



**SOUTH FORK KINGS**  
GROUNDWATER SUSTAINABILITY AGENCY

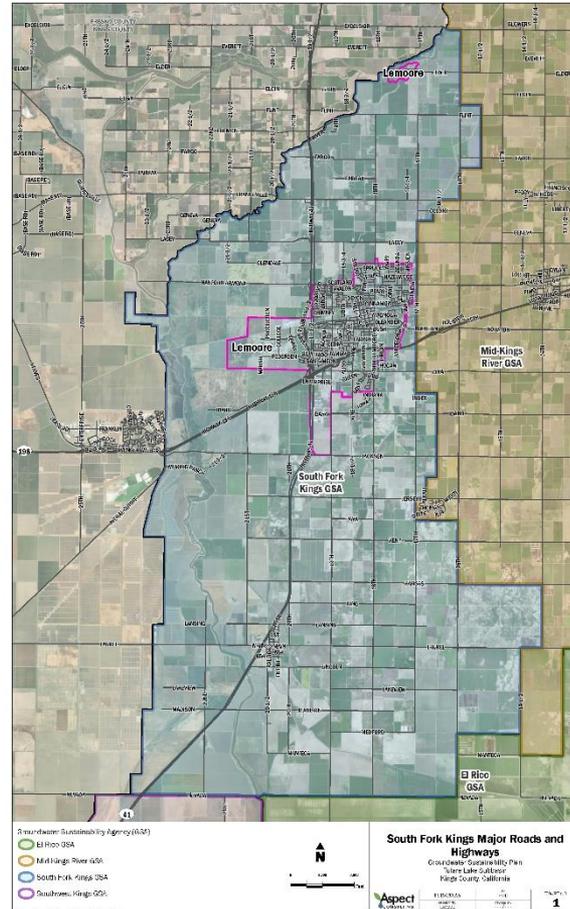
# SFK Board Meeting November 6, 2025

Amer Hussain, PE

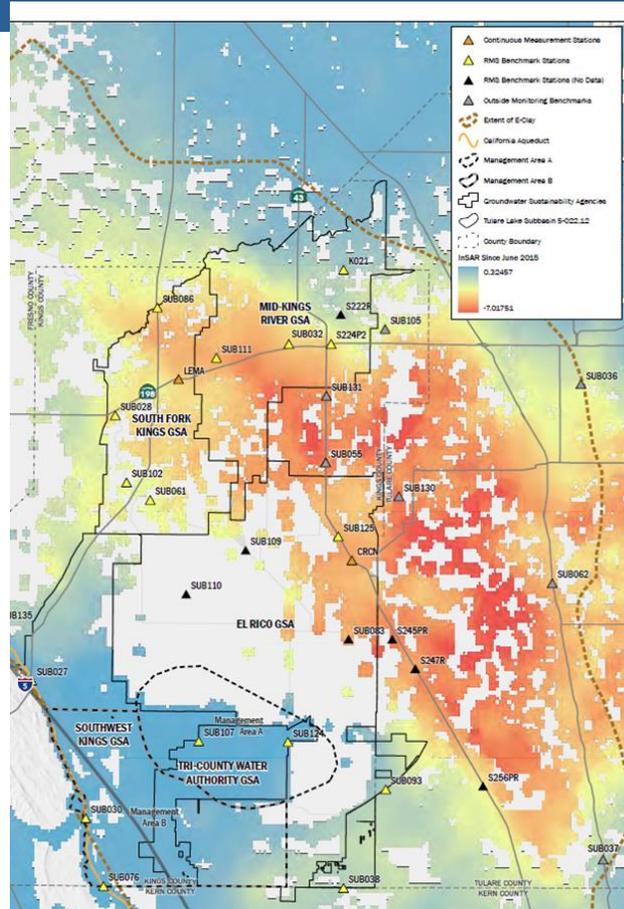
**Geosyntec**<sup>®</sup>  
consultants



# SFK GSA Area



# Subsidence since 2015



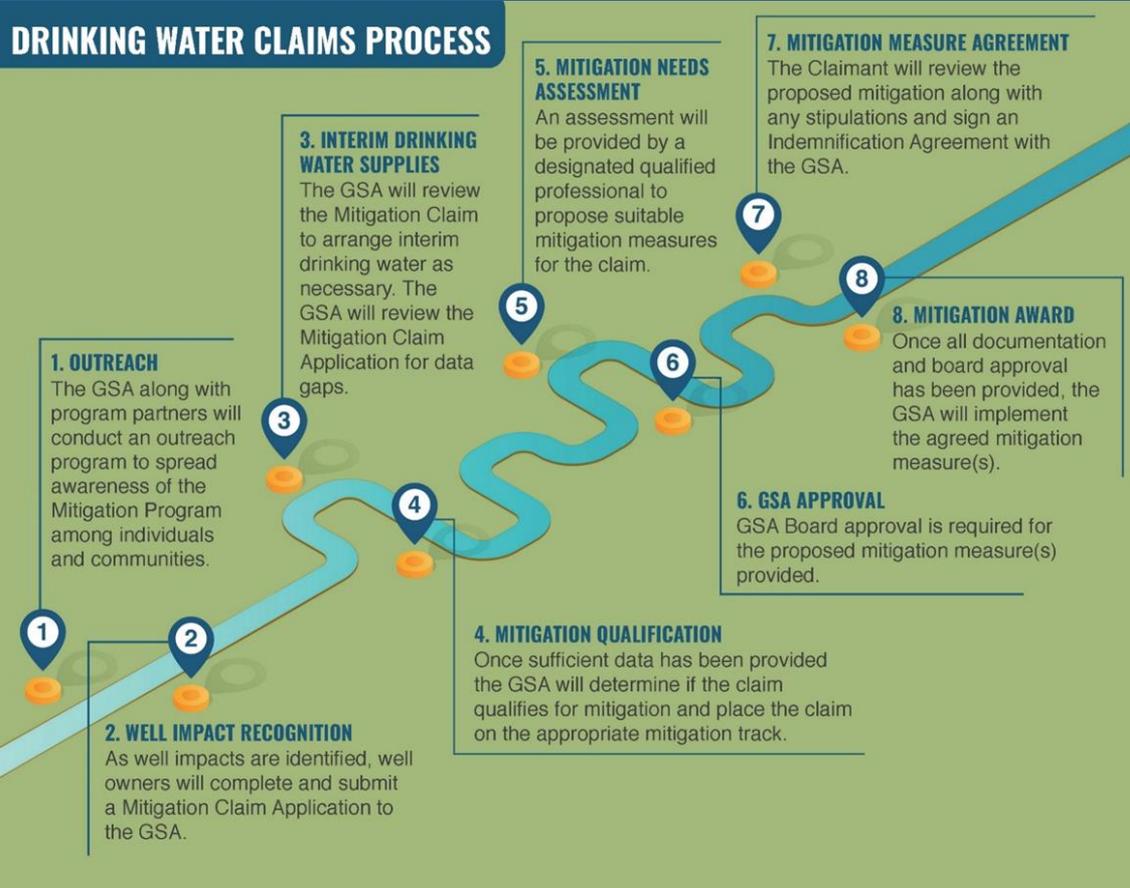
- ~~Still No Communication with SWRCB~~
- Earliest SWRCB will likely meet with us is in December
- Reporting Requirements
  - Reporting Period: 7/15/24- 9/30/25
  - Reporting Deadline: 5/1/26
  - Subsequent Reports: February 1 following reporting period



- Purpose is to provide emergency water supply and implement long-term solutions for households that have lost access to drinking water as a result of groundwater levels decreasing after January 2015



## DRINKING WATER CLAIMS PROCESS



- Flyers will be mailed to all landowners within the SFK GSA notifying of them of the Well Mitigation Program.
- Flyers and other outreach materials will be prepared in both English and Spanish.
- Two (2) public workshops will be held in the GSA to notify the community of the Well Mitigation Program.
- Domestic well owners identified through the SFK Well Registration program will receive additional notifications via email.
- The Mitigation Plan will be posted prominently on the SFK GSA website. The website will include a dedicated page that outlines the SFK GSA Mitigation Program and provides detailed information to file a claim.
- For those without access to the internet, forms and assistance filling out the forms will be provided by the GSA.



- Encourage purposeful recharge of waters to aquifer for subsequent recovery
- Key Items
  - 90% credit of surface water diverted to dedicated recharge facilities
  - 75% credit for open land & FloodMAR
  - Carried for 5 years
  - Traded across the SFK GSA



# Outreach Campaign - Draft Allocation

- Outreach campaign launched October 21, aligned with 45-day comment period.
- Completed Weeks 1–4 of planned outreach.
- Weekly email and social posts released explaining key parts of the draft allocation policy.
- Infographic and flyer prepared and distributed; translation pending.
- QR codes created for digital comment submission and workshop info.
- In-person workshop set for **Nov. 14, 1:30 p.m.**, Ag Commissioner's Office.
- Virtual workshop to follow **November 18, 6:00 p.m.**
- FAQs and talking points prepared for staff and partners.
- Comment cards, sign-in sheets, and feedback forms ready for workshop.
- Weekly coordination meetings held with SFK team and Farm Bureau partners.
- Rumor and feedback logs in use to track stakeholder response.
- Preparing post-workshop materials and final comment summary for December board review.



- **Groundwater Sustainability Plan (GSP)**
  - ~~Well Registration Policy~~
  - ~~Recharge Policy~~
  - Domestic Well Mitigation Program (in progress)
  - Updated Stakeholder Outreach Plan (in progress)
  - Groundwater Allocation Program (today)
  - Subsidence Management Plan (in progress)
  - Water Quality Management Plan
  - Update SMC definitions



# 2026 GSP - Schedule



# Allocations 2026-2040

Aquifer	Sustainable Yield (AF/ac)	Transitional Allocation (AF/ac)	Total Allocation (AF/ac)
<b>WY26-WY30</b>			
<b>A-Zone</b>	-	-	3.00
<b>B-Zone</b>	0.66	2.00	2.66
<b>C-Zone</b>	0.66	1.34	2.00
<b>WY31-WY35</b>			
<b>A-Zone</b>	-	-	3.00*
<b>B-Zone</b>	0.66	1.33	1.99
<b>C-Zone</b>	0.66	0.89	1.55
<b>WY36-WY40</b>			
<b>A-Zone</b>	-	-	3.00*
<b>B-Zone</b>	0.66	0.67	1.33
<b>C-Zone</b>	0.66	0.44	1.10
<b>WY41 (+)</b>			
<b>A-Zone</b>	-	-	3.00*
<b>B-Zone</b>	0.66	-	0.66
<b>C-Zone</b>	0.66	-	0.66

- Pump in any aquifer up to a combined total cap of 3.0 AF/ac
- Landowner developed credits
  - In accordance with Recharge Policy
- Transfers
  - Sustainable Yield
  - Landowner developed credits
- Total pumping limited to 4.0 AF/ac annually with sufficient credits



- SFK selected a method that spreads the SY across all acres in the Subbasin
- MKR selected a method that is based on historical pumping

GSA	Peanut Butter Spread Allocation (AF/acre)	Historical Pumping Allocation (AF/acre)	Elected Allocation (AF/acre)
MKR GSA	0.68	1.24	<b>1.24</b>
SFK GSA	0.68	0.63	<b>0.68</b>

# Sustainable Yield Comparison

GSA	Elected Allocation (AF/acre)	Total Assessable Acreage	Volumetric Allocation (AF)	Historical Pumping (AF)	Volumetric Decrease (AF)	Percent Difference
<b>MKR GSA</b>	<b>1.24</b>	100,138	123,964	203,946	79,982	39%
<b>SFK GSA</b>	<b>0.68</b>	71,221	<b>48,104</b>	73,830	25,726	35%

## Recent Annual Reporting

### SFK Water Year Summary

WY No.	Surface Water (AF)	GW Pumping (AF)	TLSB Precipitation (in)	AG Land in Production (acres)
<b>WY21</b>	34,271	<b>87,534</b>	4.3	35,357
<b>WY22</b>	31,744	<b>76,272</b>	6.3	37,360
<b>WY23</b>	87,372	<b>41,691</b>	15.1	41,688
<b>WY24</b>	94,361	<b>43,366</b>	8.7	40,562

### MKR Water Year Summary

WY No.	Surface Water (AF)	GW Pumping (AF)	TLSB Precipitation (in)	AG Land in Production (acres)
<b>WY21</b>		<b>249,773</b>	4.3	64,999
<b>WY22</b>	33,828	<b>184,670</b>	6.3	66,477
<b>WY23</b>	112,199	<b>119,493</b>	15.1	66,681
<b>WY24</b>	83,870	<b>109,378</b>	8.7	65,558

SFK Extracting within Sustainable Yield (WY23 & WY24)



# Allocation Comparison

## SFK GSA Allocation

Aquifer	Sustainable Yield (AF/ac)	Transitional Allocation (AF/ac)	Total Allocation (AF/ac)
<b>WY26-WY30</b>			
A-Zone	-	-	3.00
B-Zone	0.66	<b>2.00</b>	2.66
C-Zone	0.66	<b>1.34</b>	2.00
<b>WY31-WY35</b>			
A-Zone	-	-	3.00*
B-Zone	0.66	<b>1.33</b>	1.99
C-Zone	0.66	<b>0.89</b>	1.55
<b>WY36-WY40</b>			
A-Zone	-	-	3.00*
B-Zone	0.66	<b>0.67</b>	1.33
C-Zone	0.66	<b>0.44</b>	1.10
<b>WY41 (+)</b>			
A-Zone	-	-	3.00*
B-Zone	0.66	-	0.66
C-Zone	0.66	-	0.66

## MKR GSA Allocation

Sustainable Yield (AF/ac)	Transitional Allocation (AF/ac)	Total Allocation (AF/ac)
<b>WY26-WY30</b>		
1.43	<b>1</b>	2.43
<b>WY31-WY35</b>		
1.43	<b>0.6</b>	2.03
<b>WY36-WY40</b>		
1.43	<b>0.3</b>	1.73

SFK proposing more Transitional Allocation

- WY26-WY30: SFK Total > MKR Total
- WY31-35: Only 0.04 AF/ac difference

- First 5 Years (WY26-WY30)

SFK				MKR																								
<table border="1"> <thead> <tr> <th colspan="4">WY26-WY30</th> </tr> </thead> <tbody> <tr> <td>A-Zone</td> <td>-</td> <td>-</td> <td>3.00</td> </tr> <tr> <td>B-Zone</td> <td>0.66</td> <td>2.00</td> <td>2.66</td> </tr> <tr> <td>C-Zone</td> <td>0.66</td> <td>1.34</td> <td>2.00</td> </tr> </tbody> </table>				WY26-WY30				A-Zone	-	-	3.00	B-Zone	0.66	2.00	2.66	C-Zone	0.66	1.34	2.00	<table border="1"> <thead> <tr> <th colspan="3">WY26-WY30</th> </tr> </thead> <tbody> <tr> <td>1.43</td> <td>1</td> <td>2.43</td> </tr> </tbody> </table>			WY26-WY30			1.43	1	2.43
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1.43	1	2.43																										
<ul style="list-style-type: none"> <li>Can Cap out at 3.0 AF/ac</li> <li>71,221 Assessable acres</li> <li><b>Total Volume: 213,663 AF</b></li> </ul>				<ul style="list-style-type: none"> <li>Cap regardless of Aquifer: 2.43 AF/ac</li> <li>100,138 Assessable acres</li> <li><b>Total Volume: 243,335 AF</b></li> </ul>																								