



**Stanislaus & Tuolumne Rivers Groundwater Basin Association**  
**Groundwater Sustainability Agency**  
1231 11<sup>th</sup> Street | Modesto, CA 95354  
Email: strgba@mid.org

**STRGBA GSA AGENDA**  
**March 29, 2023 (1:30 p.m. – 3:00 p.m.)**

**In-person**

**Webinar Digital Platform or Phone Meeting**

<https://us02web.zoom.us/j/82844864384>

By phone: 1-669-900-9128

Webinar ID: 828 4486 4384

**PUBLIC PARTICIPATION**

**The public may participate in this meeting in the three ways described below.**

**In person** – Oakdale Irrigation District, 1205 East F Street, Oakdale

Instructions for Participating in STRGBA GSA & Technical Advisory Meeting via Zoom Webinar or Phone

**On your desktop/iPad or tablet/laptop:**

1. To join the webinar, click the link published in the agenda for the current meeting about 5 minutes before webinar begins.
2. Follow the on-screen instructions to install and/or launch the Zoom application.
3. If prompted, enter the Webinar ID published in the agenda.
4. All public attendees will enter the meeting muted.
5. If you wish to speak under Business from the Public, or after the Chairman calls for Public Comment, click on the “Raise Hand” button to request to speak.

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1. Call to Order/Welcome and Introductions  
(Four agencies needed for a quorum)
  
2. Business from the Public  
Who: Public  
Expected Outcome: Interested persons are welcome to introduce any topic within the Agency's jurisdiction. Matters presented under this heading may be discussed but no action will be taken by the Agency at this meeting.
  
3. Topic: Approve 3/8/2023 Meeting Minutes [[Action Item](#)]  
Who: Eric Thorburn, Committee  
Expected Outcome: Approval
  
4. Topic: 2023 Annual Report [[Action Item](#)]  
Who: Todd Groundwater/Woodard Curran, Committee  
Expected Outcome: Approval
  
5. Next Meeting  
May 10, 2023, at 1:30 p.m.
  
6. Items too late for the agenda



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## MEETING MINUTES

**March 8, 2023 (1:30 p.m. – 3:00 p.m.)**

The meeting was called to order at 1:30 p.m.

### 1. Welcome and Introductions

The following members of the Stanislaus and Tuolumne Rivers Groundwater Basin Association Groundwater Sustainability Agency (STRGBA GSA) attended either in-person or via Zoom.

#### **In-Person Attendees:**

Modesto Irrigation District (MID): Gordon Enas  
Oakdale Irrigation District (OID): Eric Thorburn  
Stanislaus County (StanCo): Christy McKinnon  
City of Modesto (MID): Miguel Alvarez  
City of Waterford: Michael Pitcock  
City of Oakdale: Michael Renfrow

#### **Other Attendees:**

Phyllis Stanin, Todd Groundwater	Allison and Dave Boucher
Liz Elliott, Todd Groundwater	Andre Rivera
Arden Wells, Todd Groundwater	Cynthia Phillips
Dominick Amador, Woodard Curran	Dennis Wittchow
Samantha Wookey, MID	Henderson Hatfield
Jesse Franco	Hilary Reinhard
Emily Sheldon	John Mauterer
John Schneider	Juan Ochoa
Stacy Henderson	Tim Barahona
Alyse Briody	Jingnan Zhou
John Herrick	

### 2. Business from the Public

N/A



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**3. Approve 11/9/2022 and 1/11/2023 Meeting Minutes [Action item]**

Alvarez moved, 2<sup>nd</sup> by Enas, to approve the 11/9/22 and 1/11/23 meeting minutes. Motion carried.

**4. Election of Chairman/Vice-Chairman [Action item]**

Enas moved, 2<sup>nd</sup> by Pitcock to approve Eric Thorburn as Chairman and Gordon Enas as Vice-Chairman. Gordon Enas announced Jesse Franco would be his replacement to represent MID and as Vice-Chairman. Motion carried.

**5. 2023 Annual Report**

Todd Groundwater and Woodard Curran gave an update on the 2023 Annual Report. Presentation can be found on the STRGBA GSA website [STRGBA Meeting Materials 3.8.23.pdf](#).

**6. Next Meeting**

March 29, 2023, at 1:30 via Zoom or in-person at Oakdale Irrigation District

**7. Items too late for the agenda**

N/A



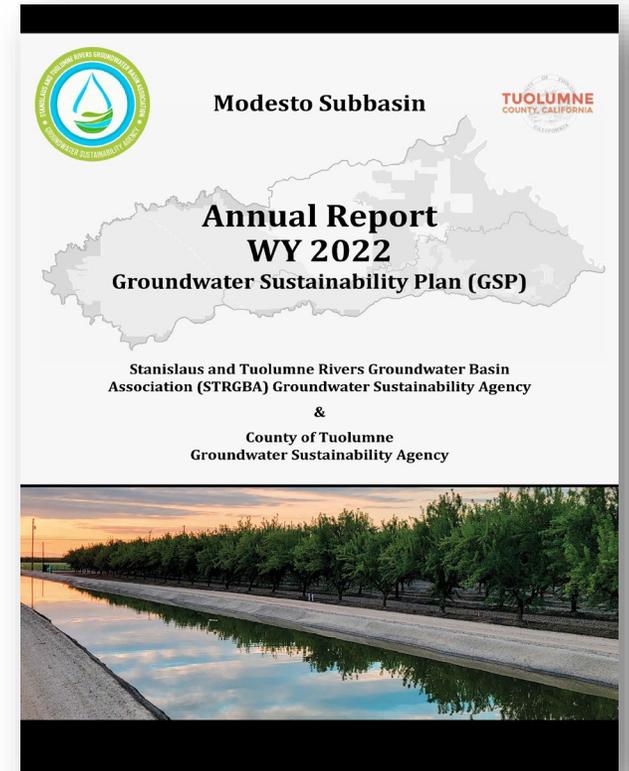
# MODESTO SUBBASIN GSP ANNUAL REPORT DWR WATER USE TEMPLATES

STRGBA GSA Meeting  
March 29, 2023



# WATER USE TEMPLATES

- DWR provides Microsoft Excel data upload templates for agencies to report their basinwide groundwater extraction, surface water supplies and total water use.
- GSAs are required to use these templates so that consistent data is reported statewide.
- The Annual Report includes the data required for the templates.



# WATER USE TEMPLATES

## GROUNDWATER EXTRACTION

WY	Agricultural Production (Agency) <sup>1</sup>	Agricultural Production (Private) <sup>2</sup>	Urban Production (Agency) <sup>1</sup>	Urban Production (Private) <sup>3</sup>	Total
2022	48,200	262,600	37,300	16,000	364,100

1. “Agency Pumping” indicates direct measurements of volumes of pumped groundwater reported by agricultural purveyors and urban water suppliers. Directly measured data are expected to have a qualitative high level of accuracy.
2. “Private Pumping” for the agricultural sector is estimated by C2VSim™ based on land use, evapotranspiration, and surface water data. See Section 2 – C2VSim™ Update (Water Year 2022). These estimated data are expected to have a qualitative medium level of accuracy.
3. “Private Pumping” for the urban sector (primarily from domestic wells in rural regions) is estimated by C2VSim™ based on census data for population multiplied by a volumetric water use factor averaged from the urban regions. See Section 2 – C2VSim™ Update (Water Year 2022). These estimated data are expected to have a qualitative medium level of accuracy.

- Agricultural = 310,800 AF (85%)
- Urban = 53,300 AF (15%)

# WATER USE TEMPLATES

## SURFACE WATER SUPPLIES

	Local Supply (Measured) <sup>1</sup>	Local Supply (Estimated) <sup>2</sup>	Other Supply (Estimated)	Total
2022	228,700	57,900	0	286,600

- 1. Includes Modesto ID and Oakdale ID deliveries to their respective agricultural and urban water users.*
- 2. Includes riparian deliveries off the Stanislaus, Tuolumne, and San Joaquin rivers as estimated by the SWRCB eWRIMS database and adjusted to meet agricultural demand simulated by the C2VSim™ model.*

Local surface water from Stanislaus, Tuolumne, and San Joaquin rivers  
= 100% of surface water supplies

# WATER USE TEMPLATES

## TOTAL WATER USE

### Total Water Use by Source

	Groundwater <sup>1</sup>	Surface Water <sup>2</sup>	Other	Total Water Use
2022	364,100	286,600	0	650,700

1. Includes "Agency" and "Private" pumping described in Section 4.

2. Includes "Measured" and "Estimated" surface water supplies described in Section 5.

Groundwater = 56%, Surface Water = 44%

### Total Water Use by Sector

	Agricultural	Urban	Other	Total Water Use
2022	573,300	77,400	0	650,700

Agricultural = 88%, Urban = 12%



QUESTIONS?