

South American Subbasin Groundwater Sustainability Plan Development

DECISIONS MADE FOR THE GSP

Summary of Input received from GSPWG

SASb GSPWG:

County of Sacramento

Northern Delta

Omochumne-Hartnell Water
District

Sacramento Central Groundwater
Authority

Sloughouse RCD

October 15, 2021



What we need to discuss with GSPWG

1. Sustainability Goal: qualitative description [input received]

2. Undesirable results for each indicator

- GW Levels → examples: Protection of Domestic Wells, 2015 versus aspirational [input received]
- Storage [input received]
- Surface Water Depletion → Protection of GDEs, Protection of Interconnected surface Waters [input received]
- Water Quality → Constituents - SMC, monitoring only [input received]
- Subsidence [input received]
- Seawater Intrusion [input received]

SMC for each Indicator

3. Sustainable Management Criteria (minimum thresholds, measurable objectives, interim milestones)

- GW Levels [input received]
- Storage [input received]
- Surface Water Depletion [input received]
- Water Quality [input received]
- Subsidence [input received]
- Sustainable yield [input received]

Monitoring Networks, Baseline Assumptions and PMAs

4. Monitoring Networks

- GW Levels [input received]
- ISW [input received]
- Water Quality [input received]
- GDEs (not a sustainability indicator, but a beneficial user of groundwater) [input received]

5. Baseline Assumptions [input received]

6. Projects and Management Actions

- Planned/potential actions
 - Recycled Water Use/Recharge [input received]
 - Regional Conjunctive Use [input received]
 - Groundwater Banking/Accounting/Transfers [input received]
 - Management Actions [input received]
- Model Scenarios – to assess effectiveness of PMAs – Including Climate Change assumptions [input received]

Agreements and Implementation

7. Inter-basin Coordination (data sharing, communications, do no harm, ...)

Cosumnes, Yolo, Solano, NASb

Areas of coordination/info sharing: SMC, Stream depletion estimates, GDE identification, Monitoring, Interconnected surface water, Groundwater flows at boundaries, and Coordination letters [**discussions in progress**]

8. GSP Implementation

Governance Structure/Fee structure [**input received**]

Management Actions [**input received**]

Estimated Costs/Budget [**input received**]

Discussion - Questions?

Thank you!



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STATUS OF PRODUCTION OF FINAL GSP

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Next Steps



FINAL GSP – PRODUCTION STATUS

- Modifications to Draft GSP
- Response to Comments Matrix
- Communication and Engagement Activities Summary
- Inter-basin Coordination letter(s)
- CoSANA Model documentation

Final GSP by October 31

GSA Board Meetings – Seeking GSP Approval

- SCGA – December 8
- OHWD – November 16
- Sacramento County – December 14
- Sloughouse RCD – December 8
- Northern Delta – December ??

Inter-Basin Coordination

- Content of coordination letters
- One letter versus four letters
- Questions/Comments/Guidance

Discussion - Questions?

Thank you!

