



## 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

## Teleconference Meeting

**Wednesday, September 28, 2022, 3:00 p.m.**

***Due to COVID-19, Public access is limited to teleconference. Please see details on page 2.***

**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. Public and Member Comments
3. Consider Approval of August 31, 2022 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: October 26, 2022

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.

## **PUBLIC ACCESS TO PROJECTS & FACILITY OPERATIONS COMMITTEE MEETING**

### **Projects & Facility Operations Committee**

**Please join the meeting from your computer, tablet or smartphone.**

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

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

**Wednesday, August 31, 2022, 3:00 p.m.**

<b>Committee Members</b>	
<b>Present</b>	<b>Not Present</b>
Mary Bannister, Director, Committee Chair	
Sam Cooley, Committee Vice Chair	
Abel Sanchez, Director	
Stephen Rider, Director	
Rosemarie Imazio	
Frank Capurro	
Jonathan Pilch	
<b>Staff &amp; Other Attendees</b>	
Brian Lockwood, General Manager (GM)	Casey Meusel, Associate Hydrologist (AH)
Chuy Martinez, Water System Operations Supervisor (WSOS)	Amy Newell, Director
Shinehah Bigham, Water System Operator (WSO)	

- Welcome and Introductions.** Chair Bannister called the meeting to order at 3:02 p.m.
- Public and Member comments.** Chair Bannister reported that public awareness and enthusiasm for the College Lake Integrated Resources Management Project is high around town, and that she is excited the project is moving forward.
- Consider Approval of July 27, 2022 Projects and Facility Operations Committee Meeting Minutes.** Director Rider moved to approve the July 27, 2022 minutes; Vice Chair Cooley seconded. The motion carried by the following voice vote:  
  
**Ayes:** Bannister, Cooley, Sanchez, Rider, Imazio  
**Noes:** None  
**Abstain:** Capurro, Pilch  
**Absent:** None
- Receive Projects and Programs Update.**
  - College Lake Integrated Resources Management Project.** GM Lockwood reported that the PV Water has made significant progress in property and easement acquisition. He shared that PV Water's property consultant had reached tentative agreements on four of twenty

pipeline property easements just days after offer letters had been sent. He reported that a meeting with Jacobs and Carollo Engineers held yesterday discussed the project bid and construction schedule. A key point of discussion is coordinating the completion of the College Lake facilities and the College Lake Pipeline while complying with restrictions of in-stream construction; a second coordination meeting is scheduled for late September. Most permits for the project are expected to be obtained by the end of the year. Additionally, GM Lockwood reported that a series of meetings have been held with regulatory and permitting agencies and that tomorrow PV Water staff will give staff from the California Department of Fish and Wildlife, National Marine Fisheries Services, and the US Army Corps of Engineers a tour of the project site. He reported that, in accordance with the Adaptive Management Plan, staff issued a request for qualifications for vegetation survey support services; the submittal deadline is September 2. Lastly, he noted that a factsheet developed for the project is nearing completion. A roundtable discussion of the College Lake Project ensued.

- b. Watsonville Slough System Managed Aquifer Recharge & Recovery Projects.** GM Lockwood reported that in response to the request for proposals for design and bid period services, staff received a proposal by Carollo Engineers, which was forwarded to and reviewed by the Ad Hoc Review Committee. The proposal will go to the Administration and Finance Committee on September 13 and then on to the Board of Directors on September 21 for consideration of approval. The cost of final design is estimated at \$2.5 million. If approved, staff would issue notice to proceed on or around October 1. GM Lockwood also reported that PV Water staff recently met with the PV Water's financial advisors and funding consultant to discuss project funding. He shared that PV Water submitted both the College Lake Project and the Watsonville Slough System Managed Aquifer Recharge and Recovery Projects for funding through a Proposition 1 Integrated Regional Water Management Round 2 Implementation Grant solicitation with \$4.9 million available for the region. PV Water will also be initiating an application for a Water Infrastructure Finance and Innovation Act loan to obtain project funding. Lastly, GM Lockwood reported that staff issued a call for bids to construct the three new recovery wells at the existing Harkins Slough Facility.

- 5. Receive Facility Operations Report.** WSOS Martinez reported that staff have been delivering water 18-20 hours per day recently, and delivered more than 600 acre-feet of water in August. Staff continue to work with Telstar on the Blend Wells variable frequency drive project, the work for which will be scheduled to occur in the offseason. WSOS Martinez also reported that on August 16, an electrical surge critically damaged four of the Harkins Slough Facility recovery well pumps. An electrical contractor is working to prepare a report on the incident, and he estimates the cost to replace the pumps at roughly \$60,000. He shared that the City of Watsonville experienced a similar power grid issue that damaged a booster pump station and it took two years to recover a third of the expense in damages from Pacific Gas & Electric. WSOS Martinez requested the Committee provide guidance on how the Agency should proceed with pursuing damages and addressing future risks. Following roundtable discussion, the Committee, through verbal consensus, recommended that staff consult with Agency counsel about pursuing damages and consult engineers about appropriate surge protection measures. Lastly, WSOS Martinez reported that staff plan to operate only the smaller of the two Harkins Slough Diversion pumps until the project to upgrade the facility occurs. He shared that the larger pump, which burned out earlier this year, requires extensive repairs and further assessment.

- 6. Discuss Future Agenda Items.** None.
- 7. Next Meeting:** Wednesday, September 28, 2022, at 3:00 p.m.
- 8. Meeting Adjourned at 3:57 p.m.**

DRAFT

## MEMORANDUM

**DATE:** September 23, 2022  
**MEETING OF:** September 28, 2022  
**TO:** Projects & Facility Operations Committee  
**FROM:** General Manager  
**RE:** **ITEM 4:** Receive Projects & Programs Update

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### **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 Met with financial advisors to discuss bond issuance process.
  - o Researched Water Infrastructure Finance and Innovation (WIFIA) funding opportunities; met with staff and Gutierrez Consultants to plan for submittal of Letter of Intent.
- Recycled Water Facility Optimization
  - o Reliability Operations and Condition Assessment continues.
- College Lake Integrated Resources Management Project
  - o Engineering: Continued to hold meetings with interested parties and agencies, including the Salsipuedes Sanitary District.
  - o Environmental: Hosted a field trip for California Department of Fish and Wildlife, National Marine Fisheries Services, and U.S. Army Corps of Engineers on September 1; held meetings and/or corresponded with Central Coast Regional Water Quality Control Board Staff and County of Santa Cruz Staff.
  - o Vegetation Surveys: Received 9 statements of qualifications in response to request for qualifications; conducted review, and entered into an agreement with selected respondent to conduct the surveys in early October.
  - o Ongoing Activities: Outreach and Engagement, Permitting, Property Rights
- Watsonville Slough System Managed Aquifer Recharge & Recovery Projects
  - o Permitting: Ongoing.
  - o Planning: Began advertising bid documents for 3 new recovery wells at the Harkins Slough Recharge Basin.
  - o Design: Board approved agreements for design and bid period services.

### **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 August, 2022\*

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	223.34	222.51	84.84	1.13	0.56								<b>532.37</b>

## Coastal Distribution System (CDS):

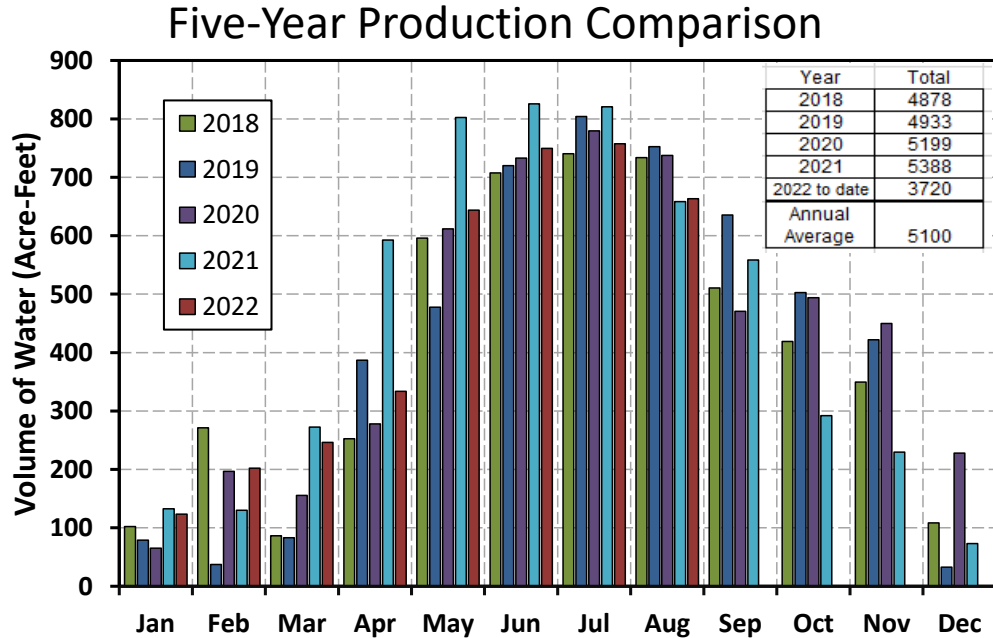
<b>Recovery Wells Sub Total</b>	11.85	18.27	26.90	30.31	39.10	42.43	38.98	21.56	0.00	0.00	0.00	0.00	<b>229.39</b>
<b>Blend Wells</b>													
SW #1	0.00	0.80	0.00	0.00	45.74	84.52	46.36	57.17	0.00	0.00	0.00	0.00	<b>234.59</b>
SW #2	0.04	1.19	0.00	22.21	118.92	167.77	200.59	142.12	0.00	0.00	0.00	0.00	<b>652.84</b>
<b>Blend Wells Subtotal</b>	0.04	1.99	0.00	22.21	164.66	252.29	246.95	199.29	0.00	0.00	0.00	0.00	<b>887.43</b>
<b>RWF Blend (See Breakdown Below)</b>	111.53	181.95	219.49	281.13	440.09	454.91	471.51	442.37	0.00	0.00	0.00	0.00	<b>2602.98</b>
<b>CDS Total</b>	<b>123.42</b>	<b>202.20</b>	<b>246.39</b>	<b>333.64</b>	<b>643.85</b>	<b>749.62</b>	<b>757.44</b>	<b>663.22</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3719.79</b>

## Approximate Recycled Water Blend Breakdown:

Estimated Recycled Water	99.38	175.74	202.46	243.27	350.28	364.71	381.66	350.71	0.00	0.00	0.00	0.00	2168.22
RWF No_1 (potable)	12.15	6.20	17.03	37.86	89.81	90.20	89.85	91.66	0.00	0.00	0.00	0.00	434.75

\* 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
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2022 Production Percentages:			
Recovery Wells	Supplemental Wells	Recycled Water	Potable Water
6%	24%	58%	12%

\*Preliminary, Subject to Revision