



PAJARO VALLEY WATER MANAGEMENT AGENCY

36 BRENNAN STREET • WATSONVILLE, CA 95076

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

pvwater.org

PROJECTS & FACILITY OPERATIONS COMMITTEE MEETING

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

Wednesday, March 27, 2024, 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. Conduct Annual Review of Committee Bylaws
 4. Consider Approval of February 28, 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
 - c. Recycled Water Facility Reliability Operational and Condition Assessment
 - d. Agricultural Water Conservation Program
 6. Receive Facility Operations Report
 7. Discuss Future Agenda Items
 8. Next Regular Meeting: April 24, 2024
- Adjournment

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<https://www.pvwater.org/projects-facility-operations-committee>

MEMORANDUM

DATE: March 22, 2024
MEETING OF: March 27, 2024
TO: Projects & Facility Operations Committee
FROM: General Manager
RE: **ITEM 3:** Conduct Annual Review of Committee Bylaws

BACKGROUND

On November 18, 2015, the Pajaro Valley Water Management Agency (PV Water) Board of Directors (Board) adopted Resolution 2015-30, Establishing Initial Membership and Bylaws for the Projects & Facility Operations Committee (Committee). On June 21, 2017, in response to a recommendation from the Committee to revise the bylaws, the Board approved revised bylaws independent of a resolution. The 2017 version of the bylaws remains in effect.

DISCUSSION

On February 28, 2024, as the Committee began to review its bylaws, the Chair noted that the bylaws on the screen were not the same version as the bylaws in the packet. Staff acknowledged the version control issue (essentially that the 2015 bylaws were inadvertently included in the packet instead of the 2017 version) and the Committee decided to postpone the review of its bylaws until the next meeting.

FISCAL IMPACT

There is no fiscal impact associated with reviewing or revising the bylaws.

STAFF RECOMMENDATION

The Committee conducts a review of its bylaws.

ATTACHMENTS

- Projects & Facility Operations Committee Bylaws

PAJARO VALLEY WATER MANAGEMENT AGENCY
PROJECTS AND FACILITY OPERATIONS COMMITTEE BYLAWS

ARTICLE I: 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 (“Agency”) on capital projects and programs related to water supply, quality and operations of facilities identified in the Agency’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 the Agency’s service area.

ARTICLE II: STRUCTURE

The Committee shall constitute a standing committee of the Agency and shall meet until otherwise directed by the Board. The Committee’s subject matter jurisdiction is limited to matters expressed herein, together with all matters necessarily incidental thereto. Except as otherwise expressly provided in these bylaws or by resolution of the Board, the Committee does not make binding decisions on those matters; rather, the Committee makes recommendations to the Board.

ARTICLE III: OFFICERS

1. Officers of the Committee shall consist of a Chair and Vice Chair, which shall be selected from the members of the Committee and elected by a majority vote of the members present. Either the Chair or the Vice Chair shall be selected from among the Directors serving on the Committee.
2. Election of the officers shall take place annually at the January meeting of the Committee (“Annual January Meeting”).
3. The Vice Chair shall assume the role of Chair in the event the Chair is absent.
4. In the case of a vacancy in the office of Chair, the Vice Chair shall succeed to the office. In the case of a vacancy in any other elected office, that position shall be temporarily filled by an election by the Committee (consistent with the requirements of (III)(1) above) until the next Annual January Meeting.

ARTICLE IV: MEMBERS

1. The Committee shall be comprised of seven members: three Directors from the Board, two growers in the Delivered Water Zone, one grower outside of the Delivered Water Zone, and one member at-large.
2. Membership shall be for a term of one year.
3. Membership shall be reviewed annually by the Committee at its December meeting. The Committee shall make a recommendation regarding membership to the Board at the Board’s January meeting.
4. At the Board’s January meeting, the Board shall select the Directors, growers, and member at-large to serve on the Committee, taking into consideration the Committee’s recommendation.

5. Three successive absences of a member without notifying the Committee shall be cause for the member to be removed from the Committee. In such instance, the vacancy shall be filled and a new member shall be elected or appointed as provided in Section (IV)(6) below.
6. A vacancy in the membership shall be deemed to exist in case of the death, resignation, removal, or disqualification of any member or an increase in the authorized number of members of the Committee. If a vacancy occurs that must be filled by a Director, the Board shall appoint a new member selected from among the Directors of the Board. If any other vacancy occurs, the new member shall be elected by the Committee (consistent with the composition requirements set forth in Section (IV)(1) above). The newly-elected or appointed Committee member shall serve out the unexpired term of the member that he or she replaces.

ARTICLE V: MEETINGS

1. The Committee shall comply with all applicable laws, including the Ralph M. Brown Act.
2. Committee meetings shall be held regularly on the last Wednesday of every month at 3:00 p.m. at a location to be determined and noticed on meeting agendas. Any future regular meeting of the Committee may be moved if approved by a majority of the members present at a regular meeting.
3. The Chair or Vice Chair may call a special meeting of the Committee after proper notification.
4. A majority of the members of the Committee, including at least one Director, constitutes a quorum of the Committee.
5. Any decision of the Committee and/or recommendation to the Board shall require a majority vote by the members present for passage.
6. Every member shall have one vote.
7. Meetings shall be open to the public and members of other governmental agencies. Visitors may express their opinions or make requests during public comment.
8. All meetings shall be conducted pursuant to *Rosenberg's Rules of Order*.

ARTICLE VI: ADMINISTRATION

1. Agency staff shall prepare the agenda for each regular and special meeting of the Committee.
2. These Bylaws shall be reviewed annually for recommended updates or more often if requested by the Committee and/or the Board.
3. In order to amend these Bylaws, notice of the proposed amendment(s) shall be delivered personally, electronically or by mail to the Committee members and the Board at least two (2) weeks prior to the time of the vote on the proposed amendment(s). Any amendment to these Bylaws shall be adopted by a simple majority vote of the Board.



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

PV Water, Koenig Conference Room, 36 Brennan Street

Wednesday, February 28, 2024, 3:00 p.m.

Committee Members	
Present	Not Present
Stephen Rider, Director, Committee Chair	
Sam Cooley, Committee Vice Chair	
Amy Newell, Director	
Tom Broz, Director	
Stuart Kitayama	
Rosemarie Imazio	
Jonathan Pilch	
Staff & Other Attendees	
Brian Lockwood, General Manager (GM)	Casey Meusel, Associate Hydrologist (AH)
Marcus Mendiola, Water Conservation and Outreach Specialist (WCOS)	Paul Friedlander, Carollo Engineers

- Welcome and Introductions.** Chair Rider called the meeting to order at 3:05 p.m.
- Committee Member and Public Comments.** None.
- Annual Review of Committee Bylaws.** During the review of the bylaws, Chair Rider noted that the bylaws on the screen were not the same version as the bylaws in the packet. Staff acknowledged the version control issue and committed to looking into it. The item was tabled until the next meeting.
- Election of Officers: Chair & Vice Chair.** Director Newell moved to nominate Director Rider and Vice Chair Cooley to serve as chair and vice chair of the Projects and Facility Operations Committee, respectively; Committee Member Pilch seconded. The Committee unanimously voted in favor of the motion.
- Consider Approval of December 13, 2023, Projects and Facility Operations Committee Meeting Minutes.** Committee Member Pilch moved to approve the December 13, 2023, minutes; Director Newell seconded. The Committee approved the minutes of the December 13, 2023, meeting with abstentions from Vice Chair Cooley and Committee Member Imazio.
- Receive Summary of the Sustainable Groundwater Management Act (SGMA) Draft Annual Report, Water Year 2023.** AH Meusel presented a summary of the SGMA Water Year

2023 Annual Report. The presentation included an overview of SGMA as it relates to PV Water; a summary of progress in implementing the plan; water use; basin conditions; and the basin sustainability status.

7. Receive Projects and Programs Update.

- a. College Lake Integrated Resources Management Project.** GM Lockwood provided an update on construction of the College Lake Project and presented a series of slides illustrating recent conditions at the weir site; progress on the College Lake Pipeline; and work on the tie-in of the College Lake Pipeline to the Coastal Distribution System. He reported that to date, approximately 54% of the project costs have been billed.
- b. Watsonville Slough System Managed Aquifer Recharge & Recovery Projects.** GM Lockwood reported that Carollo Engineers delivered the 30% designs. He shared that staff are working to obtain an appraisal firm and are beginning to engage with property owners.
- c. Recycled Water Facility Reliability Operational and Condition Assessment.** GM Lockwood provided a brief overview of the project, expected useful life estimates for capital assets, and then introduced Mr. Paul Friedlander of Carollo Engineers. Mr. Friedlander presented a series of slides on the current condition of the Recycled Water Facility (RWF) standby power and variable frequency drives (VFD); replacement options and lead times affecting replacement; and projected costs. Following a roundtable discussion, Committee Member Imazio moved to make a recommendation to the Board of Directors to approve an agreement for electrical design; Director Newell seconded. The Committee unanimously voted in favor of the motion.
- d. Agricultural Water Conservation Program.** WCOS Mendiola provided a presentation summarizing the state of conservation in the Pajaro Valley Basin. The presentation included a series of slides illustrating recent water use totals, historical water use during the third quarter, and comparisons of multi-year periods. A roundtable discussion ensued.

8. Receive Facility Operations Report. GM Lockwood reported that 140 acre-feet have been diverted from the Harkins Slough Diversion to the recharge basin this season.

9. Receive Water Quality Quarterly Update Report. AH Meusel presented the 2024-Q4 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>).

10. Discuss Future Agenda Items. None.

11. Next Meeting: Wednesday, March 27, 2024, at 3:00 p.m.

Meeting Adjourned at 5:04 p.m.

MEMORANDUM

DATE: March 22, 2024
MEETING OF: March 27, 2024
TO: Projects & Facility Operations Committee
FROM: General Manager
RE: **ITEM 5:** Receive Projects and Programs 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

- In an effort that began in fall 2022, PV Water closed on two Water Infrastructure Finance and Innovation Act (WIFIA) 35-year loans totaling \$74.2 million on February 20, 2024:
 - Loan 1 funds the College Lake Integrated Resources Management Project and was issued in the amount of approximately \$43 million at an interest rate of 4.46%. With this loan, the College Lake Project is fully funded.
 - Loan 2 funds the Watsonville Slough System Managed Aquifer Recharge & Recovery Project and was issued in the amount of approximately \$31 million at an interest rate of 4.47%. PV Water will need to issue additional debt, the amount of which could be reduced by grant funding, to fully fund the project.
- Department of Conservation (DoC) Multibenefit Land Repurposing Grant, \$8.89 million: includes funding for PV Water and partners 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: PV Water's staff are attending regular meetings with DoC staff and the "Statewide Support Entity." Staff and consultants are preparing sub-grantee agreements and preparing to develop a request for proposals for consultant support to facilitate and prepare the Multibenefit Land Repurposing Plan.
- DWR SGMA Implementation Grant, Round 1, \$7.6 million: supports College Lake Project pre-construction activities: DWR has approved Invoice No. 6 for \$187,300. The grant is within the last 10% of funds meaning DWR will hold payment as retention until the grant is complete and DWR issues PV Water the final retention payment.
- DWR Watershed Resilience Pilot Grant, \$2 million: The Board adopted a resolution authorizing the General Manager to enter into discussions and an agreement with DWR on February 21. PV Water Staff and consultants met with DWR Staff to review the draft agreement and discuss ideas for the scope of work

on March 13, 2024. Staff will develop a draft scope of work to present to DWR over the course of the next month.

- Recycled Water Facility Optimization
 - o Reliability, Operations, and Condition Assessment Project: Received and reviewed electrical study focusing on Standby Power Options and Variable Frequency Drives (VFDs) at the Recycled Water Facility. Staff is working with the electrical engineer to prepare a scope and budget to design the recommended standby power options and VFD upgrades to improve the reliability of the Recycled Water Facility in the event of a long-term (i.e. months) power outage.
- College Lake Integrated Resources Management Project
 - o Construction:
 - Weir Structure
 - No new work this last month due to saturated conditions.
 - The contractor is implementing the Winterization Plan.
 - Water Treatment Plant
 - Decanting lagoons: the contractor continues work on the decanting lagoons.
 - Construction of Electrical Building continues.
 - Construction of the Chemical Storage Facilities.
 - Contractor is continuing to monitor soil consolidation.
 - Raw Water Pipeline
 - Construction of the raw water pipeline commenced in December but was paused for a time due to wet weather conditions, work has recently resumed.
 - Treated Water Pipeline
 - Contractor reports that approximately 5 miles of the 6-mile pipeline is complete.
 - Construction in Riverside Road / Hwy 129 began on January 8, 2024; construction activities are currently taking place at Grove Street and work will be advancing toward Main Street. Work continues to occur during both day and night shifts, pending Caltrans approvals, although work may be limited to day shifts only as the construction site advances into the more residential neighborhoods.
 - o Environmental: Biological, Cultural, and Native American resource monitoring is taking place and worker environmental training continues.
 - o Adaptive Management Plan: Hydrologic monitoring, waterfowl monitoring, and steelhead surveys occurred this year and/or continue to occur. Waterfowl surveys were conducted on at least 20 separate days in 2023, and at least 6 separate days in 2024 thus far. The annual vegetation survey took place between October 2 and October 13, 2023, and the final report is complete.
 - o Outreach Activities: Staff continues to present to the Santa Cruz County Farm Bureau's Public Policy Committee monthly; commercials focused on pipeline construction in Riverside Road ran in January; updated commercials will run in April. The Pajaronian and Look Out Santa Cruz have recently published articles

covering the Project. 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: Basis of Design Report (i.e. 30% submittal) is complete and under review.
 - o Environmental: The Biological Assessment and Aquatic Resources Reports are now complete; Addendum to the EIR is nearly complete; staff and consultants met with staff from the Environmental Protection Agency and the U.S. Fish and Wildlife Service on March 14 to discuss the project's potential impacts and mitigation measures.

FISCAL IMPACT

There is no fiscal impact associated with this monthly update.

STAFF RECOMMENDATION

The Committee receives the update.

ATTACHMENTS

- None

2024 Production Monthly Summary as of February

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	141.80	0.00	0.00	0.00								141.80

Coastal Distribution System (CDS):

Well Production

Recovery Wells	1.74	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.26
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	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18
Blend Wells Subtotal	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18
RWF Blend (See Breakdown Below)	27.74	16.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.01
CDS Total	29.66	16.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.45

Approximate Recycled Water Blend Breakdown:

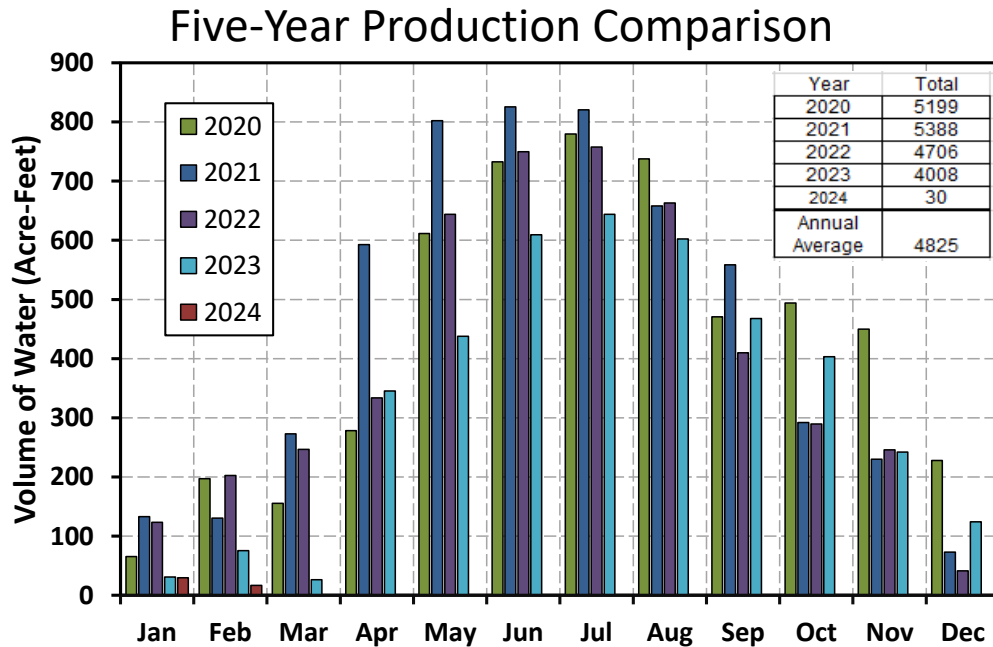
Estimated Recycled Water	27.74	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.93
RWF No_1 (potable)	0.00	16.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.07

* 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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2024 Production Percentages:

Recovery Wells	Supplemental Wells	Recycled Water	Potable Water
5%	0%	60%	35%



*Preliminary, Subject to Revision