



PAJARO VALLEY WATER MANAGEMENT AGENCY

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**AD HOC SUSTAINABLE GROUNDWATER PLANNING ADVISORY
COMMITTEE MEETING SUMMARY**

Tuesday, December 15, 2020, 2:00-4:00 p.m.

Committee Members	
Present	Not Present
Kirk Schmidt, Chair	Javier Zamora, Director
Bob Culbertson, Director, Vice Chair	Mary Bannister, Director, <i>Alternate</i>
Amy Newell, Director	Gary Vincelet
John Ricker	Jonathan Pilch
Tom Broz, Director, <i>Alternate</i>	
Robert Rodoni	
Beau Kayser	
Sandy Coplin	
Robert Johnson	
Mayra Hernandez, <i>Alternate</i>	
Sandra Hoppe	
Christi Suchil	
Tannis Thorlakson	
Kyle Monper, <i>Alternate</i>	
Sierra Ryan, <i>Alternate</i>	
Staff & Other Attendees	
Brian Lockwood, General Manager (GM)	Cameron Tana, Montgomery & Associates
Casey Meusel, Associate Hydrologist (AH)	Ellen Cross, Strategy Driver Inc.
Marcus Mendiola, Water Conservation and Outreach Specialist (WCOS)	Marisa Earl, USGS
Amanda Peisch-Derby, Department of Water Resources	Justin Brandt, USGS
Ryan Smith, City of Watsonville	Wes Henson, USGS
Erin McCarthy, Resource Conservation District of Santa Cruz County	Michelle Sneed, USGS
Marla Anderson, Pajaro Valley Resident	John Erickson, Community Water Center
Michelaina Johnson, Graduate Student, University of California at Santa Cruz	

- **INTRODUCTIONS**

Meeting called to order at 2:03 p.m. Chair Schmidt, and Vice Chair Culbertson, and meeting facilitator Ms. Cross welcomed attendees. Roll call of committee members followed (attendance presented in table above), along with a review of the Committee schedule, and the current meeting's objectives and guidelines.

- **Comments for Items Not on Agenda**

Two individual comments were received and discussed. The discussion included PV Water's obligations under SGMA and water quality issues.

- **MANAGEMENT/GOVERNANCE**

- **Consider Corrections of GSU22 November 4th Meeting Summary**

The Committee requested staff change "Absent" to "Not Present" when referring to members who did not attend a meeting.

- **Receive Report on PV Water Board Meeting**

GM Lockwood provided a brief report on the November 18, 2020 [Board of Directors meeting and the December 4, 2020 special meeting](#).

- **Consider GSU22 Committee Member Alternates**

Ms. Thorlaxson proposed Kyle Monper serve as Alternate for the Agricultural Representative. Mr. Ricker proposed Sierra Ryan serve as Alternate for the Santa Cruz County Representative.

Action: Mr. Ricker moved that Kyle Monper serve as Alternate for the Agricultural Representative and Sierra Ryan serve as Alternate for the Santa Cruz County Representative; Director Newell seconded the motion.

The motion carried following roll call vote:

Ayes: 12

Noes: 0

Abstain: 0

- **Reiterate GSU22 Roles & Responsibilities for complying with SGMA requirements**

Ms. Cross summarized the GSU22 roles of the Committee, Board, and project team, and the key SGMA requirements that will be addressed in the GSU22 effort.

- **GSU22 DEVELOPMENT**

- **Review Sustainable Management Criteria (SMC)**

Mr. Tana reviewed the concept of SMC. In response a comment received regarding the GSU22 scope, Mr. Tana stated that DWR's staff report, which accompanied the approval of PV Water's GSP-Alternative, included recommendations to develop SMC for the GSU22.

- **Update on Groundwater Levels (GWLs) SMC**

Mr. Tana reviewed and responded to comments received on the draft GWL SMC memo. He presented an updated significant and unreasonable conditions statement.

- Roundtable discussion ensued on the following topics: the Basin Management Plan Update timing and SGMA history; SGMA's requirement that GSP-Alternatives are evaluated and updated every 5-years; DWR's authority to "disapprove" a plan should it determine insufficient progress toward sustainability goals; seawater levels related to GWLs; the definition of depth to water compared to water surface elevations; and significant and unreasonable conditions connecting GWLs to GDEs.
- **Receive Preliminary Subsidence Analysis**
Justin Brandt, Geophysicist, USGS, California Water Science Center, [presented the preliminary results](#) of an evaluation of land subsidence in Pajaro Valley Basin between 2015 and 2018. Mr. Brandt concluded that preliminary results indicate no significant subsidence occurred during the period of study. The full presentation is available on the Committee webpage: <https://www.pvwater.org/sustainable-gw-committee>.
- **Review and Provide Feedback on Undesirable Results of Chloride Concentrations to use for Seawater Intrusion SMC**
Mr. Tana introduced the seawater intrusion SMC and detailed the approaches being considered / used by adjacent Groundwater Sustainability Agencies (GSA) to define undesirable results. Mr. Tana presented for the Committee's consideration three potential options for chloride concentration SMC.
 - Roundtable discussion ensued on the following topics: isocontours not encapsulating horizontal and vertical movement of seawater; the need for additional monitoring wells are to improve our understanding of the inland migration of seawater; crop types and chloride sensitivity; the relation, if any, between seawater intrusion and groundwater depended ecosystems (a topic to be addressed at January GSU22 Committee meeting); and a request that that rural and small water systems, and well water quality where available, be included on maps presented.
- **COMMUNICATION & ENGAGEMENT**
 - **Postponed**
Presentation and discussion postponed to the January 14, 2021 Committee meeting.
- **NEXT STEPS**
 - **Next GSU22 Committee Meeting is scheduled for January 14, 2021**
 - **Future Agenda Items Include:**
Communication & Engagement activities to date; Introduction to and presentation of technical findings of Groundwater Dependent Ecosystems; Introduction to and presentation of evaluation of Interconnected Surface Water within the Basin; and Seawater Intrusion SMC revisited.
- **Meeting Adjourned at 4:15 p.m.**