



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, December 8, 2021, 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 October 27, 2021 Projects & Facility Operations Committee Meeting Minutes
4. Review Committee Membership and Make Recommendation to the Board of Directors for 2022
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 Improvements Project
 - d. Pajaro Valley Sustainable Groundwater Planning Project (SGMA 5-Yr Update)
6. Receive Facility Operations Report
7. Discuss Future Agenda Items
8. Next Regular Meeting: January 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, October 27, 2021, 3:00 p.m.

Committee Members	
Present	Not Present
Mary Bannister, Director, Chair	Stephen Rider, Director
Sam Cooley, Vice Chair	Frank Capurro
Amy Newell, Director	
Rosemarie Imazio	
Jonathan Pilch	
Staff & Other Attendees	
Brian Lockwood, General Manager (GM)	Shinehah Bigham, Water System Operator (WSO)
Casey Meusel, Associate Hydrologist (AH)	Marcus Mendiola, Water Conservation and Outreach Specialist (WCOS)
Erin McCarthy, Resource Conservation District of Santa Cruz County	

1. **Welcome and Introductions.** Chair Bannister called the meeting to order at 3:02 p.m.
2. **Public and Member comments.** None.
3. **Consider Approval of September 29, 2021 Projects and Facility Operations Committee Meeting Minutes.** Committee Member Imazio moved to approve the September 29, 2021 minutes as amended (wording revision of item 5, first sentence, "...failure of Blend Well 1 (BW1)"; Director Newell seconded. The motion carried by the following voice vote:

Ayes: Bannister, Newell, Imazio, Pilch
Noes: None
Abstain: Cooley
Absent: Rider, Capurro
4. **Receive Projects and Programs Update.**
 - a. **College Lake Integrated Resources Management Project.** GM Lockwood reported that the 60% designs for the College Lake Pipeline are complete and were shared with agencies involved with the project. Staff anticipate receiving the 100% designs for the weir structure, pump station, water treatment plant, and fish passage in November. Utility locating services and geotechnical work along the planned pipeline route is underway with cultural resource surveys scheduled on sites where landowners have provided access. GM Lockwood shared

that the fourth meeting of the Ad Hoc Adaptive Management Committee is scheduled for November 10, and that staff will publish a draft of the plan next week. He shared that PV Water received a letter from the State Water Resources Control Board (State Water Board) providing notification that the State Water Board will consider the College Lake Project water-right permit application on December 7. He noted that outreach and property acquisition efforts continue, and that two initial property offers have been made. Roundtable discussion ensued.

- b. Watsonville Slough System Managed Aquifer Recharge & Recovery Projects.** GM Lockwood reported that the State Water Board accepted the Struve Slough Project water-right permit application, issued a permit number, and that staff are executing the required publication and noticing for the permit. Following the Committee's recommendation last month to proceed with efforts to expand output of existing wells and construct new monitoring wells, staff researched existing easements of constructed monitoring wells and determined they were likely not large enough to accommodate new monitoring wells. Staff have begun discussions with the property owners regarding access to construct new monitoring wells and are researching funding opportunities to support the work. Roundtable discussion ensued.
 - c. Recycled Water Facility Improvements Project.** GM Lockwood reported that staff from PV Water, the City of Watsonville, and Carollo Engineers met as part of the Recycled Water Facility Reliability Study aiming to improve the efficiency and reliability of recycled water treatment. The meeting included discussion of the Phase III project to equip a second UV light train and consideration of whether to use original design and technology or update the design to utilize newer technology. Per the existing agreement, the project must be completed by December 2022.
 - d. Pajaro Valley Sustainable Groundwater Planning Project (SGMA 5-Yr Update)** GM Lockwood reported that staff presented summaries of the draft Basin Management Plan: Groundwater Sustainability Update 2022 (GSU22) and the subsidence analysis conducted by the United States Geological Survey to the Board of Directors on October 20, 2021. Staff will bring the GSU22 back to the Board of Directors for consideration of adoption at the November 17, 2021 meeting. He shared that staff held a meeting earlier today with adjacent basin groundwater sustainability agencies to discuss the GSU22 and that another meeting is scheduled for tomorrow with agencies to discuss the non-jurisdictional portion of the basin.
- 5. Receive Facility Operations Report.** WSO Bigham reported that demand for delivered water is slowing down as growers begin to prepare for next season with approximately 558 acre-feet delivered in September and an estimated 300 acre-feet projected for October. She shared that the City of Watsonville recently performed an IT security upgrade that unexpectedly interrupted PV Water's ability to communicate with the Recycled Water Facility and forced staff to operate the system on site. Staff are beginning to focus on maintenance activities including building a railing at the Harkins Slough pump station and an upcoming IT upgrade to better protect the SCADA system. GM Lockwood added that the lease agreement for Blend Well 1 will end at the end of the calendar year and staff continue negotiations with the property owners. Roundtable discussion ensued.

- 6. Discuss Delivered Water Customers Meeting, November 4, 2021.** GM Lockwood shared the letter invitation and draft agenda sent to growers and summarized the planned presentation. The meeting marks the first in-person meeting hosted by PV Water since the start of the pandemic.
- 7. Receive Water Quality Quarterly Report.** AH Meusel presented the 2021-Q3 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, December 8, 2021, at 3:00 p.m.
- 10. Meeting Adjourned at 4:02 p.m.**

MEMORANDUM

DATE: December 3, 2021
MEETING OF: December 8, 2021
TO: Projects & Facility Operations Committee
FROM: General Manager
RE: **ITEM 4:** Review Committee Membership and Make Recommendation to the Board of Directors for 2022

BACKGROUND

The Pajaro Valley Water Management Agency (PV Water) currently has two standing committees: the Administration & Finance Committee, which provides oversight of PV Water's administration and financial matters, and the Projects & Facility Operations Committee, which is to advise the Board and staff on capital projects and programs related to water supply, quality and operations of facilities identified in the Basin Management Plan, including any new technologies that might become available. The Projects & Facility Operations Committee also serves to communicate issues and concerns regarding water quality and facility operations between the Agency, landowners and growers within PV Water's service area.

DISCUSSION

The Committee should discuss membership recommendations for 2022. The Board of Directors will receive the Committee's recommendation on December 22, 2021.

Projects & Facility Operations Committee

Members:

Per the Bylaws established by Ordinance 2015-30, members of the Projects & Facility Operations Committee shall include: Three members of the Board of Directors, two growers in the Delivered Water Zone, one grower from outside the Delivered Water Zone, and one Member-at-large.

Current Members:

Directors (3): Mary Bannister (Chair), Bob Culbertson, Amy Newell
Growers in the Delivered Water Zone (2): Frank Capurro, Rosemarie Imazio
Grower outside the Delivered Water Zone (1): Sam Cooley
Member-at-large (1): Jonathan Pilch

Officers:

Chair and Vice Chair. Either the Chair or Vice Chair shall be selected from one of the Directors serving on the Committee.

Schedule:

Monthly

Date and time:

Last Wednesday of each month at 3:00 pm, unless otherwise noted.

Location:

During COVID-19 State of Emergency, meetings have occurred by Teleconference, otherwise meetings occur at the Water Resources Center Conference Room or the PV Water Warren Koenig Conference Room (as noticed).

Production Monthly Summary 2021 as of October 31st*

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	0.000	0.000	2.430	0.000	0.000								2.4

Coastal Distribution System (CDS):

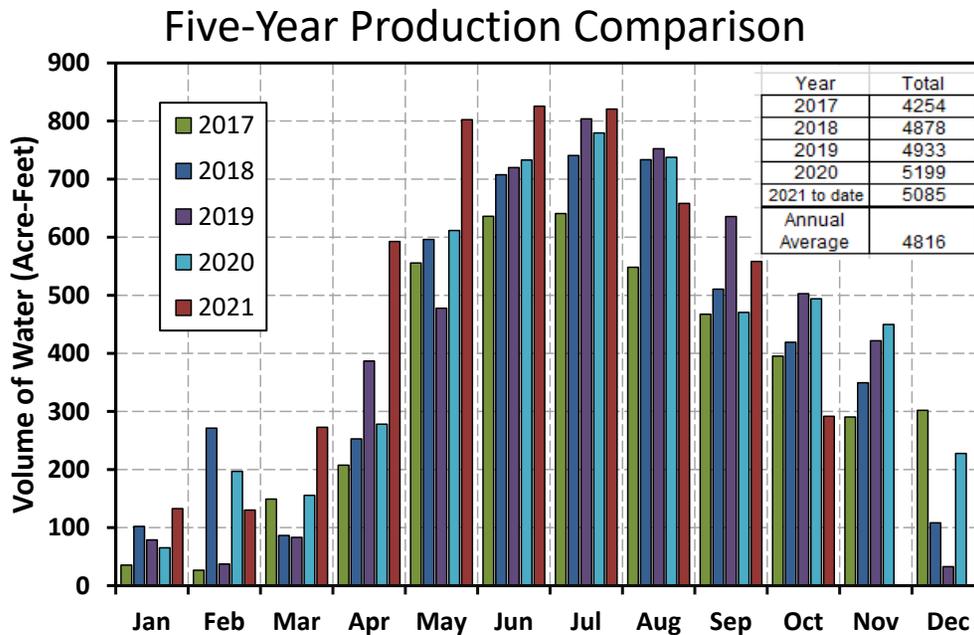
Recovery Wells Sub Total	8.507	8.688	14.583	35.079	37.136	33.809	31.649	25.153	20.052	10.754	0.000	0.000	225.41
Blend Wells													
SW #1	0.000	0.000	0.000	29.609	90.795	114.808	100.285	36.680	17.658	4.974	0.000	0.000	394.81
SW #2	0.000	2.409	16.043	124.582	193.784	230.320	237.875	220.759	135.613	36.868	0.000	0.000	1198.25
Blend Wells Subtotal	0.000	2.409	16.043	154.191	284.579	345.128	338.160	257.439	153.271	41.842	0.000	0.000	1593.06
RWF Blend (See Breakdown Below)	124.175	119.113	242.049	403.329	480.653	446.744	450.899	375.605	385.056	239.037	0.000	0.000	3266.66
CDS Total	132.68	130.21	272.67	592.60	802.37	825.68	820.71	658.20	558.38	291.63	0.00	0.00	5085.13

Approximate Recycled Water Blend Breakdown:

Estimated Recycled Water	108.473	114.629	210.384	308.871	377.220	343.723	348.326	277.577	298.757	200.024	0.000	0.000	2587.98
RWF No_1 (potable)	15.702	4.484	31.665	94.458	103.433	103.021	102.573	98.028	86.299	39.013	0.000	0.000	678.68

* 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	0.000	0.000	27.042	31.357	18.601	0.000	0.000	0.000	0.000	0.000	77.00
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2021 Production Percentages:			
Recovery Wells	Supplemental Wells	Recycled Water	Potable Water
4%	31%	51%	13%

*Preliminary, Subject to Revision