

Paso Basin Cooperative Committee
NOTICE OF SPECIAL MEETING
PUBLIC WORKSHOP

NOTICE IS HEREBY GIVEN that the Paso Basin Cooperative Committee will hold a *Special Meeting – Public Workshop* at **5:30 P.M.** on Monday, **May 14, 2018** at **Kermit King Elementary** (700 Schoolhouse Cir, Paso Robles, CA 93446).

NOTE: The Paso Basin Cooperative Committee 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 attend and participate in meetings.

John Hamon, Chairperson, City of Paso Robles
Reginald Cousineau, Member, Heritage Ranch CSD
Joe Parent, Member, San Miguel CSD
John Peschong, Vice Chairperson, County of SLO
Willy Cunha, Secretary, Shandon-San Juan WD

Steve Martin, Alternate, City of Paso Robles
Scott Duffield, Alternate, Heritage Ranch CSD
Kelly Dodds, Alternate, San Miguel CSD
Debbie Arnold, Alternate, County of SLO
Matt Turrentine, Alternate, Shandon-San Juan WD

Agenda
May 14, 2018

- 1. Call to Order**
- 2. Roll Call**
- 3. Pledge of Allegiance**
- 4. Public Comment – Items not on Agenda**
- 5. Receive and File Presentation on Projects and Programs for Groundwater Management**
- 6. Group Discussion on Projects and Programs for Groundwater Management**
 - a. Group Brainstorming on Attributes/Screening Criteria**
 - b. Small Rotating Group Discussions**
 - c. Large Group Debrief**
 - d. Presentation and Discussion Conclusions**
- 7. Upcoming Meetings**
- 8. Adjourn**

The Paso Basin Cooperative Committee invites basin users and interested community members to attend a series of Special Meeting - Public workshops on the development of a Groundwater Sustainability Plan (GSP) for the Paso Robles Groundwater Basin in accordance with the requirements of the Sustainable Groundwater Management Act (SGMA).

The workshops will provide an opportunity to learn more about the following topics and provide initial input on:

- **April 23, 2018** **Groundwater Sustainability Plan (GSP) development** for the Paso Basin
- **April 30, 2018** **Sustainable Groundwater Management Act (SGMA)** and the Paso Basin
- **May 14, 2018** **Projects and Programs** for Groundwater Management
- **May 21, 2018** **Further information** on the state of the Paso Basin

For more information and to view previous and upcoming meeting materials, please visit the Groundwater Sustainability Agency websites at:

- City of Paso Robles – www.prcity.com
- Heritage Ranch CSD – www.heritagerranchcsd.com
- San Miguel CSD – www.sanmiguelcsd.org
- County of San Luis Obispo – www.slocountywater.org
- Shandon-San Juan Water District – www.ssjwd.org

PASO ROBLES BASIN GSP DEVELOPMENT

Paso Robles Basin GSAs

City of Paso Robles
County of San Luis Obispo
Heritage Ranch CSD
San Miguel CSD
Shandon-San Juan Water District

MAY 14, 2018

Workshop #3 – PROJECTS AND MANAGEMENT ACTIONS



Important Information

- Upcoming meetings
 - May 21: Recap and Interested Parties Forum
- Communication and Engagement Survey
 - Due: May 18
- Communication and Engagement Plan Debut
 - June 2018
- Paso Groundwater Communication Portal (GCP)
 - Register as an Interested Party at www.pasogcp.com
 - View calendar, resource links, and announcements

Meeting Framework

- Consultant Team Presentation
- Group Brainstorming on Attributes/ Screening Criteria
- Small Rotating Group Discussions
 - Station 1. In-basin supply projects
 - Station 2. Out-of-Basin supply projects
 - Station 3. Trades, exchanges, and incentives
 - Station 4. Conservation measures
- Large Group Debrief
- Conclusions

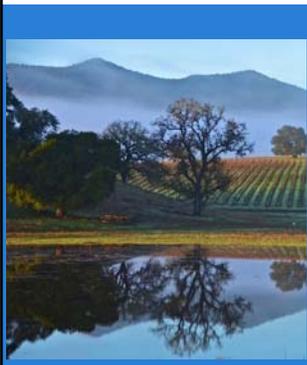
Meeting Objectives

- Identify project and action attributes
- Identify a menu of viable project and management action opportunities
- Identify any projects or management actions we DO NOT want to consider for the GSP process

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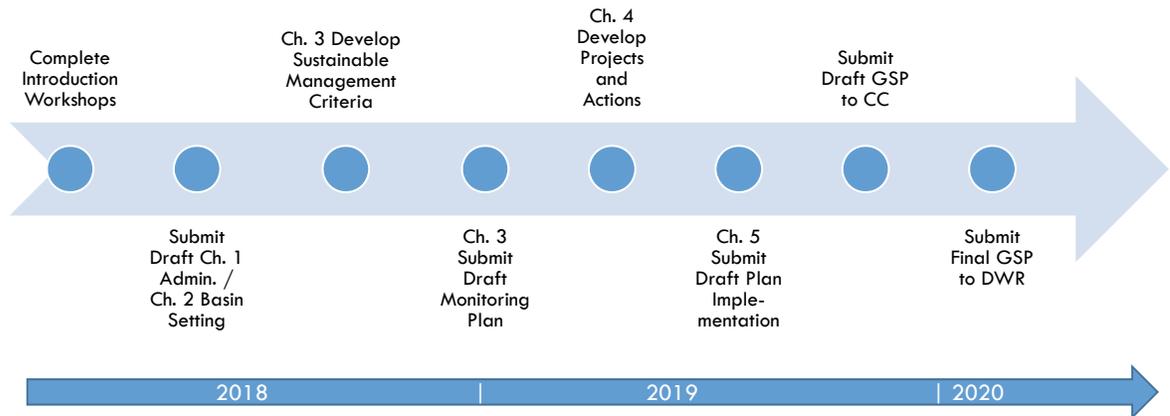
3

BACKGROUND AND PROGRESS UPDATE



4

GSP Timeline



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5

GSP Outline

- 1.0 Introduction
- 2.0 Plan Area and Basin Setting – Workshop 1
- 3.0 Sustainable Management Criteria – Workshop 2
- 4.0 Projects and Management Actions to Achieve Sustainability Goal**
- 5.0 Plan Implementation
- 6.0 References and Technical Studies

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6

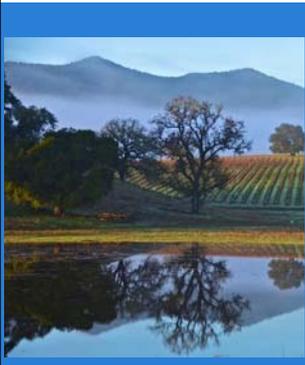
Meeting Objectives

- Identify a menu of viable project and management action opportunities
 - Regional perspective for benefit of basin
 - Local implementation
- Identify project and action attributes important to stakeholders
- Identify projects or actions that we do not want to consider in the GSP

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7

PROJECTS AND MANAGEMENT ACTIONS



8

Projects/Actions: SGMA and GSP Requirements

- Project/action description
- Measureable objective
- Circumstances for implementation
- Public noticing
- Permitting/regulatory process
- Time-table for initiation, completion, and benefits realization
- Expected benefits and their evaluation
- How the project/action will be accomplished
- Source water and reliability
- Legal authority
- Estimated costs
- Financing plan

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9

What are Projects and Management Actions?



Management Actions (largely non-structural, focused on conservation)

- Management decisions and tools
- Mandates vs Incentives
- Agreements



Projects (infrastructure - intended to increase supply)

- Infrastructure construction
- New supplies
- Exchange/movement of supplies



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10

Other Studies (ongoing since 2010)

Blue Ribbon Committee: Identified and ranked short and long term solutions:

- Management
- Conservation
- Supplemental (State, Nacimiento, and/or recycled water)

Supply Options Study: Considered combinations of State Water, Nacimiento Water, and Recycled Water development

USBR Salinas and Carmel River Basins Study:

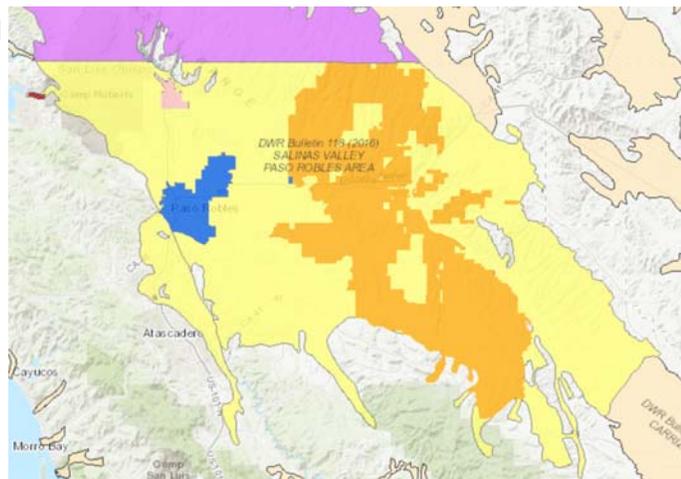
- Refine basin model
- Identify climate risks to supply and demands
- Identify portfolio of strategies to balance long term supplies/demands

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11

Supply Options Study – completed Dec 2016

- Considered State, Nacimiento, and Recycled Water
- A combination of delivery, recharge, and conservation in multiple sub-areas is needed
- Direct delivery has high infrastructure costs
- Recharge basins are important to be able to capture water during non-irrigation season

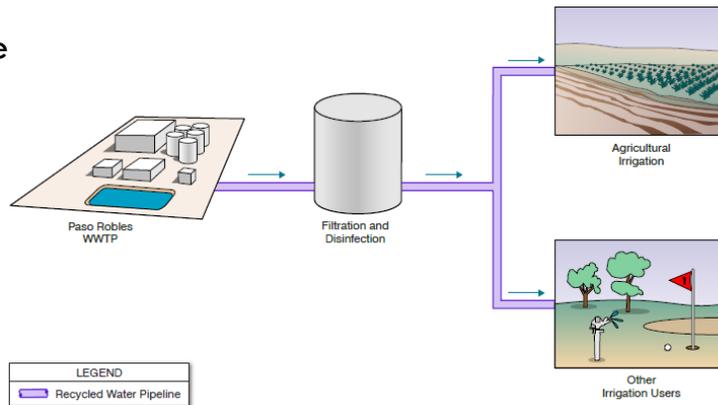


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12

Maximize use of recycled water (from City of Paso Robles) - approx. 4,000 AFY

- Direct deliveries to irrigation and agriculture
- Recharge basin in winter months
- Requires contract/negotiation with City

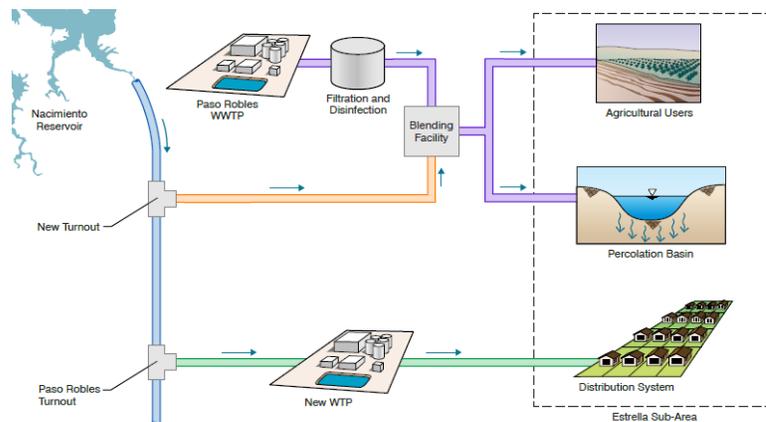


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13

Maximize use of any excess Nacimiento Water within basin (approx. 7000 AFY)

- Direct deliveries to water users
- Recharge in winter

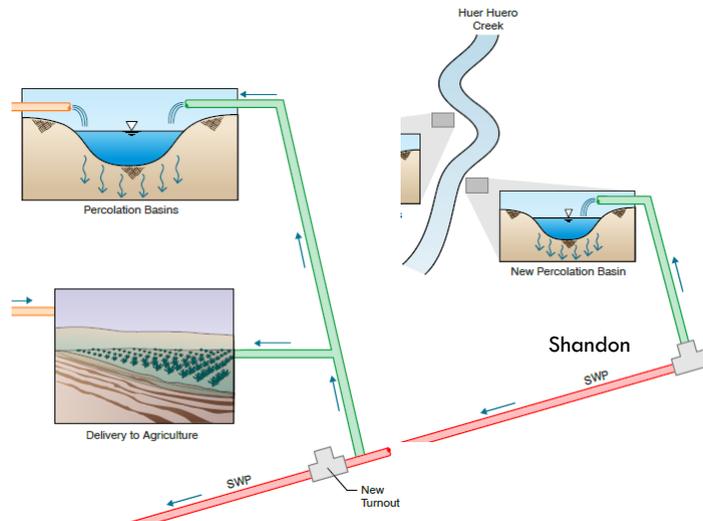


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14

Maximize use of unused State Water Project allocations - (approx. 9,000 AFY)

- Direct deliveries to Ag in Creston, and/or San Juan
- Recharge Along Huer Huero Creek and in Creston



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15



Potential Projects (all require infrastructure for deliveries or recharge)



In Basin Supply Enhancements



Greater Basin Supply Enhancements



Out of Basin Supplies

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16



Potential Projects
In Basin Supply Enhancements

- Winter water diversions/recharge
 - Off Salinas river
 - Local Creeks
- New dams?
- Stormwater capture and recharge



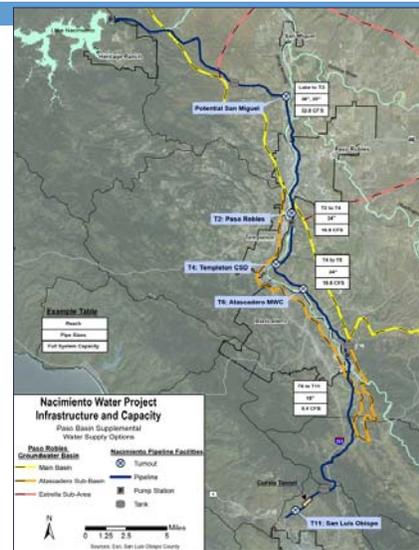
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17



Potential Projects
Greater Basin Supply Enhancements

- Raise Salinas Dam for more storage
- Maximize use of Nacimiento water
- Negotiate additional Nacimiento water from Monterey County (increase delivery capacity)?



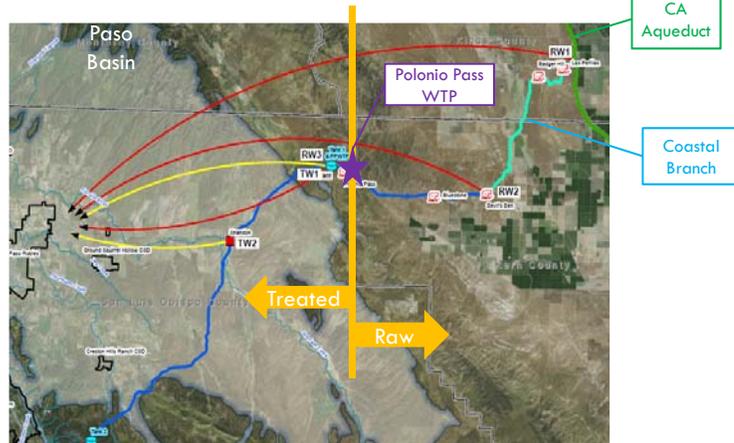
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18



Potential Projects Out of Basin Supplies

- SWP direct use
- Trades/exchanges with other SWP users:
 - Develop RW – Pismo, Morro Bay, others
 - Ocean Desalination
- Trades Exchanges with other Out of Basin entities



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19



Potential Management Actions



Agricultural management actions



Urban management actions



Management actions addressing all uses

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20



Potential Management Actions Agricultural

- Land purchase/retirement
- Voluntary fallowing
- Partial season irrigation
- Deficit irrigation
- Irrigation efficiency
- Crop Conversion



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21



Potential Management Actions Urban

- Urban conservation (indoor/outdoor)
- State Mandated conservation
- Conservation easements



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22



Potential Management Actions All Users

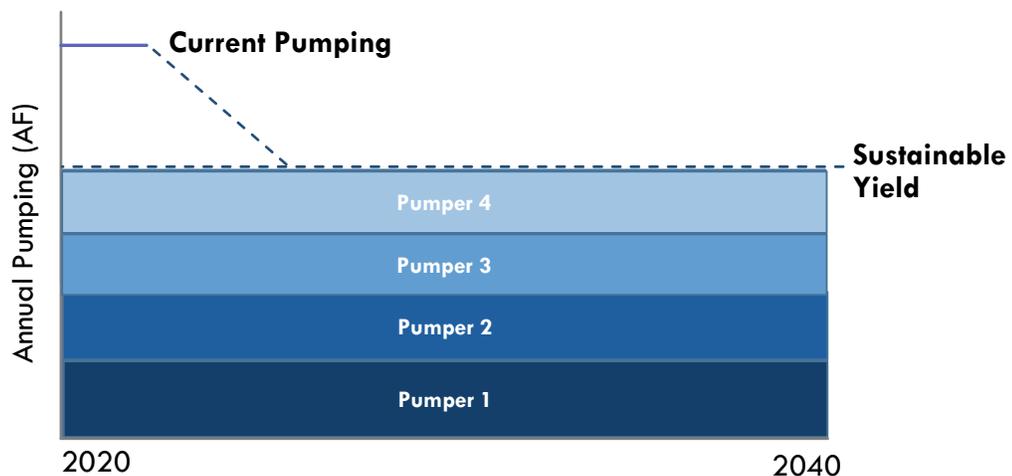
- Individual transferable quotas
- Conservation credits
- Quota/credit buyback
- Incentives for replenishment
- Water export limitations
- Metering/monitoring
- Withdrawal fees



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23

Potential Management Actions Individual Transferable Quotas



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24

Conservation Credits

Conservation Credits: Potential feature of quotas.

- Unused quota may be carried over for use in future years.
- Credits are tradable.

Benefits:

- Incentivizes conservation.
- Incentivizes in-lieu recharge.
- Provides pumpers flexibility to increase/decrease production based on hydrologic conditions and changing water needs.
- Over the long-term, average annual pumping equals sustainable yield.

BRAINSTORMING ATTRIBUTES



26

Potential Attributes/Screening Criteria

- Yield/Basin benefit in AFY
 - Reliability year to year
 - Quality Concerns
- Ability to benefit measurable objective(s)
- Implementation timeline
- Costs – capital and O&M (\$/AFY)
- Institutional/technical issues
 - Legal authority
 - Regulatory/permitting
 - Water rights
 - Contractual
- Environmental impacts
- Regional/third-party economic impacts

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27

SMALL GROUPS BREAKOUT

For Project/Actions Brainstorming



28

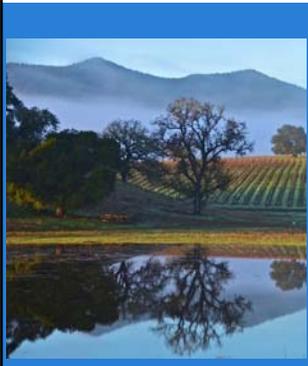
LARGE GROUP DISCUSSION

Report Back from Breakout Sessions



29

CONCLUSION



QUESTIONS

