



## **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, May 31, 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. Receive Projects & Programs Update:
  - a. College Lake Integrated Resources Management Project
  - b. Watsonville Slough System Managed Aquifer Recharge & Recovery Projects
5. Receive Facility Operations Report
6. Discuss Future Agenda Items
7. Next Regular Meeting: June 28, 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.

## **Should Remote Access be Available for Public Access to Projects and Facility Operations Committee Meeting**

**By computer, tablet or smartphone.**

<https://www.gotomeet.me/PVWater/projects-facility-operations-committee>

**By phone.**

United States (Toll Free): [1 866 899 4679](tel:18668994679)

United States: [+1 \(669\) 224-3319](tel:+16692243319)

**Access Code:** 747-792-381

New to GoToMeeting? Get the app now and be ready when your first meeting starts:

<https://global.gotomeeting.com/install/747792381>

**Please note that meeting materials are posted at:**

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



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

PV Water, Koenig Conference Room, 36 Brennan Street

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

<b>Committee Members</b>	
<b>Present</b>	<b>Not Present</b>
Stephen Rider, Director, Committee Chair	Vacant Seat
Sam Cooley, Committee Vice Chair	Abel Sanchez, Director
Amy Newell, Director	
Rosemarie Imazio	
Jonathan Pilch	
<b>Staff &amp; Other Attendees</b>	
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)	

- Welcome and Introductions.** Chair Rider called the meeting to order at 3:04 p.m.
- Public and Member comments.** GM Lockwood reported that Director Sanchez regrettfully resigned from his seat on the Committee due to personal obligations.
- 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.
- 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.
- Receive Projects and Programs Update.**
  - 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.**

## MEMORANDUM

**DATE:** May 26, 2023  
**MEETING OF:** May 31, 2023  
**TO:** Projects & Facility Operation Committee  
**FROM:** General Manager  
**RE:** **ITEM 4:** 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
  - 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 Interviewed with Department of Conservation staff and others regarding PV Water's Multibenefit Land Repurposing Grant program proposal; 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. If awarded, grant would fund \$8.89 million worth of projects.
  - o Interviewed with S&P Global Ratings regarding PV Water's credit rating (report attached).
  - o Work continues on Water Infrastructure Finance and Innovation Act (WIFIA) application.
- Recycled Water Facility Optimization
  - o Reliability, Operations, and Condition Assessment Project: Participate in meetings on May 15<sup>th</sup> and May 22<sup>nd</sup> to review comments and questions on the reports.
- 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 May 23.
  - o Environmental: All required monitoring training is underway, and hydrologic monitoring and waterfowl monitoring activities continue.
  - o Outreach Activities: Please check <https://www.pvwater.org/construction>; regularly for construction related updates; presented to the City of Watsonville on May 23; Groundbreaking ceremony is planned for 10:00 am, June 2 at 76 Holohan Drive.
- Watsonville Slough System Managed Aquifer Recharge & Recovery Projects
  - o Permitting: Ongoing.
  - o Design: Ongoing.

- 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.
- Harkins Slough Project diversions commenced on Monday, April 17, 2023.

**FISCAL IMPACT**

There is no fiscal impact associated with this monthly update.

**STAFF RECOMMENDATION**

The Committee receives the update.

**ATTACHMENTS**

- None.

# Production Monthly Summary as of April 2023

All totals are in Acre Feet

	January	February	March	April	May	June	July	August	September	October	November	December	Individual Totals
<b>Harkins Slough Project:</b>													
Effluent FW to Basin	0.01	0.09	0.00	97.17	0.00								<b>97.26</b>

## Coastal Distribution System (CDS):

### Well Production

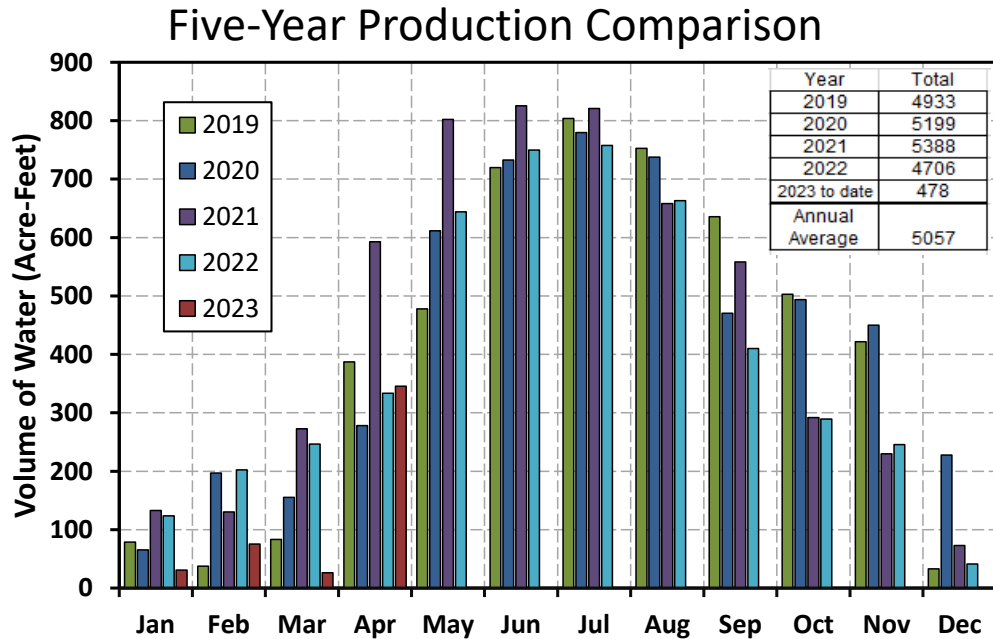
<b>Recovery Wells Sub Total</b>	1.22	3.56	1.00	4.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<b>10.17</b>
<b>Blend Wells</b>													
SW #1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>
SW #2	0.12	5.55	0.00	33.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<b>39.14</b>
<b>Blend Wells Subtotal</b>	0.12	5.55	0.00	33.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<b>39.14</b>
<b>RWF Blend (See Breakdown Below)</b>	29.29	66.43	25.22	307.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<b>428.52</b>
<b>CDS Total</b>	<b>30.63</b>	<b>75.54</b>	<b>26.22</b>	<b>345.44</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>477.83</b>

### Approximate Recycled Water Blend Breakdown:

Estimated Recycled Water	29.28	63.55	24.88	260.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	378.31
RWF No_1 (potable)	0.00	2.88	0.34	46.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.21

\* 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.

<b>Well 860 (Harvest Dr.)</b>	0.000	0.000											0.00
-------------------------------	-------	-------	--	--	--	--	--	--	--	--	--	--	------



2023 Production Percentages:			
Recovery Wells	Supplemental Wells	Recycled Water	Potable Water
2%	8%	79%	11%

\*Preliminary, Subject to Revision