

*South American Subbasin Groundwater Sustainability Plan Development*

# DECISIONS TO BE MADE FOR THE GSP

**SASb GSPWG:**

County of Sacramento

Northern Delta

Omochumne-Hartnell Water  
District

Sacramento Central Groundwater  
Authority

Sloughouse RCD

**March 19, 2021**

## Update for GSPWG



# 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 other options [discussion in progress]
- Storage [discussion in progress]
- Surface Water Depletion → Protection of GDEs, Protection of Interconnected surface Waters [discussion in progress]
- 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 [**discussion in progress**]
- Storage [**discussion in progress**]
- Surface Water Depletion [**discussion in progress**]
- Water Quality [**input received**]
- Subsidence [**input received**]

# Monitoring Networks, Baseline Assumptions and PMAs

## 4. Monitoring Networks

- GW Levels [input received]
- ISW/GDEs [input received]
- Water Quality [input received]

## 5. Baseline Assumptions [input received]

## 6. Projects and Management Actions

- Options for GSP
  - Groundwater Substitution Transfers [discussion in progress]
  - Recharge [discussion in progress]
  - Groundwater Banking/Accounting
  - Conjunctive Use [discussion in progress]
  - Demand Reduction [input received]
- Model Scenarios – to assess effectiveness of PMAs [discussion in progress]

# Agreements and Implementation

## 7. Inter-basin Agreements (data sharing, communications, do no harm, ...) [[discussion in progress](#)]

Cosumnes, Yolo, Solano, NASb – possible agreements

Potential areas of coordination – SMC, Stream depletion estimates, GDE identification

## 8. GSP Implementation [[discussion in progress](#)]

Governance Structure

Costs/Budget/Fee Structure

# Discussion - Questions?

Thank you!

