



SOUTH FORK KINGS
GROUNDWATER SUSTAINABILITY AGENCY

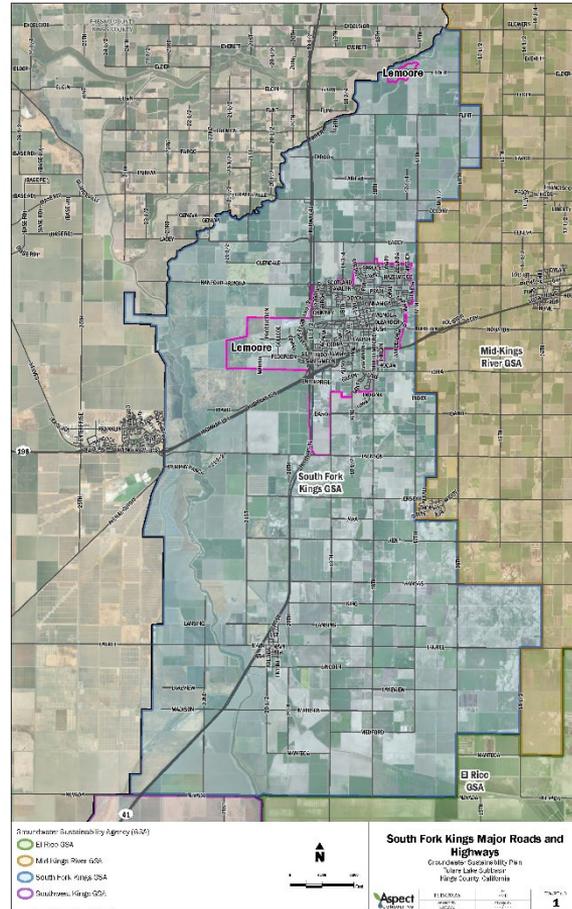
SFK Board Meeting November 6, 2025

Amer Hussain, PE

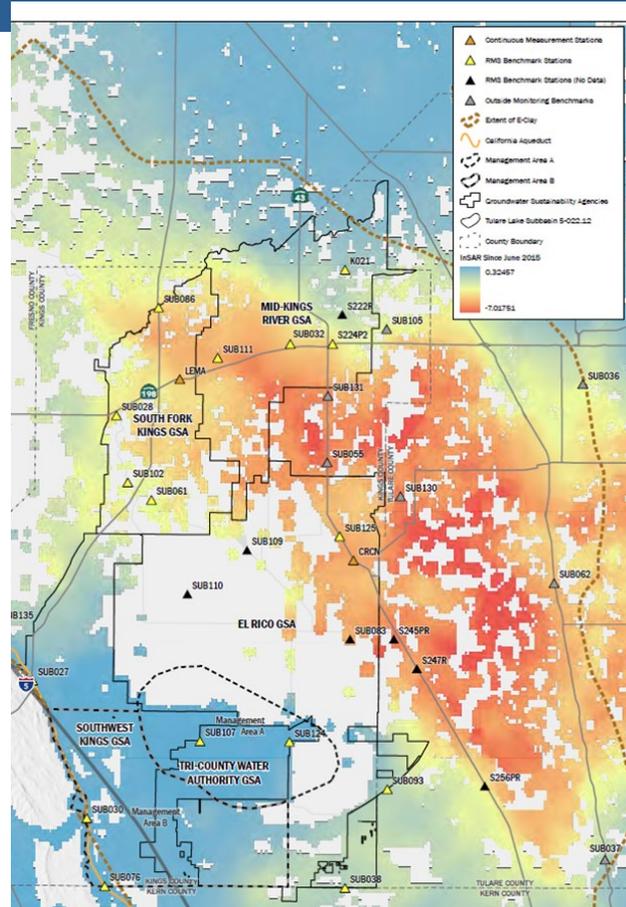
Geosyntec[®]
consultants



SFK GSA Area



Subsidence since 2015



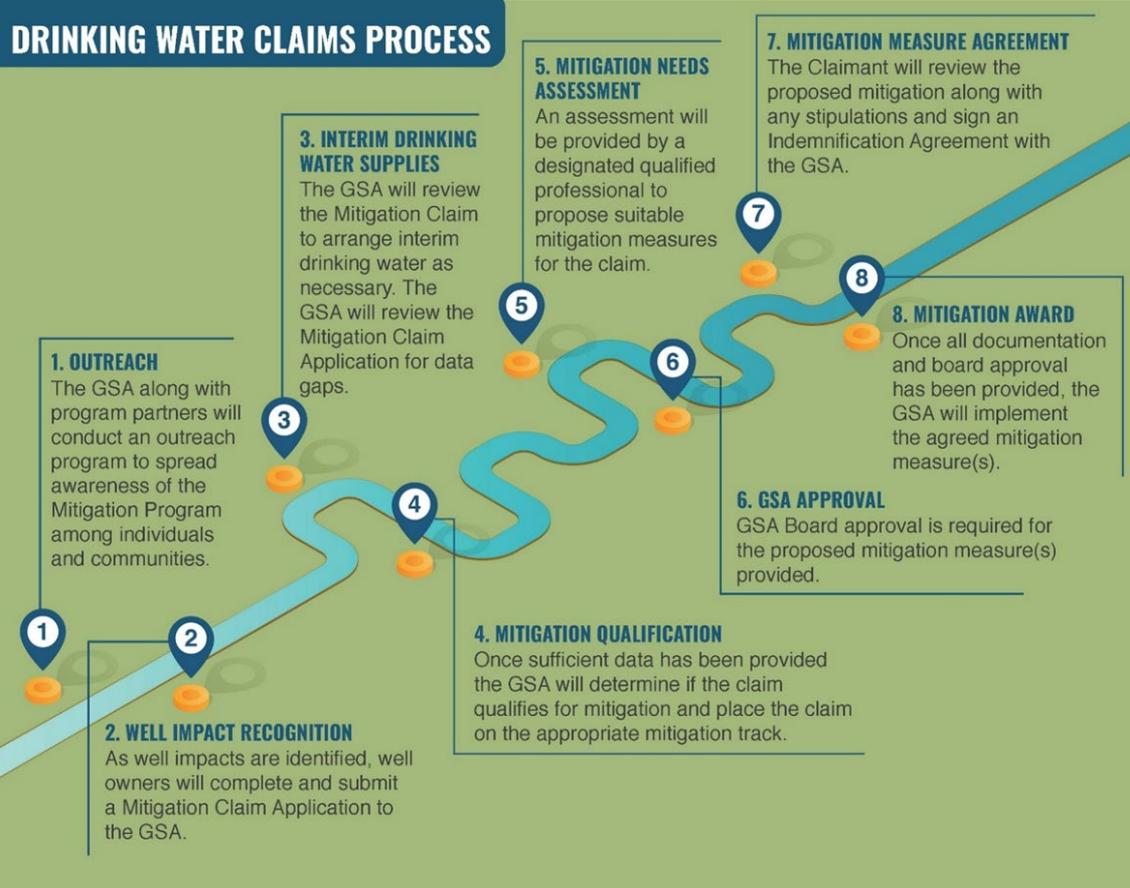
- ~~Still No Communication with SWRCB~~
- Earliest SWRCB will likely meet with us is in December
- Reporting Requirements
 - Reporting Period: 7/15/24- 9/30/25
 - Reporting Deadline: 5/1/26
 - Subsequent Reports: February 1 following reporting period



- 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)
WY26-WY30			
A-Zone	-	-	3.00
B-Zone	0.66	2.00	2.66
C-Zone	0.66	1.34	2.00
WY31-WY35			
A-Zone	-	-	3.00*
B-Zone	0.66	1.33	1.99
C-Zone	0.66	0.89	1.55
WY36-WY40			
A-Zone	-	-	3.00*
B-Zone	0.66	0.67	1.33
C-Zone	0.66	0.44	1.10
WY41 (+)			
A-Zone	-	-	3.00*
B-Zone	0.66	-	0.66
C-Zone	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	1.24
SFK GSA	0.68	0.63	0.68

Sustainable Yield Comparison

GSA	Elected Allocation (AF/acre)	Total Assessable Acreage	Volumetric Allocation (AF)	Historical Pumping (AF)	Volumetric Decrease (AF)	Percent Difference
MKR GSA	1.24	100,138	123,964	203,946	79,982	39%
SFK GSA	0.68	71,221	48,104	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)
WY21	34,271	87,534	4.3	35,357
WY22	31,744	76,272	6.3	37,360
WY23	87,372	41,691	15.1	41,688
WY24	94,361	43,366	8.7	40,562

MKR Water Year Summary

WY No.	Surface Water (AF)	GW Pumping (AF)	TLSB Precipitation (in)	AG Land in Production (acres)
WY21		249,773	4.3	64,999
WY22	33,828	184,670	6.3	66,477
WY23	112,199	119,493	15.1	66,681
WY24	83,870	109,378	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)
WY26-WY30			
A-Zone	-	-	3.00
B-Zone	0.66	2.00	2.66
C-Zone	0.66	1.34	2.00
WY31-WY35			
A-Zone	-	-	3.00*
B-Zone	0.66	1.33	1.99
C-Zone	0.66	0.89	1.55
WY36-WY40			
A-Zone	-	-	3.00*
B-Zone	0.66	0.67	1.33
C-Zone	0.66	0.44	1.10
WY41 (+)			
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)
WY26-WY30		
1.43	1	2.43
WY31-WY35		
1.43	0.6	2.03
WY36-WY40		
1.43	0.3	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		
WY26-WY30				WY26-WY30		
A-Zone	-	-	3.00	1.43	1	2.43
B-Zone	0.66	2.00	2.66			
C-Zone	0.66	1.34	2.00			
<ul style="list-style-type: none"> Can Cap out at 3.0 AF/ac 71,221 Assessable acres Total Volume: 213,663 AF 				<ul style="list-style-type: none"> Cap regardless of Aquifer: 2.43 AF/ac 100,138 Assessable acres Total Volume: 243,335 AF 		