Paso Basin Cooperative Committee Notice of Special Meeting

AGENDA

February 7, 2024

NOTICE IS HEREBY GIVEN that the Paso Basin Cooperative Committee will hold a Special Meeting at **4:00 p.m.** on **Wednesday, February 7, 2024,** at the Paso Robles Culinary Arts Academy, 1900 Golden Hill Road, Paso Robles, CA 93446.

Zoom Link:	https://us06web.zoom.us/j/83359446962?pwd=bGJFK3pXYitOQ0hWdk5mZTBXWDFoZz09
Meeting ID:	833 5944 6962
Passcode:	068456
Call-in:	+16694449171,,83359446962#,,,,*068456# US

NOTE: The Paso Basin Cooperative Committee (PBCC) reserves the right to limit each speaker to three (3) minutes per subject or topic. In compliance with the Americans with Disabilities Act, all possible accommodations will be made for individuals with disabilities, so they may participate in the meeting. Persons who require accommodation for any audio, visual or other disability in order to participate in the meeting of the PBCC are encouraged to request such accommodation 48 hours in advance of the meeting from Taylor Blakslee at (661) 477-3385.

Members	Alternates
Matt Turrentine, Chair, Shandon-San Juan WD	Ray Shady, Shandon-San Juan WD
Berkley Baker, Vice Chair, San Miguel CSD	Kelly Dodds, San Miguel CSD
John Hamon, Secretary, City of Paso Robles	Sharon Roden, City of Paso Robles
Bruce Gibson, Treasurer, County of SLO	Blaine Reely, County of SLO
Dana Merrill, Estrella El-Pomar Creston WD	Hilary Graves, Estrella El-Pomar Creston WD

- 1. Call to Order (Turrentine) (1 min)
- 2. Pledge of Allegiance (Turrentine) (1 min)
- 3. Roll Call (Blakslee) (1 min)
- 4. Meeting Protocols (Blakslee) (2 min)
- 5. Public Comment Items not on Agenda (Turrentine) (3 min/speaker)
- 6. Response to Previous Public Comments (Reely) (1 min) Nothing to Report

REPORT ITEMS

- 7. Report on SGMA GSP Round 1 Grant Implementation (Blakslee) (5 min)
- 8. Update on MILR Project (Reely/Porter) (15 min) Verbal
- 9. Report on the Paso Robles Groundwater Basin Alluvial Monitoring Wells Design and Construction Support Services RFP (Reely) (5 min)
- 10. Update on Paso Robles Groundwater Basin Cost of Service Rate Study (Reely) (5 min) Verbal

ACTION ITEMS

- 11. Approval of October 25, 2023, Meeting Minutes (Turrentine) (5 min)
- 12. Receive a Presentation on the State Water Project Recharge Pilot Project and Consider Recommending the Development of an RFP for a Feasibility Study (Merrill/Provost & Pritchard) (20 min)
- 13. Receive a Presentation on Satellite-Based Evapotranspiration (ET) Methodology for Agricultural Water Use Estimates (Reaugh/Joel Kimmelshue) (45 min)
- 14. Review and Provide Direction on PBCC Budget Development Framework and Schedule (Reely) (30 min)

- 15. Update from Member GSA PBCC Staff (10 min) Verbal
 - a. City of Paso Robles
 - b. County of San Luis Obispo
 - c. San Miguel Community Services District
 - d. Shandon-San Juan Water District
 - e. Estrella-El Pomar-Creston Water District
- 16. Committee Member Comments Committee members may make brief comments, provide status updates, or communicate with other members, staff, or the public regarding non-agenda topics
- 17. Upcoming meeting(s) (Blakslee) (2 min)
 - a. Next PBCC Meeting March 27, 2024
- 18. Future Items (2 min)
- 19. Correspondence (1 min) Nothing to Report
- 20. Adjourn (7:01 p.m.)

PASO BASIN COOPERATIVE COMMITTEE February 7, 2024

Agenda Item #7 – Report on SGMA GSP Round 1 Grant Implementation

Recommendation

None; information only.

Prepared By

Blaine Reely, County of San Luis Obispo Groundwater Sustainability Director

Discussion

A report on the budget and expenses for each component of the awarded California Department of Water Resource Sustainable Groundwater Management Round 1 grant (\$7.6 million) is provided as Attachment 1.

* * *

Attachment 1

2022

Jul

Invoice 1

7 – Report on SGMA GSP Round 1 Grant Implementation Taylor Blakslee

• Six (6) invoices submitted to-date

Invoice 3

May

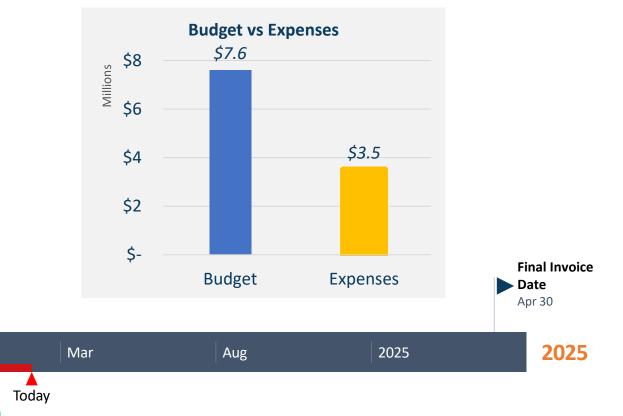
Invoice 4

• Invoice No. 6 Total = \$3,402,694

Invoices Submitted

Invoice 2

Dec



Paso Basin Cooperative Committee February 7, 2024

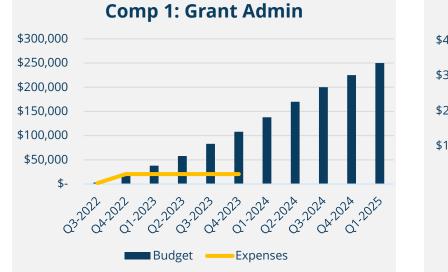
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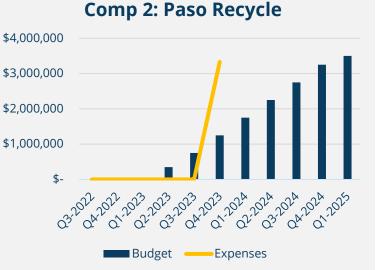
Invoice 6

Invoice 5

7 – Report on SGMA GSP Round 1 Grant Implementation

Taylor Blakslee



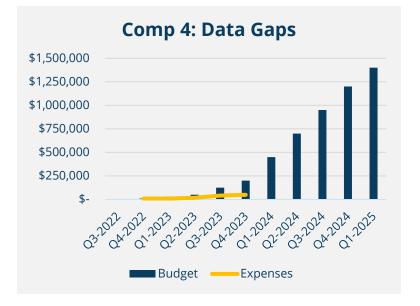


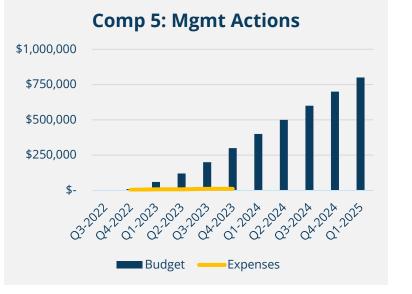




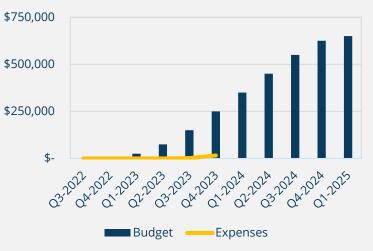
Paso Basin Cooperative Committee February 7, 2024

7 – Report on SGMA GSP Round 1 Grant Implementation Taylor Blakslee









Paso Basin Cooperative Committee February 7, 2024

PASO BASIN COOPERATIVE COMMITTEE February 7, 2024

Agenda Item #9 – Report on the Paso Robles Groundwater Basin Alluvial Monitoring Wells Design and Construction Support Services RFP

Recommendation

None – informational only.

Prepared By

Blaine Reely, County of San Luis Obispo Groundwater Sustainability Director

Discussion

On October 25, 2023, the Paso Basin Cooperative Committee (PBCC) received and filed the expanded groundwater level monitoring network technical memorandum and directed staff to proceed with the implementation of the memo recommendations.

One of the recommendations was to construct up to eight shallow wells to monitor the alluvium in data gaps identified by previous studies and presented in the technical memo.

On January 11, 2024, the County of San Luis Obispo issued the *Paso Robles Groundwater Basin Alluvial Monitoring Well Network Expansion Design and Construction Support Services (#1781)* request for proposals (RFP) and proposals are due February 9, 2024.

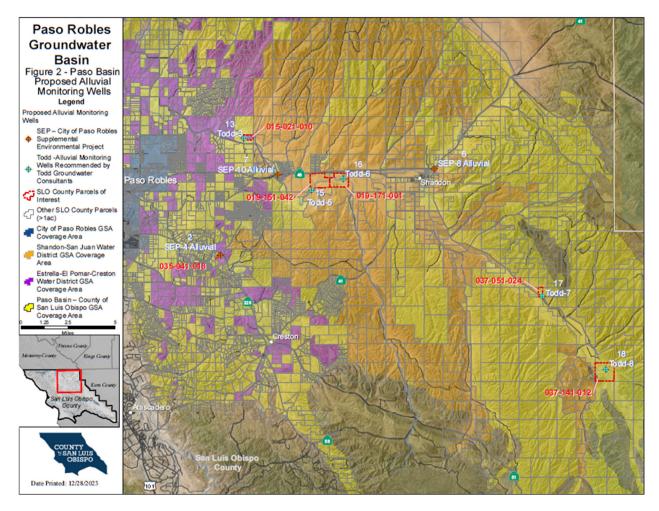
The RFP schedule and proposed well locations is provided as Attachment 1.

* * *

Request for Proposals Schedule

RFP Schedule	Date
Issued	January 11, 2024
Pre-Proposal Conference	January 26, 2024
Deadline for Final Questions	January 31, 2014
Proposal Submission Date	February 9, 2024
Evaluation of Proposals Completed	February 16, 2024
Interviews (if needed)	February 20, 2024
Contract Negotiations Completed	February 23, 2024
Intent to Award Issued	March 1, 2024
Award by Board of Supervisors (If required)	March 5, 2024
Notice to Proceed	March 6, 2024

Draft Potential Alluvial Well Locations



		OCTOBET 23, 2023				
	Matt Turre Kelly Dodd Berkley Bal Sharon Roc Bruce Gibs	nbers or alternates were present: ntine, Chair, Shandon-San Juan Water District GSA s, Alternate, San Miguel Community Services District GSA ker, Vice Chair, San Miguel Community Services District GSA len, Alternate, City of Paso Robles GSA on, Treasurer, County of San Luis Obispo GSA ves, Alternate, Estrella-El Pomar-Creston Water District GSA				
1.	Call to Order	Chair Turrentine: calls the meeting to order at 4:00 p.m.				
2.	Pledge of Allegiance	Chair Turrentine: leads the Pledge of Allegiance.				
3.	Roll call	Project Manager, Taylor Blakslee: calls roll.				
4.	Approve Member Change for San Miguel CSD GSA	Vice Chair Dodds: explains San Miguel Community Services District GSA (SMCSD) approved Berkley Baker to be the SMCSD GSA Committee Member and Kelly Dodds will become the alternate for SMCSD.				
		Member Baker took Vice Chair Dodds place for the remainder of the meeting.				
		Chair Turrentine: opens the floor for public comment.				
		Greg Grewal: comments.				
		Chair Turrentine: closes the floor for public comment.				
5.	Approve Alternate Change for City of Paso Robles GSA	Christopher Alakel: explains City of Paso Robles GSA approved Sharon Roden to be the alternate for the City of Paso Robles.				
6.	Meeting Protocols	Project Manager, Blakslee provides an overview of meeting protocols.				
7.	Public Comment – Items not on Agenda	Meeting Audio: Item start ~ 00:09:28 Chair Turrentine: opens the floor for public comment.				
	, ,	Murray Powell: comments he was looking at the San Luis Obispo (SLO) County grand jury response report, there are five comments in there that clarifies the PBCC is an advisory body to each of the GSAs with no authority to adopt or implement the GSP. In talking with members of the public, we are all confused on what the purpose is of the PBCC. In my understanding, whatever issues arise that requires a vote, there appears to be no effect since each member needs to go back to their GSA before anything can be approved and implemented. Greg Grewal: comments there is a form 700 that has not been filled out by the new members or the members on the Board.				
L						

Candy Nachel: comments all three of her wells are still dry. If grapes take 326,000 gallons of water for an acre just to grow for a year, you divide that by 4,000 gallons pumped by me in a month gives you 81. 81 divided by 12 months gives me 6 years and 9 months of water which the grapes use in a single year. That to me is not equity. I am losing out on this. As I look out my front door I see nothing but green grapes, vines, and grass growing and it makes me sick. I just want to say the word equity does not apply to me in that statement. Please don't forget the residential landowners are out there, even though we are not showing up in numbers. If I speak for one, I speak for many and just because I cannot rally the call and ride up in horseback through the neighborhoods doesn't mean I don't care. I am going to be standing here until the day I die and keep harping as long as my wells are dry.
Meeting Audio: Item start ~ 00:16:01 Nothing to report.
 Meeting Audio: Item start ~ 00:16:09 Chair Turrentine: opens discussion for Agenda Item 9 Report From EPC GSA Regarding Extraction Reporting Methodology. Jerry Reaugh: comments he is staff for the EPC Water District. He explains at the last PBCC meeting the committee authorized GSA staff to investigate extraction reporting methodologies. In a meeting with the GSA staff the consensus was to focus on evapotranspiration (ET) as a primary methodology for determining and measuring groundwater extraction and secondly a criterion needs to be developed for using ET. After that meeting, Shandon San Juan and EPC used their own engineer to begin developing a strategy for using ET. Companies to provide this ET service are currently being identified and once a list of companies is developed, staff will reconvene and review the information that has been gathered and create a summary to be presented to the PBCC. Alternate Roden: asks if ET can accurately gauge how much water is being used as pre-irrigation. Jerry Reaugh: responds yes there are a number of water districts and GSAs in the State that do exactly that. Some do extensive ground-truthing where they travel around the basin and compare the ET data with what is actually there. Chair Turrentine: opens the floor for public comment. Greg Grewal: speaks.

10. Status of Fall 2023 Groundwater Level Measurements	Candy Nachel: speaks. Chair Turrentine: closes the floor for public comment. Treasurer Gibson: agrees with Mr. Reaugh and states the same technology is being used at Los Osos. Once the ET data is calibrated with ground truthing, it will be an efficient and non-intrusive way to manage this basin. Alternate Roden: asks if the ET accurately measures the water use from the ponds and requested more information on ET. Jerry Reaugh: replies more information will be made available in the future. Alternate Graves: comments she has a lot of confidence in the scientific accuracy of ET. <i>Meeting Audio: Item start = 00:34:13</i> Chair Turrentine: opens discussion for Agenda Item 10 Status of Fall 2023 Groundwater Level Measurements Mr. Reely: informs the PBCC 84 out of 96 wells were measured, six wells are planned to be measured and six wells were not measured due to blockage, stuck sounder, a well was pumping, owner not providing access, or wells had a damaged access port. Chair Turrentine: opens the floor for public comment. Greg Grewal: comments. Chair Turrentine: closes the floor for public comment. Treasurer Gibson: asks what the timeline is for getting the results from the measurements. Mr. Reely: responds the data will be made available at the first meeting in 2024.
11. Update on Contract for Preparation of Water Year 2023 Annual Report	 Meeting Audio: Item start ~ 00:38:15 Chair Turrentine: opens discussion for Agenda Item 10 Report on SGMA GSP Round 1 Grant Implementation Mr. Reely: reviews the requirement to complete an Annual Report and reminds the committee, GSI Water Solutions Inc was awarded the contract to develop the 2023 Annual Report. Chair Turrentine: opens the floor for public comment.

Image: Consider and the set of the					
12. Discuss Potential Public Outreach Initiatives and Consider Directing PBCC Staff to Develop an Outreach Strategy for Future Consideration by the PBCC Meeting Audio: hem start - 00:44:13 Chair Turrentine: opens discussion for Agenda Item 12 Discuss Potential Public Outreach Initiatives and Consider Directing PBCC Staff to Develop an Outreach Strategy for Future Consideration by the PBCC Treasurer Gibson: discusses potentially increasing public outreach to educate and notify the public on efforts being done in the Basin by having a website dedicated to this effort. He asks if the PBCC would be interested in directing staff to create an RFP to determine the cost for developing a website. Consideration by the PBCC Chair Turrentine: opens the floor for public comment. Willy Cunha: speaks. Candy Nachel: speaks. George Tracy: speaks. George Tracy: speaks. Murray Powell: speaks. Chair Turrentine: closes the floor for public comment. Alternate Graves: comments this is important and the PBCC has a responsibility to do this. Alternate Roden: comments she supports the development of the website. Chair Turrentine: comments he supports the creation of the website. Chair Turrentine: comments he supports the creation of the website.			ublic comment.		
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Members Ayes Noes Abstain Recuse		Members	Ayes Noes Abstain Recuse		

	Matt Turrentine (Chair)	Х				
	Berkley Baker (Vice Chair)	X				
	Sharon Rođen	X				
	Bruce Gibson (Treasurer)	X				
		Λ				
13. Report on SGMA GSP Round 1 Grant Implementation	Hilary Graves X Meeting Audio: Item start ~ 01:03:31 Chair Turrentine: opens discussion for Agenda Item 13 Report on SGMA GSP Round 1 Grant Implementation Mr. Blakslee: provides an update on the fourth invoice submitted and explains the overall expenditure is low but expects costs against the grant to ramp up as various grant projects are implemented. Chair Turrentine: opens the floor for public comment. Murray Powell: speaks. Chair Turrentine: closes the floor for public comment. Alternate Roden: asks if this information is available to the public. Mr. Reely: explains this budget would be available on the County website. Alternate Roden: asks if this would be available on the centralized website.					iins p as
14. Report on Technical Advisory Committees a. Expanded Monitoring Network b. Blended Water Supply c. MILR	Meeting Audio: Item start ~ 01:08:06 Chair Turrentine: opens discussion fo Advisory Committees. Mr. Blakslee: reviews the work items PBCC packet. Chair Turrentine: opens the floor for p Greg Grewal: comments.	for each	TAC, v	which are		
15. Approval of July 26, 2023 Regular Meeting Minutes and September 7,	Chair Turrentine: closes the floor for Meeting Audio: Item start ~ 01:15:39 Chair Turrentine: opens discussion fo 2023 Regular Meeting Minutes and S Minutes; asks for comments from the Chair Turrentine: opens the floor for	r Agenda eptember Committ	Item 1 7, 202 zee.	5 Approv 3 Special		6,

2023 Special Meeting Minutes	Greg Grewal: speaks.						
Wreeting Windles							
	Chair Turrentine: closes the floor for public comment.						
	Motion by: Treasurer Gibson Second by: Alternate Roden						
	Motion: Committee approves of July 26, 2023, Regular Meeting Minutes and September 7, 2023, Special Meeting Minutes						
	Members	Ayes	Noes	Abstain	Recuse]	
	Matt Turrentine (Chair)	X				4	
	Berkley Baker (Vice Chair)	X				4	
	Sharon Roden	X				4	
	Bruce Gibson (Treasurer)	X					
	Hilary Graves	X					
16. Review and Recommend Individual GSAs Approve MOA Amendment No. 2	Hilary Graves X Meeting Audio: Item start ~ 01:20:07 Chair Turrentine: opens discussion for Agenda Item 16 Review and Recommon Individual GSAs Approve MOA Amendment No. 2					PBCC nues to will CC.	

	October 23, 2025					
	Motion by: Treasurer Gibson Second by: Alternate Graves Motion: Recommend to individual GS MOA.					to the
	Members	Ayes	Noes	Abstain	Recuse	-
	Matt Turrentine (Chair)	X				4
	Berkley Baker (Vice Chair)	X				4
	Sharon Roden	X				4
	Bruce Gibson (Treasurer)					
	Hilary Graves	X				
17. Discuss and Provide Direction on the Development of a Budget Framework for the PBCC	Chair Turrentine: opens discussion for Direction on the Development of a Bud Mr. Reely: explains the PBCC is requir member contribution percentages for the He continues to explain that historically the main cost being the development of Treasurer Gibson: explains it could be executive director to coordinate the PB the PBCC. Chair Turrentine: opens the floor for put Chair Turrentine: comments it is import the PBCC would be helpful. Vice Chair Baker: comments an ad hoc is hesitant to hire additional staff due to Alternate Roden: agrees with Vice Cha Treasurer Gibson: replies it would be be into the cost of having dedicated PBCC especially since the upcoming efforts we effort.	n (Treasurer) X n es X n n es X n n tem start ~ 01:37:43 time: opens discussion for Agenda Item 17 Discuss and Provide the Development of a Budget Framework for the PBCC. xplains the PBCC is required to develop a fiscal year budget and tribution percentages for the relevant fiscal year by each member is to explain that historically a budget has not been prepared due to the being the development of the annual report. bson: explains it could be beneficial for the PBCC to have an rector to coordinate the PBCC and a General Counsel dedicated to the time: opens the floor for public comment. No comments. time: comments it is important to have a budget and having staff is ould be helpful. Baker: comments an ad hoc can be formed to review the budget by hire additional staff due to the cost.				
18. Recommend the County Issue the Paso Robles	Meeting Audio: Item start ~ 01:51:34 Chair Turrentine: opens discussion for Issue the Paso Robles Groundwater Ba	-				•

Groundwater Basin Cost of Service Rate	Mr. Reely: explains the draft rate study RFP is included in the packet for review and provides an overview of the RFP schedule which is also included in the packet.
Study RFP	Chair Turrentine: opens the floor for public comment.
	Willy Cunha: speaks.
	Greg Grewal: speaks.
	George Tracy: speaks.
	Murray Powell: speaks.
	Chair Turrentine: closes the floor for public comment.
	Mr. Reely: explains current efforts and their costs will feed into the rate study and if the PBCC waits any longer to approve the rate study it will already be too late.
	Christopher Alakel: comments when planning for long-term infrastructure, it is important to project immediate, mid- and long-term needs rather than developing rates when the money is needed.
	Chair Turrentine: comments it is important to move forward with the RFP today.
	Vice Chair Baker asks if the fee rate will be based on groundwater extraction.
	Mr. Reely: replies the fee will be broken into different components and the consultant will provide their expertise on the best methods.
	Vice Chair Baker: comments he is opposed to moving forward with a fee.
	Alternate Graves: comments a rate study is needed and asks to differentiate between the cost of general administration, special projects, and money needed to fund the PBCC's ongoing operation.
	Alternate Roden: asks who sets the guidelines for the RFP.
	Mr. Reely: replies the RFP contains a detailed scope of work which was developed in collaboration with all the GSA's staff along with input from other GSAs in the State that have gone through this process.
	Alternate Roden: comments the RFP states the County has the ability to approve or deny any RFP and asks if the County will make that decision without PBCC approval.

 Mr. Reely: replies the PBCC could chose to interview consultants, or form hoc, if so desired, but the current process envisioned is for the County to is the RFP through its purchasing department and will follow the County procedures on consultant selection which includes review of proposals by Review Committee. Treasurer Gibson: comments the development of a rate study is very command explains this is extremely important. He continues to remind the PBCC are not approving a rate study, rather they are approving the RFP for devel a rate study. Chair Turrentine: reminds the PBCC staff was directed by the PBCC to de the RFP for consideration of approval by the PBCC. Motion by: Treasurer Gibson 						
	Second by: Alternate Graves Motion: Committee directs staff to issu Cost of Service Rate Study RFP.					
	Members	Ayes	Noes	Abstain	Recuse	
	Matt Turrentine (Chair)	Х				
	Berkley Baker (Vice Chair)		Х			
	Sharon Roden	Х				
	Bruce Gibson (Treasurer)	Х				
	Hilary Graves	Х				
19. Recommend Approval of the Expanded Monitoring Network	Hilary Graves Meeting Audio: Item start ~ 02:28:52 Chair Turrentine: opens discussion for . of the Expanded Monitoring Network. Mr. Blakslee: reviews TAC efforts to end included in the packet. Willy Cunha: reviews what the next stee implementation schedule which is incluing Chair Turrentine: opens the floor for put Greg Grewal: speaks. Murray Powell: speaks. Chair Turrentine: closes the floor for put	Agenda xpand the ops inclu ided in t	he moni ide, alor the pack mment.	itoring net	work which is	

October 25, 2025						
	Alternate Graves: comments there is a lot of important information from this project and is grateful to the members who volunteered their time. She asks if money from the grant is funding this effort or if money is needed.					
	Mr. Reely: responds money from the grant is being used to do the initial work to design and construct the eight alluvial wells along with installing some monitoring equipment. He continues to say the long-term funding for this project will not be grant funded and will need to be considered as part of the rate study.					
	Alternate Graves: asks if the PBCC staff will oversee this effort.					
	Mr. Reely: replies yes, PBCC staff will oversee this effort.					
	Treasurer Gibson: comments this is critically important and supports this effort.					
	Motion by: Treasurer Gibson Second by: Alternate Roden Motion: Committee approves the expanded monitoring network and the technical memorandum.					
	Members	Ayes	Noes	Abstain	Recuse	1
	Matt Turrentine (Chair)	X	1.005	1100000		1
	Berkley Baker (Vice Chair)	X				1
	Sharon Roden	Х				1
	Bruce Gibson (Treasurer)	X				4
	Hilary Graves	Х				1
20. Recommend	Meeting Audio: Item start ~ 02:46:47					
County Award	Chair Turrentine: opens discussion for Agenda Item 20 Recommend County					
Contract to	Award Contract to Selected Consultant for the Blended Irrigation Water Supply					
Selected	Project.					
Consultant for the Blended Irrigation Water Supply Project	Mr. Reely: explains the two proposals received were reviewed by the County and Blended Irrigation Water Supply Technical Advisory Committee and recommends that Water Systems Consulting Inc. be awarded the project contract.					
	Chair Turrentine: opens the floor for public comment.					
	Greg Grewal: speaks.					
	Chair Turrentine: closes the floor for public comment.					
	Motion by: Chair Turrentine Second by: Treasurer Gibson Motion: Committee approves the County award the project contract to Water Systems Consulting Inc.					

	Members	Ayes	Noes	Abstain	Recuse	
	Matt Turrentine (Chair)	X	11003	TOStam	Recuse	
	Berkley Baker (Vice Chair)	X				
	Sharon Roden	X				
	Bruce Gibson (Treasurer)	X				
	Hilary Graves	X				
21. Adopt the 2024	Meeting Audio: Item start ~ 02:51:30	Λ				
Meeting Calendar	Chair Turrentine: opens discussion for Agenda Item 21 Adopt the 2024 Mc Calendar.					-
	Mr. Blakslee: reviews the 2024 meeting calendar and explains the PBCC staff recommends the PBCC meet every other month.					
	Chair Turrentine: opens the floor for public comment. No comments.					
	Motion by: Alternate Graves					
	Second by: Chair Turrentine					
	Motion: Committee approves the 2024 meeting calendar as presented.					
	Members	Ayes	Noes	Abstain	Recuse	
	Matt Turrentine (Chair)	X				
	Berkley Baker (Vice Chair)	Х				
	Sharon Roden	Х				
	Bruce Gibson (Treasurer)	Х				
	Hilary Graves	Х				
22. U. J. 4. f	Magting Audio: Item start ~ 02:54:45					
22. Update from Member GSAs	Meeting Audio: Item start ~ 02:54:45 Chair Turrentine: opens discussion for Agenda Item 22 Update from Member GSAs.				ber	
	Christopher Alakel: comments the project by the City is expected to be completed in December.					
23. Committee	Meeting Audio: Item start ~ 02:55:41					
Member Comments	Chair Turrentine: opens discussion for Agenda Item 23 Committee Member Comments. No comments.					
24. Upcoming	Meeting Audio: Item start ~ 02:55:56					
meeting(s)	Chair Turrentine: opens discussion for Agenda Item 24 Upcoming meeting(s).					
	Mr. Blakslee: informs the PBCC staff will work to determine whether a special meeting is needed later in the year.					
25. Future Items	No requests were made.					

26. Correspondence	Meeting Audio: Item start ~ 02:56:35			
	Chair Turrentine: opens discussion for Agenda Item 18 Correspondence. No correspondence was presented.			
27. Adjourn	Chair Turrentine adjourns the meeting at 7:00 p.m.			

Drafted by: Taylor Blakslee/Joshua Montoya, Hallmark Group

PASO BASIN COOPERATIVE COMMITTEE February 7, 2024

Agenda Item #12 – Receive a Presentation on the State Water Project Recharge Pilot Project and Consider Recommending the Development of an RFP for a Feasibility Study

Recommendation

Direct GSA staff to develop a request for proposals for a State Water Project Recharge Pilot Project feasibility study.

Prepared By

Dana Merrill, Estrella-El Pomar-Creston Water District Groundwater Sustainability Agency

Discussion

A report from Estrella-El Pomar-Creston Water District Groundwater Sustainability Agency regarding a State Water Project Recharge Pilot Project (Project) is provided as Attachment 1. Staff is seeking PBCC feedback regarding the development of a request for proposals for a Project feasibility study.

* * *

State Water Project Supplies for Paso Robles Subbasin

PASO ROBLES SUBBASIN COORDINATING COMMITTEE

FEBRUARY 7, 2024

Background – State Water Project Supply and Paso Robles Subbasin

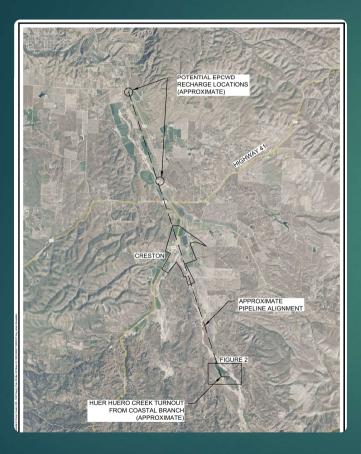
- Paso Robles Subbasin Identified as High Priority Subbasin
- Paso Robles GSP identified current operations as unsustainable
- Management Options:
 - Reduce Water Use; i.e., Fallow Irrigated Lands
 - Provide Additional Water Supply
- Paso Robles GSP revised to include option of State Water Project (SWP) supplies

Water Supply Availability

- San Luis Obispo County FC&WCD has 25,000 acre-foot SWP Supply
- SWP Supply varies from year to year
 - Average Deliveries 56% of Contract Amount
 - SWP Supply not reliable in dry years
 - SWP Supply can have high availability in average and wet years
- SLO County has contracted with in-county agencies for 10,537 AF of its SWP contract supplies
- SLO County SWP "Excess Allocation" of 14,463 AF
- SLO County Uncontracted SWP Average Net Supply 8,100 AF
- Physical capacity available in SWP Coastal Branch in nearly all years

Proposed 5-Year Pilot Program

- Purpose: Demonstrate ability to deliver SWP water to Paso Robles Subbasin for recharge
- Time Frame: 2025 Target
- Description:
 - Use treated SWP water from Coastal Branch
 - New Turnout and De-chlorination facility at Huer Huero Creek
 - Monitor groundwater level response and recharge losses
 - Pay for incremental SWP and CCWA costs
- Evaluate potential for other recharge or delivery locations



Relationship of Pilot Recharge Project to Ultimate Future Project



Proposed Pilot Project Facilities

- Pilot Capacity 1.1 cfs
- New Pipeline turnout and vault structure (expandable to 20 cfs)
- Dechlorination facility
- Pipeline and discharge structure
- Groundwater monitoring
 wells

Permitting

Some permitting actions required for SWP supply:

 CEQA analysis required for purchase of SWP supply from SLO County and construction of other facilities

- Potential Regional Water Quality Control Board water quality permitting needs
- Potential fisheries, wetlands and endangered species permitting needs; mainly for new facilities
- Other as determined
- Estimated costs approximately \$100,000

SWP Supply Project Sequencing

Target dates for Pilot and Long term programs

- 2024-2025 Planning, Permitting and Construction for Pilot Program
- 2025-2029 Operate Pilot Program (500 AF per year)
- 2024-2030 Planning, Permitting and Construction for Long Term Program
- 2030 Begin Phase 1 Program operation Treated Water
- 2030-2035 Develop Phase 2 Program, if Phase 1 demonstrates feasibility
- 2035 Begin Phase 2 Program operation Untreated Water, New Pipeline

Note: Untreated water would cost less and may increase total available recharge to Paso Robles Subbasin, but substantial capital investment would be required for new pipeline from Polonio Pass to Huer Huero Creek or other recharge locations

SWP Supply Project Costs Approximate Costs

Pilot Project Facilities	Cost
Permitting	\$104,000
Turnout (1.1 cfs, expandable to 20 cfs)	\$985,000
Dechlorination Facility (1.1 cfs)	\$325,000
Pipeline and Discharge (1.1 cfs)	\$187,000
Groundwater Monitoring Wells	<u>\$150,000</u>
Total Pilot Project Cost	\$1,750,000

Next Steps

- Review and refine approach within Paso Robles Subbasin
- Refine cost estimates for various options
- Legal opinions as necessary on regulatory actions
- Discuss with Paso Robles Subbasin GSAs and other Subbasin partners
- Coordinate proposed program with SLO County and the County State Water Contractors Advisory Committee on water management (i.e., trade dry year deliveries for more wet year supply; pilot program would not include direct irrigation deliveries and recharge could be cutback in dry years)

- Initiate discussions with SLO County
- Complete environmental permitting

Questions

PASO BASIN COOPERATIVE COMMITTEE February 7, 2024

Agenda Item #13 – Receive a Presentation on Satellite-Based Evapotranspiration (ET) Methodology for Agricultural Water Use Estimates

Recommendation

Direct GSA staff to use satellite-based evapotranspiration as the methodology for agricultural groundwater extraction reporting in the Paso Robles basin.

Prepared By

Jerry Reaugh, Estrella-El Pomar-Creston Water District Groundwater Sustainability Agency

Discussion

On July 26, 2023, the Paso Basin Cooperative Committee (PBCC) directed staff to research and report back on agricultural groundwater extraction reporting methodologies and on October 25, 2023, Estrella-El Pomar-Creston Water District Groundwater Sustainability Agency Director Jerry Reaugh provided a progress report on water use reporting methodologies and noted that using a satellite-based evapotranspiration approach was being considered as the front running methodology.

A more detailed presentation on using a satellite-based evapotranspiration approach is provided as Attachment 1 and staff recommends the PBCC move forward with the implementation of satellite-based evapotranspiration as the methodology for agricultural groundwater extraction reporting in the Paso Robles basin.

* * *

Foundation for Developing Basin Management

• Monitoring Groundwater Levels

• Monitoring Groundwater Use Who uses how much?

2023 Grand Jury Report asked PBCC to

"employ . . .
satellite data . . .
to determine GW utilization . . .
to the parcel level".

Today, Staff is asking PBCC Committee to move forward and authorize ET Monitoring of the Basin.

Methods of Determining GW Usage

• Metering and/or Utility Bills

• ET - Evapotranspiration

Issues with Metering

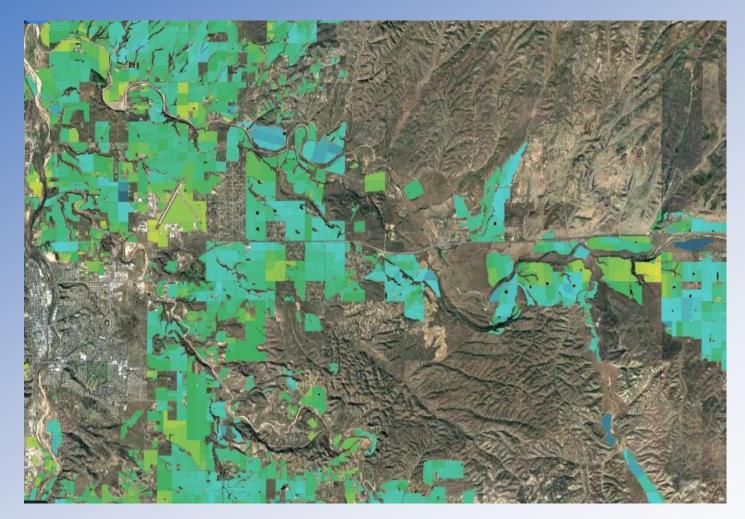
- Develop Basin Well Inventory
- Might require an Ordinance
- Opportunity for cheating
- Meters wear out
- Not all parcels have wells but irrigated
- Meters expensive for landowners:
 - Purchase and installation of meters
 - Training
 - Ongoing maintenance and calibration
 - Regular reporting of usage

- Meters provide no history
- 2-3 years to get results
- Expensive for PBCC, will need to staff for:
 - Reviewing and certify approved equipment
 - Developing policies and procedures
 - Database creation
 - Receiving, processing & maintenance data
 - Field inspections & certification
 - Analysis, trouble shooting, enforcement

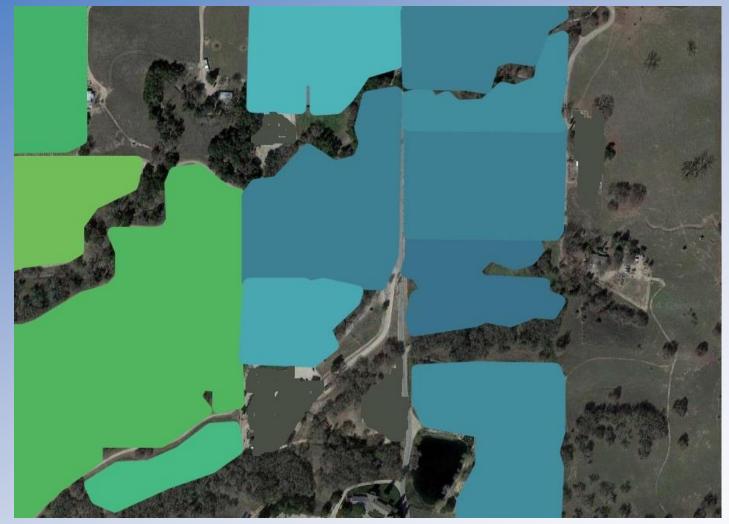
ET - Evapotranspiration

- Established Technology Decades of use
- Satellite measurements updated every 5-6 days
- Public data available for use and analysis
- Users can develop broad views or detailed images and data
- Field Boundary & Parcel level detail
- Determine Evapotranspiration

Basin View



Field View



Search for Solution

п		Qualif	tative-/	Attribute	esa			•¤ •¤ •¤ •¤ •¤ •¤ •¤ •¤ •¤ •¤ • • ¹ ¤ ¤ • ¹ ¤ ¤ ¤ ¹ ¤ ¤ ¤ ¹ ¤ ¤ ¤ ¹ •¤ •¤ •¤ • ¹ ¤ • ¹ ¤ ¤ ¤ ¤ ¤ ¤ ¤										
Item¤	Cost·(\$\$\$\$)¤	Tool-vsServicen	Transparent?-/·Open-Source?¶ (1-<-2-<-3)¤	General-Reputation¶ (consultant-perspective)¤	Public-Perception#	Data-Neutral-6?#	Land-Use/Crop-Type-by-Field¤	Up-to-Date-Land-Use#	ET-Ground-Truthing#	On-site-ET-Monitoring#	By-Field-Applied-Water- Demand¤	Online-Dashboard#	Monthly-Data-Updates#	By-Parcel-Allocation- Accounting#	Supports-Water-Market#	Invoicing-Water-Demand#	Basic-Stakeholder-Tools¤	Customization, including Advanced Stakeholder Tools¤
Land·IQ¤	\$\$\$¤	<u>SLV</u> ¤	2¤	High¤	High¤	n/a¤	۰¤	۰¤	۰¤	۰¤	۰¤	۰¤	۰¤	¤	¤	Ħ	¤	Ħ
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ITRC¤	?¤	<u>srv</u> ¤	1¤	Low¤	?¤	n/a¤	?¤	?¤	?¤	?¤	۰¤	?¤	?¤	¤	¤	¤	¤	¤
BasinSafe-³¶ (East-Tule-GSA-program)¤	?¤	SLVa	?¤	?¤	?¤	?¤	?¤	?¤	?¤	?¤	?¤	?¤	?¤	?¤	?¤	?¤	?¤	?¤
California·Water·Data·Consortium·4¶ GW·Accounting·&·Data·Reporting¤	\$?¤	either?¤	3¤	?¤	?¤	•¤	¤	¤	¤	¤	¤	۰¤	۰¤	۰¤	۰¤	¤	•¤	?¤
United-Tracking·Systems -⁵¶ GSA·Water·Dashboard¤	\$\$?¤	Srv¤	n/a¤	High¤	High¤	•¤	Ħ	Ħ	¤	¤	Ħ	۰¤	۰¤	۰¤	۰¤	۰¤	•¤	•¤

Land IQ

- Established track record throughout state
- Used by GSAs and Water Districts
- Core part of Land IQ's business
- Turnkey Service
- Up and running with 3-4 months, May/June
- Provide field/parcel level data reported monthly
- Ground Truthing with:
 - Custom weather stations
 - New precipitation network
 - Basin Visits

Again!

Asking the PBCC Committee to move forward and authorize ET Monitoring of the Basin and recommend Land IQ as sole source.

Joel Kimmelshue, PhD, CPSS

- Owner
- Principal Soil & Agricultural Scientist
- Sacramento Based

PASO BASIN COOPERATIVE COMMITTEE February 7, 2024

Agenda Item #15 – Review and Provide Direction on PBCC Budget Development Framework and Schedule

Recommendation

Feedback requested on the development of an annual PBCC budget.

Prepared By

Blaine Reely, County of San Luis Obispo Groundwater Sustainability Director

Discussion

The Paso Basin Cooperative Committee was formed on September 20, 2017, and formalized by the execution of the "Memorandum of Agreement Regarding Preparation of a Groundwater Sustainability Plan for the Paso Robles Groundwater Basin" (MOA) and subsequent Amendment No. 1 to the MOA on March 13, 2020.

Section 5.3 of the MOA is included below and requires the development of fiscal year budget and member contribution percentages for the relevant fiscal year by each member.

5.3 For Fiscal Year 2020 - 2021 and following, the Cooperative Committee shall develop a recommended budget and recommended contribution percentages for consideration by each Party. Subject to each Party's approval of the budget and its contribution percentage, each Party shall be responsible for funding a portion of said budgeted costs in accordance with the percentages approved by each Party. Neither the Cooperative Committee nor any Party on behalf of the Cooperative Committee shall make any financial expenditures or incur any financial obligations or liabilities pursuant to this MOA for Fiscal Year 2020 - 2021 and following prior to approval of the budget and contribution percentages for the relevant Fiscal Year by each Party.

On October 25, 2023, the PBCC provided consensus for staff to develop a budget framework for the PBCC which includes a draft budget and schedule. Those items are included as Attachment 1 and 2, respectively, and staff is seeking PBCC approval of the proposed schedule ahead of a final draft Fiscal Year 2024-2025 Budget for individual GSAs to approve following the March 27, 2024, PBCC meeting.

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PASO BASIN COORDINATION COMMITTEE

Draft FY 2024-2025 Expenses Budget

Budget Components	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Currently Funded by GSAs	Notes
Grant Funded Cost Components						
Grant Funded						
1 ET Ag Water Usage Program		\$ 120,000			Required by Grant	Comp 5, Task 2 = extraction reporting from gw pumping
2 Cost of Service Rate Study		\$ 150,000			Required by Grant	Comp 6, Task 3
3 Address High Priority GSP Data Gaps (Expanded Monitoring Network)		\$ 1,400,000			Required by Grant	Comp 4
4 MILR Program Framework		\$ 380,000			Required by Grant	Comp 5, Task 4
5 Well Verification/Registration Program		\$ 100,000			Required by Grant	Comp 5, Task 1
Drinking Well Impact Mitigation Program Development		\$ 200,000			Required by Grant	Comp 5, Task 3
7 Blended Irrigation Water Supply Program		\$ 300,000			Required by Grant	Comp 6, Task 1, approx 25% expended prior to FY 24/25
8 SWP Feasibility Project		\$ 200,000			Required by Grant	Comp 6, Task 2
9 City of Paso Robles Recycled Water Distribution System - Salinas River Segment	\$ 3,500,000				Required by Grant	Comp 2, to be expended priort to FY 24-25
0 San Miguel CSD Recycled Water Supply Project		\$ 1,000,000			Required by Grant	Comp 3
Grant Funded	Total \$ 3,500,000	\$ 3,850,000				

Budget Components	FY	23-24	FY 2	24-25	FY 25-26	F	FY 26-27	Currently Funded by GS	As	Notes
PBCC Funded Cost Components										
SGMA-Required										
11 Annual Report WY 2024	\$	95,000	\$ 1	.00,000	110,000	\$	121,000	√	Required by DWR	
12 GSP Fifth Year Evaluation			\$3	00,000				New item	Required by DWR	
13 ET Ag Water Usage Program				:	120,000	\$	120,000	New item		
14 Ongoing Basin Monitoring Operations & Maintenance			\$	75,000	82,500	\$	90,750	✓/ New item	Required by DWR	
GSP Initiatives										
15 Outreach Program (Continued efforts including new website)			\$ 1	.25,000	137,500	\$	151,250	✓/ New item	Recommended	
Administrative										
16 Develop Governance Structure (e.g. JPA, etc.)			\$	50,000		\$	-	New item	Discretionary	
17 Executive Director and Support Staff			\$ 1	.60,000	180,000	\$	200,000	New item	Discretionary	
18 Legal Counsel			\$	75,000	82,500	\$	90,750	New item	Discretionary	
19 PBCC Administrative Costs (Insurance, Audit, Accounting, etc.)			\$	75,000	82,500	\$	90,750	New item	Discretionary	Required if JPA formed
20 Grant Development (2 grants)			\$	75,000	82,500	\$	90,750	New item	Discretionary	
21 Technical Consultant(s) (as necessary)			\$ 1	.00,000	110,000	\$	121,000	New item	Discretionary	
TOT	AL\$	95,000	\$ 1,1	.35,000	\$ 987,500	\$	1,076,250			

	GSA Cost Sha	re	FY 23-24		FY 24-25		FY 25-26		Y 26-27	GSA Cost Share %	
а	County of San Luis Obispo G	SA \$	30,685	\$	366,605	\$	318,963	\$	347,629	32.3%	
b	Estrella-El Pomar-Creston Water District G	5A \$	27,835	\$	332,555	\$	289,338	\$	315,341	29.3%	
С	Shandon San Juan Water District G	5A \$	19,190	\$	229,270	\$	199,475	\$	217,403	20.2%	
d	City of Paso Robles G	SA \$	14,440	\$	172,520	\$	150,100	\$	163,590	15.2%	
е	San Miguel Community Services District G	SA \$	2,850	\$	34,050	\$	29,625	\$	32,288	3.0%	

DRAFT PBCC FY 24-25 Budget Development Schedule

