday, and it is a regular meeting, not a "special meeting". Director Newell also stated that in the only area of the PV groundwater basin with severely polluted groundwater, just north of Moss Landing, the residents have had to rely on bottled water for potable uses. Now the State Water Resources Control Board is providing financial assistance to connect these households with water agencies that will provide potable water through their taps. The Community Water Center was instrumental in pushing for this solution on behalf of the residents.

6. Counsel Report: None

7. General Manager Report:

GM Lockwood reported that the Water Education Foundation Annual Water Summit is being held on October 1, 2025, in Sacramento and registration is now open. In addition, GM Lockwood announced that the California Special Districts Association (CSDA) will hold its 2025 Annual Conference & Exhibitor Showcase in Monterey, August 25-28, 2025. He added that the conference will offer an opportunity for Directors to complete required trainings such as Ethics (AB 1234) and Harassment Prevention. GM Lockwood mentioned that Secretary Valdivia provided information on necessary trainings and each Director's status, along with the various ways to complete them, in each Director's folder. GM Lockwood added that each certificate is valid for two years. GM Lockwood explained that if the Agency can get all Directors certified in both areas at the same time, the Agency will be eligible to apply for the CSDA Transparency Certificate of Excellence. GM Lockwood has been in communication with the Fair Political Practices Commission (FPPC) in regard to updating PV Water's Conflict of Interest Code. GM Lockwood added that new Directors will need to complete Form 700 if they have not already done so. GM Lockwood announced that Ruben Garcia joined the PV Water team as the new Water System Operator II on Monday.

8. Consent Agenda

A. Approve May 21, 2025, Board Meeting Minutes
B. Approve Financial Reports
C. Adopt Resolution 2025-05, Certifying Compliance with State Law with Respect to the Levying of General and Special Taxes, Assessments, and Property-Related Fees and Charges (Management Fees)
D. Adopt Resolution 2025-06, Amending the Cash Reserve Policy for the Fiscal Year Ending June 30, 2026
E. Adopt Resolution 2025-07, Amending Statement of Investment Policy

Action: Director Newell moved to approve the Consent Agenda as presented; seconded by Vice Chair Bannister.

Motion carried by the following voice vote:

AYES:	Rider, Bannister, Newell, Broz, Hernandez, Miller
NOES:	None
ABSENT:	Culbertson
ABSTAIN:	None

9. Informational Items

A. Receive Project and Programs Update

Received Projects & Programs Update from GM Lockwood, a summary is available in the staff report.

10. Discussion and/or Action Items

A. Consider Adoption of Resolution 2025-02, Finding, Determining, and Declaring that the Public Interest and Necessity Require the Acquisition of Interests in Certain Real Property (Assessor's Parcel Numbers 052-181-18, 052-181-20) by Eminent Domain

AC Condotti introduced this item, explaining that Resolution 2025-02 pertains to the property at 187B San Andreas Road. AC Condotti mentioned that the item was discussed in depth at the closed session on May 21, 2025. AC Condotti described the importance of the property to be able to move forward with the Watsonville Slough System Managed Aquifer Recharge and Recovery (WSS-MARR) Project, it being the lynch pin as it is the largest and highest value property required for the project. AC Condotti added that all other properties are near acquisition, and despite efforts of the Agency and Agency Counsel through multiple outreach efforts and attempts to negotiate, no communication has been received from the property owner Ocean Field Holdings (OFH). AC Condotti provided that at this point the next step needed to continue the WSS-MARR project is for PV Water to elevate the request to the Superior Court through Eminent Domain as the project is in the best interest for public good and least private injury. AC Condotti noted that this is not the end of negotiations, and if the Board adopts Resolution 2025-02 the hope is that Legal Counsel will again try to reengage with the property owner in negotiations, seeking to complete this in the most efficient way. AC Condotti reminded the Board that this Resolution requires a 2/3 vote, and with the Directors present, would require at least five votes in favor of adopting the Resolution.

Action: Vice Chair Bannister moved to adopt Resolution 2025-02, Finding, Determining, and Declaring that the Public Interest and Necessity Require the Acquisition of Interests in Certain Real Property (Assessor's Parcel Numbers 052-181-18, 052-181-20) by Eminent Domain; seconded by Director Broz.

Motion passed with two-thirds vote by the following Roll Call vote:

AYES: Newell, Broz, Hernandez, Miller, Bannister, Rider
NOES: None
ABSENT: Culbertson
ABSTAIN: None

B. Consider Board Appointments to PV Water's Standing Committees

Vice Chair Bannister offered to vacate her seat on the Projects & Facility Operations Committee. Director Miller volunteered to occupy the vacant seat on the Projects & Facility Operations Committee. Director Newell offered to vacate her seat on the Administration and Finance Committee. Director Hernandez volunteered to occupy the vacant seat on the Administration and Finance Committee.

Action: Director Miller moved to approve these removals and appointments to the PV Water Standing Committees; seconded by Director Broz.

Motion carried by the following voice vote:

AYES: Rider, Bannister, Newell, Broz, Hernandez, Miller
NOES: None

ABSENT: Culbertson
ABSTAIN: None

C. Consider College Lake Integrated Resources Management Project Ribbon Cutting Ceremony

WCOS Mendiola announced the College Lake Project is near completion and to celebrate the monumental occasion PV Water staff is hosting a ribbon cutting and dedication ceremony on August 8th from 11am – 1pm. WCOS Mendiola provided a brief overview of the agenda and current efforts for planning and fundraising for the celebration. Director Newell requested to include tours if possible. Director Broz suggested adding those who could benefit from understanding its use to the invitation list if not already included. GM Lockwood provided that the current estimated cost is $20,000 and if Directors have thoughts or ideas for the event to please email GM Lockwood, WCOS Mendiola and/or Secretary Valdivia.

Action: Director Newell moved to direct PV Water Staff to continue with the planning and execution of the College Lake Integrated Resources Management Project Ribbon Cutting Ceremony; seconded by Vice Chair Bannister.

Motion carried by the following voice vote:

AYES: Rider, Bannister, Newell, Broz, Hernandez, Miller
NOES: None
ABSENT: Culbertson
ABSTAIN: None

11. Monthly Reports/Presentations

A. Facility Operations Report

Received 2025 Supplemental Water Production Monthly Summary as of May 2025. GM Lockwood mentioned that the Delivered Water Users Handbook update is almost complete, and it will be presented to the Projects & Facility Operations Committee next week for approval to move to the Board.

B. Board Committee Reports available at www.pvwater.org
C. Public Outreach Update

WCOS Mendiola confirmed that PV Water will have a booth at the Santa Cruz County Fair in September. WCOS reminded the group to mark calendars for the College Lake Project Ribbon Cutting on August 8th. WCOS Mendiola announced that PV Water will again partner with local schools to keep groundwater management curriculum in Environmental Science classes for this upcoming school year.

12. Correspondence

GM Lockwood Noted Public records act requests and Association of California Water Agencies (ACWA) call for nominations. GM Lockwood mention that our Region, Region five, is looking for a representative.

13. Future Meetings

A. Projects & Facility Operations Committee Meeting, Wednesday, June 25, 2025, 3:00 p.m., Water Resources Center, 500 Clearwater Lane, Watsonville
B. Administration & Finance Committee, Tuesday, July 8, 2025, 3:00 p.m., PV Water Conference Room, 36 Brennan St., Watsonville
C. Board of Directors, Wednesday, July 16, 2025, 7:00 p.m., City Council Chambers, 275 Main Street, 4th Floor, Watsonville
D. Projects & Facility Operations Committee, Wednesday, July 30, 2025, 3:00 p.m., Water Resources Center, 500 Clearwater Lane, Watsonville

14. Future Agenda Items

Adjourned at 8:22 p.m.

Asia Valdivia, Board Secretary **Date Approved**

PV Water
Quarterly Billing Summary
Calendar Year

Type	2024 Consumption(AF)	2024 Dollar	2025 Consumption(AF)	2025 Dollar
March Billing				
Inside Delivered Water Zone	213.271	$ 89,747.71	307.806	$ 140,775.65
Metered	1,178.870	$ 356,559.33	1,990.981	$ 642,673.63
Non-Metered (agriculture)	0.000	$ -	0.000	$ -
Delivered	201.106	$ 91,302.08	394.518	$ 188,185.09
Aromas	49.040	$ 14,810.08	47.140	$ 15,226.22
Cal Water	46.990	$ 14,190.98	48.790	$ 15,759.17
City of Watsonville	1,203.000	$ 363,306.00	1,174.000	$ 379,202.00
Vega Mutual	7.310	$ 2,207.62	7.220	$ 2,332.06
Pajaro/Sunny Mesa	59.260	$ 17,896.52	65.190	$ 21,056.37
Non-Metered (rural residential)	0.000	$ -	0.000	$ -
Subtotal	2,958.847	$ 950,020.32	4,035.645	$ 1,405,210.18
	Uncollected Amt a/o 4/30/24	**$ 130,673.43**		
	Percent of Uncollected Billing	**13.755%**		
June Billing				
Inside Delivered Water Zone	1,203.139	$ 505,318.18	1,417.233	$ 640,304.20
Metered	5,805.235	$ 1,753,180.87	7,817.973	$ 2,527,000.27
Non-Metered (agriculture)	179.532	$ 54,218.73	168.450	$ 54,409.23
Delivered	1,033.149	$ 469,049.45	1,163.085	$ 554,791.39
Aromas	55.940	$ 16,893.88	63.740	$ 20,588.02
Cal Water	54.650	$ 16,504.30	57.180	$ 18,469.14
City of Watsonville	1,418.000	$ 428,236.00	1,174.000	$ 379,202.00
Vega Mutual	8.790	$ 2,654.58	8.960	$ 2,894.08
Pajaro/Sunny Mesa	71.290	$ 21,529.58	74.610	$ 24,099.03
Subtotal	9,829.724	$ 3,267,585.58	11,945.229	$ 4,221,757.36
Annual Rural Residential Consumption	1,285.00	$ 339,240.00	1,315.50	$ 372,040.00
Subtotal	11,114.72	$ 3,606,825.58	13,260.73	$ 4,593,797.36
	Uncollected Amt a/o 7/31/24	**$ 1,607,251.65**		
	Percent of Uncollected Billing	**44.561%**		
September Billing				
Inside Delivered Water Zone	2,829.233	$ 1,188,278.04		
Metered	13,839.290	$ 4,179,465.55		
Non-Metered (agriculture)	0.000	$ -		
Delivered	2,006.787	$ 911,081.45		
Aromas	99.770	$ 30,130.54		
Cal Water	64.780	$ 19,563.56		
City of Watsonville	1,609.000	$ 485,918.00		
Vega Mutual	14.540	$ 4,391.08		
Pajaro/Sunny Mesa	94.830	$ 28,638.66		
Non-Metered (rural residential)	4.500	$ 1,188.00		
Subtotal	20,562.731	$ 6,848,654.88	0.000	$ -
	Uncollected Amt a/o 10/31/24	**1,773,186**		
	Percent of Uncollected Billing	**25.891%**		
December Billing				
Inside Delivered Water Zone	1,405.890	$ 590,473.71		
Metered	6,187.103	$ 1,868,505.26		
Non-Metered (agriculture)	169.728	$ 51,257.72		
Delivered	1,065.412	$ 483,697.13		
Aromas	81.010	$ 24,465.02		
Cal Water	62.300	$ 18,814.60		
City of Watsonville	1,501.000	$ 453,302.00		
Vega Mutual	11.960	$ 3,611.92		
Pajaro/Sunny Mesa	85.510	$ 25,824.02		
Non-Metered (rural residential)	3.500	$ 924.00		
Subtotal	10,573.412	3,520,875.37	0.000	0.00
	Uncollected Amt a/o 1/31/25	**1,622,065**		
	Percent of Uncollected Billing	**46.070%**		
Total	**45,209.71**	**14,926,376.15**	**17,296.37**	**5,999,007.54**

PAJARO VALLEY WATER MANAGEMENT AGENCY

Account Activity Report per Bank Statement

	Date	Deposits	Withdrawals	Balance
CLEARING ACCOUNT - Mechanics				
Beginning Balance	5/1/2025			$80,616
Cash Receipts		1,231		
Disbursements			2,061,598	
Transfers		2,217,000		
Bank Fees				
Ending Balance	5/31/2025			$237,250
GENERAL FUND10-MMA Mechanics				
Beginning Balance	5/1/2025			$1,921,735
Cash Receipts		3,413		
Transfers			13,083	
Interest Earned		6,979		
Bank Fees				
Ending Balance	5/31/2025			$1,919,044
GENERAL FUND 10 - LAIF				
Beginning Balance	5/1/2025			$2,422,127
Transfers				
Interest Earned				
Ending Balance	5/31/2025			$2,422,128
GENERAL FUND 20 - LAIF				
Beginning Balance	5/1/2025			$8,894,113
Transfers				
Interest Earned				
Ending Balance	5/31/2025			$8,894,113
SPECIAL REVENUE FUND 20-ACH Clearing Acct Mechanics				
Beginning Balance	5/1/2025			$0
Cash Receipts		392,191		
Sweep/Transfers			392,191	
Disbursments/ACH-Wire				
Bank Fees				
Ending Balance	5/31/2025			$0
SPECIAL REVENUE FUND 20-Operating Mechanics				
Beginning Balance	5/1/2025			$442,230
Cash Receipts		728,202		
Transfers		17,072	1,170,798	
Disbursments/ACH-Wire				
Bank Fees			1,162	
Interest Earned				
Ending Balance	5/31/2025			$15,543
SPECIAL REVENUE Fund 20 Cash Mgmt-FUND20MMN Mechanics				
Beginning Balance	5/1/2025			$14,105,927
Transfers		425,000	1,083,000	
Disbursments/ACH-Wire				
Bank Fees				
Interest Earned		50,960		
Ending Balance	5/31/2025			$13,498,887
Certificate of Deposit - DWR Loan Reserve Mechanics Fund 40				
Beginning Balance	5/1/2025			$280,795
Interest Earned		1,119.33		
Ending Balance	5/31/2025			$281,914
Certificate of Deposit - SRF-D1501023				
Beginning Balance	5/1/2025			$81,419
Transfers				
Interest Earned		1,615.00		
Ending Balance	5/31/2025			$83,034

Prior Month Ending Cash Balance:	Total Deposits:	Total Withdrawals:	Month End Cash Balance:
28,228,962	3,844,783	4,721,832	27,351,913
Cash Transfers	2,659,072	2,659,072	-
Actual Cash Receipts/Disbursements	1,185,711	2,062,760	

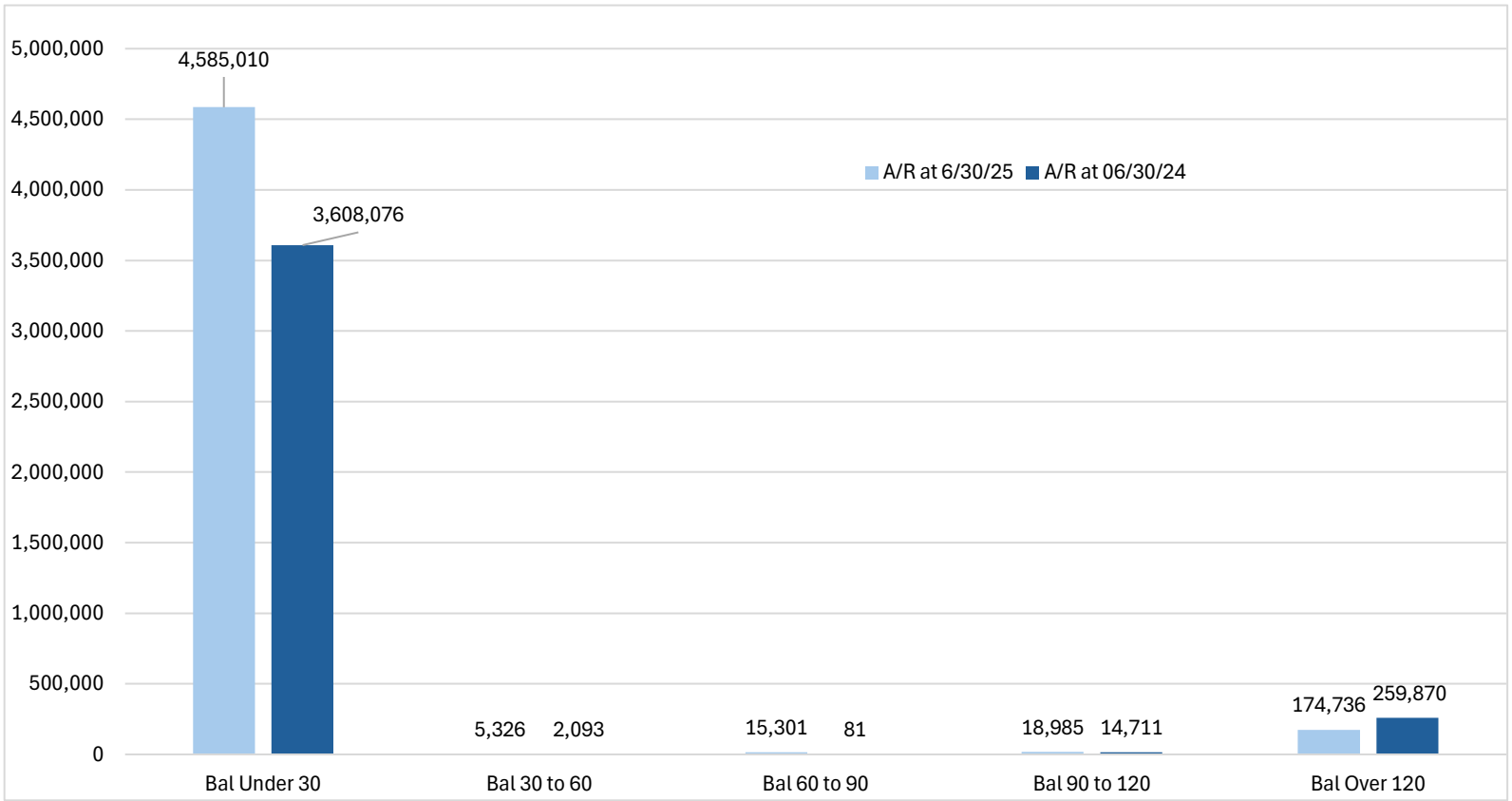
PAJARO VALLEY WATER MANAGEMENT AGENCY
INVESTMENT REPORT
ALL FUNDS
May 31, 2025

Description	Current Yield	Investment	% of Total Portfolio	Weighted Yield
Mechanics Clearing Account	0.00%	**$237,250**	0.87%	0.00%
General Fund 10				
Mechanics General Fund 10 Money Market Account	4.52%	1,919,044	7.02%	0.32%
Local Agency Investment Fund	4.48%	2,422,128	8.86%	0.40%
		$4,341,172		
Special Revenue Fund 20				
Mechanics Special Revenue Fund 20-ACH Clearing Account	0.00%	0	0.00%	0.00%
Mechanics Special Revenue Fund 20 Operating Account	0.00%	15,543	0.06%	0.00%
Mechanics Special Revenue Fund 20 Money Market Account	4.52%	13,498,887	49.35%	2.23%
Local Agency Investment Fund	4.48%	8,894,113	32.52%	1.46%
		$22,408,543		
Long Term Debt Fund 40				
Mechanics Certificate of Deposit DWR Loan Reserve	3.50%	$281,914	1.03%	0.04%
Mechanics Certificate of Deposit SRF-D1501023	3.75%	$83,034	0.30%	0.01%
		364,948		
	Total:	**$27,351,913**	**100.0%**	

Total Funds Reserved	364,948
Total Funds Invested	26,734,171
Total Funds Non-Interest Bearing	252,793
Total Funds	**$27,351,913**
Total Available Funds	26,986,964
Cash Reserve Policy Requirements (PV Water)	7,120,000
Surplus (Deficit) of Funds	**$19,866,964**

PV Water
Accounts Receivable Aging 3 Month Trend
As of 06/30/2025

	Balance Forward	Bal Under 30	Bal 30 to 60	Bal 60 to 90	Bal 90 to 120	Bal Over 120
Accounts Receivable before credits	4,799,357	4,585,010	5,326	15,301	18,985	174,736
Credits	(7,358)					
Total Accounts Receivable at 06/30/25	4,791,999					
Accounts Receivable before credits	3,884,830	3,608,076	2,093	81	14,711	259,870
Credits	(2,041)					
Total Accounts Receivable at 06/30/24	3,882,789					
Accounts Receivable before credits	381,632	8,985	15,301	146,781	1,569	208,997
Credits	-12,326					
Total Accounts Receivable at 05/31/25	369,307					
Accounts Receivable before credits	592,383	15,301	324,776	2,417	250	249,639
Credits	(11,312)					
Total Accounts Receivable at 04/30/25	581,070					



Accounts Payable

Checks by Date - Detail by Check Date

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Check No	Vendor No / Invoice No	Vendor Name / Description	Check Date / Reference	Check Amount
ACH	A1250	AFLAC- FLEX ONE	06/13/2025	
	EE Deferrals	EE PR Deferrals		661.52
			Total for this ACH Check for Vendor A1250:	661.52
ACH	A300	ACWA/JPIA	06/13/2025	
	Inv 0706284	EE PR Deferrals		36,113.00
			Total for this ACH Check for Vendor A300:	36,113.00
ACH	N125	NATIONWIDE RETIREMENT SOLUTION	06/13/2025	
	EE Deferrals	EE PR Deferrals		5,260.00
			Total for this ACH Check for Vendor N125:	5,260.00
ACH	P1300	PERS-Fiscal Services Division Cashier Unit	06/13/2025	
	EE Deferrals	ER/EE Retirement Contributions		11,908.59
	EE Retirement Contrib	EE PR Deferrals		2,021.97
			Total for this ACH Check for Vendor P1300:	13,930.56
ACH	P555	PVWMA-Cafeteria Account	06/13/2025	
	EE Deferrals	EE PR Deferrals		1,086.68
			Total for this ACH Check for Vendor P555:	1,086.68
ACH	C571	CALIFORNIA BANK OF COMMERCE	06/13/2025	
	91602-23R	Escrow#1159045 Ret.CL Pro #30-39-501-for 3/1 - 3/31/25		35,904.32
			Total for this ACH Check for Vendor C571:	35,904.32
ACH	G330	GUTIERREZ CONSULTANTS, INC.	06/13/2025	
	1990	MBLRP/Multi-Bnfit Land Rep.Prg Grant 4/1 to 4/30/25		5,291.00
	1991	DWR Watershed Resilience Grant		1,716.00
			Total for this ACH Check for Vendor G330:	7,007.00
ACH	J301	JACOBS ENGINEERING GROUP INC.	06/13/2025	
	W8Y08701	PS/CL/Pipeline/Eng.Serv.during Const. for 4/26 - 5/23/25		24,094.91
			Total for this ACH Check for Vendor J301:	24,094.91
ACH	M1875	MICROSOFT AZURE	06/13/2025	
	E0600WF8RT	IT-Support/Pay as you go for 4/12 - 5/11/25		14.50
			Total for this ACH Check for Vendor M1875:	14.50
ACH	M2213	MOUNTAIN CASCADE, INC.	06/13/2025	
	91602-23	CL/Contr$44,989,854 Project#30-39-501 for 3/1 - 3/31/25		682,182.11
			Total for this ACH Check for Vendor M2213:	682,182.11
ACH	M2214	MOUNTAIN CASCADE, INC.	06/13/2025	
	91601-23	CL/Contr$23,707,310 Project#30-39-502 for 3/1 - 3/31/25		178,929.01
			Total for this ACH Check for Vendor M2214:	178,929.01

Check No	Vendor No / Invoice No	Vendor Name / Description	Check Date / Reference	Check Amount
ACH	R305	RINCON CONSULTANTS, INC	06/13/2025	
	65871	Proj#24-16204 River Watershed Resilience for 4/25		100,165.35
			Total for this ACH Check for Vendor R305:	100,165.35
ACH	S2201	SPRINGBROOK HOLDING CO. LLC	06/13/2025	
	INV-020714	Proj.Maint/Utility Billing/Finance Maint. for 5/25		22,208.59
			Total for this ACH Check for Vendor S2201:	22,208.59
ACH	S2865	SWCA ENVIRONMENTAL CONSULT. INC.	06/13/2025	
	220873	CL Integrated Resources Mngmnt Project. For 4/1 - 4/30/25		35,187.82
			Total for this ACH Check for Vendor S2865:	35,187.82
ACH	Y130	YSI INCORPORATED. A XYLEM BRAND	06/13/2025	
	1142203	EXO ODO Sensor cap kit for 5/25		1,281.38
	1143057	Tariff-surcharge for 5/25		88.35
			Total for this ACH Check for Vendor Y130:	1,369.73
46053	A190	ACE HARDWARE OF WATSONVILLE INC	06/13/2025	
	237355-40424	CDS/Meters/Hydro/Basin Monitoring/Field Supplies for 5/25		411.38
			Total for Check Number 46053:	411.38
46054	B102	BKS LAW FIRM, PC	06/13/2025	
	8812-0001-5-6	CL/WSR/General Professional Legal Services for 5/25		3,463.88
			Total for Check Number 46054:	3,463.88
46055	C103	CBEC ECO ENGINEERING	06/13/2025	
	50341	CL Fishway Tech Support/ Env for 4/26 to 5/23/25		2,546.50
	50376	CL Hyd & Water Q Monitoring '25 & '26 for 4/26 to 5/23/25		4,675.00
			Total for Check Number 46055:	7,221.50
46056	C1580	SPECTRUM BUSINESS COMMUNICATIONS	06/13/2025	
	0124982052025	76 Holohan/Internet/communication for 5/20 to 6/19/25		176.23
	015429052325	36 Brennan Line & Internet services for 5/23 to 6/22/25		694.87
			Total for Check Number 46056:	871.10
46057	E500	ENVIRONMENTAL SCIENCE ASSOCIATES	06/13/2025	
	207703	Updating WSR & HSR Pipeline Project for 4/1 - 4/30/25		16,754.35
	208528	Updating CL/WSR/HSR Pipeline Project for 5/1 - 5/31/25		13,146.50
			Total for Check Number 46057:	29,900.85
46058	F199	C.J. BROWN & COMPANY CPAS	06/13/2025	
	250512	Progress Billing on Audit of FY June 30 '25		630.00
			Total for Check Number 46058:	630.00
46059	G195	GREENWASTE RECOVERY LLC	06/13/2025	
	ID#219557	76 Holohan Green Waste for 5/25	219557	112.46
			Total for Check Number 46059:	112.46
46060	K310	KITTLESON ENVIRONMENTAL CONSULTING	06/13/2025	
	025.46	PVWMA 2025 Biological Consulting for 4/10 - 6/11/25		5,006.95
			Total for Check Number 46060:	5,006.95
46061	L563	BRIAN LOCKWOOD	06/13/2025	
	REIMB/GRA ACWA	GM Reimb Miles & Meals/ACWA Summit '25 for 5/25		245.20
			Total for Check Number 46061:	245.20

Check No	Vendor No / Invoice No	Vendor Name / Description	Check Date / Reference	Check Amount
46062	M1010	MAGNOLIA GARDENING INC	06/13/2025	
	35913	76 Holohan Building Mo. Landscape Maint. for 5/25		90.00
	35977	36 Brennan Building Mo. Landscape Maint. for 5/25		100.00
			Total for Check Number 46062:	190.00
46063	M1050	MAGGIORA BROS. DRILLING INC.	06/13/2025	
	M25-004	SW1 Final rep/SWI emergency well & booster rep. for 10/24		42,687.50
			Total for Check Number 46063:	42,687.50
46064	M1086	MILLER MAXFIELD, INC.	06/13/2025	
	0525PV	Ribbon-cutting & planning/WTP Tour Social Media for 5/25		3,681.25
			Total for Check Number 46064:	3,681.25
46065	M1175	MONTEREY BAY ANALYTICAL SERVICE INC	06/13/2025	
	250507-107	Water Samples CDS for 5/7/25		2,471.00
	250520-101	Water Samples CDS for 5/20/25		2,658.00
	250521-064	Water Samples Surface Water for 5/21/25		1,562.00
	250521-073	Water Samples Algae Monitoring for 5/21/25		2,451.00
			Total for Check Number 46065:	9,142.00
46066	N251	NEWMAN WELL SURVEYS	06/13/2025	
	76750	Video Survey/Well HSPRW12 for 5/25		800.00
			Total for Check Number 46066:	800.00
46067	O217	OFFICE AND HOME CLEANING SERVICES	06/13/2025	
	2840	36 Brennan Mo. Office housekeeping for 5/25		600.00
	2841	76 Holohan Mo. Housekeeping for 5/25		600.00
			Total for Check Number 46067:	1,200.00
46068	P1160	MIKE PODLECH	06/13/2025	
	2640	CL Fisheries Support Prof. Services for 5/1 to 5/31/25		1,275.00
			Total for Check Number 46068:	1,275.00
46069	P180	PENINSULA MESSENGER LLC	06/13/2025	
	1476795	Monthly RaboBank Courier for 5/25		139.00
			Total for Check Number 46069:	139.00
46070	P500	PAJARO VALLEY LOCK SHOP LLC	06/13/2025	
	1-9804	9 Padlocks Keys for 6/25		156.96
			Total for Check Number 46070:	156.96
46071	P800	PG & E	06/13/2025	
	1787734656-3	Service at 1859 Beach rd/BW-2 for 5/7 to 6/5/25		24,894.15
	6238266992-7	Service at 32 Holohan Rear for 5/5 to 6/3/25		604.64
	9214983032-2	Service at 1931 Beach rd/BW-1 for 5/7 to 6/5/25		9,440.86
	9218085363-9	Service at 162 San Andreas Rd/HSP Pump for 5/7 to 6/5/25		10,304.84
	9968544374-1	Service at 36 Brennan St for 5/7 to 6/5/25		764.50
			Total for Check Number 46071:	46,008.99
46072	R40	CARDMEMBER SERVICE	06/13/2025	
	MAY2025	Agency Credit Card Purchases		3,587.71
			Total for Check Number 46072:	3,587.71
46073	S1000	SANTA CRUZ COUNTY FARM BUREAU	06/13/2025	
	108TH annual	(3) tickets 108th Annual Mtg for 6/25		300.00
			Total for Check Number 46073:	300.00

Check No	Vendor No / Invoice No	Vendor Name / Description	Check Date / Reference	Check Amount
46074	S1405	SC FUELS INC	06/13/2025	
	1052051	Agency Vehicles Fuel for 5/20 to 5/30/25		402.80
			Total for Check Number 46074:	402.80
46075	S1681	SHAMROCK OFFICE SOLUTIONS	06/13/2025	
	4384811-CAL	36 Brennan/Cont. printer usage/BW & Clr for 5/2 - 6/1/25		174.35
			Total for Check Number 46075:	174.35
46076	S830	RESOURCE CONSERVATION SANTA CRUZ COUNTY RCA	06/13/2025	
	24 CP 04	PV Water Conservation Prog 2024 for 1/1 - 3/31/25		53,614.23
			Total for Check Number 46076:	53,614.23
46077	S876	SANTA CRUZ SENTINEL	06/13/2025	
	1578005	Daily Office Newspaper 26 wks for 6/14 thru 12/13/25		311.10
			Total for Check Number 46077:	311.10
46078	V369	VERIZON WIRELESS	06/13/2025	
	6114860102	Agency Personnel Cell Ph.& Equipt. for 5/2 - 6/1/25		439.87
			Total for Check Number 46078:	439.87
46079	Z100	ZAG TECHNICAL SERVICES, INC.	06/13/2025	
	302704	Pre-paid KnowBe4 Security for 5/24		1,957.50
	302768	IT-PS Managed Computer/Server for 6/25		2,035.00
			Total for Check Number 46079:	3,992.50
			Total for 6/13/2025:	1,360,081.68
46080	UB*00694	KING & STEVEN KAJIHARA	06/18/2025	
		Refund Check 024181-000, SAN ANDREAS RD		108.53
			Total for Check Number 46080:	108.53
46081	UB*00542	RUDY C & ESTHER H VASQUEZ	06/18/2025	
		Refund Check 001986-001, 65 SPRINGFIELD RD		18.08
			Total for Check Number 46081:	18.08
			Total for 6/18/2025:	126.61
ACH	T359	THE STANDARD INSURANCE COMPANY	06/20/2025	
	00-649299-0087	Long Term Disability Benefits		623.92
			Total for this ACH Check for Vendor T359:	623.92
			Total for 6/20/2025:	623.92
ACH	G330	GUTIERREZ CONSULTANTS, INC.	06/25/2025	
	1999	MBLRP/Multi-Bnfit Land Rep.Prg Grant 5/1 to 5/31/25		786.50
	2000	DWR Watershed Resilience Grant for 5/1 to 5/31/25		3,432.00
			Total for this ACH Check for Vendor G330:	4,218.50
ACH	M1872	MICROSOFT	06/25/2025	
	E0400WEOPT	IT-Online Hydrology 365 Support for 5/17 - 6/16/25		12.50
			Total for this ACH Check for Vendor M1872:	12.50

Check No	Vendor No / Invoice No	Vendor Name / Description	Check Date / Reference	Check Amount
ACH	R305	RINCON CONSULTANTS, INC	06/25/2025	
	66661	Proj#24-16204 River Watershed Resilience for 5/25		123,219.75
			Total for this ACH Check for Vendor R305:	123,219.75
ACH	S2620	STATE WATER RESOURCES CONTROL BOARD-SWRCB	06/25/2025	
	D1501023	Fin/Agmnt/cont# D1501023 for Project#8072-120		76,206.06
			Total for this ACH Check for Vendor S2620:	76,206.06
ACH	T333	THE BANK OF NEW YORK MELLON TRUST CO.	06/25/2025	
	#2459859179-INV	PAJAROVWMA15/Acc#2459859179-INV for 6/25		1,375.00
			Total for this ACH Check for Vendor T333:	1,375.00
ACH	C1099	CAROLLO ENGINEERS INC	06/25/2025	
	FB67631	BMP Plan Prog Rpt for 5/1-5/31/25		17,168.44
	FB67652	HSR System Projects Design thru 5/31/25		37,896.56
	FB67849	WSR System Projects Design thru 5/25/25		105,637.25
			Total for this ACH Check for Vendor C1099:	160,702.25
ACH	S2865	SWCA ENVIRONMENTAL CONSULT. INC.	06/25/2025	
	221874	CL Integrated Resources Mngmnt Project for 5/1 - 5/31/25		15,530.70
			Total for this ACH Check for Vendor S2865:	15,530.70
ACH	T111	TANNER PACIFIC, INC	06/25/2025	
	225-209	CL Const. Mgmt. Pipeline Proj#582301.07 & 08 thru 5/31/25		180,154.95
			Total for this ACH Check for Vendor T111:	180,154.95
46082	A850	AVAYA FINANCIAL SERVICES.	06/25/2025	
	47216381	Phone/VM Lease Agreement for 6/1 - 6/30/25		435.12
			Total for Check Number 46082:	435.12
46083	A910	ATCHINSON,BARISONE,CONDOTTI	06/25/2025	
	34805	Legal General Matters for 5/1-5/31/25		1,910.57
			Total for Check Number 46083:	1,910.57
46084	C1580	SPECTRUM BUSINESS COMMUNICATIONS	06/25/2025	
	0154296062325	36 Brennan Line & Internet Services for 6/23 to 7/22/25		694.87
			Total for Check Number 46084:	694.87
46085	D310	UNITED STATES GEOLOGICAL SURVEY	06/25/2025	
	90107679	USGS PS & Expenses for Jan 1-Mar 31,2025		10,217.19
			Total for Check Number 46085:	10,217.19
46086	F360	FIRST ALARM, INC	06/25/2025	
	893307	Brennan & Holohan Qrtly Alarm Services for 7/1 to 9/30/25		951.27
			Total for Check Number 46086:	951.27
46087	K89	KARAS TECHNICAL SERVICES	06/25/2025	
	15311	Digital Files for 2025 Summer Newsletter for 6/25		250.00
			Total for Check Number 46087:	250.00
46088	M1175	MONTEREY BAY ANALYTICAL SERVICE INC	06/25/2025	
	250527-097	Water Samples Surface for 5/27/25		434.00
	250528-069	Water Samples Surface for 5/28/25		3,341.00
			Total for Check Number 46088:	3,775.00

Check No	Vendor No / Invoice No	Vendor Name / Description	Check Date / Reference	Check Amount
46089	M1865	MONTGOMERY & ASSOCIATES INC	06/25/2025	
	9090-25-2	M&A Review & Support PV WY 2024 Annual Rpt for 2/25		6,541.00
	9090-25-5C	PV Water Blend Well #4/Domestic CM PM for 5/25		4,285.50
			Total for Check Number 46089:	10,826.50
46090	S1010	SANTA CRUZ COUNTY FAIR	06/25/2025	
	2025 BOOTH	2025 Exhibitor Booth Outreach & Ed. for 6/25		650.00
			Total for Check Number 46090:	650.00
46091	U185	U.S. BANK EQUIPMENT FINANCE	06/25/2025	
	557636446	Contr#500-0753851/36 Brennan copier for 5/30 to 6/30/25		120.71
	558171914	Contr#500-0626919 Upstairs copier for 6/14 to 7/14/25		79.55
			Total for Check Number 46091:	200.26
46092	W400	CITY OF WATSONVILLE UTILITIES	06/25/2025	
	CUST#602389	Office Montly Utilities		176.34
			Total for Check Number 46092:	176.34
46093	Z100	ZAG TECHNICAL SERVICES, INC.	06/25/2025	
	302895	IT-Mo. Subs./base retention Agreement-Datto Cloud for 6/25		970.80
	303039	IT-Contract Mo.Subs/Agreement MS-365 Business P.for 6/25		362.00
	303101	IT-Professional Support Agreement for 6/25		3,255.50
			Total for Check Number 46093:	4,588.30
46094	Z125	ZANJERO, INC	06/25/2025	
	7128	Partner Outreach & action items for 4/25		2,147.50
	7186	Partner Outreach & action items for 5/25		7,817.50
	7249	Partner Outreach & action items for 6/25		4,483.75
			Total for Check Number 46094:	14,448.75
46095	G190	GREEN RUBBER KENNEDY AG. INC.	06/25/2025	
	W-589392	CDS Turnout Supplies for 6/25		143.36
			Total for Check Number 46095:	143.36
46096	M1010	MAGNOLIA GARDENING INC	06/25/2025	
	36241	76 Holohan Building Mo. Landscape Maint. for 6/25		90.00
	36305	36 Brennan Building Mo. Landscape Maint. for 6/25		100.00
			Total for Check Number 46096:	190.00
46097	P800	PG & E	06/25/2025	
	0688235687-3	Service at 76 Holohan Rd for 5/19 to 6/19/25		500.77
	2926809320-9	Service at 36 B Brennan St for 5/20 to 6/20/25		309.10
	3422109179-5	Service at 76 Holohan STE B Rd for 4/12 to 5/4/25		8,972.63
	3771390038-1	Service at Jensen Rd #3 for 5/16 to 6/17/25		30.78
	4291054495-8	Service at 475 San Andreas Rd for 5/19 to 6/19/25		4,014.23
	5290624576-7	Service at 2240 Beach Rd for 5/16 to 6/17/25		14.61
	5916054391-0	Service at 187C San Andreas Rd for 5/19 to 6/19/25		7,434.50
			Total for Check Number 46097:	21,276.62
46098	R320	RDO EQUIPMENT COMPANY INC	06/25/2025	
	P14988A5	Meter/Field supplies for 6/25		8,472.02
			Total for Check Number 46098:	8,472.02
46099	S1405	SC FUELS INC	06/25/2025	
	1059583	Agency Vehicles Fuel: Meter Reads & BM for 6/2 - 6/14/25		718.65
			Total for Check Number 46099:	718.65

Check No	Vendor No / Invoice No	Vendor Name / Description	Check Date / Reference	Check Amount
46100	S2150	SOUTHWEST VALVE, LLC	06/25/2025	
	49000B36500	CDS Turnout/valves field parts for 6/25		1,277.02
	49002B36696	CDS Turnout/Chemigation valves/ field parts for 6/25		2,489.06
	49003B36305	CDS Turnout/BFV valves/ field parts for 6/25		5,530.33
			Total for Check Number 46100:	9,296.41
46101	T345	THE HOME DEPOT CREDIT SERVICES	06/25/2025	
	1214111/8514695	Meter field supplies & toilet repair supplies for Holohan for 5/25		103.75
			Total for Check Number 46101:	103.75
			Total for 6/25/2025:	650,744.69
ACH	C571	CALIFORNIA BANK OF COMMERCE	06/27/2025	
	91602-24R	Escrow#1159045 Ret.CL Pro #30-39-501-for 4/1 - 4/30/25		18,216.79
			Total for this ACH Check for Vendor C571:	18,216.79
ACH	M2213	MOUNTAIN CASCADE, INC.	06/27/2025	
	91602-24	CL/Contr$44,989,854 Project#30-39-501 for 4/1 - 4/30/25		346,119.09
			Total for this ACH Check for Vendor M2213:	346,119.09
ACH	M2214	MOUNTAIN CASCADE, INC.	06/27/2025	
	91601-24	CL/Contr$23,707,310 Project#30-39-502 for 4/1 - 4/30/25		161,355.35
			Total for this ACH Check for Vendor M2214:	161,355.35
ACH	A1250	AFLAC- FLEX ONE	06/27/2025	
	EE Deferrals	EE PR Deferrals		661.52
			Total for this ACH Check for Vendor A1250:	661.52
ACH	N125	NATIONWIDE RETIREMENT SOLUTION	06/27/2025	
	EE Deferrals	EE PR Deferrals		5,260.00
			Total for this ACH Check for Vendor N125:	5,260.00
ACH	P1300	PERS-Fiscal Services Division Cashier Unit	06/27/2025	
	EE Deferrals	ER/EE Retirement Contributions		12,198.47
	EE Retirement Contrib	EE PR Deferrals		2,021.95
			Total for this ACH Check for Vendor P1300:	14,220.42
ACH	P555	PVWMA-Cafeteria Account	06/27/2025	
	EE Deferrals	EE PR Deferrals		1,086.68
			Total for this ACH Check for Vendor P555:	1,086.68
46102	S2875	STRATEGY DRIVER, INC	06/27/2025	
	1040	SDI Professional Services for 5/25		10,311.25
			Total for Check Number 46102:	10,311.25
46103	t305	TELSTAR INSTRUMENTS, INC.	06/27/2025	
	126549	IT Scada Upgrade Equipt/Brennan for 4/25		29,815.00
			Total for Check Number 46103:	29,815.00
			Total for 6/27/2025:	587,046.10
			Report Total (82 checks):	2,598,623.00

MEMORANDUM

DATE: July 11, 2025
MEETING OF: Julu 16, 2025
TO: Board of Directors
FROM: General Manager
RE: **INFORMATIONAL ITEM 9A:** Receive Update on Santa Cruz County Multi-Jurisdictional Hazard Mitigation Plan

BACKGROUND

The Federal Disaster Mitigation Act of 2000 requires local governments to develop and maintain a Hazard Mitigation Plan to remain eligible for Federal Emergency Management Agency (FEMA) hazard mitigation assistance programs. The County of Santa Cruz is leading the Multi-Jurisdictional Hazard Mitigation Plan (MJHMP) process through its Office of Response, Recovery & Resilience (OR3), with support from a consulting firm named Dynamic Planning + Science (DP+S). Santa Cruz County secured a FEMA Hazard Mitigation Grant Program (HMGP) award in 2024 to fund the planning effort. Cities and special districts across the county are participating in the process, contributing in-kind staff time to meet the local match requirement. PV Water staff is contributing to this effort by participating in the Santa Cruz County - Multi-Jurisdictional Hazard Mitigation Planning Committee.

DISCUSSION

A Hazard Mitigation Plan is a planning document required by FEMA that identifies natural hazards and outlines strategies to reduce long-term risks to people, property, and infrastructure. These plans help communities prepare for and recover from disasters. Planning began in late 2023, with initial outreach and grant proposal development. Santa Cruz County received the HMGP award in mid-2024 and selected Dynamic Planning + Science as its consultant team in fall 2024, following a competitive request for proposals process. To date, OR3 has held three MJHMP planning team meetings: January 27, 2025, March 27, 2025, and June 6, 2025. PV Water staff participated in a one-on-one meeting to identify and discuss PV Water's assets and risks related to those assets; a follow-up meeting is scheduled. Outreach, risk assessment, and plan drafting will continue through summer 2025. Once the MJHMP is complete, staff will bring it to the PV Water Board of Directors to consider adopting it. For additional project information, including the purpose and benefits of the MJHMP, the hazards deemed as high priorities based on public and stakeholder feedback, and progress on the planning process and next steps, please see the attached SCC-MJHMP Decision-Maker Briefing #1-Information Packet.

FISCAL IMPACT

There is no fiscal impact associated with this update.

STAFF RECOMMENDATION

The Board receives the update.

ATTACHMENTS

- SCC-MJHMP Decision-Maker Briefing #1-Information Packet

Santa Cruz County

Multi-Jurisdictional Hazard Mitigation Plan

Decision-Maker Briefing #1

Information Packet

Santa Cruz County MJHMP Decision-Maker Briefing #1

Information Packet

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SECTION 1. PURPOSE & LOGISTICS

As we continue to work together in developing the Santa Cruz County Multi-Jurisdictional Hazard Mitigation Plan (MJHMP), the time for jurisdictional adoptions early in 2026 is rapidly approaching. As such, it is important to begin engaging with elected and appointed officials responsible for final adoption of the MJHMP and jurisdiction-specific annex about the project and the extensive planning process that we've conducted together so far. This will help prepare them for their role in reviewing and adopting the plan. In addition, members of the community may approach them with questions or comments over the coming months, and this engagement will provide them with enough basic information to direct constituents appropriately.

For this reason, the Consultant Team has prepared this information packet and support materials for use by individual jurisdictions in proving a project update to their specific decision-makers. As further described in SECTION 2, following Decision-Maker (DM) Briefing #1, elected or appointed officials will:

- Understand the purpose and benefits of the plan;
- Understand the planning process conducted so far and next steps;
- Understand which hazards are high priority based on public and stakeholder feedback; and
- Where to find additional project information.

Scheduling

Each jurisdiction lead is responsible for reserving time on the agenda for their decision-makers at an upcoming meeting between now and release of the public draft in late September. Using the suggested agenda below and talking points provided in SECTION 2, approximately 15 to 20 minutes should be allocated for the briefing to engage with officials and answer any questions they may have.

Try to schedule DM Briefing #1 no later than mid-September

Consultant & County Support

The Consultant Team (Dynamic Planning + Science) and County Office of Response, Recovery, and Resilience (OR3) are available to support you in preparing for and making the presentation to your decision-makers in a variety of ways. If you would like a member of the Consultant Team or OR3 to attend your DM Briefing #1 to support and help answer any questions that may arise, please make this request no later than one week prior to the briefing (but sooner the better). This support may be provided virtually, by phone, or in-person. In-person support requests should be submitted at early as possible.

Let us know what level of support you need at least one week prior to the meeting

Suggested Agenda

Below is a suggested agenda for DM Briefing #1, based on the talking points provided in SECTION 2. Please feel free to use it, edit it, or to not use it. The briefing is intended to be just that – brief – so this agenda aims to provide a project overview and update in approximately 15 minutes, plus question and answer. A shorter briefing (or none) may be appropriate for jurisdictions that have recently engaged their decision-makers about the MJHMP effort.

Suggested Decision-Maker Briefing #1 Agenda

ID	Time	Action Item	Key Decision / Support Request
1	5 min	**Project Overview, Purpose & Benefits** (see Subsection 2.1) A. Project overview and schedule; B. Required planning process; and C. Purpose and benefits of the plan.	
2	5 min	**Key Findings So Far** (see Subsection 2.2) A. Summary of public and stakeholder engagement; B. Priority hazards; and C. Cross-cutting challenges.	Gain decision-maker buy-in
3	2 min	**Upcoming Milestones** (see Subsection 2.3) A. Public engagement opportunities; B. Public draft release; and C. CalOES/FEMA review and adoption proceedings.	Prepare decision-makers for their adoption role
4	0-5 min	**Question & Answer** (if needed)	

Presentation Template

Template slides have been prepared that coordinate with the above suggested agenda and the talking points in SECTION 2. Please feel free to use these slides, with or without your own edits, or to not use the slides at all.

Click Here to Download the Template Slides

SECTION 2. BRIEFING #1 TALKING POINTS

This section provides some basic talking points based on the suggested agenda in SECTION 1 that can be used to provide an overview of the project, communicate the purpose and benefits of mitigation planning, describe milestones met and those coming up, and summarize key findings (so far) on county-wide issues and for your specific jurisdiction. These talking points are suggestions, and more detail is provided in the following sections than may be necessary for the actual briefing.

2.1 PROJECT OVERVIEW, PURPOSE & BENEFITS

A. Project Overview & Schedule

The Santa Cruz County MJHMP project was **initiated December 2024** to address recurring natural hazard challenges that have increased sharply in the frequency and severity over the past seven years, including wildfires, flooding, and severe weather. Santa Cruz County received a **FEMA Hazard Mitigation Grant Program (HMGP) grant** to support the development of this MJHMP, which will provide a coordinated, strategic framework to reduce risks posed by natural hazards countywide. The plan will prioritize projects that mitigate future damage while positioning the participating local jurisdictions and their partners for additional grant funding. Ultimately, the MJHMP aims to strengthen resilience and protect residents, infrastructure, and natural resources from the growing impacts of climate-driven hazards.

The **County Office of Response, Recovery, and Resilience (OR3) is leading the project**, and we are **currently about halfway through the process** with several major milestones already completed, including the public survey launch and initial advertisement, multiple community engagement events, and many hazard mitigation planning team meetings.

B. Required Planning Process

The **Federal Disaster Mitigation Act of 2000 (DMA 2000)** mandates that state and local governments develop hazard mitigation plans to qualify for federal disaster grant assistance, including FEMA's Hazard Mitigation Assistance programs. Using a four-step planning process, DMA 2000 focuses on pre-disaster planning and preparedness to create communities that are more resilient to natural hazards. The process includes 1) organizing resources such as people, hazard data, and previous mitigation documents; 2) assessing current hazard risks and identifying top priorities based on updated mapping and data; 3) developing an actionable mitigation strategy that is responsive to community needs and capabilities; and 4) adopting, implementing, monitoring progress, and updating the plan on the required five-year schedule.

California Senate Bill (SB) 379 requires all municipalities to include climate adaptation and resiliency strategies in their general plan safety element upon the next revision of the general plan or the local hazard mitigation plan. In addition, **California Assembly Bill (AB) 2684** requires safety elements to address the hazard of extreme heat upon the next revision of one or more general plan elements as of January 1, 2028. This MJHMP will provide a vulnerability assessment that addresses climate change (including extreme heat) that the adaptation and resiliency strategies for SB 379 and AB 2684 can be based upon.

C. Purpose & Benefits of the Plan

The primary purpose of the plan is to guide officials in **protecting the people and property within Santa Cruz County from the effects of natural disasters** by identifying hazard risks and prescribing tailored mitigation actions to address these risks in ways that will help save lives, reduce damage and recovery time, and protect natural resources for future generations. An adopted hazard mitigation plan is also required to access certain funding before, during, and after a disaster, including FEMA hazard mitigation grants. Thus, another primary purpose of the MJHMP is ensuring **eligibility for state and federal funding**.

2.2 KEY FINDINGS SO FAR

A. Public & Stakeholder Engagement

Throughout the process of developing the MJHMP, members of the public and key stakeholders have been engaged to inform hazard mitigation priorities and goals, challenges and needs, and potential strategies to make the community more resilient to natural disasters. Engagement with key stakeholders includes four county-wide and two jurisdiction-specific planning team meetings, as well as several structured one-on-one conversations. Engagement with community members has occurred via the project website and our website and social media, and several in-person public events have also been conducted to gather feedback. One of the primary tools used to gather public input is the online survey, which was launched and initially advertised across the county in February and runs through August.

There have already been several community engagement events held across the county, including in conjunction with a bi-lingual wildfire preparedness workshop, earth day celebrations, and a community resource fair in March and April. Several parallel planning efforts have also been utilized to capture community input, such as the Pajaro Watershed Resilience Plan and Measure Q Vision Plan. Additional outreach is planned through the fall, when the public draft of the plan is release for review.

B. Priority Hazards

As part of the planning process conducted so far, we have identified priority hazards that will be the focus of the MJHMP. The prioritization process was based on an updated risk assessment using new data and mapping and also on preliminary results from community engagement efforts. Those hazards that emerged as most likely to have significant impacts–with a high potential of causing injuries, deaths, or damage to critical infrastructure and other property–were flagged and then further prioritized from medium to extreme risk. **County-wide priority hazards have been identified as:**

Wildfire

Flood (incl. Levee Failure)

Earthquake (incl. Liquefaction)

Severe Weather (incl. High Wind & Heavy Rain)

Coastal Hazards (incl. Coastal Storm, Erosion, Wave Run-Up, Surge & Tsunami)

Slope Failure

Dam Failure

Drought

Extreme Temperatures (incl. Extreme Heat & Cold)

Climate Change (incl. Sea Level Rise)

C. Cross-Cutting Challenges

Through the risk assessment process, we also identified county-wide and jurisdiction-specific challenges and areas of concern to help focus in on the types and locations of mitigation that would increase our resilience. Together with the priority hazards and an assessment of our jurisdiction's capabilities that's underway, this information lays the foundation for developing a mitigation strategy that is actionable, addresses our greatest vulnerabilities, and is responsive to our community's values and needs. **Major, cross-cutting challenges that have been identified are:**

Infrastructure Vulnerability Aging / Degraded Repetitive Damage	***Evolving Conditions*** Climate Change Funding Environment
Data & Capacity Gaps Hazard Mapping Multi-Jurisdictional Coordination Implementation Capacity	***Planning & Policy Needs*** Enhanced Outreach New / Updated Tools

2.3 UPCOMING MILESTONES

A. Public Engagement Opportunities

Public outreach and engagement activities will continue through the public draft release and up until the plan is submitted to CalOES for review. These upcoming activities consist of several in-person events scheduled in early- to mid-August around the county, including the **Watsonville Strawberry Festival, Capitola Makers Market, Farmers' Markets, and National Night Out events**. (Contact the Consultant Team for details on public engagement opportunities applicable to your jurisdiction.)

B. Public Draft Release

Once the plan has been drafted and reviewed internally by staff, it will be released to the public for review and comment. The public review period is planned for **September 29 to October 17**.

C. CalOES/FEMA Review & Adoption Proceedings

Followed by further refinement based on community comments received before being sent **for review by CalOES and FEMA in November and December**. Once the plan has been further refined through public, state, and federal review, it will be brought before this decision-making body for final review and formal adoption. We anticipate **adoptions to occur in late February or March of 2026**. It is important to note that it is the mitigation strategy within the MJHMP that is adopted; it does not include formal commitment of local resources. (Memos detailing adoption proceedings and potential requirements triggered by state law will be sent out by the Consultant Team in the coming weeks.)

MEMORANDUM

DATE: July 11, 2025
MEETING OF: July 16, 2025
TO: Board of Directors
FROM: General Manager
RE: **INFORMATIONAL ITEM 9B:** Receive Projects & Programs Update

BACKGROUND

Staff prepares the following report monthly with the intent of keeping the Board and public up to date with respect to capital projects planning, funding, and when applicable, construction.

DISCUSSION

- Grant Funded Projects
    - Department of Conservation (DoC) Multibenefit Land Repurposing Grant, $8.89 million: Staff and consultants continue to meet monthly with DoC staff and the Statewide Support Entity (SSE); staff and consultants are developing an Outreach and Engagement Plan and preparing for Community Meetings to commence later this summer; and the DoC has formally approved three projects included within the proposal: the Land Trust's Beach Ranch acquisition, PV Water's College Lake Project, and the Resource Conservation District's Recharge Net Metering infiltration basin.
    - Department of Water Resources Watershed Resilience Pilot Grant, $2 million: Recent activities include finalizing the Existing Network Assessment and conducting Asset Interviews; hosting Advisory Group Meeting #5 on July 26; hosting Workshop #3 to discuss "Initial Adaptation Strategies" on August 19, 2025, in person, at the Watsonville Community Room; submitted Invoice No. 4 in the amount of $391,543.51 to DWR on June 9, 2025, awaiting payment.
- College Lake Integrated Resources Management Project
    - Construction:
        - Water Treatment Plant & Intake Facility
            - Work continues on the Intake Facility and Water Treatment Plant; commissioning meetings are ongoing. ***The week of June 9, 2025, the contractor began sending treated College Lake water to PV Water customers as it was available through testing, which included producing flows at rates of 2,000 gallons per minute (gpm), 4,000 gpm, and 6,000 gpm.***
        - Supplemental Well No. 3 (SW3)
            - Contractors purged oil from the casing and cleaned the perforated screens at SW3 prior to performing a pump test, which achieved sustained flows of approximately 2,000 gpm. Work to design the pump and piping is underway.
        - Supplemental Well No. 4 (SW4)

        - SW4 has been drilled, developed, and pump tested.
    - Treated Water Pipeline
        - Meetings to discuss contract change orders due to impacts of the Differing Site Condition at Salsipuedes Creek and groundwater are ongoing; contract change orders are being issued for those items that have been resolved and agreed to.
  - Environmental: Biological resource monitoring is taking place as needed, and worker environmental training continues as needed; a nesting bird is delaying the completion of fencing around the water intake facility.
  - Adaptive Management Plan: Hydrologic monitoring, waterfowl monitoring, and steelhead surveys are ongoing; staff and consultants are preparing an annual report and discussing vegetation management needs.
  - Outreach Activities: Staff continue to post information about the project online. Please check https://www.pvwater.org/construction regularly for construction related updates.
- Watsonville Slough System Managed Aquifer Recharge & Recovery Projects
  - Permitting: Work on preparing permit applications continues, in addition, staff and consultants have updated the Struve Slough Water Availability Analysis and are preparing to add data to the hydraulic model to simulate additional wet years to meet State Water Resources Control Board requests to show water availability during specific months.
  - Environmental: The Board approved the addendum to the Environmental Impact Report on March 19, 2025.
  - Outreach: Communications are ongoing; staff and the support team continue to meet with property owners; several properties have entered escrow.
- Sustainable Groundwater Management Act Well Monitoring Network Expansion
  - Permitting: Staff have held preliminary discussions with the permitting agencies of Santa Cruz and Monterey Counties to identify the necessary requirements. Well permits and encroachment permits will be required by both counties, and a coastal development permit may be required for proposed wells in the coastal zone of Santa Cruz County.
  - Property Rights: Staff is engaged in discussions with property owners for proposed wells that would be located on privately owned land.
  - Environmental: Staff engaged Environmental Service Associates (ESA) to consult on California Environmental Quality Act (CEQA) and environmental compliance. Staff received a memorandum describing the results of a cultural resources database search to aid in the determination if the sites qualify for an exemption from CEQA.

FISCAL IMPACT

There is no fiscal impact associated with this monthly update.

STAFF RECOMMENDATION

The Board receives the update.

ATTACHMENTS

- None

MEMORANDUM

DATE: July 11, 2025
MEETING OF: July 16, 2025
TO: Board of Directors
FROM: General Manager
RE: **DISCUSSION / ACTION ITEM 10A:** Consider Adopting Resolution 2025-08, Amending the Delivered Water Users Handbook - 2025 Update

BACKGROUND

PV Water published the Delivered Water Users Handbook (Handbook) to provide staff and customers guidance regarding water system orders and deliveries. In 2008, the PV Water Board of Directors adopted Ordinance 2008-02, Establishing Rules and Regulations for Recycled Water Customers in Conformance with Title 22 of the California Code of Regulations. The Handbook was updated at that time to serve as a user-friendly guide to the rules and regulations established by Ordinance 2008-02. In August 2024, staff recommended that the Board approve an agreement with a consulting firm to facilitate a series of Delivered Water Customer Workshops that would be hosted by the Projects & Facility Operations Committee (Committee) with the purpose of overhauling the Handbook based on current conditions. The Board agreed with the recommendation and approved the agreement.

DISCUSSION

In September 2024, staff and consultants distributed a survey to Delivered Water Customers to solicit information regarding their experiences communicating with PV Water's staff, submitting water orders, receiving water orders, etc. On October 30, 2024, and November 19, 2024, the Committee hosted two Delivered Water Customer Workshops. The Workshop objectives were:

- Gain input from Customers on managing the delivered water system to maximize equity and effectiveness to meet State mandates and water demand pressures
- Educate Customers on operational and delivery challenges to meet the stated objectives and proactively manage expectations
- Resolve demand and supply challenges collectively to meet the business and groundwater sustainability goals of Customers and PV Water
- Build trust among Customers and PV Water staff by operating transparently and in agreement on the terms of water delivery engagement
- Solicit suggestions from Customers to meet their planning expectations
- Update the Water Users Handbook to reflect improved delivery practices

Following the workshops, staff and consultants worked to update the Handbook based on information received during the workshops and from the surveys. On May 20, 2025, the Committee hosted the third Delivered Water Customer Workshop. The Workshop objectives were:

- Review *Delivered Water Users Handbook* and confirm customer input.
- Understand shared accountability with PV Water and customers and how to optimize deliveries.
- Understand operational and delivery specifications.
- Discuss future goals to continue Program improvements.

After a productive discussion during the third Workshop, the Committee requested that staff bring the Handbook back to the Committee on June 25, 2025, for further discussion and a possible recommendation to the Board of Directors. On June 25, 2025, following further discussion of the Handbook, the Committee voted in favor of recommending the Board of Directors approve the Handbook. The Committee also recommended that the Handbook be reviewed annually, typically in January, or more frequently as desired. Committee members stated that the updated Handbook was well organized, easier to read, and overall much improved.

FISCAL IMPACT

The agreement for consultant support to facilitate three Delivered Water Customer Workshops and update the Handbook, among other tasks, is not to exceed $89,136.

STAFF RECOMMENDATION

The Board adopt Resolution 2025-08, Amending the Delivered Water Users Handbook – 2025 Update.

The Projects & Facility Operations Committee reviewed the Delivered Water Customer Handbook – 2025 Update during its May and June meetings, and in June voted in favor of recommending the Board adopt the amended Handbook.

ATTACHMENTS

- Delivered Water Customer Handbook – 2025 Update

Resolution 2025-08

A Resolution of the Board of Directors of the
Pajaro Valley Water Management Agency

Amending the Delivered Water Users Handbook

WHEREAS, in 1984, the State Legislature formed the Pajaro Valley Water Management Agency ("Agency") for the purpose, among others, of reducing long-term groundwater overdraft and seawater intrusion in the Pajaro Valley Groundwater Basin ("Pajaro Basin"), and to provide integrated management of the ground and surface water resources within the Pajaro Basin; and

WHEREAS, in 1994, the Agency adopted a long-term Basin Management Plan ("BMP"), which identified various water supply projects involving local water sources and importation of supplemental water to balance water demands with water supplies in the Pajaro Basin; and

WHEREAS, the Agency's first water supply project, the Harkins Slough Managed Aquifer Recharge & Recovery Facility became operational in 2002, and other facilities including supplemental water wells, a conveyance pipeline, and the Watsonville Area Water Recycling Facility (2009) followed; and

WHEREAS, the Agency's Board of Directors adopted Ordinance 2008-02 Establishing Rules and Regulations for Recycled Water Customers in Conformance with Title 22 of The California Code of Regulations; and

WHEREAS, the Rules and Regulations for Recycled Water Customers are designed to ensure that PV Water's recycled water system is operated in accordance with State laws and guidelines, as well as the adopted policies and procedures of PV Water's Board of Directors; and

WHEREAS, the Agency published a Delivered Water Users Handbook in 2002 and updated it several times, including a major revision in 2009 to accompany the Rules and Regulations for Recycled Water Customers; and

WHEREAS, the Delivered Water Users Handbook serves as a guide for delivered water customers and PV Water staff, to understand the Delivered Water Program and its requirements; and

WHEREAS, the Agency's Projects & Facility Operations Committee held three Delivered Water Workshops on October 30, 2024, November 19, 2024, and May 20, 2025, to:

- Gain input from Customers on managing the delivered water system to maximize equity and effectiveness to meet State mandates and water demand pressures
- Educate Customers on operational and delivery challenges to meet the stated objectives and proactively manage expectations
- Resolve demand and supply challenges collectively to meet the business and groundwater sustainability goals of Customers and PV Water
- Build trust among Customers and PV Water staff by operating transparently and in agreement on the terms of water delivery engagement
- Solicit suggestions from Customers to meet their planning expectations

- Update the Water Users Handbook to reflect improved delivery practices; and

WHEREAS, the Projects & Facility Operations Committee, during its June 25, 2025, meeting, voted in favor of recommending the Board of Directors approve the amended Delivered Water Users Handbook.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the Pajaro Valley Water Management Agency hereby:

1. Amends the Delivered Water Users Handbook – 2025 Update, as incorporated herein; and

2. Directs the Projects & Facilities Operations Committee to review the Delivered Water Users Handbook annually, or more frequently as desired.

PASSED AND ADOPTED by the Pajaro Valley Water Management Agency, County of Santa Cruz, State of California, on the **16th** day of **July 2025,** by the following vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

_____
Stephen Rider, Chair

Attest:

_____
Asia Valdiva, Board Secretary

D R A F T

DELIVERED WATER USERS HANDBOOK

Agricultural Water Delivery through the Coastal Distribution System

2025 Update

Pajaro Valley Water Management Agency

40 YEARS SINCE 1984

Important Emergency Information

For **distribution system emergencies**, the Water System Operator can be reached by telephone at (831) 750-6265 seven days a week twenty-four hours a day (24/7).

For **cross-connection emergencies**, in addition to first calling the Water System Operator, contact the California Department of Public Health (CDPH) District Engineer at (831) 655-6939. If during off hours, contact the California Office of Emergency Services–Warning Center (ask for CDPH Duty Officer-Drinking Water Program) at (800) 852-7550, available 24/7. See Appendix A for Emergency Procedures.

Emergency Contacts

Organization	Name	Contact Numbers / Addresses
PV Water	**Water System Operator** *Available 24/7*	(831) 750-6265 36 Brennan Street Watsonville, CA 95076
California Department of Public Health (CDPH)	**District Engineer (DE)** If the DE is unavailable, call the CalOES Warning Center's 24/7 phone number (see next row)	**CDPH Office** (831) 655-6939 District Engineer Department of Public Health Drinking Water Field Operations Branch 1 Lower Ragsdale, Bldg. 1, Suite 120 Monterey, CA 93940
California Office of Emergency Services (CalOES)	CalOES Warning Center (Ask for CDPH Duty Officer-Drinking Water Program) *Available 24/7*	(800) 852-7550 (916) 845-8911
Police, Fire, HAZMAT	Call directly	911 Santa Cruz County Sherriff (831) 471-1121 Monterey County Sherriff (831) 755-3733

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Delivered Water Users Handbook

Executive Summary

The **Delivered Water Program** is exemplary of how Pajaro Valley Water Management Agency (PV Water) activates its mission, as defined in the Strategic Plan:

> *"PV Water's mission is to achieve sustainable groundwater resources in the Pajaro Valley for our vibrant agricultural, commercial, industrial, and residential communities for today and future generations."*

Through the Delivered Water Program, customers use supplemental water (any combination of recycled water, surface water and/or groundwater) for agricultural purposes, reducing their reliance on groundwater for irrigation. Reduced reliance on groundwater supports local efforts to comply with the Sustainable Groundwater Management Act by *reducing the rate of seawater intruding into freshwater aquifers* and *reducing groundwater overdraft*.

The **Delivered Water Users Handbook** is a guide for customers, and PV Water staff, to understand the Program and its requirements. Delivered Water is subject to regulation by the State of California because it includes recycled water as a source. Therefore, it is important that customers understand and abide by the Handbook, as it explains state mandated rules and regulations with which our customers are obligated to comply; they are included as Appendix B.

The Handbook includes four main sections, as listed below followed by a short summary of the contents of each.

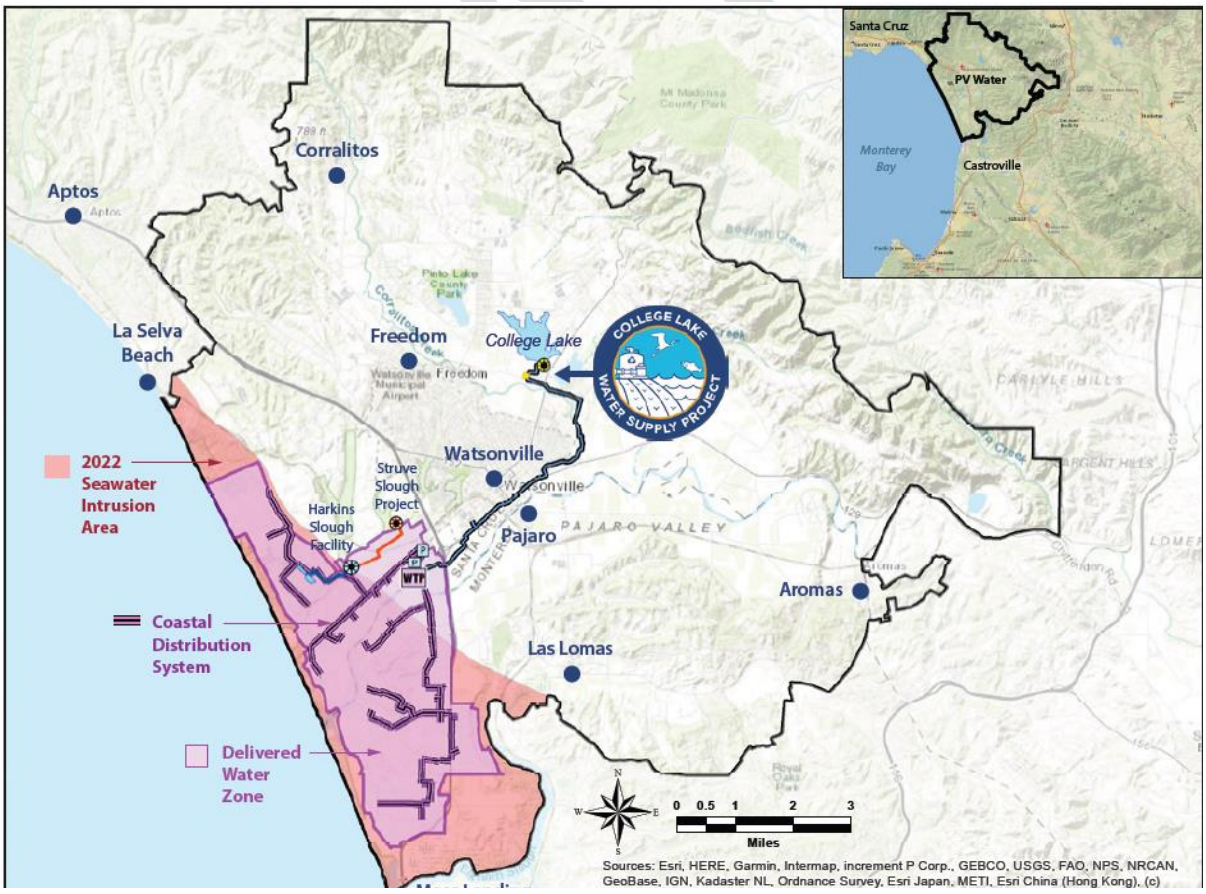
- **Section 1**: Introduction to Delivered Water
- **Section 2**: Becoming a Delivered Water Customer
- **Section 3**: How to Use Delivered Water
- **Section 4**: Communication Protocols
- Appendices

DRAFT

Executive Summary Section 1: Introduction to Delivered Water

Section 1 is an introduction to the Delivered Water Program and Users Handbook.

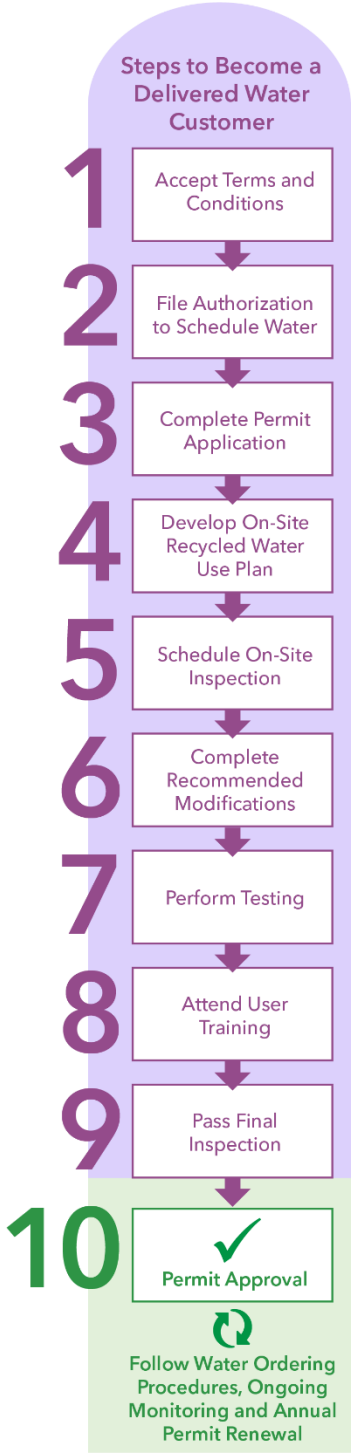
Section 1 Contents	
Section Heading	**Section Contents**
PV Water's Delivered Water Program	Definitions of Delivered Water and supplemental water, as well as the Delivered Water Program Vision and Code of Conduct as co-developed by the customer and PV Water.
Purpose of Delivered Water Users Handbook	Handbook history, its purpose, and information about the most recent update.
Delivered Water Sources	List and map of the supplemental water sources that are blended and conveyed to customers as Delivered Water.
Rules for Delivered Water	Rules and regulations (Title 22) affecting Delivered Water because it includes recycled water as a source.
Supporting Groundwater Sustainability	PV Water's role as a Groundwater Sustainability Agency and how the Delivered Water Program is an essential tool



Executive Summary Section 2: Becoming a Delivered Water Customer

Section 2 provides a detailed description of the 10-step process to become a Delivered Water customer.

1. **ACCEPT TERMS AND CONDITIONS.** Read and accept the Terms and Conditions to receive Delivered Water.
2. **FILE AUTHORIZATION TO SCHEDULE WATER.** Authorization from the parcel owner must be on file before a Permit Application can be approved.
3. **COMPLETE PERMIT APPLICATION.** Complete and submit permit application to PV Water for review.
4. **DEVELOP ON-SITE RECYCLED WATER USE PLAN.** Develop an On-Site Recycled Water Use Plan to describe the site and planned water uses in accordance with the *Rules and Regulations for Recycled Water Customers* and submit to PV Water for review. A Cross-Connection Control Survey may be required.
5. **SCHEDULE ON-SITE INSPECTION.** Schedule an On-Site Inspection with PV Water to verify information in the Permit Application and On-Site Recycled Water Use Plan.
6. **COMPLETE RECOMMENDED MODIFICATIONS**. Construct on-site modifications as recommended by PV Water.
7. **PERFORM TESTING**. Schedule an appointment with PV Water for backflow prevention device testing, or if required, arrange for a Cross-Connection Specialist to conduct cross-connection testing.
8. **ATTEND USER TRAINING**. Identify an On-Site Supervisor and ensure they, as well as any irrigators who will use Delivered Water at the site, receive training from PV Water prior to using Delivered Water.
9. **PASS FINAL INSPECTION**. Schedule a time for PV Water to confirm all site-specific requirements have been met, view signage and equipment labeling, and conduct a final cross-connection system test (when applicable).
10. **PERMIT APPROVAL**. PV Water approves permit, activates turnout, and customer pays applicable fees to receive water.



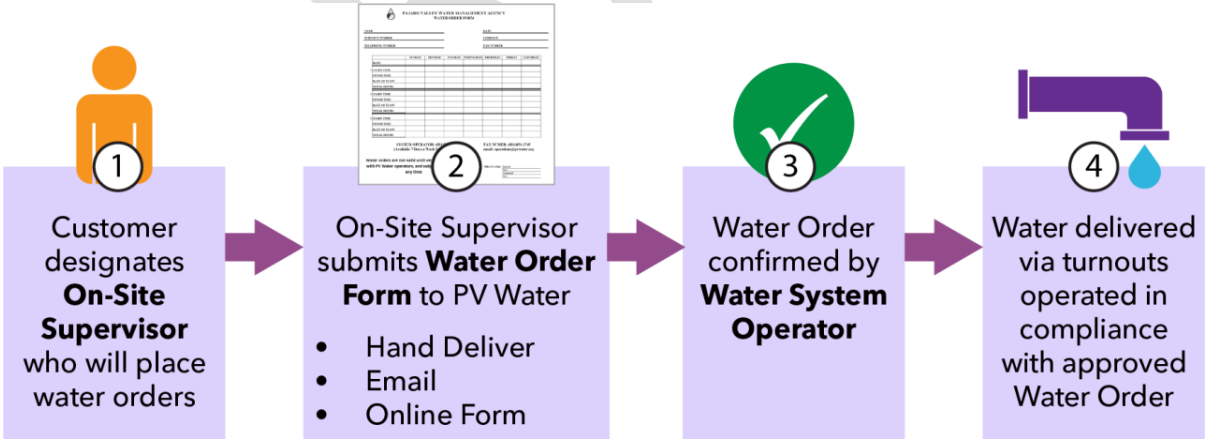
Executive Summary Section 3: How to Use Delivered Water

Section 3 describes the procedures for ordering and receiving Delivered Water, required on-site protective measures, and delivery prioritization methodology.

Water Ordering and Delivery Procedures Summary

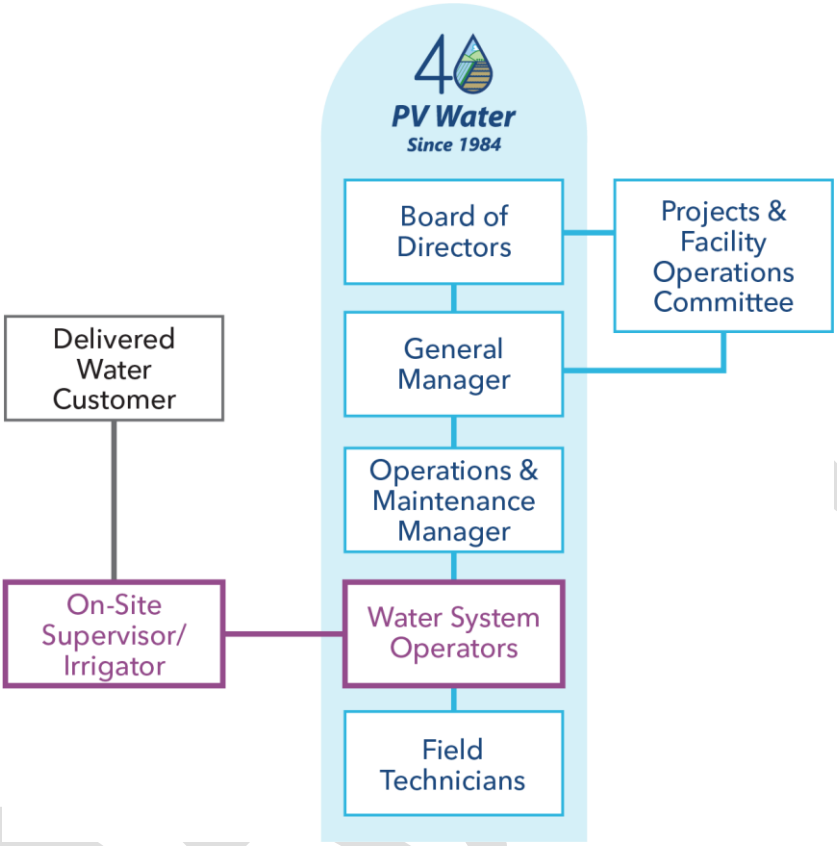
1. **Customer Designates On-Site Supervisor**: Delivered Water customers must assign an accountable On-Site Supervisor who will consistently place accurate water orders.
2. **On-Site Supervisor Submits Water Order**: The On-Site Supervisor completes the Water Order Form and submits a minimum of 48 hours in advance.
3. **PV Water Confirms Orders**: PV Water confirms water order times and flow rates with the On-Site Supervisor, according to Water Delivery Schedule availability.
4. **Water Delivered Per Water Delivery Schedule**: Water deliveries must be taken in compliance with the confirmed water order times and flow rates on the Water Delivery Schedule and the rules provided in the Handbook. Customer personnel formally trained by PV Water staff are the only authorized personnel who may operate the turnout butterfly valve to receive water deliveries and must follow the Handbook guidelines.

Water Ordering and Delivery Procedures



Executive Summary Section 4: Communication Protocols

Section 4 contains important contact information and communication practices.



The Delivered Water Users Handbook includes the following Appendices:

- Appendix A: Emergency Procedures
- Appendix B: Rules and Regulations for Recycled (Supplemental) Water Customers
- Appendix C: Glossary of Terms and Definitions
- Appendix D: Forms
- Appendix E: Backflow Prevention Device Specifications

The Delivered Water Users Handbook has seen iterations over time, and will continue to receive updates as the Program, PV Water, and the Pajaro Valley evolve and grow. The key to continued success is ongoing communication and shared expectations for both PV Water and its customers.

Section 1: Introduction to Delivered Water

Delivered Water is a blend of *Supplemental Water*, produced and conveyed to customers within the Delivered Water Zone (DWZ) based on customer requests. The definition of *Supplemental Water* per the Pajaro Valley Water Management Agency Act is as follows: *"surface water or groundwater imported from outside the watersheds of the groundwater basin, flood waters conserved and saved within the watersheds that would otherwise have been lost or not reached the groundwater basin, and recycled water."*

For this document, Supplemental Water is expanded to include groundwater from wells pumped into the network of pipelines used to convey water to customers through the Coastal Distribution System (CDS) to the DWZ. Customers access Delivered Water from the CDS using "turnouts," or access points, where customers attach their irrigation pipeline to the CDS to convey the water to their crops.

Delivered Water may only be used for agricultural-related/irrigation purposes. **Delivered Water is not a potable water supply, as it includes recycled water**.

PV Water provides Delivered Water with the express understanding that it is intended to be *supplemental* in nature and not expected to fully meet all demand from customers.

Frequently Used Terms

Delivered Water: A blend of Supplemental Water, produced and conveyed to PV Water customers within the Delivered Water Zone.

Coastal Distribution System (CDS): Network of pipelines, irrigation water wells, and appurtenances through which Delivered Water is conveyed.

Supplemental Water: Any combination of recycled water, surface water, and/or groundwater delivered to customers through PV Water's CDS for irrigation and other agricultural uses.

A glossary of commonly used terms and acronyms is included as Appendix C to this document.

PV Water's Delivered Water Program

PV Water operates its Delivered Water Program to meet two primary commitments:

- **PV Water's commitment to groundwater sustainability.** By delivering Supplemental Water to its customers, PV Water is reducing the need for groundwater pumping within the DWZ. By replacing groundwater pumping with Delivered Water, PV Water and its customers reduce the rate of seawater intrusion and negative impacts to groundwater quality, reduce groundwater overdraft, and help to stabilize groundwater levels.

- **PV Water's commitment to support the long-term sustainability of farming in the Pajaro Valley**. By delivering Supplemental Water, PV Water provides an additional source of irrigation water supply which helps to maintain agriculture, a vital part of the local economy and culture.

The foundation of this Handbook is built on PV Water's **Delivered Water Program Vision** and **Code of Conduct,** both of which are essential to the mutual success and achievement of the goals set by PV Water, its customers, and state and federal regulations. The Vision, as co-developed by PV Water and its customers in 2024, is provided below.

Delivered Water Program Vision

The success of the Delivered Water Program is incumbent upon customers and PV Water, in partnership with the City of Watsonville, to communicate and collaborate consistently, accurately, and transparently.

Together, we will improve accuracy related to the amount and timing of supplemental water available, water needed by customers, and actual water deliveries to align supply and demand expectations, maximize delivered water reliability, and evaluate cost of service strategies for Delivered Water customers.

The use of Delivered Water will help achieve sustainable groundwater resources and a vibrant farming economy for decades to come in the Pajaro Valley.

Code of Conduct

The Delivered Water Code of Conduct is a commitment between PV Water and its customers to abide by the Delivered Water Users Handbook to order, deliver, and receive supplemental water in accordance with Title 22 and procedures as outlined within the Handbook.

Purpose of Delivered Water Users Handbook

The purpose of the **Delivered Water Users Handbook** (Handbook) is to provide information to customers about Delivered Water Service and to aid in compliance with relevant rules and regulations.

The Handbook was originally developed circa 2002 to set guidelines pertaining to customer use of Delivered Water. When the Watsonville Area Water Recycling Facility was preparing to commence operations, adding *recycled water* to PV Water's supplemental water portfolio, the Handbook was modified in 2008 to be a companion document to the regulatory-mandated *Rules and Regulations for the Recycled Water Customers*, which the PV Water Board of Directors

adopted via Ordinance 2008-02 in June 2008. In the time since, the Handbook has been periodically reviewed and updated by PV Water's Projects & Facility Operations Committee.

In 2024, the Projects & Facility Operations Committee hosted two Delivered Water Customer Workshops to discuss the state of operations with customers and to consider revisions to the Handbook, which are reflected in this edition.

This updated Handbook outlines procedures to become a Delivered Water customer, including how to request and receive water deliveries. The procedures described in this Handbook will be revised periodically in collaboration with the Projects and Facility Operations Committee and Delivered Water customers.

Delivered Water Sources

Delivered Water includes the following Supplemental Water sources that are blended and delivered through the CDS:

- Watsonville Area Water Recycling Facility
- College Lake Integrated Resources Management Facility (anticipated completion – Summer 2025)
- Watsonville Slough System Managed Aquifer Recharge and Recovery Project
  - Harkins Slough Diversion (operational)
  - Struve Slough Diversion (anticipated to be constructed in 2027 & 2028)
- City of Watsonville Potable Water
- Supplemental Water Wells

Figure 1 is a map of PV Water's Delivered Water system showing Supplemental Water source locations listed above, the DWZ where customers receive Delivered Water, and the network of pipelines in the CDS.

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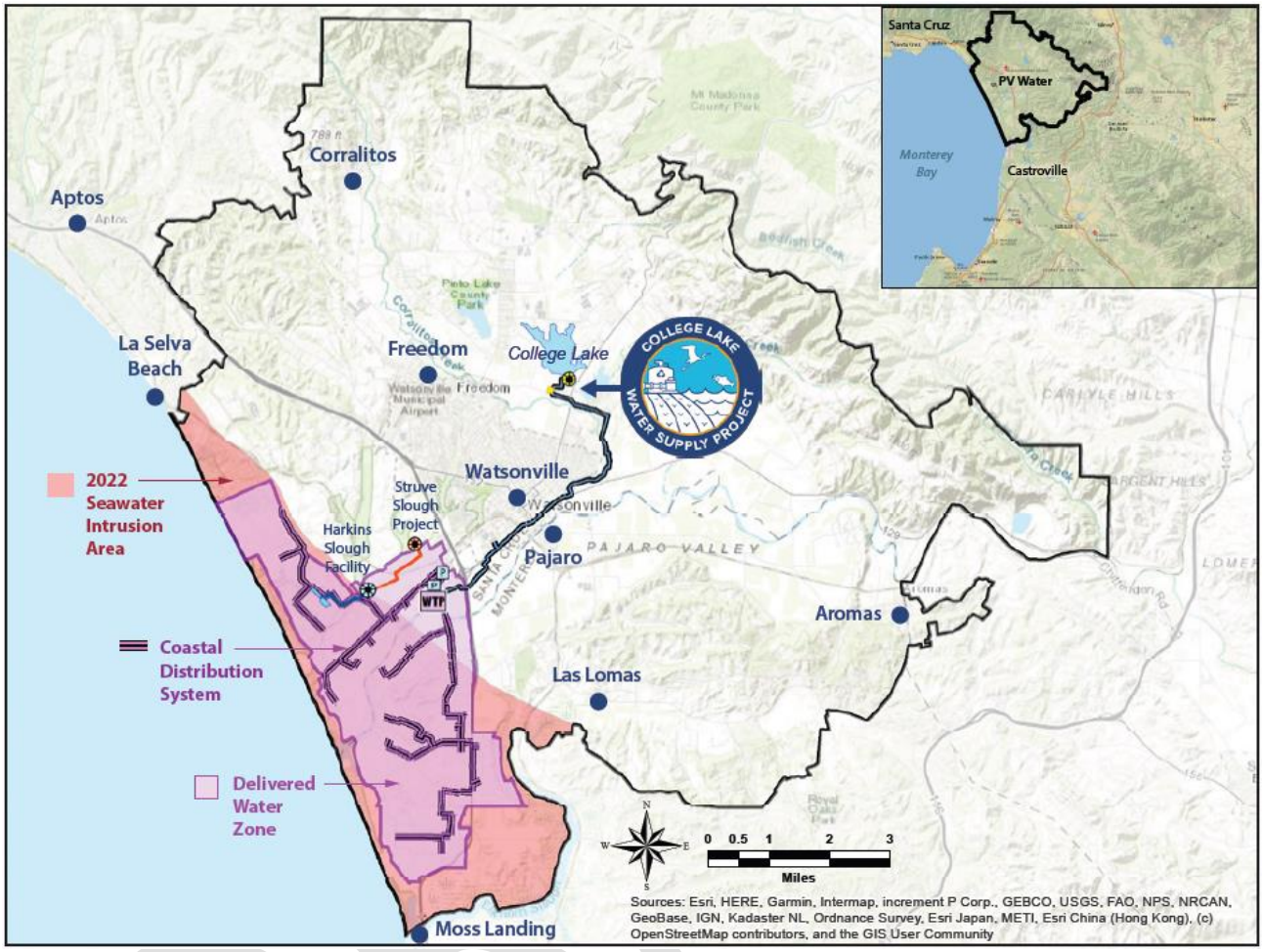
Figure 1. Delivered Water System Map



Rules for Delivered Water

Delivered Water is subject to regulation by the State of California because it includes ***recycled water*** as a source. Applicable rules and regulations, ordinances, and specifications that govern the use of recycled water are shown in **Table 1**.

Table 1. Documents Governing the Use of Recycled Water

Document Title	Organization
California Code of Regulations, Title 22, Division 4, Wastewater Recycling Criteria	California Department of Public Health
California Code of Regulations, Title 17, Regulations Relating to Cross-Connections	California Department of Public Health

Document Title	Organization
Master Reclamation Permit for Distribution of Recycled Water (Order # R3-2008-0039)	Central Coast Regional Water Quality Control Board (Region 3)

PV Water's *Rules and Regulations for Recycled Water Customers* (Appendix B) are designed to comply with the documents listed above and largely inform the processes described in this Handbook. All Delivered Water customers **must agree to follow the *Rules and Regulations for Recycled Water Customers***.

IMPORTANT! NON-POTABLE WATER!

Delivered Water contains recycled water and is not potable.
Use of Delivered Water for potable purposes is specifically prohibited.

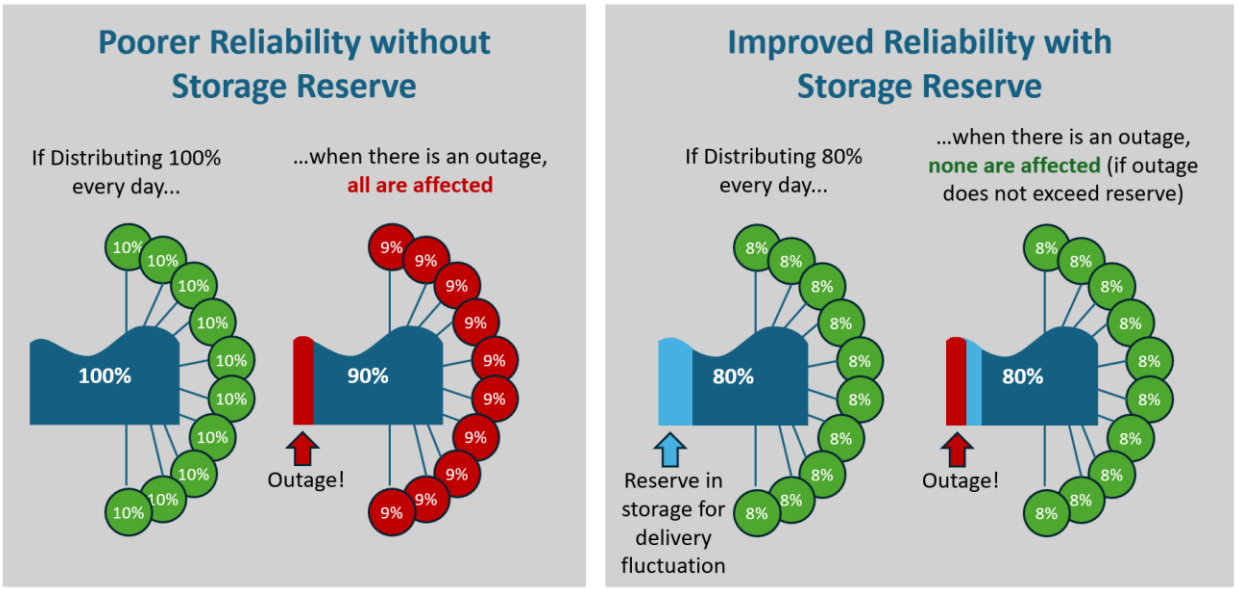
Supporting Groundwater Sustainability

PV Water, as the Groundwater Sustainability Agency for the Pajaro Valley Groundwater Basin (No. 3-002-01), is charged with achieving sustainable groundwater resources by 2040. Operating the Delivered Water Program is an essential tool to reduce the rate of seawater intruding into freshwater aquifers, to reduce groundwater overdraft, and to preserve farming. The full suite of projects and management actions designed to achieve sustainable groundwater resources in the groundwater basin is described in detail in PV Water's *Basin Management Plan: Groundwater Sustainability Update 2022* (GSU22), which is available on the Sustainable Groundwater Management webpage: https://www.pvwater.org/sgm.

Delivered Water Reserves

The demand for Delivered Water often exceeds the existing supply during the peak irrigation months over the summer, and because water supply amounts fluctuate year-over-year and PV Water facilities are subject to unplanned interruptions (e.g., due to power outages, and/or other circumstances), PV Water has developed a procedure to improve reliability for customers. As more facilities are constructed, the reliability of the system will improve. However, as presented at the 2024 Projects & Facility Operations Committee Growers Workshop, Figure 2 illustrates how to keep a percentage of available supply in reserve so that customers are less affected during unplanned interruptions to regular operations.

Figure 2. Conceptual Illustration for Storing Water in Reserve



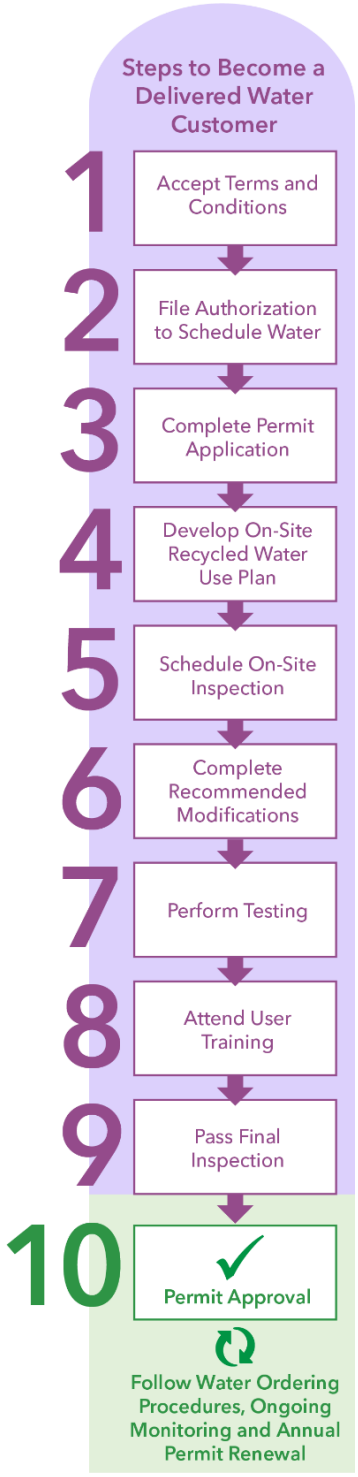
Disclaimer

The amount of Delivered Water that PV Water can deliver will vary based on numerous factors, including but not limited to water supply and quality, the amount of rainfall received, operational limitations, customer demand, and other unforeseeable events. While PV Water seeks to reliably deliver Delivered Water, it makes no promise that the amount of Delivered Water actually delivered will completely satisfy each individual customer request or need. No amount of Delivered Water is guaranteed. PV Water disclaims all liability to customers if the amount of Delivered Water actually delivered does not fully satisfy a customer's Delivered Water request. Delivered Water users understand that in participating in the PV Water Delivered Water program, Delivered Water users agree to accept and assume any and all risks, known or unknown, including but not limited to the risk of crop loss. By voluntarily accepting all risks, known and unknown, to the fullest extent permitted by law, Delivered Water users agree not to assert any claim, institute any suit or other legal process against PV Water, its officers, officials, employees, or agents for injury or damage resulting from or in any way related to its participation in the Delivered Water program.

Section 2: Becoming a Delivered Water Customer

There is a 10-step process to become a Delivered Water customer. A summary of the steps is listed below, followed by detailed descriptions of each step.

1. **ACCEPT TERMS AND CONDITIONS.** Read and accept the Terms and Conditions to receive Delivered Water.
2. **FILE AUTHORIZATION TO SCHEDULE WATER.** Authorization from the parcel owner must be on file before a Permit Application can be approved.
3. **COMPLETE PERMIT APPLICATION.** Complete and submit permit application to PV Water for review.
4. **DEVELOP ON-SITE RECYCLED WATER USE PLAN.** Develop an On-Site Recycled Water Use Plan to describe the site and planned water uses in accordance with the *Rules and Regulations for Recycled Water Customers* and submit to PV Water for review. A Cross-Connection Control Survey may be required.
5. **SCHEDULE ON-SITE INSPECTION.** Schedule an On-Site Inspection with PV Water to verify information in the Permit Application and On-Site Recycled Water Use Plan.
6. **COMPLETE RECOMMENDED MODIFICATIONS**. Construct on-site modifications as recommended by PV Water.
7. **PERFORM TESTING**. Schedule an appointment with PV Water for backflow prevention device testing, or if required, arrange for a Cross-Connection Specialist to conduct cross-connection testing.
8. **ATTEND USER TRAINING**. Identify an On-Site Supervisor and ensure they, as well as any irrigators who will use Delivered Water at the site, receive training from PV Water prior to using Delivered Water.
9. **PASS FINAL INSPECTION**. Schedule a time for PV Water to confirm all site-specific requirements have been met, view signage and equipment labeling, and conduct a final cross-connection system test (when applicable).
10. **PERMIT APPROVAL**. PV Water approves permit, activates turnout, and customer pays applicable fees to receive water.



Upon request, PV Water may offer assistance with many of the steps outlined below (e.g., coordination with applicable State and local agencies). Contact PV Water for information about assistance that may be available.

Step 1: Accept Terms and Conditions

Customers agree to follow the **Terms and Conditions to Receive Delivered Water** by applying for and using Delivered Water.

Terms and Conditions to Receive Delivered Water

NO TRANSFERS. The customer shall not transfer Delivered Water distributed by PV Water to other water districts or agencies. Delivered Water shall not be applied to lands that are outside the DWZ.

REGULATORY COMPLIANCE. The delivery of water is subject to all state and federal regulations, ordinances, and resolutions of the PV Water Board of Directors as they may exist now or hereafter be amended or adopted. Board-adopted ordinances are available on the PV Water website at the following URL: https://www.pvwater.org/resources-references. In the event that this URL is modified in the future, please contact PV Water for updated information. In the event of a conflict between the provisions of this Delivered Water Users Handbook and the regulations, ordinances and resolutions, the more restrictive or higher authority (e.g., state is higher than county) shall prevail.

WATER ORDER FORM. Customers agree to use the Water Order Form, as described in **Section 3** of this document, to provide water orders in advance. Consistent and correct use of the form allows PV Water to efficiently manage the distribution system.

WATER DELIVERY SCHEDULE. Customers will follow the Water Delivery Schedule (see example in Appendix D) that is maintained by PV Water based on approved water orders. If customers do not follow the schedule, the system may not be capable of providing water for all customers. The Water Delivery Schedule **does not guarantee the quantities of water requested** and is subject to change.

WATER FLOW AND PRESSURE. Upon start-up of a turnout, the Water System Operator will adjust the pressure as needed, depending on the location, site system pressure, and customer's intended irrigation type. Subsequent pressure adjustments will be made by PV Water as requested by the customer and may be subject to an administrative fee for each adjustment. **Customer adjustment of delivery pressure using the PV Water pressure and flow control valve is not permitted** and constitutes a violation of the Terms and Conditions, which may subject the customer to fines and penalties. The customer can adjust water flow with the customer valve (see page 24), however the flow delivered must correspond to the approved amount in the recorded Water Order. The designed maximum water delivery flows for each turnout cannot be exceeded, but lower flow amounts and pressure can be delivered.

DELIVERIES BY REQUEST ONLY. PV Water will only provide Delivered Water pursuant to a request from the customer for delivery at a specified flow rate, during specified times, to a specified turnout. **Requests are not valid until verbally confirmed by the Water System Operator.** It is the responsibility of the customer to make the request as described in Section 3 of this Handbook.

NON-POTABLE USE ONLY. The water delivered by PV Water is not potable and use of Delivered Water for potable purposes is **prohibited**. PV Water cannot warrant the suitability of the water for any particular agricultural use at any time. While PV Water will make a reasonable effort to deliver the highest quality water possible, given the limits of available water supply, Delivered Water quality may vary substantially due to variances in the water sources. While PV Water makes a reasonable effort to make information about the quality of Delivered Water available (salinity, turbidity, etc.), the customer is responsible for determining whether the water is suitable for the proposed application (Refer to Section 7.0, Conditions of Service, of the *Rules and Regulations for Recycled Water Customers, Appendix B*).

PENALTIES. PV Water may assign a lower priority for water orders, lock the delivery facilities of, discontinue water service, and/or enforce any of the penalties outlined in the Delivered Water Users Handbook upon any customer who violates these Terms and Conditions, the *Rules and Regulations for Recycled Water Customers*, or the procedures of the Delivered Water Users Handbook.

PRIORITIZATION. Customers must accept the prioritization guidelines as outlined in this Delivered Water Users Handbook in Section 3.

PV Water may update these Terms and Conditions with approval of the Projects and Facility Operations Committee.

Step 2: File Authorization to Schedule Water

The Authorization to Schedule Water is included in Appendix D: Forms. It authorizes lessee(s), sub-lessee(s), operator(s), and/or affiliate(s) (“Authorized Representative”) to apply for a Recycled Water Use Permit, purchase, and place water orders through the named turnout number. Authorization from the owner of the parcel on which a turnout exists must be on file before a Permit Application can be approved.

PV Water will notify the landowner by certified mail upon receipt of a Recycled Water Use Permit Application from an Authorized Representative. The landowner will have five (5) business days from the receipt of written notice to object (in writing) to the application. This authorization will be effective until the term end date as specified by the landowner on the form.

Step 3: Complete Permit Application

To comply with State regulations, all prospective customers must complete, and submit to PV Water, a Recycled Water Use Permit Application (see Appendix D: Forms).

The application requires the following information:

- Turnout Number
- Ranch Name or Description
- Site address or location
- List of all parcels that will receive Delivered Water from this turnout
- Applicant's name, address, and contact information
- Applicant's relationship to the subject property (legal owner, tenant, or lessee)
- Contact information for the customer's designated On-Site Supervisor, including address and 24-hour phone number
- Description of planned Delivered Water use on the property
- Total irrigated area, expressed in appropriate units (square feet, acres)
- Estimated annual flow and peak flow at point of connection (gallons per minute)
- Property land use type
- Identification of other governmental entities that may have regulatory jurisdiction over the site related to on-site water use, drinking water, food handling, or public health issues (e.g., U.S. Department of Agriculture, State Food and Drug, State Licensing and Certification)
- Wells or other water sources
- Signatures of both the On-Site Supervisor and the Applicant

For more information on the Recycled Water Permit Application Process, see Section 8.1 of *Rules and Regulations for Recycled Water Customers* (Appendix B). For information on permit costs, contact PV Water.

Step 4: Develop On-Site Recycled Water Use Site Plan

As part of the Recycled Water Use Permit Application, an On-Site Recycled Water Site Plan is required. A summary of the required information is provided below. For full instructions, see the On-Site Recycled Water Service Plan Form in Appendix D: Forms.

On-Site Recycled Water Use Site Plan Contents Summary

- All residences and other buildings on the site
- Boundaries of the intended use area
- Adjacent streets
- Locations of all major improvements on the site

- All facilities supplied with recycled or potable water service
    - Facilities include, but are not limited to, drinking fountains, restrooms, outdoor eating areas, decorative fountains and showers
    - If there are no facilities located in the defined use area, then a note on the plan must indicate that no facilities exist
- Any wells, lakes, ponds, reservoirs, storage tanks or other water impoundments located on-site or within 100 feet of the site
- Proposed signage location(s) and types
- Description of what will be irrigated (e.g., landscape, specific food crops)
- Method of irrigation (i.e., spray, flood, or drip)
- Location of potable water pipelines and domestic water supply wells in or adjacent to the use area
- Description of site containment measures
- Direction of drainage and description of the area to which the drainage will flow
- Protection measures of drinking water fountains and designated outdoor eating areas
- Proposed irrigation schedule (if public access is included)
- Measures to be taken to exclude or minimize public contact
- Proposed uses that include **impoundment** and the purpose of the impoundment
    - Description of the degree of public access
    - Conditions under which the impoundment can be expected to overflow and the expected frequency
    - Direction of drainage and description of the area to which the drainage will flow
- Information on piping, if space permits, or a **Piping Plan**
- Any other relevant items

Step 5: Schedule On-Site Inspection

After receiving an application and site plan, PV Water will conduct an on-site inspection for the following purposes:

- Verify the information provided in the Recycled Water Use Permit Application and On-Site Recycled Water Use Site Plan
- Identify site improvements or modifications needed to comply with PV Water's *Rules and Regulations for Recycled Water Customers*
- Assess preliminary cross-connection potential

PV Water may recommend modifications as a result of the inspection or information provided in the application or site plan.

Step 6: Construct Recommended Modifications

Identification Devices and Language

Identification devices shall be used to identify various components of the site's Delivered Water system. Some examples of identification devices are:

- Tags (e.g. for valves)
- Tape (e.g. for piping)
- Stickers (e.g. for piping)
- Signs (e.g. for impoundments)

Figure 3. Example Recycled Water Signs

Buffer Zones

No impoundment of Delivered Water shall occur within 100 feet of any potable (domestic) water supply well, *as Delivered Water may contain recycled water*.

No irrigation with Delivered Water, *which may at any time may contain recycled water*, shall occur within 50 feet of any potable (domestic) water supply well unless ALL conditions listed below have been met:

- Geological investigation shows an aquitard exists at the well between the ground surface and the uppermost aquifer being drawn from
- Well contains an annual seal from the ground surface into the aquitard
- Well is housed to protect wellhead facilities from spray irrigation
- Ground surface around well is contoured to drain surface water away from the well
- Owner of the well approves the elimination of the buffer zone requirement

If a customer wishes to eliminate the 50-foot buffer zone for irrigation around a potable water supply well, the customer shall submit appropriate documentation to demonstrate to PV Water that the conditions above have been met (e.g. geological reports, well drilling records). This documentation should accompany the On-Site Recycled Water Use Site Plan.

Vehicle Identification

Any vehicle used to transport Delivered Water shall be clearly marked with labels or signs.

- These labels or signs shall contain the words "RECYCLED WATER - DO NOT DRINK" in black, two-inch high minimum letters on a purple background.
- The label shall also include any other appropriate languages to accommodate the customer's irrigation personnel who do not read English.
- One label or sign shall be placed on the tank closest to both the driver and passenger doors.
- One label or sign shall be placed on the rear surface of the tank.
- All labels and signs shall be placed where they can easily be seen by the personnel using the vehicle.

Distribution Piping

PV Water approval is not required for typical daily or seasonal relocation of irrigation lines. Changes to the irrigation piping must not create any cross-connection between the well head and/or on-site potable system, per State regulation. **The backflow device shall not be bypassed.**

PV Water approval is required for modifications that include:

- Adding, deleting, or switching on-site wells
- Modifications to piping located between the backflow device and the well
- Modifications to any PV Water required backflow device
- Interconnection of piping intended to serve any other property not specifically listed in the permit

Backflow Prevention

Connections to supplement or backup Delivered Water (that may at any time contain recycled water) with water from a **public potable water system** shall be made only through an air-gap separation which complies with the requirements of Sections 7602(a) and 7603(a) of Title 17, California Code of Regulations.

Connections to supplement or backup Delivered Water with water from a **private potable water system** (e.g., on-site domestic well) shall be made through an air-gap separation (see Appendix E for details).

Connections to supplement or backup Delivered Water with water from a **private irrigation water well** shall be made through an AWWA-approved Double Check Device or Reduced Pressure Principal (RP) Assembly (see Appendix E for details).

Step 7: Perform Testing

Cross-connection and backflow prevention device tests must be completed to receive Delivered Water. Customers shall submit test results to PV Water.

Cross-Connection Testing

This requirement is applicable to sites with:

1) a connection to a potable water system –**or**–
2) a private potable water well

Customers must have a cross-connection test performed by an AWWA-certified Cross-Connection Control Specialist.

Backflow Prevention Device Testing

This requirement is applicable to sites with installed backflow prevention devices. It is the responsibility of the customer to have backflow devices tested to ensure their proper function prior to receiving Delivered Water and to provide copies of passing backflow prevention device test results to PV Water.

Step 8: Attend Training

PV Water provides training on the *Rules and Regulations for Recycled Water Customers* and methods for training customer operations personnel. Customers must identify an **On-Site Supervisor** and ensure they, as well as any irrigators who will use Delivered Water at the site, attend PV Water training and refresher sessions.

Step 9: Pass Final Inspection

PV Water will conduct a final on-site inspection before the customer is connected to Delivered Water. This inspection should occur after the final cross-connection test, if required. PV Water's inspector will check to see that the proper equipment is being used and that all required tags, labels, and signs are in place. The inspection includes a coverage test to verify that conditions which create runoff or windblown spray outside the approved use area, and/or ponding within

the use area, do not exist. Spray patterns will be checked to see they do not encroach upon areas outside the approved use area.

Step 10: Permit Approval

PV Water will approve the permit when:

- All paperwork is complete
- Construction is complete in accordance with approved plans
- All cross-connection tests are performed
- Final on-site inspection is conducted
- All requirements are met satisfactorily

After the Recycled Water Use Permit is approved and all applicable fees have been paid, PV Water will authorize the activation and use of the turnout. PV Water periodically inspects customer systems to ensure compliance with the Handbook and all applicable rules and regulations.

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Section 3: How to Use Delivered Water

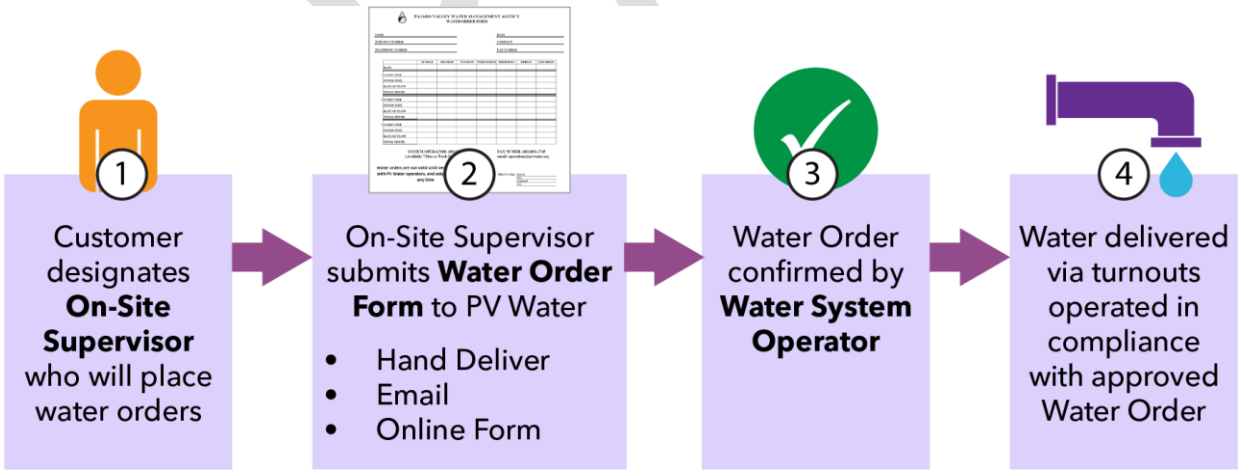
Authorized Uses of Delivered Water

Delivered Water contains recycled water and therefore is limited to on-site agricultural irrigation ONLY. Pending system capacity, limited use may be authorized by PV Water on a case-by-case basis for dust control, on-site construction, or earthwork related to agriculture. **The State's list of approved uses of Recycled Water (Title 22), includes additional uses, however they fall outside of the processes described in this document and are not approved for use in the PV Water service area**. For more information on Authorized Uses of Delivered Water, see Appendix B: *Rules and Regulations for Recycled Water Customers*, Section 4.1.

Water Ordering and Delivery Procedures

To maximize use of the limited supply of Delivered Water available and ensure this highly valued resource is available to all customers, it is crucial that all Delivered Water customers follow the procedures for ordering as instructed below. Proper adherence to these procedures ensures prompt response to emergencies, continued deliveries to all customers, and efficient operation of PV Water's distribution system. Water Ordering Procedures are summarized in **Figure 4**.

Figure 4. Water Ordering and Delivery Procedures



1. Customer Designates On-Site Supervisor

Delivered Water customers must assign an accountable **On-Site Supervisor** who will consistently place accurate water orders.

2. On-Site Supervisor Submits Water Order

The On-Site Supervisor completes the **Water Order Form** (see **Figure 5** below and Appendix D) and submits a minimum of **48 hours in advance** by the following methods:

Hand-delivery (Monday through Friday, 7:00 AM to 3:00 PM)

- PV Water office: 36 Brennan Street, Watsonville
- Drop box near Turnout 13: 2268 West Beach Road, Watsonville

Email

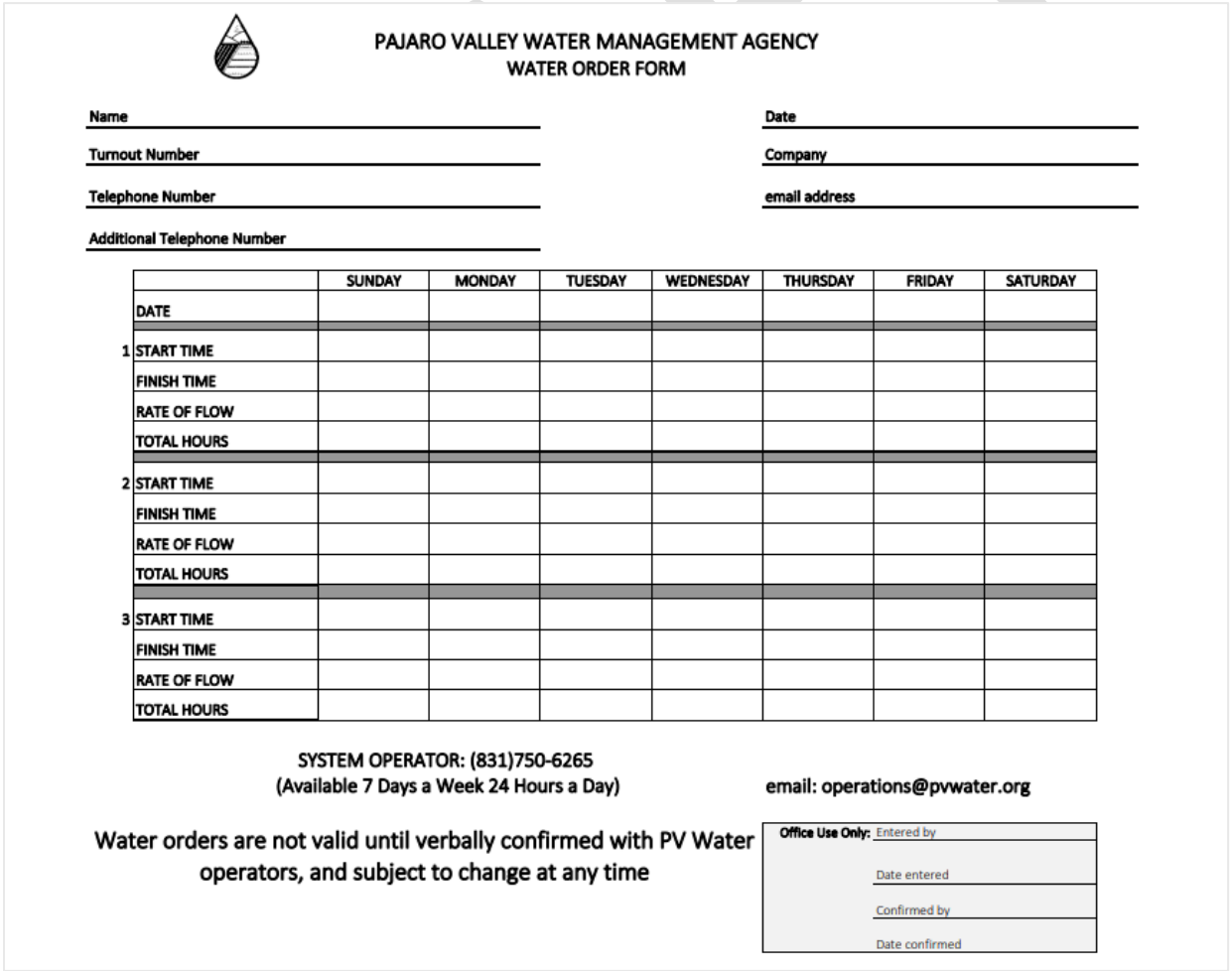
- Send to: operations@pvwater.org

Online

- Through PV Water's online form

Customers must provide accurate water orders and not over-order.

Figure 5. Water Order Form



PAJARO VALLEY WATER MANAGEMENT AGENCY
WATER ORDER FORM

Name _____ Date _____

Turnout Number _____ Company _____

Telephone Number _____ email address _____

Additional Telephone Number _____

		SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	DATE							
1	START TIME							
	FINISH TIME							
	RATE OF FLOW							
	TOTAL HOURS							
2	START TIME							
	FINISH TIME							
	RATE OF FLOW							
	TOTAL HOURS							
3	START TIME							
	FINISH TIME							
	RATE OF FLOW							
	TOTAL HOURS							

SYSTEM OPERATOR: (831)750-6265
(Available 7 Days a Week 24 Hours a Day)

email: operations@pvwater.org

Water orders are not valid until verbally confirmed with PV Water operators, and subject to change at any time

Office Use Only: Entered by
Date entered
Confirmed by
Date confirmed

Flow Rates and Times

- Requested flow rates will be a **minimum of 200 gallons per minute (gpm)** with additions in multiples of **50 gpm**.
- Maximum flow rates at each turnout are limited by the design capacity of the turnout.
- Requested **delivery duration will be a minimum of 2 hours with additions in multiples of 1 hour.**
- Orders **will not be accepted more than 14 days** in advance of the requested delivery date.

Monday Deliveries

Water orders for Monday delivery must be placed prior to **3:00 PM on the previous Friday**. Be advised, during peak irrigation season the schedule fills quickly, customers are encouraged to place their orders for the following week by 12:00 PM on the previous Friday.

High Demand Periods

PV Water may elect to require additional notice for placing water orders (**u**p to one week in advance) during high-demand periods.

3. PV Water Confirms Orders

The **Water System Operator** confirms orders. Water Orders are not valid until confirmed by PV Water. PV Water and its customers share the responsibility for the system to operate in a manner that minimizes disruptions in system pressures while maximizing the amount of water delivered on a daily and seasonal basis.

4. Water Delivered Per Approved Order

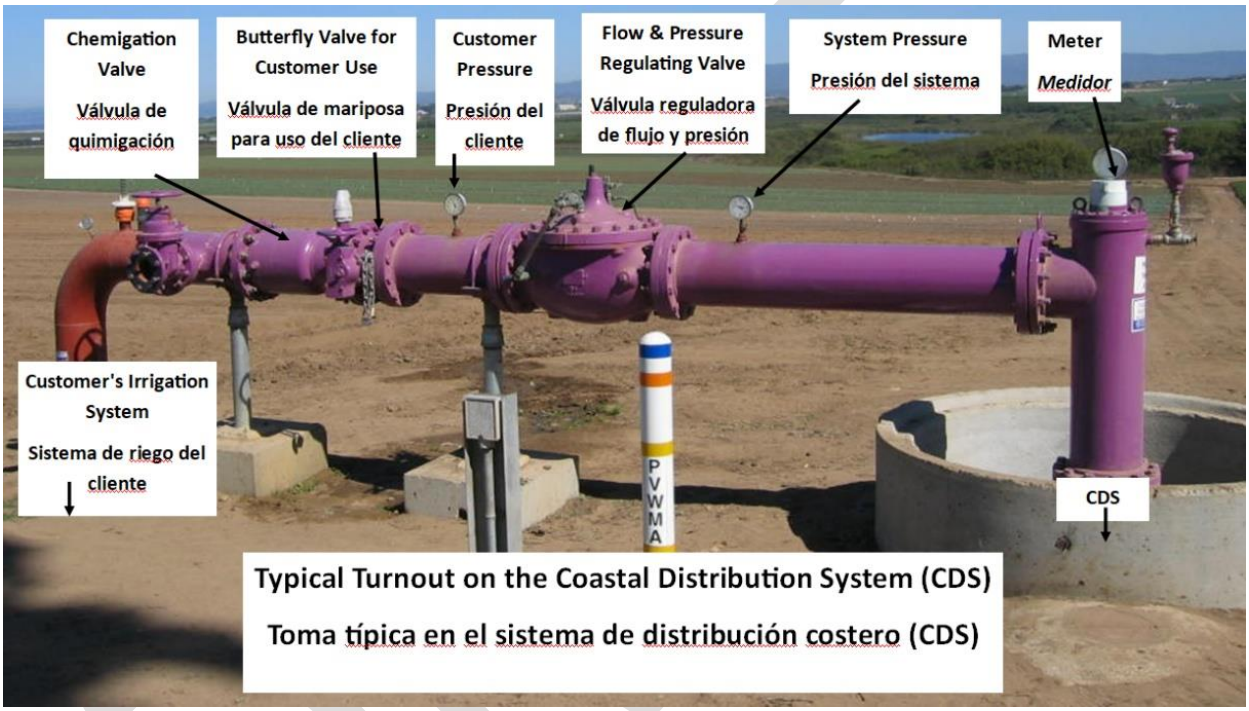
Water deliveries must be taken in compliance with an approved Water Order and the rules provided in this Handbook. Customer personnel **formally trained by PV Water staff** are the only authorized personnel who may operate the turnout butterfly valve to receive water deliveries and must follow the guidelines below.

- On the day of delivery, water deliveries must **start and stop within five minutes** before or after the approved times, unless the Water System Operator is notified by phone.
- On the day of delivery, actual flows (as indicated by the turnout meter) must be set within **25 gpm below or above the approved flow rate.**
- Customers may change the flow rate and duration of water order from one irrigation event to another if such changes are reflected in the customer's water order. If changes

are requested after PV Water has confirmed the water order, then changes must be confirmed verbally with the Water System Operator prior to making the changes. Flow adjustments should only be made at the beginning of the scheduled delivery and should not be changed without notifying the Water System Operator by phone.

- Customer adjustment of delivery pressure using the PV Water pressure and flow control valve **is not permitted**. The customer may only adjust water flow with the customer valve (**Figure 6**).

Figure 6. Typical PV Water Turnout



Failure of customers to follow PV Water's procedures when operating turnouts can be harmful to the distribution system and create problems for other customers. **It is very important that irrigators notify the Water System Operator by phone if there are any on-site changes from the approved water order needed on the day of delivery. Texts and emails are not acceptable forms of notification to request day-of changes, as the on-call system is not equipped to receive texts and emails might not be received in time for PV Water to adjust the system pumps.**

Rescheduling

Change requests, other than for emergencies, must be received by the Water System Operator at least twelve (12) hours prior to the requested change. Requests for changes in delivery should be made in writing and specify the turnout number, the requested change (time and/or flow rate), and a contact telephone number for confirmation and notification purposes.

Notification of emergencies for pipeline breaks and leaks should be phoned in to the Water System Operator on duty as soon as possible. **See Appendix A for Emergency Procedures.**

The Water System Operator will accommodate change requests using the following priorities:

1. **Emergency changes necessary to protect life and property**
2. Requests for early delivery terminations
3. Requests for reduced delivery flow rates
4. Delivery orders delayed from the previous day
5. Current delivery orders
6. Requests for increased delivery flow rates

The Water System Operator will confirm the irrigation time with the customer at least 4 hours in advance of the rescheduled starting time. **Customers who make excessive changes to water orders may be given lower priority for scheduling, as described in Section 3.**

The Water System Operator will take actions to modify project operations in response to conditions threatening human life, property damage, or damage to PV Water facilities. In all cases, preservation of human life and prevention of personal injury will be the highest priority.

Required On-Site Protective Measures

Protective Measures are designed to prevent threats to human life, property, or damage to PV Water and customer facilities. Protective Measures described in this section include:

- Supervising Water Use
- Monitoring and Inspection
- Periodic Cross-Connection and Backflow Prevention Device Testing

Supervising Water Use

It is the responsibility of the Delivered Water customer to provide surveillance and supervision of the Delivered Water system and infrastructure to ensure compliance at all times with current regulations. In order to *accomplish this, the customer shall designate, with the approval of PV Water, an* On-Site Supervisor as a liaison with PV Water. The On-Site Supervisor must be a full-time employee responsible for the on-site distribution system who is available at all times and has the authority to carry out any requirements requested by PV Water.

The On-Site Supervisor should always be available during scheduled use of the turnout and make frequent visits to the Delivered Water use site as described in the Recycled Water Use Permit. Installation, operation, maintenance, and prevention of potential hazards on the

designated use site and potable water systems are the responsibility of the customer via the established On-Site Supervisor.

On-Site Supervisor Responsibilities

The On-Site Supervisor's **primary responsibility is** to ensure the following:

- No cross-connections are made between any potable and recycled (Delivered) water systems
- Backflow devices are installed and operating properly, and tested as described in this Delivered Water Users Handbook
- Delivered (recycled) Water is being properly used and other requirements (signage, training of workers, prohibited uses, etc.) are being implemented as per the requirements of the approved permit
- Orders are accurate and submitted in a timely manner

On-Site Supervisor Requirements

The customer shall ensure that the On-Site Supervisor satisfies the following minimum requirements:

- Be knowledgeable of the following:
  - Provisions contained in the *Rules and Regulations for Recycled Water Customers* (Appendix B)
  - Provisions contained in this Delivered Water Users Handbook
  - Information in the customer's specific Recycled Water Use Permit
  - Provisions of Title 17 and Title 22 as related to the safe use of recycled water and maintenance of accurate records
- Be familiar with and trained in the basic concepts of backflow and cross-connection prevention, system testing, and related emergency procedures
- Should be permanently stationed at the permitted use site, or at a minimum, make frequent visits to the Delivered (recycled) Water use site as specified in the Recycled Water Use Permit
- Attend a training workshop facilitated by PV Water before their first delivery of recycled (Delivered) water and attend a refresher training workshop at a minimum of every two (2) years

The customer must notify PV Water immediately of any change in personnel for the On-Site Supervisor position.

Monitoring and Inspection

Because Delivered Water contains recycled water as a source, self-monitoring shall take place while Delivered Water is being used, and shall include observations of the following:

- Evidence of **runoff** of Delivered Water from the site
- Evidence of **direct spraying** of Delivered Water on potable water fixtures or food handling facilities
- Evidence of **prolonged ponding** of Delivered Water as a result of excessive irrigation, and evidence of mosquito breeding as a result of ponding
- Adequate posting of **warning signs** or notices to inform the public of the use of Recycled Water for irrigation
- Maintenance of the required **buffer distance** from wells and other areas to be protected
- Indicators of **damage**, such as:
    - Odor of wastewater origin at or near the site
    - Leaks or breaks in the irrigation system
    - Broken or defective sprinklers or emitters
    - Overflows or leaks from storage facilities or impoundments

PV Water may conduct periodic inspections of Delivered Water use sites. These inspections shall include, at a minimum:

- Visual inspection of all backflow prevention devices, pump rooms, exposed piping, valves, pressure reducing stations, points of connection, sprinklers, drip system emitters, controllers, lakes, storage facilities, signs, labeling, tags, and other equipment as needed
- The On-Site Supervisor's maintenance records shall be inspected to review all maintenance since the last inspection

Periodic Cross-Connection and Backflow Prevention Device Testing

The Delivered Water customer shall be responsible for conducting a periodic cross-connection test and backflow prevention device test as required in the *Rules and Regulations for Recycled Water Customers* (Appendix B), unless visual inspections reveal a requirement for more frequent testing. Results shall be submitted to PV Water. The On-Site Supervisor must be present during all tests. PV Water may require more, or less, frequent cross-connection or backflow prevention device testing, if conditions dictate.

On-going Cross-Connection Tests

Cross-connection tests must be performed at least annually by customers with connections to any of the following:

- Potable water system
- Private potable water well
- Private irrigation/non-potable water well

These tests do not need to be completed by an AWWA Certified cross-connection specialist. Customers shall submit results of cross-connection tests to PV Water.

On-going Backflow Prevention Device Tests

Backflow prevention devices must be tested annually to verify functionality. Results of backflow prevention device tests shall be submitted to PV Water.

Delivery Prioritization

Agronomic irrigation scheduling relies on the application of the correct amount of irrigation water at the proper times to maximize crop yield while also promoting the efficient use of irrigation water. It is the goal of PV Water to develop scheduling priorities that facilitate this agronomic approach to water management, while maintaining public health and maximizing water system flexibility, reliability, and convenience for customers.

Delivered Water is scheduled to customers based on a "first request received, first served" basis using the **date of receipt** of the completed Water Order Form (Appendix D). Water orders are generally scheduled one week in advance, but not later than 48 hours in advance, and approved by Friday the week before.

As outlined in the Rules and Regulations, PV Water may at its discretion, make the allocation of Delivered Water for the best and highest use of the water in a manner most efficient for preserving and restoring the groundwater basin, and may establish priorities for water assignments to balance salt loadings, meet customer needs, or other criteria. This prioritization shall be adhered to in the assignment of water deliveries.

This includes, but is not limited to, the prioritization of customers who entered into a written contract with PV Water for the lease, sale, or donation of an existing well or leased, sold, or donated real property for PV Water to drill a new well to PV Water, with an express contractual provision of first priority basis. Those customers will have first priority within each timing bracket, outlined below. During periods of high demand, water requests may be re-scheduled to optimize water deliveries to meet the needs of PV Water operations and priorities based on system capacity and the priorities for customers as listed below:

- **FIRST COME, FIRST SERVED. Water requested up to one week in advance** will have first priority based on date received, with an *exception to help protect crops in stages of transplanting or germination* and subject to those customers with first priority basis. For crops in stages of transplanting or germination, notification is required at least 24 hours in advance to allow the Water System Operator to arrange the schedule accordingly, however it is advised to notify the Water System Operator 7 days in advance of plans to ensure there is adequate room on the schedule.

- Customers who have excessively abused the flexibility of the system for non-emergency situations (e.g., repeated same-day verbal requests, making excessive or last-minute changes to approved schedules, flow rates, and times) **will be given lower priority, and/or have service shut off, and/or be locked out, and may forfeit their privileges** to be a Delivered Water customer.

Penalties and Fees

To ensure compliance with the Terms and Conditions to Receive Delivered Water, *Rules and Regulations for Recycled Water Customers,* and procedures outlined in the Handbook, **PV Water will enforce the following penalties** as provided in *Section 7.4 Penalty for Violations* found in the *Rules and Regulations for Recycled Water Customers* (Appendix B) and excerpted below.

> ***Public Nuisance**. The use of recycled water in any manner in violation of these Rules and Regulations, or any permit issued hereunder is hereby declared a public nuisance and shall be corrected or abated as directed by the Agency. Any person who violates any provision of these Rules and Regulations or any permit issued hereunder shall be liable pursuant to Section 1108 of the Agency Act for civil penalties in the amount of one thousand dollars ($1,000.00) per day for each day of that violation, in addition to any other penalties that may be prescribed by law.*
>
> ***Injunction**. Whenever a use of recycled water is in violation of these Rules and Regulations, or any permit issued hereunder, or otherwise causes or threatens to cause a condition or nuisance, the Agency may seek injunctive relief as may be appropriate enjoin such discharge or use.*
>
> ***Permit Revocation**. In addition to any other statute or rule authorizing termination of recycled water service, the Agency may revoke a permit issued hereunder if a violation of any provision of these Rules and Regulations is found to exist or if use of recycled water causes or threatens to cause a nuisance.*

> ***Penalty***. *Any owner and/or operator who violates any penal provision of this Ordinance shall, for each day of violation, or portion thereof, be subject to a fine not exceeding $1000.00. In addition, recycled service to the property may be terminated as a penalty for such violation.*

From time to time there may be amendments to the existing Rules and Regulations as approved by the PV Water Board of Directors by ordinance. These amendments may be made without the consent of the Delivered Water customer. These amendments will be enforced upon their effective date.

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Section 4: Communication Protocols

Delivered Water customers and PV Water must follow communication protocols to ensure efficient and effective water ordering and delivery of the shared and limited supplemental water supply. As shown in **Figure 7**, the customer designates an On-Site Supervisor who is responsible for compliance with this Delivered Water Users Handbook and for submitting water orders to the Water System Operator. The Water System Operator reports to PV Water's General Manager, who is accountable to the Board of Directors.

The Projects & Facility Operations Committee advises the Delivered Water Program and makes recommendations to the Board. The Committee also serves to communicate issues and concerns regarding water quality and project operations between the Agency, landowners and growers within PV Water's service area. Customers are encouraged to attend the Projects & Facility Operations Committee monthly meetings as published on PV Water's website.

To improve communication with customers, PV Water is in the development phase of a digital dashboard to communicate real-time information that the customers can access 24/7.

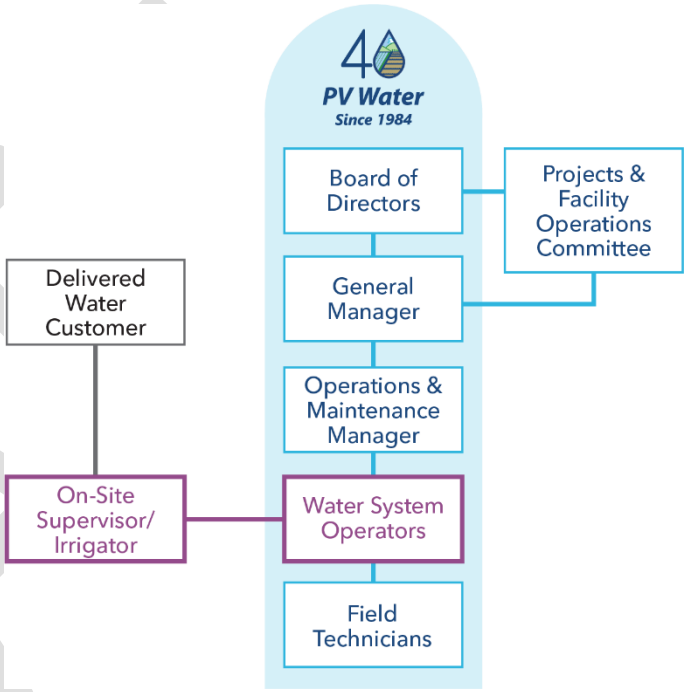

Figure 7. Communication Channels

Non-Emergency Contacts

Organization	Name	Contact Information
PV Water	**Water System Operator**	(831) 750-6265 operations@pvwater.org
PV Water	**Operations and Maintenance Manager**	(831) 722-9292
PV Water	**General Manager**	(831) 722-9292

For emergency contacts, see **Appendix A: Emergency Procedures**.

Appendix A: Emergency Procedures

In the event that a backflow incident or cross-connection is suspected or occurs, the following procedures shall be implemented immediately.

Emergency Procedures

1. **Notify the PV Water and the California Department of Public Health (CDPH) by phone immediately (see Emergency Contacts below).** This notification is to be followed by a written notice within 24 hours to PV Water and CDPH. The written notice is to include an explanation of the nature of the cross-connection, date and time discovered, and the steps taken to mitigate the cross-connection(s).
2. Keep the potable water system pressurized and post **"Do Not Drink" signs** at all potable water fixtures and outlets in both English and Spanish.
3. Immediately shut down the Supplemental Water supply to the facility at the meter.
4. Provide bottled water for employees until the potable water system is deemed safe to drink.
5. Collect water samples from the potable water system and **perform a 24-hour bacteriological analysis**. Water samples should be collected from the closest acceptable point to the cross-connection. PV Water may supply the appropriate sample bottles, obtain the samples and arrange for laboratory analysis.
6. Identify the cause and location of backflow and eliminate the cross-connections.
7. Conduct a cross-connection test verifying that all cross-connections were eliminated.
8. If the bacteriological analysis conducted in Number 5 above is positive, chlorinate the potable water system maintaining a chlorine residual of **at least 50 mg/l for 24 hours**. If the bacteriological analysis is negative, proceed to Number 11.
9. Flush the potable water system after 24 hours (without discharging flushed non-dechlorinated water to surface waters) and perform standard bacteriological analysis.
10. If the results from Number 9 are acceptable to PV Water and to the CDPH, proceed to Number 11. Otherwise, repeat Numbers 8-9.
11. Obtain final approval from PV Water and CDPH before removing signs or bringing the Supplemental or potable water systems back into service.

Emergency Contacts

Organization	Name	Contact Numbers / Addresses
PV Water **(notify immediately)**	**Water System Operator** *Available 24/7*	(831) 750-6265 operations@pvwater.org 36 Brennan Street Watsonville, CA 95076
California Department of Public Health (CDPH) **(notify immediately)**	**District Engineer (DE)** If the DE is unavailable, call the CalOES Warning Center's 24/7 phone number (see next row)	**CDPH Office** (831) 655-6939 District Engineer Department of Public Health Drinking Water Field Operations Branch 1 Lower Ragsdale, Bldg. 1, Suite 120 Monterey, CA 93940
California Office of Emergency Services (CalOES)	CalOES Warning Center (Ask for CDPH Duty Officer-Drinking Water Program) *Available 24/7*	(800) 852-7550 (916) 845-8911
Police, Fire, HAZMAT	Call directly	911 Santa Cruz County Sherriff (831) 471-1121 Monterey County Sherriff (831) 755-3733

- For **distribution system emergencies**, the Water System Operator can be reached by telephone at (831) 750-6265 seven days a week twenty-four hours a day (24/7).
- For **cross-connection emergencies**, in addition to first calling the Water System Operator, contact the California Department of Public Health (CDPH) District Engineer at (831) 655-6939. If during off hours, contact the California Office of Emergency Services – Warning Center (ask for CDPH Duty Officer-Drinking Water Program) at (800) 852-7550, available 24/7. Follow the Emergency Procedures in Appendix A.

Appendix B: Rules and Regulations for Recycled (Supplemental) Water Customers

In 2008, the PV Water Board of Directors adopted the *Rules and Regulations for Recycled Water Customers*, attached here as Appendix B, to comply with the applicable rules and regulations, ordinances, and specifications that govern the use of recycled water. The *Rules and Regulations for Recycled Water Customers* apply to the entire Supplemental Water Program because, in addition to other sources, the program uses recycled water as a source.

The *Rules and Regulations for Recycled Water Customers* incorporate the documents shown in the table below.

Document Title	Organization
California Code of Regulations, Title 22, Division 4, Wastewater Recycling Criteria	California Department of Public Health
California Code of Regulations, Title 17, Regulations Relating to Cross-Connections	California Department of Public Health
Master Reclamation Permit for Distribution of Recycled Water (Order # R3-2008-0039)	Central Coast Regional Water Quality Control Board (Region 3)

All Delivered Water customers **must agree to follow** PV Water's *Rules and Regulations for Recycled Water Customers* if they want to participate in the Delivered Water Program.

Appendix C: Glossary of Terms and Definitions

Acre-Foot (AF) – Volume of water required to cover one acre to a depth of one foot (43,560 cubic feet). An acre-foot equals 325,851 gallons

Aquitard – Geologic formation or stratum that has low permeability and restricts the flow of water between aquifers. It allows only a small amount of liquid to pass through, acting as a barrier for groundwater movement. Aquitards are typically composed of compacted layers of clay, silt, or rock, and they separate aquifers, partially disconnecting the flow of water underground

Backflow Device – Device installed between a potable water system and a non-potable water system that prevents cross contamination of the potable system with non-potable (recycled) water

Board of Directors or Board – Board of Directors of the Pajaro Valley Water Management Agency (PV Water)

Coastal Distribution System (CDS) – Network of pipelines, irrigation water wells, and appurtenances through which Supplemental Water is delivered as irrigation water to the turnouts

Customer – Recipient of Delivered Water which may include the landowner, grower, or any other person or entity who is authorized to order and accept water deliveries from a turnout for irrigation or other agricultural purposes

Customer Valve – Above-ground valve located at each turnout downstream of the PV Water valve

Delivered Water – A blend of Supplemental Water, produced and conveyed to PV Water customers within the Delivered Water Zone

Delivered Water Zone (DWZ) – All parcels where Supplemental Water is available for use, and the *Rules and Regulations for Recycled Water Customers* are in effect (Appendix B)

Design Flow or Design Flow Rate – Maximum rate of water flow to be delivered to a turnout during normal Supplemental Water operation

General Manager - General Manager of the Pajaro Valley Water Management Agency (PV Water)

Irrigator – Individual employed by the customer, who irrigates with Delivered Water under the supervision of the customer's Designated On-Site Supervisor (must attend a training before using Delivered Water)

On-Farm Storage Pond – Any pond located on lands irrigated with Delivered Water used by the customer for water storage, flow regulation, or to receive Delivered Water deliveries

On-Site Distribution System – All components of the on-farm distribution system owned or operated by the customer on the customer's side ("downstream") of the PV Water's turn-out (water within the On-site Distribution System is no longer considered Delivered Water since changes in the water quality may be made via chemigation, on-site blending, etc.)

On-Site Supervisor – Individual employed by the customer who is responsible for ensuring that the use of Delivered Water (which includes Recycled Water) meets all applicable laws and policies, and this Delivered Water Users Handbook (may be the customer)

Potable Water Use – Use of water for drinking, cooking, bathing, showering, dish washing, and maintaining oral hygiene, or for purposes of commerce, trade or industry. **Delivered Water is not considered potable water** under the Rules & Regulations as outlined in Appendix B.

PV Water – Special District Water Management Agency and Groundwater Sustainability Agency for the Pajaro Valley

PV Water Pressure and Flow Control Valve – PV Water valve located downstream of the PV Water meter that controls water delivery pressure and flow. PV Water staff adjusts this valve. **Adjustment by anyone else is prohibited.**

PV Water Valve – PV Water butterfly valve located at each turnout that directly controls flow to the Supplemental Water customer valve.

Responsible Party – Landowner or authorized person(s), as designated in writing by the landowner, authorized to order, accept, and pay for water deliveries.

Recycled Water – Highly treated wastewater which meets all the "Title 22" public health and safety standards as found in the State of California's Code of Regulations. Also known as Reclaimed water. Delivered Water contains recycled water and all handling will be under the *Rules and Regulations for Recycled Water Customers* (Appendix B).

Recycled Water Use Site – Area defined in the Recycled Water Use Permit Site Plan for purposes of documenting the Delivered Water use area, backflow prevention, etc.

Standby Well – Agricultural well owned and operated by a customer or other entity that can be used to provide an irrigation water supply, under limited circumstances, as defined in PV Water Ordinance No. 2000-02

Supplemental Water – Any combination of recycled water, surface water and/or groundwater delivered to customers through PV Water's CDS for irrigation and other agricultural uses

Supplemental Well – Any well maintained and/or operated by PV Water as part of Delivered Water operations and facilities

Turnout – Above-ground piping to which the customer's on-farm irrigation system is physically connected to the CDS for receipt of Supplemental Water

Water Conservation – Care and protection of water as a natural resource, including planned management to prevent unnecessary losses and waste

Water System Operator – PV Water Staff who operates the Delivered Water sources and CDS. The operator is the main contact for the customer, on-site supervisor, and irrigators to order and receive water deliveries.

Water Year – 12-month period used to track seasonal rainfall and water use (beginning October 1 and ending September 30 of each year)

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Appendix D: Forms

- Water Order Form
- Example Water Delivery Schedule
- Recycled Water Use Permit Application and Permit
- On-Site Recycled Water Service Plan Form
- Authorization to Schedule Water
- Weekly Site Inspection Report

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Appendix E: Backflow Prevention Device Specifications

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PV Water Double Check Device Installation Specifications

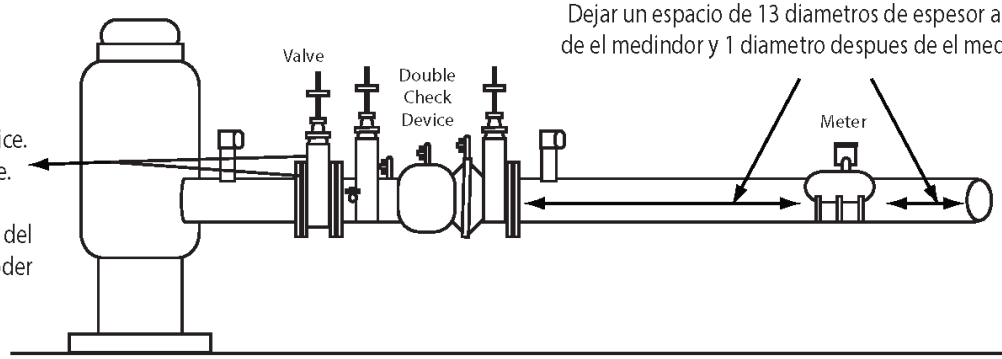
BASIC INSTALLATION:

INSTALLACION BASICA DE VALVULA DE PROTECCION:

Maintain at least 13 pipe diameters upstream of meter and 1 pipe diameter downstream.
Dejar un espacio de 13 diametros de espesor antes de el medindor y 1 diametro despues de el medidor.

Install a butterfly or gate valve upstream of the device. This is required so that annual testing can be done.

Instalar una válvula mariposa o de compuerta ántes del dispositivo de protección. Esto es necesario para poder hacer las pruebas anuales.

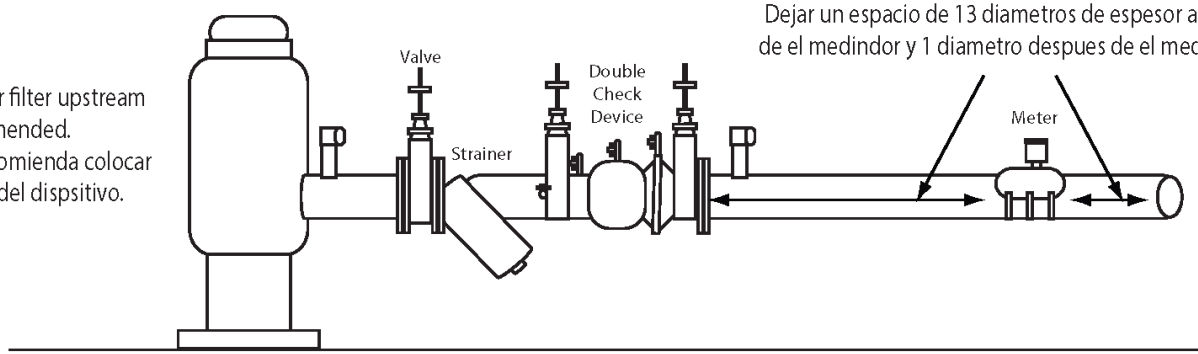


WITH OPTIONAL WYE STRAINER:

CONTENEDOR DE GRAVA O ARENA ES OPCIONAL:

Maintain at least 13 pipe diameters upstream of meter and 1 pipe diameter downstream.
Dejar un espacio de 13 diametros de espesor antes de el medindor y 1 diametro despues de el medidor.

If well pumps sand, a strainer or filter upstream of the device is recommended.
Si el pozo bombea arena, se recomienda colocar un filtro o contenedor antes del dispsitivo.



PV Water Reduced-Pressure Principal Device Installation Specifications

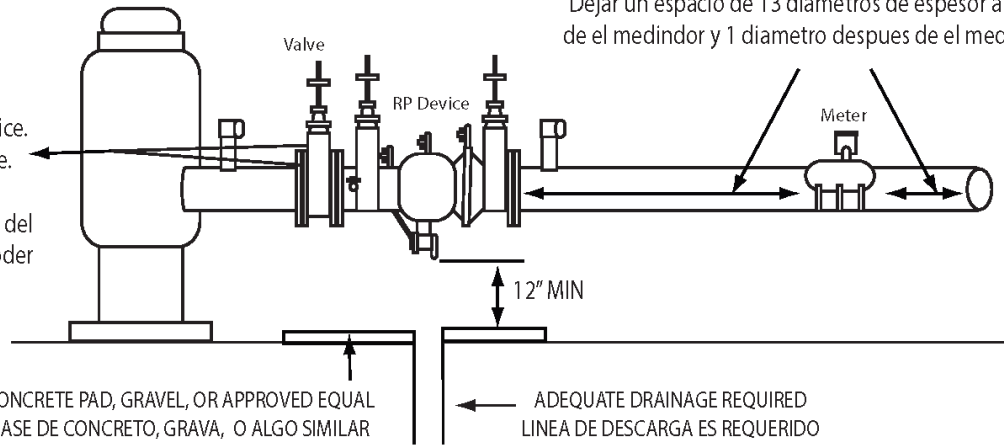
BASIC INSTALLATION:

INSTALLACION BASICA DE VALVULA DE PROTECCION:

Maintain at least 13 pipe diameters upstream of meter and 1 pipe diameter downstream.
Dejar un espacio de 13 diametros de espesor antes de el medindor y 1 diametro despues de el medidor.

Install a butterfly or gate valve upstream of the device. This is required so that annual testing can be done.

Instalar una válvula mariposa o de compuerta ántes del dispositivo de protección. Esto es necesario para poder hacer las pruebas anuales.

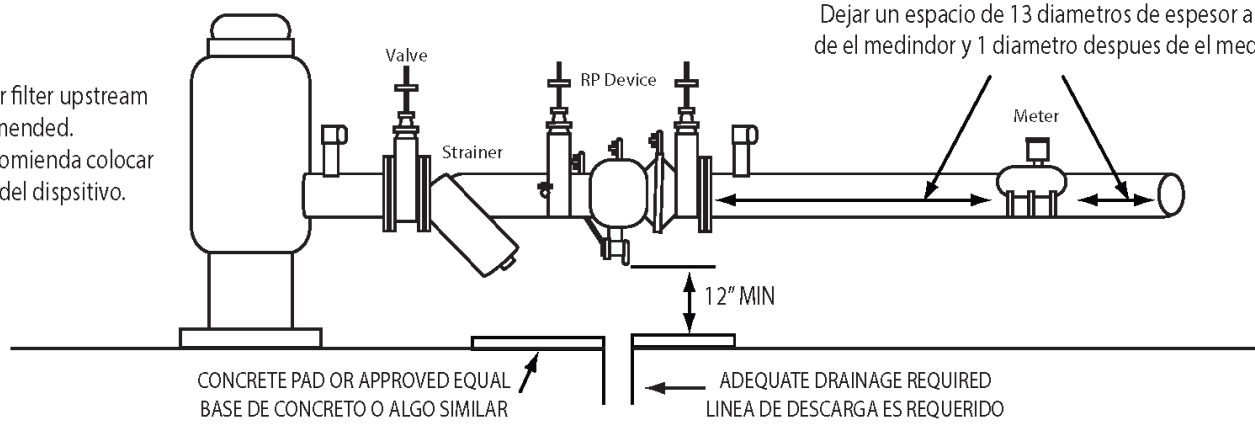


WITH OPTIONAL WYE STRAINER:

CONTENEDOR DE GRAVA O ARENA ES OPCIONAL:

Maintain at least 13 pipe diameters upstream of meter and 1 pipe diameter downstream.
Dejar un espacio de 13 diametros de espesor antes de el medindor y 1 diametro despues de el medidor.

If well pumps sand, a strainer or filter upstream of the device is recommended.
Si el pozo bombea arena, se recomienda colocar un filtro o contenedor antes del dispsitivo.



This PV Delivered Water Users Handbook supersedes all prior versions of PV Water's Handbooks, as listed below.

Delivered Water Users Handbook Editions

Year	Prior Handbook Versions
2025	PV Water Delivered Water Users Handbook supersedes all prior versions of the Water User's Handbooks
2024	October and November 2024 Supplemental Water Customers Workshops 1 and 2 were facilitated with customers, Projects & Facility Committee (PV Water Board appointed), and PV Water Staff. Input from the Workshops and Customer Survey were included in the 2025 Update of the PV Water Supplemental Water Guide to provide more accessible and equitable delivery of Supplemental Water
2020	Update of Appendices Forms and Process for Permit Application and Landowner Authorization, Permit Renewal Forms
2011	Revisions to Section 4.3.1 – Water Delivery Priority / Scheduling
2009	Recycled Water use first delivered to PV Water
2008-2002	Interim Users Handbook incorporates PV Water *Rules and Regulations for Recycled Water Customers* (Appendix B), adopted by Ordinance No. 2008-02 in June 2008, and the PV Water guidelines and procedures as contained in the Recycled Water Program.

As changes occur to the water delivery facilities, water supplies or regulations, supplemental and updated information may be incorporated into the Delivered Water Users Handbook.

Questions about the Delivered Water Users Handbook, regulations for recycled water, and water system operating procedures can be answered by contacting PV Water, located at 36 Brennan Street, Watsonville, California 95076. Office hours are 8:00 AM to 5:00 PM, Monday through Friday. You also may reach the PV Water by telephone at (831) 722-9292 or by sending e-mail to operations@pvwater.org.

Pajaro Valley Water Management Agency
40 YEARS SINCE 1984
36 Brennan St.
Watsonville, CA 95076

1 (831) 722-9292
Info@PVWater.org

2025 Production Monthly Summary as of June

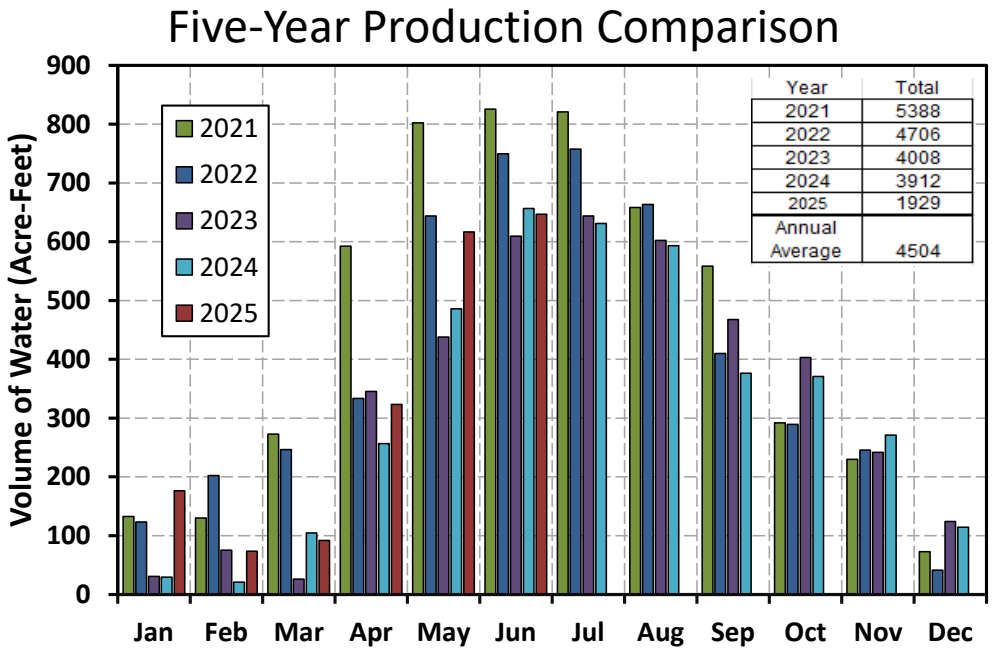
All totals are in Acre Feet

	January	February	March	April	May	June	July	August	September	October	November	December	Individual Totals
Harkins Slough Project:													
Diverted to Recharge Basin	0.00	174.82	211.68	258.56	168.10	0.00							**813.16**
Coastal Distribution System (CDS):													
Well Production													
Recovery Wells	9.09	5.40	7.03	21.02	36.37	32.01	0.00	0.00	0.00	0.00	0.00	0.00	**110.91**
Supplemental Wells													
SW #1	3.27	1.54	0.23	17.50	60.78	3.46	0.00	0.00	0.00	0.00	0.00	0.00	86.79
SW #2	2.03	0.55	2.10	25.67	155.38	110.09	0.00	0.00	0.00	0.00	0.00	0.00	295.81
Supplemental Wells Subtotal	5.30	2.09	2.33	43.17	216.15	113.55	0.00	0.00	0.00	0.00	0.00	0.00	**382.59**
College Lake Project						131.76							**131.76**
RWF Blend (See Breakdown Below)	161.95	66.26	82.43	258.95	363.96	369.69	0.00	0.00	0.00	0.00	0.00	0.00	**1303.24**
CDS Total	176.34	73.75	91.79	323.14	616.48	647.01	0.00	0.00	0.00	0.00	0.00	0.00	**1928.51**

Approximate Recycled Water Blend Breakdown:

Estimated Recycled Water	152.92	55.88	77.27	210.47	274.34	292.80	0.00	0.00	0.00	0.00	0.00	0.00	1063.69
RWF No_1 (potable)	9.02	10.37	5.164	48.48	89.62	76.89	0.00	0.00	0.00	0.00	0.00	0.00	239.55

* Recycled Water Blend Breakdown is Approximate because there is always some water in the tank that may be recycled water or RWF No-1 Water, "Est Recycled Water" is the RWF Blend total, (which is measured by the RWF Distribution meter after the tanks,) MINUS the RWF No_1 total, which is measure before the No_1 water goes into the tanks to blend.



2025 Production Percentages:			
Recovery Wells	**Supplemental Wells**	**Recycled Water**	**Potable Water**
6%	**20%**	**55%**	**12%**

***Preliminary, Subject to Revision**

JULY 2025 MEETING

INCOMING

DATE	FROM	TO	SUBJECT (Attached)
7/2/2025	Frank "Ted" Remde	Brian Lockwood PV Water Board	"Laguna Grande". Proposed Change

OUTGOING

DATE	TO	FROM	SUBJECT (Attached)

From: Frank "Ted" Remde <verandavineyard1@aol.com>
Sent: Wednesday, July 2, 2025 3:49 PM
To: Brian Lockwood <Lockwood@pvwater.org>
Subject: "Laguna Grande". Proposed Change

Caution: External Email

Brian: This memo follows my reading of a recent Article by Nick Sestanovich in the Santa Cruz Sentinel about the official opening July 11th of the newest County Park at the junction of Whiting and Paulsen Roads adjacent to College Lake and the County Fairgrounds. Valle del Pajaro County Park is the designated name, so named because it supposedly reflected "community empowerment , peaceful or serene tone, connection to the natural environment and Spanish language representation". The name may have met some of the intended criteria, but what it doesn't reflect is the Ohlone Indian history surrounding the lake, which spans far more time of occupation than that of the Spaniards or Europeans that followed. This lack of recognition, bothers me and brings me to the name College Lake, and the possibility of renaming it.

I propose that it be renamed to something tangible . College Lake is irrelevant . There is no College and probably never will be anywhere near the Lake. I have heard that when the Ohlone occupied the Pajaro Valley the Spanish Expedition Party named it "Laguna Grande" , translated to Large Lake. I'm curious what the translation to the Ohlone language would be.

I would like to request that the PVWMA Board consider renaming the Lake during the process of expanding its usage. I would also like the Board to consider a recomendation to the Board of Supervisors to concurrently renaming Airport/Holohan/College Road to one name.

Thank you. Frank "Ted" Remde