



PAJARO VALLEY WATER MANAGEMENT AGENCY

36 BRENNAN STREET • WATSONVILLE, CA 95076

TEL: 831) 722-9292 FAX: 831) 722-3139

<https://www.pvwater.org>

PROJECTS & FACILITY OPERATIONS COMMITTEE MEETING

**PV Water Office - Koenig Conference Room
36 Brennan Street, Watsonville, California**

Wednesday, June 28, 2023, 3:00 p.m.

Purpose: The purpose of the Projects and Facility Operations Committee (“Committee”) is to advise the Board of Directors (“Board”) and staff of the Pajaro Valley Water Management Agency (“PV Water”) on capital projects and programs related to water supply, quality and operations of facilities identified in PV Water’s Basin Management Plan, including any new technologies that might become available. 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.

A G E N D A

1. Welcome and Introductions
2. Committee Member and Public Comments
3. Consider Approval of April 26, 2023, Projects & Facility Operations Committee Meeting Minutes
4. Consider Approval of May 31, 2023, Projects & Facility Operations Committee Meeting Minutes
5. Receive Projects & Programs Update:
 - a. College Lake Integrated Resources Management Project
 - b. Watsonville Slough System Managed Aquifer Recharge & Recovery Projects
6. Receive Facility Operations Report
7. Discuss Future Agenda Items
8. Next Regular Meeting: July 26, 2023

Adjournment

PV Water is a state-chartered local agency formed “to efficiently and economically manage existing and supplemental water supplies in order to prevent further increase in, and to accomplish continuing reduction of, long-term overdraft and to provide and insure sufficient water supplies for present and anticipated needs within the boundaries of PV Water. It is anticipated that long-term overdraft problems may not be solved unless supplemental water supplies are provided. PV Water should, in an efficient and economically feasible manner, utilize supplemental water and available underground storage and should manage the groundwater supplies to meet the future needs of the basin.” This agenda is subject to revision and may be amended prior to the scheduled meeting. If amended, a Final Agenda will be posted at the PV Water office at 36 Brennan Street, Watsonville, 72 hours prior to the meeting. Copies of the Final Agenda will be available at the 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 1990 (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’s Financial & Administrative Services Manager at (831) 722-9292 during regular business hours, at least 24 hours prior to the time of the meeting.

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**PROJECTS & FACILITY OPERATIONS COMMITTEE
MEETING MINUTES DRAFT**

PV Water, Koenig Conference Room, 36 Brennan Street

Wednesday, April 26, 2023, 3:00 p.m.

Committee Members	
Present	Not Present
Stephen Rider, Director, Committee Chair	Vacant Seat
Sam Cooley, Committee Vice Chair	Abel Sanchez, Director
Amy Newell, Director	
Rosemarie Imazio	
Jonathan Pilch	
Staff & Other Attendees	
Brian Lockwood, General Manager (GM)	Casey Meusel, Associate Hydrologist (AH)
Shinehah Bigham, Water System Operator (WSO)	Chuy Martinez, Water System Operations Supervisor (WSOS)
Belinda Platts, Consulting Agronomist (via Go To Meeting)	

1. **Welcome and Introductions.** Chair Rider called the meeting to order at 3:04 p.m.
2. **Public and Member comments.** GM Lockwood reported that Director Sanchez regrettfully resigned from his seat on the Committee due to personal obligations.
3. **Consider Approval of February 22, 2023 Projects and Facility Operations Committee Meeting Minutes.** Director Newell moved to approve the February 22, 2023 minutes with a correction to the minutes date in Item 3 (January 25, 2022~~3~~); Vice Chair Cooley seconded. The Committee approved the minutes of the February 22, 2023 meeting.
4. **Receive Presentation on 2022 Soil Salinity and Water Quality** AH Meusel introduced Belinda Platts, consulting agronomist, who delivered a presentation on Delivered Water Zone soil and water quality conditions in 2022. The presentation is available on the Committee’s webpage (<https://www.pvwater.org/projects-facility-operations-committee>) Mrs. Platts responded to a series of questions following the presentation.
5. **Receive Projects and Programs Update.**
 - a. **College Lake Integrated Resources Management Project.** GM Lockwood reported that construction of the project has begun. The contractor has installed construction fencing and removed the majority of the apple orchard at the future water treatment plant site, with the exception of a 50-foot radius around a hummingbird’s nest. A time critical task of relocating

power lines remains and staff are working to obtain the approvals necessary for the appropriate easement deeds. He reported that the Reclamation District 2049 pumps are draining College Lake. He also reported that PV Water staff will be meeting with S&P Global on Friday to reevaluate the PV Water's credit rating for the purpose of issuing debt obligations. He shared updates on other funding efforts for the project including a DWR implementation grant proposal for \$20 million, a Department of Conservation Multibenefit Land Repurposing Program Grant, and preparation of a WIFIA program application. Lastly, GM Lockwood reported that a construction webpage to communicate progress and other information related to the project is now accessible.

- b. Watsonville Slough System Managed Aquifer Recharge & Recovery Projects.** GM Lockwood reported that Maggiora Bros. Drilling Inc. submitted well permit applications for the recovery wells and staff are working with adjacent landowners to obtain waivers to construct wells near the property lines.
- 6. Receive Facility Operations Report.** WSOS Martinez reported that the annual growers/irrigators meeting held earlier today was well attended. Delivered water demand is ramping up with 277 acre-feet delivered in April to date compared to only 66 acre-feet in the first three months of the year. He shared that diversions have begun for the Harkins Slough Facility and is continuing at a rate of approximately 8 acre-feet per day.
- 7. Receive Water Quality Quarterly Report.** AH Meusel presented the 2023-Q1 water quality results to the Committee; tables and graphs summarizing the results are included in the agenda packet available on the Committee's webpage (<https://www.pvwater.org/projects-facility-operations-committee>)
- 8. Discuss Future Agenda Items.** None
- 9. Next Meeting:** Wednesday, May 31, 2023, at 3:00 p.m.
- 10. Meeting Adjourned at 4:13 p.m.**



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**PROJECTS & FACILITY OPERATIONS COMMITTEE
MEETING MINUTES **DRAFT****

PV Water, Koenig Conference Room, 36 Brennan Street

Wednesday, May 31, 2023, 3:00 p.m.

Committee Members	
Present	Not Present
Sam Cooley, Committee Vice Chair	Stephen Rider, Director, Committee Chair
Amy Newell, Director	Tom Broz, Director
Rosemarie Imazio	
Stuart Kitayama	
Jonathan Pilch	
Staff & Other Attendees	
Brian Lockwood, General Manager (GM)	Casey Meusel, Associate Hydrologist (AH)
Shinehah Bigham, Water System Operator (WSO)	Chuy Martinez, Water System Operations Supervisor (WSOS)
Jessie Maxfield, California Department of Fish & Wildlife	Ken Collins, Elkhorn Slough Foundation
Ryan Smith, City of Watsonville	

1. **Welcome and Introductions.** Vice Chair Cooley called the meeting to order at 3:05 p.m.
2. **Public and Member comments.** Director Newell reported that she was excited when she received the College Lake Integrated Resources Management Project mailer, and thought it looked great.
3. **Consider Approval of April 26, 2023 Projects and Facility Operations Committee Meeting Minutes.** Committee Member Imazio moved to approve the April 26, 2023 minutes; Director Newell seconded. The motion lacked sufficient votes for approval and will be brought back for consideration of approval at the next meeting.
4. **Receive Projects and Programs Update.**
 - a. **College Lake Integrated Resources Management Project.** GM Lockwood reported that PV Water was not awarded under the Sustainable Groundwater Management Act (SGMA) Round 2 Implementation grant funding opportunity and that staff are considering submitting a comment letter on the draft awards. PV Water is still awaiting a determination for the Department of Conservation Multi-benefit Land Repurposing Program grant funding opportunity. He shared that a project groundbreaking ceremony is scheduled for June 9 at 10:00 a.m. and that construction is underway with the apple orchard largely removed and potholing occurring along the College Lake Pipeline alignment. Multiple

experts and project monitors are onsite providing the necessary training and surveys required. PV Water recently received a critical notification from PG&E that the power pole relocation adjacent to the weir has been scheduled for completion by June 20. GM Lockwood showed the project construction website to the Committee that communicates the status and progress of the project noting that trenching for the College Lake Pipeline is scheduled to begin June 11. Multiple thefts at the project site recently occurred including theft of equipment from the contractor and the field office. Lastly, GM Lockwood reported that regarding the Adaptive Management Plan, surveys and hydrologic monitoring continue and no maintenance activities have recently occurred.

- b. Watsonville Slough System Managed Aquifer Recharge & Recovery Projects.** GM Lockwood reported that PV Water has obtained all the permits necessary for the recovery well project and is awaiting delivery of the pumps and casing materials to start drilling. A project design meeting for the Watsonville Slough System Managed Aquifer Recharge & Recovery Projects was held this morning with the focus on reviewing a technical memorandum for the Harkins Slough Diversion Facility upgrades. Lastly, GM Lockwood shared that staff and consultants will soon be meeting with the State Water Resources Control Board and Valley Water to continue discussion of the water right permit application and the associated water availability analysis.
- 5. Receive Facility Operations Report.** WSOS Martinez reported that diversions from Harkins Slough ceased earlier today and in total, approximately 305 acre-feet of water was diverted to the Harkins Slough Basin. He shared that delivered water distribution is currently averaging 15 acre-feet per day and that the year-to-date demand through April has been the lowest since the Recycled Water Facility came online. Operations staff are awaiting delivery of replacement parts to finish maintenance on Blend Well 1.
- 6. Discuss Future Agenda Items.** Director Newell suggested considering a site visit to College Lake to see the construction activity.
- 7. Next Meeting:** Wednesday, June 28, 2023, at 3:00 p.m.
- 8. Meeting Adjourned at 4:04 p.m.**

MEMORANDUM

DATE: June 21, 2023
MEETING OF: June 28, 2023
TO: Projects & Facility Operations Committee
FROM: General Manager
RE: **ITEM 5:** Basin Management Plan Implementation Update

BACKGROUND

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

DISCUSSION

- Funding
 - o The California Department of Water Resources (DWR) published its draft funding list for the 2021 Sustainable Groundwater Management (SGM) Grant Program Implementation Grant. PV Water had applied for funding to support the construction of the College Lake Integrated Resources Management Project; however, PV Water's proposal was not selected for funding.
 - o Received a letter from the Department of Conservation announcing that PV Water's Multibenefit Land Repurposing Grant program proposal has been selected to receive \$8.89 million in funding; partners include the Resource Conservation District of Santa Cruz County, the University of California, Santa Cruz, the Santa Cruz County Land Trust, the Pajaro River Flood Management Agency, Watsonville Wetlands Watch, and the Nature Conservancy.
 - o Closed on the Certificates of Participation on Tuesday, June 13; \$40 million has been transferred to PV Water's BNY Mellon Account.
 - o Work continues on Water Infrastructure Finance and Innovation Act (WIFIA) application.
- Recycled Water Facility Optimization
 - o Reliability, Operations, and Condition Assessment Project: Participated in meetings on May 15th and May 22nd to review comments and questions on the reports; a final meeting will be scheduled to discuss the prioritization and cost estimates of maintenance projects.
- College Lake Integrated Resources Management Project
 - o Construction: Orchard removal is mostly complete, with the exception being a 50-foot buffer protecting a hummingbird's nest; utility confirmation (via potholing) began on May 23 and continues; trenching on Holohan Road commenced on June 11 and as of June 21, 2023, 400 feet of pipeline has been installed in Holohan Road.
 - o Environmental: All required monitoring training is underway.
 - o Adaptive Management Plan: hydrologic monitoring and waterfowl monitoring activities continue.
 - o Outreach Activities: Held Groundbreaking Ceremony on June 9, 2023, it was well attended and included current and former PV Water Directors, Congresswoman

Zoe Lofgren, DWR Representative Carmel Brown, the mayor and vice mayor of the City of Watsonville, Supervisor Hernandez's Chief of Staff, and community members and consultants. Please check <https://www.pvwater.org/construction>; regularly for construction related updates.

- Watsonville Slough System Managed Aquifer Recharge & Recovery Projects
 - o Permitting: Ongoing.
 - o Design: Ongoing.
 - o Harkins Slough Recharge Basin Recovery Wells 2022 Project: Santa Cruz County staff have recently approved the well permits, and staff is working with the contractor to schedule drilling activities.
 - o Harkins Slough Project diversions ceased on Wednesday, May 31. Staff diverted just over 300 acre-feet this year to the Harkins Slough Recharge Basin.

FISCAL IMPACT

There is no fiscal impact associated with this monthly update.

STAFF RECOMMENDATION

The Committee receives the update.

ATTACHMENTS

- Letter from the Department of Conservation dated June 12, 2023, regarding Multibenefit Land Repurposing Program Grant Solicitation – Regional Block Grants



June 12, 2023

Brian Lockwood
Pajaro Valley Water Management Agency

Via Email to: lockwood@pvwater.org

Re: Multibenefit Land Repurposing Program Grant Solicitation – Regional Block Grants

Dear Brian:

Thank you for your application in response to the Department of Conservation's Round 2 Multibenefit Land Repurposing Program regional block grant solicitation. We were pleased to receive numerous strong proposals totaling over \$84.6 million in requests and demonstrating a commitment to repurposing agricultural lands to support groundwater sustainability and provide multiple benefits.

It is my pleasure to inform you that your proposal has been awarded \$8.89 million in funding through this solicitation.

Department of Conservation staff will work with you to complete the draft grant agreement that was included in the solicitation. If your budget, work plan, or any other aspect of your proposal requires revision, staff will work with you to update these elements of your proposal prior to preparing the grant agreement. The grant agreement must be fully executed before expenses can be incurred.

Please contact Jessica Parrish, Grant Manager for this project, at Jessica.Parrish@conservation.ca.gov or (916) 261-4552 should you have any questions. We look forward to working with you and wish you success in implementing your work plan.

Sincerely,

A handwritten signature in black ink, appearing to read "Keali'i Bright".

Keali'i Bright
Director, Division of Land Resource Protection

Production Monthly Summary as of May 2023

All totals are in Acre Feet

	January	February	March	April	May	June	July	August	September	October	November	December	Individual Totals
Harkins Slough Project:													
Effluent FW to Basin	0.01	0.09	0.00	97.17	207.76								305.02

Coastal Distribution System (CDS):

Well Production

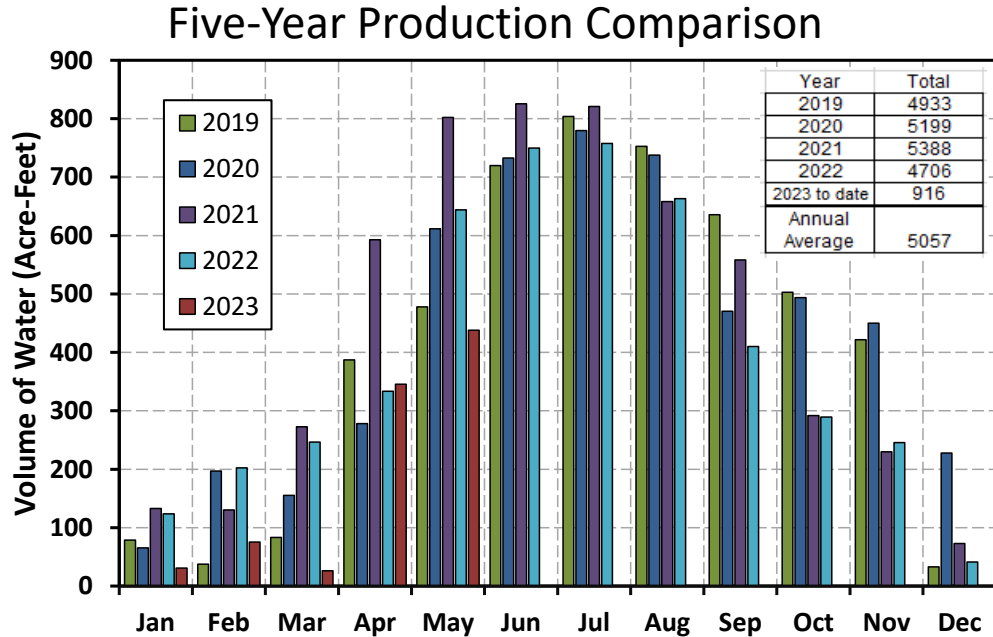
Recovery Wells Sub Total	1.22	3.56	1.00	4.38	9.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.98
Blend Wells													
SW #1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SW #2	0.12	5.55	0.00	33.47	73.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	112.16
Blend Wells Subtotal	0.12	5.55	0.00	33.47	73.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	112.16
RWF Blend (See Breakdown Below)	29.29	66.43	25.22	307.59	355.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	783.55
CDS Total	30.63	75.54	26.22	345.44	437.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	915.69

Approximate Recycled Water Blend Breakdown:

Estimated Recycled Water	29.28	63.55	24.88	260.60	290.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	668.60
RWF No_1 (potable)	0.00	2.88	0.34	46.99	64.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	114.95

* 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.

Well 860 (Harvest Dr.)	0.000	0.000											0.00
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2023 Production Percentages:			
Recovery Wells	Supplemental Wells	Recycled Water	Potable Water
2%	12%	73%	13%

*Preliminary, Subject to Revision