



**SOUTH FORK KINGS**  
GROUNDWATER SUSTAINABILITY AGENCY

# GSP Implementation Budget Discussion

Grower Advisory Committee – June 26, 2025

# GSP IMPLEMENTATION IS NOT COVERED BY OUR EXISTING PROP 218 BUDGET

- Well Mitigation Program
- Data Gaps
  - New Monitoring Wells
  - Additional Subsidence Benchmarks
  - Infrastructure Monitoring
  - Agreements – City, Caltrans, LNAS, Canal Companies
- Water Quality
- Water Accounting
- Projects
  - CEQA for ASR
  - Fallowing Program
  - Recharge Basins
  - City efforts for usage Reductions

# Well Mitigation Program

41 domestic wells projected to be dry at Minimum Thresholds  
Assume this happens over a 3 year drought period

14 dry wells per year

\$ 5,000 - Investigation into Dry Well – to determine if GSA is responsible + Admin

\$10,000 - Temporary Water Tank + pump install + Water Deliveries + Bottled Water

\$45,000 - Cost of Replacement Well - Electrical, Plumbing, Drilling, Pump, Permit, Etc.

\$60,000 – Total Cost of Well Replacement

**14 Wells x \$60,000 = \$840,000 per year**

## Data Gaps

New Monitoring Wells 3A, 2B, 2C	\$100,000	
Additional Subsidence Benchmarks	\$ 10,000	
Infrastructure Monitoring	\$ 2,000	
Agreements – City, Caltrans, LNAS, Canal Co.	\$ 10,000	
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Total	\$ 122,000	

## Water Quality

?

## Water Accounting

Billing/Accounting	\$25,000	
Investigations/Appeals	\$10,000	
Outreach / Assistance	\$40,000	
Land IQ/MLJ	\$97,560	
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Total	\$ 172,560	

Well Mitigation Program	\$840,000
Data Gaps	\$122,000
Water Quality - ?	\$0
Water Accounting	\$172,560
Projects -?	\$0

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Total	\$1,134,560
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# Funding Options –

- Prop 218 Land Based Assessment
  - Existing 218 \$9.80 x 65,756 Acres = \$644,408
  - Added Need to Fund GSP Implementation = \$1,134,560
  - New Assessment would be \$27.05 per Acre

## Pros

- Stable revenue in Wet vs Dry Years
- Less overhead for Admin and Accounting

## Cons

- All landowners pay regardless of Pumping
- Does not create incentive to reduce groundwater usage

# Funding Options –

- Pumping Fees on Groundwater Extractions
  - Charge only for Penalty Water?
    - Wet Years may produce Zero revenue
    - High penalty Rate to offset variation
  - Charge for All Water Extracted from the Ground
    - Revenue produced in every year
    - Different Rates for Penalty vs Sustainable Yield



			Wet Year			Dry Year		
		AF allowed	Assumed Pumping	GSA Charges	Total	Assumed Pumping	GSA Charges	Total
Native Yield		0.66	16,000	\$10	\$160,000	40,000	\$10	\$400,000
Tier 1 B Zone		2.00	0	\$50	\$0	23,400	\$50	\$1,170,000
Tier 1 C Zone		1.34	0	\$50	\$0	13,400	\$50	\$670,000
Tier 2		0	0	\$500	\$0		\$500	\$0
A-Zone		3	16,000	\$30	\$480,000	13,200	\$30	\$396,000
Total Pumping			32,000		\$640,000	90,000		\$2,636,000