



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

STRGBA GSA AGENDA

November 10, 2021 (1:30 p.m. – 2:00 p.m.)

Webinar Digital Platform or Phone Meeting

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

By phone: 1-669-900-9128

Webinar ID: 828 4486 4384

This meeting is being conducted via webinar for all seven member agencies, pursuant to Executive Orders signed by Governor Gavin Newsom related to the ongoing COVID-19 pandemic, including provisions regarding the Brown Act. Members of the public and member agency staff may join the meeting utilizing Zoom's webinar feature if desired, or a phone number as provided in this Agenda. Members of the public will continue to have the opportunity to provide public input via the webinar or phone features. Members of the public may also email public comments by 3:00 p.m. on the day preceding the GSA meeting to: [strgba.org](mailto:publiccomments@strgba.org). If public comments are timely submitted by email, then those comments will be identified during the public input section of the Agenda or during a specific agenda item if the agenda item is identified in the email. The Brown Act does not require a member of the public to state her or his name; please indicate in your email if you would like your name stated or if you want to remain anonymous. _

PUBLIC PARTICIPATION

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

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.

On your phone:

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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 10/13/21 Meeting Minutes [Action Item]
Who: Eric Thorburn, Committee
Expected Outcome: Approval
4. Topic: Remote Teleconferencing Participation [Action Item]
Who: Gordon Enas, Committee
Expected Outcome: Approval
5. Topic: Budget and Schedule Update
Who: Gordon Enas, Committee
Expected Outcome: Discussion
6. Topic: GSP Adoption Schedule
Who: Gordon Enas, Committee
Expected Outcome: Discussion
7. Next Meeting
December 8, 2021 at 1:30 p.m. via Zoom
8. Items too late for the agenda



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MEETING MINUTES

October 13, 2021 (1:30 p.m. – 2:00 p.m.)

The meeting was called to order at 1:32 p.m.

1. Welcome and Introductions

The following members of the Stanislaus and Tuolumne Rivers Groundwater Basin Association Groundwater Sustainability Agency (STRGBA GSA) attended via Zoom:

Modesto Irrigation District (MID): Chad Tienken

City of Waterford: Mike Pitcock

Stanislaus County: Walt Ward

Oakdale Irrigation District: Eric Thorburn

City of Modesto: Miguel Alvarez

City of Oakdale: Michael Renfrow

Other Attendees:

Phyllis Stanin, Todd Groundwater

Liz Elliott, Todd Groundwater

Alexis Stevens

Norik Naraghi

Stacy Henderson

Khandriale Clark

Andres Diaz

John Mauterer

John Mensinger

Stu Gilman

John Davids

Emily Sheldon

Ryan Honnette

Dennis Wittchow

Andy Taylor

Samantha Wookey, MID

Gordon Enas, MID

Michael Roots

Bill Jackson

Bill Hudelson

Valerie Kincaid

Jeff Black

Fay Tamez

Steve Knell

Tom Orvis

Hilary Reinhard

Leigh Siracusano

Amanda Peisch-Derby

Ali Taghavi, Woodard Curran

Tim Coleman



2. Business from the Public

Stevens asked when the next chapters would be posted on GSA website. Stanin stated water budget chapter will be up with the next 2 weeks. Most chapters will be released early November. Stevens asked what the deadline for the comments. Stanin stated 30-day deadline for comments. Stanin advised all comments have been posted on the website.

3. Approve 9/8/21 Meeting Minutes [Action item]

Tienken moved, 2nd by Ward, to approve 8/11/21 meeting minutes. Motion carried.

4. Remote Teleconferencing Participation

Tienken moved, 2nd by Renfrow, to approve Remote Teleconferencing Participation resolution. Motion carried.

- Ward asked if we must take action to teleconference every 30 days? Thorburn stated there should not be a problem meeting the 30-day window. Ward asked if we could meet in person and waive the AB 361 statute? Not yet.

5. Degraded Water Quality

Renfrow moved, 2nd by Tienken, to approve Degraded Water Quality resolution. Motion carried.

- Henderson asked if the MCL is determined by the type of well that is being used? Stanin said ag irrigation wells are typically not used for monitoring wells unless they are already part of a monitoring network and the data is available from through a public database like GeoTracker.
- Stevens stated she doesn't remember a resolution on interconnected surface water. Enas stated it was presented in July's meeting.
- Reinhard asked if qualifiers will be attached to the minimum threshold exceedances since water levels tend to bounce around? Thorburn responded that it is difficult to include qualifiers in the definition for Undesirable Results. Stanin added that the relationship between undesirable results and minimum threshold exceedances is determined by its cause. If the exceedance range is defined too narrowly, the GSA might not be able to determine if the exceedance was caused by one of its projects.

6. Budget and Schedule Update

Enas reported that Todd Groundwater has expended approximately 74% of budget and 92% of the time scheduled through August 31.



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7. Public Outreach Update

Wookey stated we are working with Stantec to put together a GSP adoption toolkit for the agencies. MID and Stanislaus County plan to go to their boards in December to have time to receive comments.

8. GSP Update

Stanin stated all technical analyses are coming to a finish and the remaining items will be discussed in the TAC meeting

9. Next meeting

November 10, 2021 at 1:30 p.m. via Zoom.

DRAFT



AGENDA REPORT

GSA Meeting Date: November 10, 2021

Subject:	Brown Act Provisions for Remote Teleconferencing Participation in Meetings during a Declared State of Emergency.
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Recommended Action:	<p>Resolution making the following determination:</p> <p>Section 1. Recitals. The Recitals set forth in the attached resolution are true and correct and are incorporated into this Resolution by this reference.</p> <p>Section 2. Proclamation of Local Emergency. The Governing Body hereby proclaims that a local emergency exists throughout the GSA, and that the governing body meeting in person could present imminent risks to the health and safety of attendees due to the prevalence of the COVID-19 Pandemic in Stanislaus County and the State of California, such that the GSA reserves the right to continue virtual meetings and/or conduct in-person meetings consistent with local health guidance or duly issued orders.</p> <p>Section 3. Remote Teleconference Meetings. The Governing Body and its Chairman and designees of the GSA are hereby authorized and directed to take all actions necessary to carry out the intent and purpose of this Resolution including, conducting open and public meetings in accordance with Government Code section 54953(e) and other applicable provisions of the Brown Act.</p> <p>Section 5. Effective Date of Resolution. This Resolution shall take effect immediately upon its adoption and shall be effective until the earlier of (i) November 28, 2021, or (ii) such time the Governing Body adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the Governing Body of the GSA may continue to teleconference without compliance with paragraph (3) of subdivision (b) of section 54953.</p>
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Background and Discussion:	<p>All meetings of the STRGBA GSA are open and public, as required by the Ralph M. Brown Act (Cal. Gov. Code 54950 – 54963) and related state laws and orders, so that any member of the public may attend either virtually or in-person as the case may be to participate and watch the GSA’s governing body conduct GSA business.</p> <p>The Brown Act makes provisions for remote teleconferencing participation in meetings by members of a governing body, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions, such as when a state of emergency is declared by the Governor pursuant to Government Code section 8625, proclaiming the existence of conditions of disaster or of extreme peril to the safety of persons and property within the state caused by conditions as described in Government Code section 8558. It is further required that state or local officials have imposed or recommended measures to promote social</p>
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AGENDA REPORT

distancing, or, the governing body meeting in person would present imminent risks to the health and safety of attendees.

Such conditions now exist in the STRGBA GSA, specifically, a State of Emergency has been proclaimed pursuant to Government Code Section 8625 that the COVID-19 Pandemic has strained the State's healthcare system and workforce and that state and local health departments must use all available preventative measures to combat the spread of COVID-19. As a consequence of the declared emergency, the STRGBA GSA does hereby find that the governing body of the STRGBA GSA shall conduct their meetings without compliance with paragraph (3) of subdivision (b) of Government Code section 54953, as authorized by subdivision (e) of section 54953, and that such governing bodies shall comply with the requirements to provide the public with access to the meetings as prescribed in paragraph (2) of subdivision (e) of section 54953.

Alternatives, Pros and Cons of Each Alternative:

Pros: Allow GSA meetings to continue to meet while taking all available preventative measures to combat the spread of COVID-19.

Cons: Requiring GSA meetings to be held in-person would violate the proclaimed State of Emergency and potentially expose meeting attendees to COVID-19.

Concurrence:

The actions proposed by this resolution have already been adopted by several of the GSA member agencies.

Fiscal Impact:

Since GSA is currently holding all meetings by remote conferencing, the resolution will create no new or additional fiscal impact.

Recommendation:

Resolution making the following determination:

Section 1. Recitals. The Recitals set forth in the attached resolution are true and correct and are incorporated into this Resolution by this reference.

Section 2. Proclamation of Local Emergency. The Governing Body hereby proclaims that a local emergency exists throughout the GSA, and that the governing body meeting in person could present imminent risks to the health and safety of attendees due to the prevalence of the COVID-19 Pandemic in Stanislaus County and the State of California, such that the GSA reserves the right to continue virtual meetings and/or conduct in-person meetings consistent with local health guidance or duly issued orders.

Section 3. Remote Teleconference Meetings. The Governing Body and its Chairman and designees of the GSA are hereby authorized and directed to take all actions necessary to carry out the intent and purpose of this Resolution including, conducting open and public meetings in accordance with Government Code section 54953(e) and other applicable provisions of the Brown Act.

Section 5. Effective Date of Resolution. This Resolution shall take effect immediately upon its adoption and shall be effective until the earlier of (i)

AGENDA REPORT

Section 5. Effective Date of Resolution. This Resolution shall take effect immediately upon its adoption and shall be effective until the earlier of (i) November 28, 2021, or (ii) such time the Governing Body adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the Governing Body of the GSA may continue to teleconference without compliance with paragraph (3) of subdivision (b) of section 54953.

Attachments:

Supporting documents attached:

Resolution Presentation Other supporting docs None attached

Note: Original contracts and agreements are housed in the GSA Secretary's Office, phone (209) 526-7360.

Presenter
<i>Gordon Enas</i>
Gordon Enas, P.E.
11/4/2021
Date Signed

GSA Chairman
<i>Eric Thorburn</i>
Eric Thorburn, P.E.
11/4/21
Date Signed

D R A F T

RESOLUTION NO. 2021-10

RESOLUTION CONFIRMING A CONTINUING STATE OF EMERGENCY ARISING FROM THE STATE OF CALIFORNIA AND STANISLAUS COUNTY ORDERS DUE TO THE COVID-19 PANDEMIC AND FURTHER AUTHORIZING REMOTE CONFERENCE MEETINGS OF THE STRGBA GSA'S GOVERNING BODY PURSUANT TO THE PROVISIONS OF THE BROWN ACT AND DULY ISSUED LAWS AND ORDERS FROM THE STATE RELATED TO THE PANDEMIC AND OPERATIONS FOR GOVERNING BODY MEETINGS.

WHEREAS, the STRGBA GSA is committed to preserving and nurturing public access and participation in meetings of its governing body; and

WHEREAS, all meetings of the STRGBA GSA are open and public, as required by the Ralph M. Brown Act (Cal. Gov. Code 54950 – 54963) and related state laws and orders, so that any member of the public may attend either virtually or in-person as the case may be to participate and watch the GSA's governing body conduct GSA business; and

WHEREAS, the Brown Act, Government Code section 54953(e), makes provisions for remote teleconferencing participation in meetings by members of a legislative body, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions; and

WHEREAS, a required condition is that a state of emergency is declared by the Governor pursuant to Government Code section 8625, proclaiming the existence of conditions of disaster or of extreme peril to the safety of persons and property within the state caused by conditions as described in Government Code section 8558; and

WHEREAS, a proclamation is made when there is an actual incident, threat of disaster, or extreme peril to the safety of persons and property within the jurisdictions that are within the GSA's boundaries, caused by natural, technological, or human-caused disasters; and

AGENDA REPORT

WHEREAS, it is further required that state or local officials have imposed or recommended measures to promote social distancing, or, the legislative body meeting in person would present imminent risks to the health and safety of attendees; and

WHEREAS, such conditions now exist in the GSA, specifically, a State of Emergency has been proclaimed pursuant to Government Code Section 8625 that the COVID-19 Pandemic has strained the State's healthcare system and workforce and that state and local health departments must use all available preventative measures to combat the spread of COVID-19; and

WHEREAS, since most restrictions from the State of California's Blueprint for a Safer Economy were lifted on June 15, 2021, the average daily case rate of COVID-19 in Stanislaus County has increased 9-fold and the testing positivity rate has risen 4-fold, though those conditions may change daily and weekly; and

WHEREAS, as a consequence of the declared emergency, the STRGBA GSA does hereby find that the governing body of the GSA shall conduct their meetings without compliance with paragraph (3) of subdivision (b) of Government Code section 54953, as authorized by subdivision (e) of section 54953, and that such legislative bodies shall comply with the requirements to provide the public with access to the meetings as prescribed in paragraph (2) of subdivision (e) of section 54953; and

WHEREAS, the GSA reserves the option to attend in-person meetings consistent with local health officer directives or to continue a practice of remote meetings that still allow multiple options for public participation.

NOW, THEREFORE, THE GOVERNING BODY OF THE STANISLAUS AND TUOLUMNE RIVERS GROUNDWATER BASIN ASSOCIATION GROUNDWATER SUSTAINABILITY AGENCY DOES HEREBY RESOLVE AS FOLLOWS,

Section 1. Recitals. The Recitals set forth above are true and correct and are incorporated into this Resolution by this reference.

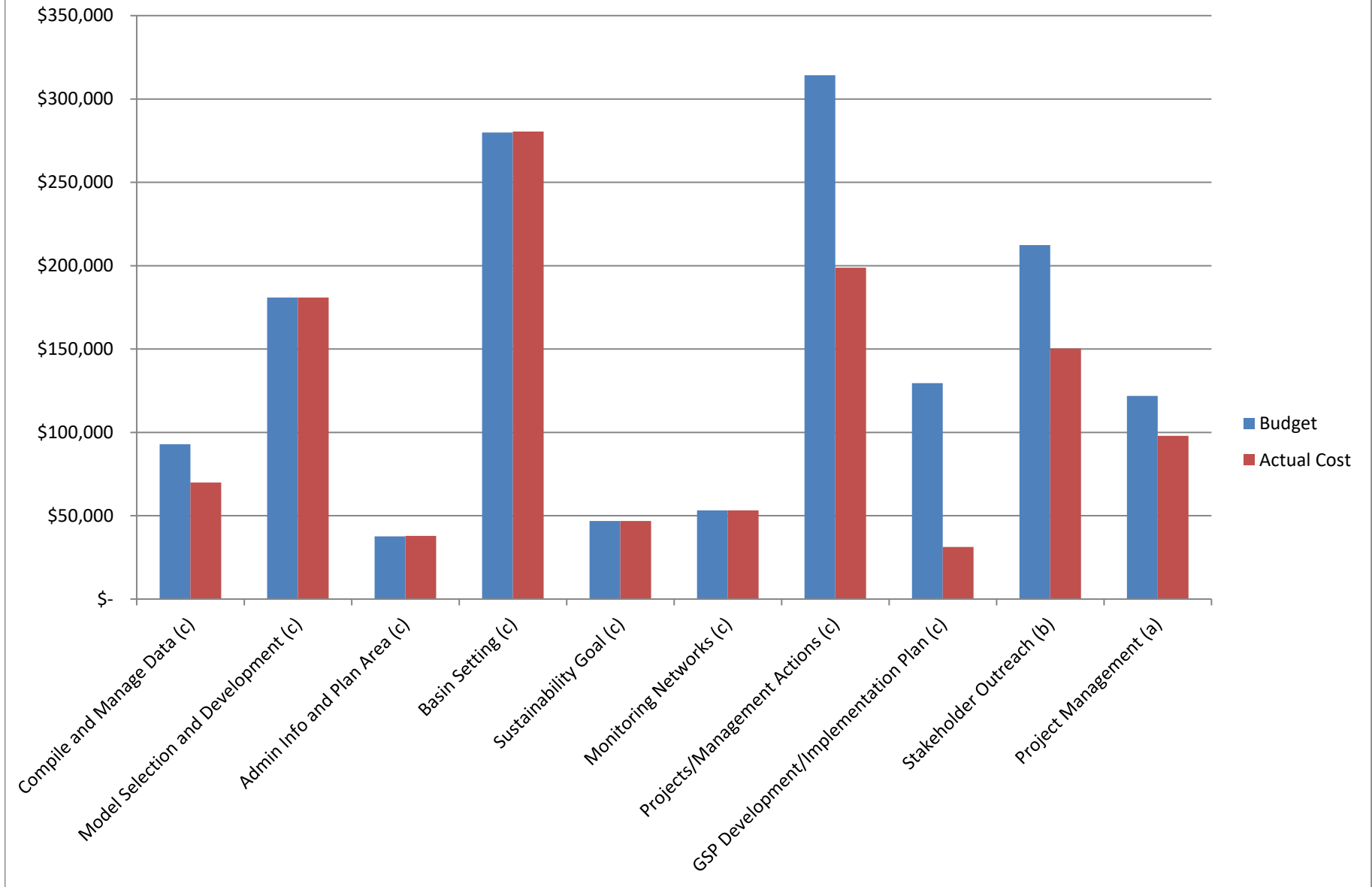
AGENDA REPORT

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Section 3. Remote Teleconference Meetings. The governing body and its Chairman and designees of the GSA are hereby authorized and directed to take all actions necessary to carry out the intent and purpose of this Resolution including, conducting open and public meetings in accordance with Government Code section 54953(e) and other applicable provisions of the Brown Act.

Section 5. Effective Date of Resolution. This Resolution shall take effect immediately upon its adoption and shall be effective until the earlier of (i) November 28, 2021, or (ii) such time the Governing Body adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the legislative bodies of the GSA may continue to teleconference without compliance with paragraph (3) of subdivision (b) of section 54953.

Cost To Prepare GSP (September 2018 - September 2021)



Groundwater Sustainability Plan – Adoption Schedule

City of Modesto

- Notice of Public Hearing December 6 and 13, 2021
- Public Hearing & Agency Adoption by Resolution December 14, 2021

City of Oakdale

- Notice of Public Hearing December 8, 2021
- Public Hearing & Agency Adoption by Resolution December 20, 2021

City of Riverbank

- Notice of Public Hearing
- Public Hearing & Agency Adoption by Resolution December 14, 2021

City of Waterford

- Notice of Public Hearing November 16, 2021
- Public Hearing & Agency Adoption by Resolution December 16, 2021

Stanislaus County

- Notice of Public Hearing November 21 and 28, 2021
- Public Hearing & Agency Adoption by Resolution December 7, 2021

Modesto Irrigation District

- Notice of Public Hearing November 14 and December 12, 2021
- Public Hearing & Agency Adoption by Resolution December 14, 2021

Oakdale Irrigation District

- Notice of Public Hearing November 24 and December 1, 2021
- Public Hearing & Agency Adoption by Resolution December 14, 2021



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TECHNICAL ADVISORY COMMITTEE AGENDA

November 10, 2021 (2:00 p.m. – 3:00 p.m.)

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

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 - a. Wait until the last four digits of your phone number is called by the Host.



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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 10/13/21 Special TAC Meeting Minutes [[Action Items](#)]
Who: Eric Thorburn, Committee
Expected Outcome: Approval
4. Topic: Management Actions
Who: Woodard Curran, Committee
Expected Outcome: Discussion
5. Next Meeting
December 8, 2021 at 2 p.m. (following STRGBA GSA monthly meeting) via Zoom
6. Items too late for the agenda



TECHNICAL ADVISORY COMMITTEE MEETING MINUTES

October 13, 2021 (2:00 p.m. – 3:00 p.m.)

The meeting was called to order at 2:00 p.m.

1. Welcome and Introductions

The following members of the Stanislaus and Tuolumne Rivers Groundwater Basin Association Groundwater Sustainability Agency (STRGBA GSA) attended via Zoom:

Modesto Irrigation District (MID): Chad Tienken
City of Waterford: Mike Pitcock
Stanislaus County: Walt Ward
Oakdale Irrigation District: Eric Thorburn
City of Modesto: Miguel Alvarez
City of Oakdale: Michael Renfrow

Other Attendees:

Phyllis Stanin, Todd Groundwater	Samantha Wookey, MID
Liz Elliott, Todd Groundwater	Gordon Enas, MID
Alexis Stevens	Michael Roots
Norik Naraghi	Bill Jackson
Stacy Henderson	Bill Hudelson
Khandriale Clark	Valerie Kincaid
Andres Diaz	Jeff Black
John Mauterer	Fay Tamez
John Mensinger	Steve Knell
Stu Gilman	Tom Orvis
John Davids	Hilary Reinhard
Emily Sheldon	Leigh Siracusano
Ryan Honnette	Amanda Peisch-Derby
Dennis Wittchow	Ali Taghavi, Woodard Curran
Andy Taylor	Tim Coleman



2. Business from the Public

N/A

3. Approve 9/22/21 Minutes [Action item]

Renfrow moved, 2nd by Tienken, to approve 9/22/21 meeting minutes. Motion carried.

4. Projects and Management Actions

Taghavi presented on Sustainable Management Criteria for Projects and Management Actions. The presentation can be accessed at the STRGBA GSA website: www.strgba.org.

- Henderson asked about the time frame for Non-District East pumpers to initiate these projects and who will determine the pricing structure? Thorburn responded that the project proponent is responsible for taking the lead, but we don't have an exact timeline. If monitoring data continues to show worsening conditions, the projects will have to start immediately. Stanin stated that Stanislaus County has been working with non-district east landowners and that some projects are already being implemented.
- Henderson asked how the GSA plans on monitoring the NDE pumping to ensure that growers are turning off pumps, and will the growers be required to furnish their pumping data?? Stanin said we are going to need additional wells and one of the management actions is to improve the monitoring network. The monitoring wells will help determine if water levels are recovering. Also, SGMA requires extraction data be included in the annual reports. So we will need to set up a program to do that accurately.
- Henderson asked if the cost of additional monitoring wells will be allocated solely to the NDE or will those costs be assessed basinwide? Thorburn stated the monitoring wells are currently managed by the GSA and we don't see significant costs increase. Also, we will be going after grant funding to help defray some costs.
- Henderson asked if those costs will be assessed on the member agencies and their constituents, and if so, will those discussions take place in public? Thorburn responded that those discussions haven't taken place yet, but it will be a public discussion.
- Reinhard asked about her comment letter on interconnected surface water. Are there any changes other than the response to the letter? Stanin stated they have not responded to the letter yet because some of the concerns will be addressed when the chapters are posted. Stanin also mentioned that the model results show substantial improvements over the baseline, with the aquifers maintain connectivity to the rivers. We still want to improve streamflow conditions even though we're not required to fix conditions that occurred prior to 2015.



- Stevens asked have the MID or OID Boards considered the amount of water available shown for in-lieu or direct recharge? Thorburn stated the numbers are from staff and represent the amount of water made available in years past. They haven't yet been approved by the Boards.
- Stevens asked if the lack of demand reduction in the GSP be a concern to DWR? Ward responded that demand reduction has been the subject of many discussions with NDE landowners.
- Stevens asked if specific management actions will be included if projects are not implemented? Stanin responded that management actions will be included as a backstop. If projects are not started right away we could see undesirable results occur immediately. Demand reduction will be included in the GSP and is needed since it will take time to implement projects. Ward agreed but added that January 31, 2022 deadline is the starting point and from that date forward we will begin implementation and learn how the GSP works.
- Mensinger mentioned that the MID Board has not made a decision on providing water for in-lieu and direct recharge projects to the NDE. He also added that the NDE growers have not organized into a groundwater replenishment district.
- Mensinger asked if using the past 50 years of hydrology is a good way to predict the next 50 years? Taghavi responded that DWR has looked into incorporating climate change into future modeling scenarios, but there is still much uncertainty on the impacts to future hydrology.
- Mensinger also added that the GSP should include projects in reserve since implementation takes time and the benefits won't be known immediately. He suggested including supplying more water to the City of Modesto as well as providing flood flows to lands within MID boundaries. Mensinger also mentioned that the Tuolumne River and Dry Creek flood mitigation projects need a better explanation for how those project will work. Ward responded that Stanislaus County should have a final report out on the Dry Creek project within 6 months. Mensinger added that the GSP should include many more alternative projects just in case some don't work out. We can't just cut off the supply of groundwater to growers.

5. Next Meeting

November 10, 2021 at 1:30 p.m. via Zoom

6. Items too late for the agenda

N/A



MODESTO SUBBASIN SGMA: PROJECTS & MANAGEMENT ACTIONS, IMPLEMENTATION

TECHNICAL ADVISORY COMMITTEE (TAC) MEETING

NOVEMBER 10, 2021



PROJECT AND MANAGEMENT ACTIONS SECTION

- **Projects and Management Actions** – physical projects or management actions the GSA is planning on implementing or could implement to help the Subbasin reach sustainability over the implementation period
- **DWR wants to see the GSA has:**
 - Strategies to reach sustainability
 - Thought about what it would take to implement (funds, permitting, partners, etc.)
 - What would trigger implementation of the projects or management action
 - Estimated the expected benefits

SECTION COMPONENTS

Section	SGMA Regulation
Project Description	23 CCR §354.44(b)
Public Noticing	23 CCR §354.44(b)(1)(B)
Permitting and Regulatory Process	23 CCR §354.44(b)(3)
Expected Benefits	23 CCR §354.44(b)(4), §354.44(b)(5)
Implementation Criteria, Status, and Plan	23 CCR §354.44(b)(1)(A); §354.44(b)(4); §354.44(b)(6)
Water Source and Reliability	23 CCR §354.44(b)(6)
Legal Authority	23 CCR §354.44(b)(7)
Estimated Costs and Funding Plan	23 CCR §354.44(b)(8)
Management of Groundwater Extractions & Recharge	23 CCR §354.44(b)(9)

PROJECTS INCLUDED IN THE GSP

Urban and Municipal Projects		Group	Modeling Scenario	
			Scenario 1	Scenario 2
1	Growth Realization of Surface Water Treatment Plant Phase II	1	Baseline	Baseline
2	Advanced Metering Infrastructure (AMI) Project	1	X	X
3	Storm Drain Cross Connection Removal Project	2	X	X
4	City of Waterford, Surface Water Supply Project	2	X	X
In-lieu Supply or Recharge Projects				
5	MID to Out-of-District Lands In-lieu and Direct Recharge Project	2		X
6	OID to Out-of-District Lands In-lieu and Direct Recharge Project	2		X
Flood Mitigation Projects				
7	Tuolumne River Flood Mitigation Direct Recharge Project	2		X
8	Dry Creek Flood Mitigation Direct Recharge Project	2		X
Potential Future Projects				
9	Stanislaus River Flood Mitigation Direct Recharge Project	3		
10	City of Modesto, Detention Basin Standards Specifications Update	3		
11	Recharge ponds constructed by Non-District East Landowners	3		
12	OID Irrigation & Recharge to Benefit City of Oakdale	3		
13	MID FloodMAR Projects	3		

MANAGEMENT ACTIONS - FAQ

- **Management Actions will only be implemented as needed**
 - They are not required to be implemented just because they are in the GSP
 - The GSA will continue to evaluate options throughout implementation
- **Management Actions described in the GSP are a framework**
 - They will be fully developed if the GSA determines to implement them

MANAGEMENT ACTION TYPES

- **Demand Management Strategies** – Management actions developed to manage agricultural and urban water demands in the Subbasin. While conservation practices are already expected throughout GSP implementation, these strategies provide additional tools for the GSA to reach sustainability, if needed.
- **Water Accounting Framework** – Management actions developed to help quantify and identify groundwater extraction volumes and locations, and/or develop systems to incentivize decreased groundwater extractions.

MANAGEMENT ACTIONS

Category	Number	Management Action
Demand Reduction Strategies	1	Voluntary Conservation and/or Land Fallowing
	2	Conservation Practices
Water Accounting Framework	3	Groundwater Extraction Reporting Program
	4	Groundwater Allocation and Pumping Management Program
	5	Groundwater Extraction Fee
	6	Groundwater Pumping Credit Market and Trading Program

DEMAND MANAGEMENT STRATEGIES

- **MA1 – Voluntary Conservation and/or Land Fallowing**
 - This action includes several strategies to achieve both temporary and permanent water demand reduction. Should the Modesto Subbasin GSA decide to implement this Management Action, it would assess options and develop a program to incentivize voluntary conservation and/or fallowing strategies in close coordination and collaboration with landowners.
- **MA2 – Conservation Practices**
 - This Management Action would create a program to support conservation practices in both urban and agricultural sectors. Urban water suppliers are already considering demand reduction and conservation efforts during dry periods, as outlined in Urban Water Management Plans (UWMPs). Larger agricultural water suppliers are also required to provide specific Efficient Water Management Practices in their Agricultural Water Management Plans (AWMPs), which MID and OID have both prepared.

WATER ACCOUNTING FRAMEWORK

- **MA3 – Groundwater Extraction Reporting Program**
 - The GSP and future Annual Reports are required to provide quantified volumes for groundwater extraction,. This Management Action could pursue alternative volumetric groundwater extraction reporting data types or strategies. These could be activities such as voluntary reporting programs, or a more comprehensive program through satellite imagery and/or metering.
- **MA4 – Groundwater Allocation and Pumping Management Program**
 - This strategy involves development of a Groundwater Allocation Program for the Subbasin that would result in groundwater sustainability for the entire Subbasin.
- **MA5 – Groundwater Extraction Fee**
 - This strategy involves setting up a Groundwater Extraction Fee structure for each groundwater user. The fee structure could work in conjunction with the groundwater allocation and reporting programs, such that groundwater use above a certain allocation can be subject to a fee.
- **MA6 – Groundwater Pumping Credit Market Trading Program**
 - Groundwater credit markets and trading programs can be used to exchange and trade the allocation of groundwater use by each landowner within the GSA.

PLAN IMPLEMENTATION

- In addition to projects and management actions, implementation of the GSP includes:
 - Modesto Subbasin GSAs administration and management
 - Implementing and improving the monitoring program
 - Developing annual reports
 - Developing five-year GSP updates
- Implementation GSP Chapter also describes the contents the annual and five-year update reports

QUESTIONS?

