



SOUTH FORK KINGS  
GROUNDWATER SUSTAINABILITY AGENCY

## NOTICE OF BOARD MEETING

Members

March 15, 2021

Director Frank Gornick  
*City of Lemoore*

Director Joe Neves  
*County of Kings*

Director Ceil Howe, Jr.  
*Empire West Side Irrigation District*

Director Michael Newton  
*Stratford Irrigation District*

Director Scott Mercer  
*Stratford Public Utility District*

*Joe Neves, Chair*  
*Ceil Howe, Jr. Vice Chair*  
*Frank Gornick, Secretary*

4886 E. Jensen Ave  
Fresno, CA 93725  
Telephone: 559.242.6118

[www.SouthForkKings.org](http://www.SouthForkKings.org)

Board of Directors

of the

South Fork Kings Groundwater Sustainability Agency

This is to inform you a South Fork Kings Groundwater Sustainability Agency (SFKGSA) Board of Directors Meeting will be held on Thursday, March 18, 2021 **via ZOOM Web/Teleconference**. The web link and call-in information are on the Agenda The meeting will convene at 5:30 pm.

As a result of the COVID-19 emergency and the Governor's Executive Orders N-29-20 and N-33-20, this meeting will occur solely via remote presence by video and teleconference. There will not be a physical public access location. The Board is conducting the meeting in this manner to protect public health by avoiding public gatherings and requiring social distancing. At the same time, the Board remains committed to transparency. Members of the public will be able to listen to and watch the meeting, and comment if desired.

The patience and cooperation of all participants is appreciated. While every effort has been made to streamline the experience and conduct meetings in the manner to which our stakeholders have grown accustomed, there may be technical issues and human error. We will attempt to promptly correct any issues that arise.

Individuals who require special accommodations are requested to contact Corey McLaughlin by phone at: (559) 237-5567 or by email at: [cmclaughlin@krcd.org](mailto:cmclaughlin@krcd.org).

# Board of Directors Regular Meeting South Fork Kings Groundwater Sustainability Agency (SFKGSA)

March 18, 2021; Meeting Convenes at 5:30 p.m.

Remote Only Via Zoom

**Link:** <https://us02web.zoom.us/j/81541455898?pwd=YWZHTVI6ZGVITVJtY3FQM0hkVlUUT09>

**Call-In:** +1 669 900 6833 ; Meeting ID: 815 4145 5898 ; Password: 213733

**One-tap Mobile:** +16699006833,,81541455898#,,, \*213733#

All items on this agenda, whether or not expressly listed for action, may be deliberated upon and may be subject to action by the Board of Directors. The Board of Directors may consider agenda items in any order. Materials related to an item on this agenda submitted to the Board of Directors after distribution of the agenda packet are available for public inspection at the Kings River Conservation District, 4886 E. Jensen Ave., Fresno 93725 during normal business hours.

## MEETING AGENDA

1. CALL TO ORDER
2. PLEDGE OF ALLEGIANCE
3. ADDITIONS TO OR DELETIONS FROM THE AGENDA
4. PUBLIC COMMENT

The public may address the Board of Directors on any item relevant to the GSA Authority. *This is the only portion of the meeting where the public can comment.* If you know in advance that you will want to comment, it will be helpful to email the Technical Moderator at [cmclaughlin@krcd.org](mailto:cmclaughlin@krcd.org), in advance of the meeting, to make this known. Comments by individuals and entities will be limited to three minutes or as may be reasonable as determined by the conducting officer.

### 5. CONSIDER APPROVAL OF MINUTES

The Board will consider approval of the January 21, 2021 minutes.

*Requires simple majority approval*

### 6. DIRECTOR REPORTS

Each Director will have the opportunity to report on meetings and other events attended during the prior month on behalf of the SFKGSA.

*No action will be taken.*

### 7. STAFF REPORT

Staff will report on meetings and other events attended during the prior month on behalf of the SFKGSA.

*No action will be taken.*

## **8. STAKEHOLDER OUTREACH AND COMMUNICATIONS**

The Board will receive a report and may take action on stakeholder outreach and communications activities, needs, and correspondence approval.

*Action may be taken.*

## **9. SGMA IMPLEMENTATION UPDATE**

The Board will receive a report from consultants on the status of and progress on GSP implementation, and may take action to approve Task Orders, Change Orders, and/or support letters.

*Action may be taken.*

## **10. PAYMENT FOR LAND IQ DATA USED FOR ANNUAL REPORT**

The Board will receive an update on the preparation of the GSA's Annual Report and will be asked to approve payment of \$1,290.00 to satisfy an invoice for data obtained from Land IQ for use in the Annual Report.

*Requires simple majority approval.*

## **11. NEXT MEETING DATE AND AGENDA ITEMS**

## **12. ADJOURNMENT**

A person with a qualifying disability under the Americans with Disabilities Act of 1990 may request the SFKGSA to provide a disability-related modification or accommodation in order to participate in any public meeting of the SFKGSA. Such assistance includes appropriate alternative formats for the agendas and agenda packets used for any public meetings of the GSA. Requests for such assistance and for agendas and agenda packets shall be made in person, by telephone, facsimile, or written correspondence to the Kings River Conservation District, 4886 E. Jensen Ave, Fresno, CA 93725, telephone 559.237.5567, fax 559.237.5560 at least 48 hours before a public GSA meeting.



Actions:

It was moved by Director Howe, seconded by Director Newton, and unanimously carried by Roll Call vote, to approve the minutes of the December 3, 2020 Special Meeting.

Roll Call Vote:

- Director Neves: Aye
- Director Gornick: Absent (technical difficulties)
- Director Howe: Aye
- Director Newton: Aye
- Director Mercer: Aye

**Item 6:**

DIRECTOR REPORTS

**Presenter:** Chair Neves

Discussion:

Director Gornick introduced himself, and Director Neves welcomed him and his alternate, Patricia Mathews. Director Neves congratulated Director Newton on his appointment to the Kings County Water Commission.

Actions:

None

**Item 7:**

APPOINTMENTS

**Presenter:** Brian Trevarrow

Discussion:

The Board was notified of the need to appoint a Board Secretary and a Committee member to both the Policy and Finance Committees, to fill vacancies left by the retirement of John Plourde.

Actions:

- a. It was moved by Director Howe, seconded by Director Mercer, and carried by Roll Call vote to nominate and appoint Director Frank Gornick as Secretary for the Board. [Incorrectly identified on the Agenda as requiring 4/5 vote.]

Roll Call Vote:

- Director Neves: Aye
- Director Gornick: Present
- Director Howe: Aye
- Director Newton: Aye
- Director Mercer: Aye

- b. It was moved by Director Gornick, seconded by Director Mercer, and unanimously carried by Roll Call vote, to nominate and appoint Director Ceil Howe to serve on the Finance Committee.

Roll Call Vote:

- Director Neves: Aye
- Director Gornick: Aye
- Director Howe: Aye
- Director Newton: Aye
- Director Mercer: Aye

- c. It was moved by Director Howe, seconded by Director Gornick, and unanimously carried by Roll Call vote, to nominate and appoint Director Scott Mercer to serve on the Policy Committee.

Roll Call Vote:

- Director Neves: Aye
- Director Gornick: Aye
- Director Howe: Aye
- Director Newton: Aye
- Director Mercer: Aye







## SCOPE OF WORK

---

# TULARE LAKE SUBBASIN GSA LAND USE AND EMPIRICAL EVAPOTRANSPIRATION ESTIMATES – WATER YEARS 2019 AND 2020

**PREPARED FOR:** South Fork Kings GSA  
Southwest Kings GSA  
Mid-Kings GSA  
Tri County GSA

**PREPARED BY:** Joel Kimmelshue/Land IQ

**DATE:** March 11, 2021

## INTRODUCTION

This scope of work was developed at the request of the GSAs listed in the “Prepared For” line above. These GSAs represent 4 of the 5 GSAs in the Tulare Lake Subbasin.

As part of the annual California Department of Water Resources (DWR) Sustainable Groundwater Management Act (SGMA) reporting requirements for GSAs, land use acreage and estimated consumed water by crop type are to be reported by April 1 of each year. Land IQ conducts this crop mapping as a part of its efforts to calculate actual field by field ET for various GSAs and irrigation districts in the South Valley.

## STAFFING RESOURCES AND PROJECT COOPERATORS

Staff expected to work on this project from Land IQ have been involved in various aspects of evapotranspiration modeling, agricultural remote sensing, and regulatory support for the last 3 to 21 years, and are listed below. Other appropriately qualified staff may also participate to facilitate completion of any tasks approved by SWSD as a part of this proposed scope of work.

- Principal in Charge and Principal Agricultural Scientist – Joel Kimmelshue, PhD
- Principal Remote Sensing Analyst – Zhongwu Wang, PhD
- Atmospheric Scientist – Frank Anderson, MS
- Agricultural Scientist – Chris Stall, MS
- GIS Analyst – Justin Sitton, BS
- Support Staff – Various as needed

Land IQ intends on working openly with the GSAs to help facilitate, to the extent possible, understanding and acceptance of the work approaches used for analysis and ultimate results.

**Scope Confidentiality:** This scope of work is considered confidential in nature, and is intended for review and consideration only by the addressees or direct representatives of the organization in the “Prepared For” line.



## TASKS

This scope of work has been developed based on individual task discussions and requests from SWSD. These tasks include:

- **Task 1** – Land Use Classification – Water Years 2019 and 2020
- **Task 2** – Empirical Crop Consumptive Use – Water Years 2019 and 2020

Each of these tasks is discussed in detail below and includes schedule, cost assumptions, individual task costs, and other necessary clarifications.

### TASK 1. LAND USE CLASSIFICATION – WATER YEARS 2019 AND 2020

**Scope of Work:** For the 2019 and 2020 water years, individual crop classification and summarization of crop type by GSA will be conducted and provided. Acreage by crop type, including active fallow will be summarized. All additional acreage should be considered either as urban or native/range lands. Necessary data will be queried, summarized by crop type, and independently reviewed within Land IQ prior to delivery

**Deliverables:** Tabular data summary.

**Schedule:** To be delivered by COB March 16, 2021.

**Cost:** \$1,900. Cost will be proportionally allocated to each GSA according to overall acreage. See total cost section at the end of the scope of services.

### TASK 2. EMPIRICAL POTENTIAL CROP CONSUMPTIVE USE – WATER YEARS 2019 AND 2020

**Scope of Work:** Land IQ will research and select the most appropriate Kc values from the California Polytechnic State University Irrigation Training and Research Center as well as the Food and Agriculture Organization Report 56 summaries. Land IQ will then use the CUP+ computer program developed by the California Department of Water Resources and include environmental conditions from the nearest CIMIS stations to calculate reference crop ET. The reference crop ET and crop Kcs will then be used to calculate the individual crop ET. It should be noted that these values are considered potential crop ET and not necessarily actual ET.

**Deliverables:** Tabular data summary.

**Schedule:** To be delivered by COB March 16, 2021.

**Cost:** \$3,300 for data querying, summarization, and deliverable review. Cost will be proportionally allocated to each GSA according to overall acreage. See total cost section at the end of the scope of services.

**TOTAL COST AND COST PARTITION**

The total cost for this work will be \$5,200. The cost will be partitioned by GSA according to the acreage of the GSA within the Tulare Lake Subbasin as defined below.

<b>GSA</b>	<b>Acres within Tulare Lake Subbasin</b>	<b>Percentage of Total</b>	<b>Individual GSA Cost</b>
<b>Mid-Kings River GSA</b>	97,360	31.7%	\$ 1,650
<b>South Fork Kings GSA</b>	71,310	23.2%	\$ 1,209
<b>Southwest Kings GSA</b>	89,868	29.3%	\$ 1,523
<b>Tri-County Water Authority GSA</b>	48,236	15.7%	\$ 818
<b>Total</b>	<b>306,774</b>	<b>100.0%</b>	<b>\$ 5,200</b>

**Scope Confidentiality:** This scope of work is considered confidential in nature, and is intended for review and consideration only by the addressees or direct representatives of the organization in the "Prepared For" line.