



## PAJARO VALLEY WATER MANAGEMENT AGENCY

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<https://www.pvwater.org>

# PROJECTS & FACILITY OPERATIONS COMMITTEE MEETING

## Teleconference Meeting

**Wednesday, September 30, 2020, 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 26, 2020 Projects & Facility Operations Committee Meeting Minutes **Pages 3-5**
4. Receive Projects & Programs Update **Oral Report**
  - a. College Lake Integrated Resources Management Project
  - b. Proposed Watsonville Slough System Managed Aquifer Recharge & Recovery Projects
  - c. Recycled Water Facility Improvements Project
  - d. Coastal Distribution System F-Pipeline Expansion Project
  - e. Pajaro Valley Sustainable Groundwater Planning Project (SGMA 5-Year Update)
5. Receive Facility Operations Report **Page 6**
6. Discuss Basin Management Plan Conservation Program Improvement Considerations
7. Discuss Future Agenda Items
8. Next Regular Meeting: October 28, 2020  
Adjournment

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**PROJECTS & FACILITY OPERATIONS COMMITTEE MEETING**

**Projects & Facility Operations Committee**

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

**Wednesday, August 26, 2020, 3:00 p.m.**

<b>Committee Members</b>	
<b>Present</b>	<b>Absent</b>
Mary Bannister, Director, Chair	Sam Cooley, Vice-Chair
Bob Culbertson, Director	
Amy Newell, Director	
Frank Capurro	
Rosemarie Imazio	
Jonathan Pilch	
<b>Staff &amp; Other Attendees</b>	
Brian Lockwood, General Manager (GM)	Jesus “Chuy” Martinez, Water Systems Operations Supervisor (WSOS)
Helen Rodriguez, Finance and Administrative Services Manager (FASM)	Shinehah Bigham, Water System Operator (WSO)
Marino Hernandez, Water Resources Technician (WRT)	Marcus Mendiola, Conservation and Outreach Specialist (COS)
Casey Meusel, Associate Hydrologist (AH)	Angie Carreras, Resource Conservation District of Santa Cruz County
Erin McCarthy, Resource Conservation District of Santa Cruz County	Gerry Spinelli, PhD., Resource Conservation District of Santa Cruz County
Michael Cahn, PhD., University of California Cooperative Extension	

- Welcome and Introductions.** Chair Bannister called the meeting to order at 3:04 p.m.
- Public and Member comments.** None.
- Consider Approval of July 29, 2020 Projects and Facility Operations Committee Meeting Minutes.** Director Newell moved to approve the July 29, 2020 minutes; Committee Member Imazio seconded. The motion carried by the following voice vote:

**Ayes:** Bannister, Culbertson, Newell, Capurro, Imazio, Pilch  
**Noes:** None  
**Abstain:** None

**Absent:** Cooley

- 4. Receive Update on Water Conservation Program.** GM Lockwood provided a brief overview of the Basin Management Plan Water Conservation Program and noted that analyses completed to date indicate the program is falling short of its goal. GM Lockwood then introduced program partners from the Resource Conservation District of Santa Cruz County, Ms. Erin McCarthy, Dr. Gerry Spinelli, and from the University of California Cooperative Extension, Dr. Michael Cahn who collectively delivered a presentation that summarized the status of the program, outreach efforts, challenges, and recommendations to improve the program. A roundtable discussion on how to improve participation in, and the success of, the program ensued.
  
- 5. Receive Projects and Programs Update.**
  - a. College Lake Integrated Resources Management Project.** GM Lockwood reported that the State Water Board postponed the water-right permit hearing from August 24 & 25, 2020 to September 22 & 23, 2020. The Board of Directors, on August 19, 2020, approved agreements with Carollo Engineers and Jacobs Engineering Group for design of the project components. GM Lockwood also shared that staff and the consultant teams will be holding a series of workshops in the coming months to discuss project component design. The fish passage design, under development by cbec eco engineers, has reached the 60% complete milestone.
  - b. Proposed Watsonville Slough System Managed Aquifer Recharge & Recovery Projects.** GM Lockwood reported that the environmental lead of the project, Ms. Jill Hamilton of ESA, presented a summary of the project Draft EIR (DEIR) at the August 19, 2020 Board of Directors meeting. Staff anticipate publishing the DEIR on September 1, 2020 and hosting a public meeting on September 23, 2020 to enable agencies and the public to ask questions on the DEIR.
  - c. Recycled Water Facility Improvements Project.** GM Lockwood reported the project remains at substantial completion as the contractor works through remaining punch list items.
  - d. Coastal Distribution System F-Pipeline Expansion Project.** GM Lockwood reported that the contractor connected the new F-Pipeline to the existing Coastal Distribution System and is performing a pressure test. He shared that appurtenances are in construction and some agricultural land within the construction easement has returned to landowners and their tenants.
  - e. Pajaro Valley Sustainable Groundwater Planning Project (SGMA 5-Yr Update)** GM Lockwood reported that on August 19, 2020, the Board of Directors formed a Groundwater Sustainability Committee. The composition of the Committee includes 12-appointed seats and 5-seats that will selected through an application process. Staff have developed a project webpage, are about to issue a press release, and will send outreach letters soliciting participation in the Committee. Earlier today, staff met with team members from the United States Geological Survey and Montgomery & Associates to discuss modeling efforts that will support the project.
  
- 6. Receive Facility Operations Report.** WSOS Martinez reported that staff have delivered just over 2,800 acre-feet of supplemental water through July 2020. WSOS Martinez noted that the system is currently operating smoothly following issues created by high turbidity levels which unfortunately affected recycled water production during the recent heat wave. He shared that PV Water, City staff, and Carollo Engineers, are discussing options to mitigate future turbidity issues.
  
- 7. Discuss Water Users Handbook and Rules & Regulations.** GM Lockwood provided a brief review of this recurring item. The Committee directed staff to remove this as a regular agenda item.

8. **Discuss Future Agenda Items.** The Committee would like to continue discussing recommendations for improving participation in, and the success of, the Water Conservation Program.
9. **Next Meeting:** Wednesday, September 30, 2020, at 3:00 p.m.
10. **Meeting Adjourned at 4:14 p.m.**

# Production Monthly Summary 2020 as of August 31st

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	194.500	457.656	222.918	204.118	201.324								<b>1280.5</b>

## Coastal Distribution System (CDS):

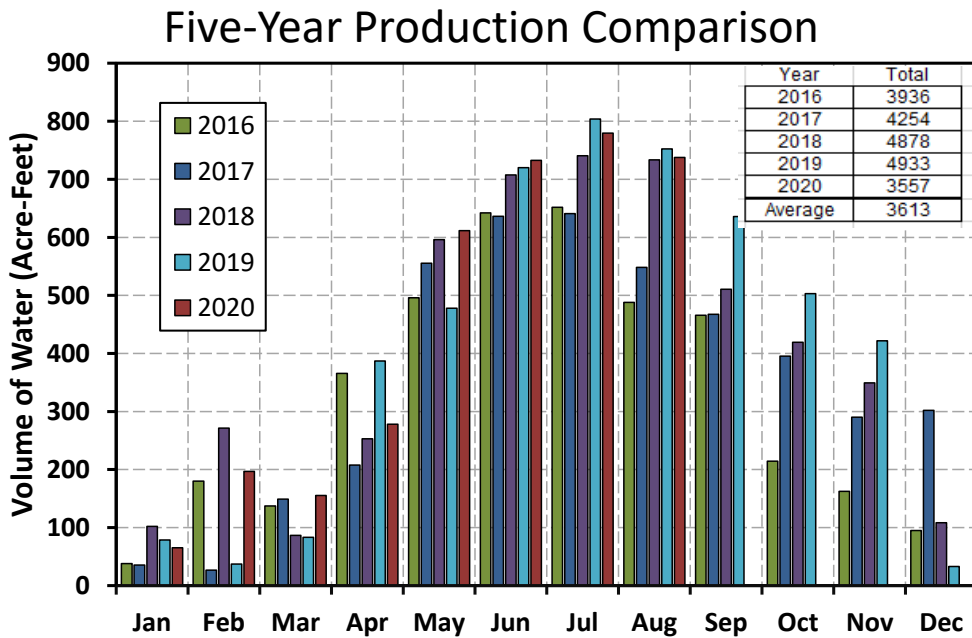
<b>Recovery Wells Sub Total</b>	5.153	26.268	19.509	34.491	53.372	54.342	65.180	65.212	0.000	0.000	0.000	0.000	<b>323.53</b>
<b>Blend Wells Subtotal</b>	4.257	53.392	4.594	26.471	90.493	181.249	219.232	208.819	0.000	0.000	0.000	0.000	<b>788.51</b>
<b>RWF Blend*</b>	55.940	117.176	131.328	217.126	467.724	497.219	495.103	463.746	0.000	0.000	0.000	0.000	<b>2445.36</b>
<b>CDS Total</b>	<b>65.35</b>	<b>196.84</b>	<b>155.43</b>	<b>278.09</b>	<b>611.59</b>	<b>732.81</b>	<b>779.52</b>	<b>737.78</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3557.40</b>

## Approximate Recycled Water Blend\*\* Breakdown:

Estimated Recycled Water	53.009	71.460	113.952	200.915	382.150	396.382	384.741	355.829	0.000	0.000	0.000	0.000	1958.44
RWF No_1 (potable)	2.931	45.716	17.376	16.211	85.574	100.837	110.362	107.917	0.000	0.000	0.000	0.000	486.92

\* 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	0.000	0.000	5.934	37.122	35.081	35.195	0.000	0.000	0.000	0.000	107.40
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2020 Production Percentages:			
Recovery Wells	Supplemental Wells	Recycled Water	Potable Water
9%	22%	55%	14%