

# Virtual Meeting Protocol

1. Please note that the meeting is being recorded
2. Mute your phone and don't put it on hold
3. For each agenda item, after the staff report the facilitator will ask for comments from Advisory Committee members
4. Please use the "chat" function and the "raise" hand function to ask questions and for clarification
5. The facilitator will ask for public comments after the staff report

11/9/2021



## SONOMA VALLEY GROUNDWATER SUSTAINABILITY AGENCY

### Advisory Committee Meeting November 9, 2021

<https://scwa-ca.gov.zoom.us/j/92162795993?pwd=L245c0lDd1dQZ01STXMzQmdzTDBpQT09>

Meeting ID: 921 6279 5993

Passcode: 075557

(888)788-0099

# Call to order, public comments & agenda review

Time	Agenda Item	Materials
3:00	Welcome and Call to Order – Roll Call and Introductions <i>Tim Parker, Advisory Committee Meeting Facilitator</i> <i>Fred Allebach, Chair</i> <i>Supervisor Susan Gorin, Sonoma Valley GSA Board Chair</i>	N/A
3:10	General Public Comments	N/A
3:15	Agenda Review, Action Item Review, Approval of Meeting Summary <i>Tim Parker, Advisory Committee Facilitator</i>	Agenda, September meeting summary
3:20	Draft GSP Review and Discussion of Comments <ul style="list-style-type: none"><li>• Overview of comment matrix</li><li>• Discussion of comments received</li><li>• Discussion of substantive comments</li></ul> <i>Ann DuBay, Administrator; Marcus Trotta, Technical Staff</i>	

# Agenda review, continued

<b>4:20</b>	Advisory Committee Future Roles, Responsibilities, Next Steps <ul style="list-style-type: none"><li>▪ Advisory Committee role</li><li>▪ Possible tasks</li><li>▪ Discussion</li></ul> <i>Tim Parker, facilitator</i>	Presentation, post-GSP AC role, draft 2022 meeting calendar
<b>5:00</b>	Updates <ul style="list-style-type: none"><li>▪ Public outreach progress</li><li>▪ Multi-level monitoring well update</li><li>▪ GSP public process update</li></ul> <i>Ann DuBay, Administrator; Andrea Rodriguez, Outreach Staff; Mitch Buttress, Marcus Trotta, Technical Staff</i>	
<b>5:20</b>	Review Meeting Actions Items, Closing Comments <i>Tim Parker, Facilitator; Fred Allebach, Chair</i>	

# 2021 Meeting Calendar

# Review Action Items and Approval of September Meeting Summary



SONOMA VALLEY  
**GROUNDWATER**  
SUSTAINABILITY AGENCY

---

GSP Comments Received

# GSP Organization

## Overview

SECTION	TOPIC
Front Matter	Table of Contents, Acronyms, Abbreviations, Glossary, Acknowledgements
Executive Summary	Summarizes GSP
Section 1	Introduction
Section 2	Plan Area
Section 3	Basin Setting, Hydrogeological Conceptual Model & Water Budget
Section 4	Sustainable Management Criteria
Section 5	Monitoring Plan
Section 6	Projects & Management Actions
Section 7	Implementation Plan
Section 8	Appendices

# GSP Comments Received

Comments are collated and organized by section

All are being read and considered

SECTION	NUMBER OF COMMENTERS	TYPES OF COMMENTS
Exec Summary	0	
1	1	<ul style="list-style-type: none"> <li>• Provide more information on stakeholder engagement (DACs, tribal, environmental)</li> </ul>
2	1	<ul style="list-style-type: none"> <li>• Add DACs and tribes to maps</li> <li>• Show domestic well density, locations and depths</li> </ul>
3	4	<ul style="list-style-type: none"> <li>• Climate scenario and wet/dry years</li> <li>• Description of interconnected surface water</li> <li>• Add contour map on depth to groundwater for ISW</li> <li>• Provide more complete description of GDEs</li> <li>• Use 80-foot depth to groundwater threshold if Valley oaks exist in subbasin</li> <li>• Map managed wetlands in subbasin</li> <li>• Evaluate future surface water supply</li> </ul>



# GSP Comments Received

Comments are collated and organized by section

All are being read and considered

SECTION	NUMBER OF COMMENTERS	TYPES OF COMMENTS
4	4	<ul style="list-style-type: none"> <li>• Time period used to determine groundwater level MTs; baseline conditions</li> <li>• 40% threshold for RMP wells during droughts</li> <li>• Impact of GWLs SMC on native plants</li> <li>• Describe impacts on domestic wells users, tribes and DACs</li> <li>• Ensure SMCs align with drinking water standards</li> <li>• When defining undesirable results for GWLs provide specifics on biological responses</li> <li>• When defining undesirable results include description on instream provide description on instream habitat</li> <li>• Identify monitoring metrics for GDEs that will enable the GSA to characterize GDE vulnerability to groundwater depletion and URs</li> <li>• Describe how MTs for ISWs prevent URs, and how effects beneficial users/uses of groundwater and fish/wildlife</li> <li>• More information on future data collections</li> </ul>

# GSP Comments Received – Section 7

Comments are collated and organized by section

All are being read and considered

SECTION	NUMBER OF COMMENTERS	TYPES OF COMMENTS
5	2	<ul style="list-style-type: none"> <li>• Show DACs on water quality RMP maps and identify data gaps</li> <li>• Overlay RMPs with DACs, domestic wells, GDEs and ISWs</li> <li>• Increase number of RMPs for water quality and in shallow aquifer</li> <li>• Expand RMP for ISW IN some tributaries to Sonoma Creek</li> </ul>
6	4	<ul style="list-style-type: none"> <li>• Too much emphasis on projects versus demand reduction</li> <li>• Develop accounting for and permitting of water hauling for food farmers</li> <li>• Expedite implementation of policy options, including enacting mandatory water conservation; well permits must have zero net use</li> <li>• Include CAFF in implementation planning</li> <li>• Implement managed aquifer recharge and floodplain inundation projects</li> <li>• Include drinking water well impact mitigation program for DACs and domestic well users</li> <li>• Develop multibenefit projects</li> </ul>

# GSP Comments Received

Comments are collated and organized by section

All are being read and considered

SECTION	NUMBER OF COMMENTERS	TYPES OF COMMENTS
7	3	<ul style="list-style-type: none"><li>• Prioritize implementation of all policy options</li><li>• Provide clear mandates and guidelines on well permitting</li><li>• Include concrete triggers and timelines for PMA implementation, including pumping restrictions</li><li>• Consider credit-based incentives for multi-benefit actions during fee study</li><li>• Include CAFF in implementation discussions</li></ul>

# Primary Changes and Edits in Progress: Introduction

## Comments resulting in edits

- Provide more information on stakeholder engagement (DACs, tribal, environmental)
  - *Adding language to Section 1.4, regarding outreach to specific stakeholders noted within the comments and representation/involvement in GSP process*

# Primary Changes and Edits in Progress: Plan Area

## Comments resulting in edits

- **Add DACs and tribes to maps**
- **Show domestic well density, locations and depths**

## Primary Plan Area Changes/Edits

- *Language added regarding estimated number of domestic wells and added map with distribution of known well depths. Current information is inadequate to sufficiently display distribution by well type.*
- *Additional information and mapping of disadvantaged communities (DACs) and tribes, including modification of Figure 2-3 modified to show DACs and tribal lands in trust.*

# Primary Changes and Edits in Progress: Basin Setting

## Comments resulting in edits

- **Climate scenario and wet/dry years**
- **Description of interconnected surface water**
- **Add contour map on depth to groundwater for ISW**
- **Provide more complete description of GDEs**
- **Map managed wetlands in subbasin**

## Primary Basin Setting Changes/Edits

- *Additional information on evaluation and selection of climate scenario*
- *Adding information and clarity on methodology for mapping interconnected surface water (ISW), including appendix with workgroup summaries and presentation materials*
- *Adding information and clarity on methodology for mapping groundwater-dependent ecosystems (GDE), including appendix with workgroup summaries and presentation materials*
- *Adding description and information of known managed wetlands within the Subbasin*
- *Adding regional geologic map*

# Other Comments: Basin Setting

**Comments resulting in response (comment noted, comment addressed elsewhere in document, will be addressed during implementation, etc.**

- Use 80-foot depth to groundwater threshold if Valley oaks exist in subbasin
- Evaluate future surface water supply

# Primary Changes and Edits in Progress: SMC

## Comments resulting in edits

- Impact of GWLs SMC on native plants
  - *Adding information on protection to native vegetation for GWL and ISW SMC*
- More information on future data collections
  - *Adding detail on future data collection specific to ISW depletion*
- Describe impacts to public trust resources
  - *Adding information on consideration of public trust resources*

## Other corrections/updates

- Additional description and diagrams of “well impact factor” and “drought factor” applied to GWL SMC
- Added appendix for determination of future drought years
- Correcting inconsistency in date ranges cited for water quality SMC baseline



# Other Comments: SMC

**Comments resulting in response only (comment noted, comment addressed elsewhere in document, will be addressed during implementation, etc.)**

- Time period used to determine groundwater level MTs; baseline conditions
- 40% threshold for ISW RMP wells during droughts
- Describe impacts on domestic wells users, tribes and DACs
- Ensure SMCs align with drinking water standards
- When defining undesirable results for GWLs provide specifics on biological responses
- When defining undesirable results include description of instream habitat
- Describe how MTs for ISWs prevent URs, and how effects beneficial users/uses of groundwater and fish/wildlife
- Identify monitoring metrics for GDEs that will enable the GSA to characterize GDE vulnerability to groundwater depletion and URs

# Comments: Monitoring Networks

**Comments resulting in response only (comment noted, comment addressed elsewhere in document, will be addressed during implementation, etc.)**

- Show DACs on water quality RMP maps and identify data gaps
- Overlay RMPs with DACs, domestic wells, GDEs and ISWs
- Increase number of RMPs for water quality and in shallow aquifer
- Don't delay expansion of RMPs for ISW
- Coordinate with regulatory agencies to ensure good water quality data

# Primary Changes and Edits in Progress: Projects and Management Actions

## Comments resulting in edits

- For DACs and domestic well owners, include a drinking water well impact mitigation program to proactively monitor and protect drinking water wells
  - *Clarifying that policy options could include future well impact mitigation program, as necessary*
- Discuss how PMAs affect water quality for domestic well users
  - *Adding clarification that PMAs with potential to affect water quality will include project-specific monitoring programs*
- Consider managed aquifer recharge and flood plain inundation
  - *Clarifying that flood plain inundation projects would be considered as part of Stormwater Capture and Recharge projects.*

## Other corrections/updates

- Additional description of planned evaluation for assessing conditions for implementation of PMAs
- Additional description of evaluation of benefits from voluntary measures

# Primary Changes and Edits in Progress: Projects and Management Actions

Comments resulting in response only (comment noted, comment addressed elsewhere in document, will be addressed during implementation, etc.)

## Projects

- Focus more on conservation and less on projects
- Implement multi-benefit projects

## Management Actions

- Develop management actions that incorporate climate and water delivery uncertainties
- Develop accounting for and permitting of water hauling for food farmers
- Expedite implementation of policy options, including enacting mandatory water conservation; well permits must have zero net use
- Include CAFF in implementation planning

# Primary Changes and Edits in Progress: Implementation Plan

## Comments resulting in edits

- Incentivizing land-owner recharge projects
- Consider credit-based incentives for multi-benefit actions during fee study
- *Clarifying that credit-based incentives will be considered during fee study development*

## Primary SMC Section Changes/Edits in response to comments

### Other corrections/updates

- Additional description of coordination with land use agency and annual data evaluation to include tracking and reporting of land use changes and number of new well permits and agricultural permits
- Describe planned evaluation of options for groundwater extraction reporting methodologies
- Additional detail on coordination processes with other agencies and entities (eg, land use agencies and regulatory agencies)
- Additional detail on planned voluntary groundwater-level monitoring program
- Include completion of public data portal

# Other Comments: Implementation Plan

Comments resulting in response only (comment noted, comment addressed elsewhere in document, will be addressed during implementation, etc.)

- Questions regarding future fees
- Prioritize implementation of all policy options
- Include concrete triggers and timelines for PMA implementation, including pumping restrictions
- Suggested cost-benefit analysis

# Post-GSP Advisory Committee

---

TASK	TECHNICAL INPUT NEEDED?	STAKEHOLDER INPUT NEEDED?	TIMING
Fee study		X	Jan-June, 2022
Policy Options -- Study	X	X	2022-2023
Policy Option -- Implement		X	2023-2026
Data gaps: Refinement of monitoring networks	X	X	2022-2026
Water-Use Efficiency/Alternate Water Sources Project: Assessment of tools	X	X	2022
Water-Use Efficiency/Alternate Water Sources Project: Implementation		X	2023-2025
ASR feasibility study update		X	2022-2024
ASR investigations and pilot		X	2023-2026
ASR project implementation		X	2026
Stormwater Capture/Recharge- Site investigations		X	2022-2024
Stormwater Capture/Recharge- Pilot		X	2023-2025
Annual Reports	X	X	2022-2026
5-year evaluation & Model Updates	X	X	2025-2026
Tracking water use?			



TASK	INFORMATION SHARING AND UPDATES	TIMING
SVCSD Recycled Water Projects		2022-2026
ASR – VOMWD/City of Sonoma		2022-2025
Farm Plan Coordination		2022-23
Other?		

Board Dates & Topics	Advisory Committee Dates & Topics
<p><b>January 24 (if needed)</b></p> <ul style="list-style-type: none"> <li>● Final GSP (placeholder, in case there are any filing issues; needs)</li> </ul>	<p><b>January 11</b></p> <ul style="list-style-type: none"> <li>● GSP Implementation: Discussion of policy options</li> <li>● Rate/Fee study options</li> </ul>
<p><b>February 28</b></p> <ul style="list-style-type: none"> <li>● Fee Options</li> <li>● 2022-23 Draft Budget</li> </ul>	
<p><b>March 28</b></p> <ul style="list-style-type: none"> <li>● Fee options</li> <li>● FY 2022-23 Budget</li> <li>● Draft GSP Annual Report</li> </ul>	<p><b>March 8</b></p> <ul style="list-style-type: none"> <li>● Draft GSP Annual Report</li> <li>● Fee update</li> <li>● Policy Options</li> </ul>
<p><b>April 25</b></p> <ul style="list-style-type: none"> <li>• Draft fee report</li> <li>• Policy Options</li> </ul>	
<p><b>May 23 (if needed)</b></p> <ul style="list-style-type: none"> <li>● Final fee report</li> </ul>	<p><b>May 10</b></p> <ul style="list-style-type: none"> <li>● Fee update</li> <li>● Policy options</li> </ul>
<p><b>June 27</b></p> <ul style="list-style-type: none"> <li>• Final fee report</li> <li>• Fee adoption</li> </ul>	

	<p><b>July 12</b></p> <ul style="list-style-type: none"> <li>• GSP implementation/policy options</li> </ul>
<p><b>August 22</b></p> <ul style="list-style-type: none"> <li>• GSP Implementation/policy options</li> <li>• Fee</li> </ul>	
	<p><b>September 13</b></p> <ul style="list-style-type: none"> <li>• GSP implementation/policy options</li> </ul>
<p><b>October 24</b></p> <ul style="list-style-type: none"> <li>• GSP implementation/policy options</li> </ul>	
<p><b>November 28 (if needed)</b></p>	<p><b>November 8</b></p> <p>GSP implementation/policy options</p>
<p><b>Community Meetings</b></p>	
<ul style="list-style-type: none"> <li>• Stakeholder Meetings on Fee, March-April, Dates TBD</li> <li>• Community Meetings on Fee, April-May, Dates TBD</li> <li>• GSP Implementation Update, Fall, Date TBD</li> </ul>	

# Discussion?

---

# UPDATES

## Recent and Upcoming Board Meetings

### **December 6 Board Meeting & Public Hearing**

- Review final GSP
- Review comments and how addressed
- Public comments
- Possible adoption

# Advisory Committee Update: Multi-Level Monitoring Wells



# Public Outreach Progress

- Staff gave GSP presentations at SVCAC, VOMWD Board and Sonoma Council meetings
- Presentation to Sonoma Water/County Board of Supervisors on November 16
- 40-45 people attended GSP community meeting
- AEM survey, still slated for this week (weather dependent)

# Review Action Items and Closing Comments

- Next Advisory Committee Meeting:  
January 11