

Notice and Agenda of a Meeting of the Yucaipa Sustainable Groundwater Management Agency

Board Meeting

Wednesday, October 27, 2021 at 10:30 a.m.
(909) 797-2489 | www.yucaipasgma.org

Conducted at the City of Yucaipa | (909) 797-2489
34272 Yucaipa Boulevard, Yucaipa, California 92399

This meeting will also be available by calling (888) 788-0099
using Meeting ID 895-6292-0203#

View the meeting online at <https://sbvmwd.zoom.us/j/89562920203>

I. Call to Order

II. Roll Call

III. Public Comments At this time, members of the public may address the representatives of the Yucaipa Groundwater Sustainability Agency on matters within its jurisdiction.

IV. Correspondence

A. None

V. Review and Approval of Minutes

A. Workshop meeting minutes from August 11, 2021

B. Workshop meeting minutes from August 25, 2021

C. Workshop meeting minutes from September 22, 2021

VI. Discussion Items

A. Status Update on the Activities Related to the Preparation of the Groundwater Sustainability Plan

1. Status Update on the Administrative Draft of the Groundwater Sustainability Plan

2. Discussion Regarding the Draft Resolution to Adopt the Groundwater Sustainability Plan

3. Discussion Regarding the Release Date of the Public Draft of the Groundwater Sustainability Plan

B. Discussion Regarding the Format for the Second Community Engagement Meeting

C. Consider Proposal from Dudek to Prepare 2022 Annual Report for the Yucaipa Subbasin

D. Status Update on the Yucaipa-SGMA Data Management System

VII. Topics for Future Meetings

VIII. Comments by Board of Directors

IX. Announcements - Future Meetings

- A. Public Engagement Meeting and Workshop - To Be Determined
- B. Board Meeting - Wednesday, January 26, 2022 at 10:30 am

X. Adjournment

MINUTES OF THE YUCAIPA SUSTAINABLE GROUNDWATER MANAGEMENT AGENCY

Workshop Meeting – August 11, 2021 - 10:30 a.m. -- Online Meeting --

On March 4, 2020, Governor Gavin Newsom declared a State of Emergency resulting from the threat of COVID-19 and issued Executive Order N-25-20 (3-12-20) and Executive Order N-29-20 (3-17-20) which temporarily suspend portions of the Brown Act relative to conducting public meetings. Subsequent thereto, Governor Newsom issued Executive Order N-33-20 (3-19-20) ordering individuals to stay at home or at their place of residence. Accordingly, it has been determined that meetings of the Yucaipa Sustainable Groundwater Management Agency will be held via teleconference. There will be no public access to the meeting venue.

- I. Call to Order - Chairman Mark Iverson called the meeting to order at 10:30 a.m.
- II. Roll Call - The following representatives, as assigned by each Party, attended the meeting:

Purveyors	Present	Primary Representative	Present	Alternative Representative
South Mesa Water Company	✓	David Armstrong	_____	George Jorritsma
South Mountain Water Company	✓	George Hanson	_____	Rolland Moore
Western Heights Water Company	✓	Mark Iverson	✓	Tim Green
Yucaipa Valley Water District	✓	Joseph Zoba	✓	Jennifer Ares
Municipals				
City of Redlands	✓	Cecilia Griego	_____	Kevin Watson
City of Yucaipa	_____	Ray Casey	_____	Fermin Preciado
Regionals				
San Bernardino Valley MWD	✓	Bob Tincher	✓	Matt Howard
San Gorgonio Pass Water Agency	_____	Lance Eckhart	_____	Thomas Todd
Stakeholders				
County of Riverside	_____	Steve Horn	_____	Jeff Johnson
County of San Bernardino	_____	Bob Page	_____	
City of Calimesa	_____	Bonnie Johnson	_____	

A quorum of the Board of Directors was present to start the meeting.

In addition to the Board of Directors identified above, the following members of the public were registered as attending the meeting:

- Madeline Blua, Yucaipa Valley Water District
- Derek Hoffman, Gresham Savage representing South Mesa Water Company
- Joyce McIntire - Yucaipa Valley Water District
- Adekunle Ojo, San Bernardino Valley Municipal Water District

- Steve Stuart, Dudek

III. Public Comments

None

IV. Correspondence

None

V. Review and Approval of Minutes

A. July 28, 2021 - Workshop Meeting

Tim Green moved to approve the board meeting minutes for July 28, 2021.

Bob Tincher seconded the motion.

South Mesa Water Company	Yes
South Mountain Water Company	Yes
Western Heights Water Company	Yes
Yucaipa Valley Water District	Yes
City of Redlands	Abstain
City of Yucaipa	Absent
San Bernardino Valley MWD	Yes
San Gorgonio Pass Water Agency	Absent

VI. Discussion Items

A. Status Update Regarding Draft Chapters 1-5 of the Groundwater Sustainability Plan

Steve Stuart provided an overview of the following draft chapters of the Groundwater Sustainability Plan

- Chapter 1 - Introduction of the Groundwater Sustainability Agency and the Plan Area
- Chapter 2 - Basin Understanding
- Chapter 3 - Sustainability Criteria
- Chapter 4 - Management Actions and Projects
- Chapter 5 - Plan Implementation

The Administrative draft documents will be available on August 31, 2021 through the SharePoint system for internal review.

B. Status Update on the Activities Related to the Preparation of the Groundwater Sustainability Plan

1. Discussion Regarding the Proposed Groundwater Sustainability Plan Implementation and Fee Structure

Steve Stuart discussed the distribution of MOA Shared costs, Rolling Pumping Credits, and Supplemental Water Accounting as part of the Yucaipa SGMA conceptual fee structure.

The MOA Shared Cost Structure will distribute routine expenses proportionally based on the original Memorandum of Agreement between the Parties. Steve Stuart will provide a separate memorandum and agenda item related to the first-year annual expenses for approval by the Yucaipa SGMA members.

Steve Stuart discussed current funding opportunities from Proposition 68 through the Department of Water Resources for proposed projects.

Steve Stuart discussed the Rolling Pumping Credits based on a five-year rolling credit method. Information was provided for each of the purveyors.

Steve Stuart discussed the Supplemental Water Accounting methodology for the accumulation of groundwater stored in the Yucaipa Basin.

2. Discussion Regarding the Proposed Pumping Credits for the North Bench, Western-Heights, Calimesa, and San Timoteo Management Areas

Steve Stuart discussed the anticipated future f-year pumping credit and replenishment fees for future years using recent groundwater extraction data. Information was provided for each water purveyor in each Management Area.

3. Discussion Regarding the Supplemental SWP Recharge Accounting

Steve Stuart discussed the concept and methodology for the accounting of supplemental water recharge in the Yucaipa Basin.

C. Status Update on the USGS Numerical Model Report

The United States Geological Survey provided a copy of the numerical model in May 2021. This information provided a revised estimate for the sustainable yield and confirmation that the future projections meet the expected calculations.

D. Status Update on the Data Management System Development

Matt Palavido will be setting up individual meetings with each agency during the week of August 16, 2021, to discuss water levels, water production, and precipitation in the Yucaipa Basin.

VII. Topics for Future Meetings - Suggested meeting dates are provided below and will be adjusted based on the progress of each topic.

- Discussion regarding potential projects to be included in the groundwater model and the Groundwater Sustainability Plan
- Overview of Draft Chapter 1, Draft Chapter 2, Draft Chapter 3, Draft Chapter 4, and Draft Chapter 5.
- Development of San Geronio Pass Water Agency replenishment fees.

VIII. Comments by the Board of Directors

None

IX. Announcements

The next scheduled meeting of the Yucaipa Sustainable Groundwater Management Agency will be a workshop meeting on Wednesday, August 25, 2021, at 10:30 am.

X. Adjournment - The meeting was adjourned at 11:30 pm.

MINUTES OF THE YUCAIPA SUSTAINABLE GROUNDWATER MANAGEMENT AGENCY

Workshop Meeting – August 25, 2021 - 10:30 a.m. - - Online Meeting - -

On March 4, 2020, Governor Gavin Newsom declared a State of Emergency resulting from the threat of COVID-19 and issued Executive Order N-25-20 (3-12-20) and Executive Order N-29-20 (3-17-20) which temporarily suspend portions of the Brown Act relative to conducting public meetings. Subsequent thereto, Governor Newsom issued Executive Order N-33-20 (3-19-20) ordering individuals to stay at home or at their place of residence. Accordingly, it has been determined that meetings of the Yucaipa Sustainable Groundwater Management Agency will be held via teleconference. There will be no public access to the meeting venue.

- I. Call to Order - Chairman Mark Iverson called the meeting to order at 10:30 a.m.
- II. Roll Call - The following representatives, as assigned by each Party, attended the meeting:

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South Mesa Water Company	✓	David Armstrong		George Jorritsma
South Mountain Water Company		George Hanson		Rolland Moore
Western Heights Water Company	✓	Mark Iverson	✓	Tim Green
Yucaipa Valley Water District	✓	Joseph Zoba	✓	Jennifer Ares
Municipals				
City of Redlands	✓	Cecilia Griego		Kevin Watson
City of Yucaipa		Ray Casey		Fermin Preciado
Regionals				
San Bernardino Valley MWD	✓	Bob Tincher	✓	Matt Howard
San Gorgonio Pass Water Agency		Lance Eckhart		Thomas Todd
Stakeholders				
County of Riverside		Steve Horn		Jeff Johnson
County of San Bernardino		Bob Page		
City of Calimesa		Bonnie Johnson		

A quorum of the Board of Directors was present to start the meeting.

In addition to the Board of Directors identified above, the following members of the public were registered as attending the meeting:

- Madeline Blua, Yucaipa Valley Water District
- Derek Hoffman, Gresham Savage representing South Mesa Water Company
- Joyce McIntire - Yucaipa Valley Water District
- Adekunle Ojo, San Bernardino Valley Municipal Water District

- Steve Stuart, Dudek

III. Public Comments

None

IV. Correspondence

None

V. Discussion Items

A. Presentation – Update on the Yucaipa-SGMA Data Management System

Matthew Palavido provided an overview of the Yucaipa-SGMA Data Management System. Meetings are currently being scheduled with all of the member agencies. New features have been added to the Data Management System that includes additional attributes for groundwater wells, precipitation, and stream flow data.

B. Status Update on the Activities Related to the Preparation of the Groundwater Sustainability Plan

1. Discussion Regarding the Proposed Groundwater Sustainability Plan Implementation and Fee Structure

Steve Stuart provided an overview of the anticipated annual cost that should be expected following the adoption of the Groundwater Sustainability Plan. The estimated costs will involve annual upfront costs (administration, public engagement, GSP reports, and DMS management) and annual operational costs (monitoring programs, groundwater level, production, water quality, well maintenance, streamflow monitoring). These costs can be reviewed and adjusted each year to determine the level of effort desired for each element.

2. Discussion Regarding the Proposed Accounting for Supplemental Water

Steve Stuart discussed the accounting for the recharge of supplemental water added to each Management Zone. The Board discussed the concept of an annual loss rate but there was no consensus reached by the member agencies.

3. Discussion Regarding the Data Monitoring Protocols

Steve Stuart discussed the protocols for collecting groundwater level, groundwater production, and groundwater quality data. The data will need to be collected pursuant to Department of Water Resources protocols, California Statewide Groundwater Elevation Monitoring (CASGEM) procedures, and Maximum Benefit Monitoring methodologies.

Steve Stuart shared sample data collection forms that intend to be used for the collection of data.

C. Discussion Regarding the Second Community Engagement Meeting

Based on the current schedule, Steve Stuart discussed the need to schedule a public engagement meeting in November 2021 following the release of the draft Groundwater Sustainability Plan. This will provide sufficient time to review and incorporate the pertinent comments into the final Groundwater Sustainability Plan.

VI. Topics for Future Meetings - Suggested meeting dates are provided below and will be adjusted based on the progress of each topic.

- Discussion regarding potential projects to be included in the groundwater model and the Groundwater Sustainability Plan
- Overview of Draft Chapter 1, Draft Chapter 2, Draft Chapter 3, Draft Chapter 4, and Draft Chapter 5.
- Development of San Gorgonio Pass Water Agency replenishment fees.

VII. Comments by the Board of Directors

None

VIII. Announcements

The next scheduled meeting of the Yucaipa Sustainable Groundwater Management Agency will be a workshop meeting on Wednesday, September 22, 2021, at 10:30 am.

IX. Adjournment - The meeting was adjourned at 11:30 am.

MINUTES OF THE YUCAIPA SUSTAINABLE GROUNDWATER MANAGEMENT AGENCY

Workshop Meeting – September 22, 2021 - 10:30 a.m. -- Online Meeting --

On March 4, 2020, Governor Gavin Newsom declared a State of Emergency resulting from the threat of COVID-19 and issued Executive Order N-25-20 (3-12-20) and Executive Order N-29-20 (3-17-20) which temporarily suspend portions of the Brown Act relative to conducting public meetings. Subsequent thereto, Governor Newsom issued Executive Order N-33-20 (3-19-20) ordering individuals to stay at home or at their place of residence. Accordingly, it has been determined that meetings of the Yucaipa Sustainable Groundwater Management Agency will be held via teleconference. There will be no public access to the meeting venue.

- I. Call to Order - Chairman Mark Iverson called the meeting to order at 10:30 a.m.
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Western Heights Water Company	✓	Mark Iverson	✓	Tim Green
Yucaipa Valley Water District	✓	Joseph Zoba	✓	Jennifer Ares
Municipals				
City of Redlands	✓	Cecilia Griego	_____	Kevin Watson
City of Yucaipa	_____	Ray Casey	✓	Fermin Preciado
Regionals				
San Bernardino Valley MWD	✓	Bob Tincher	✓	Matt Howard
San Gorgonio Pass Water Agency	✓	Lance Eckhart	_____	Thomas Todd
Stakeholders				
County of Riverside	_____	Steve Horn	_____	Jeff Johnson
County of San Bernardino	_____	Bob Page	_____	
City of Calimesa	_____	Bonnie Johnson	_____	

A quorum of the Board of Directors was present to start the meeting.

In addition to the Board of Directors identified above, the following members of the public were registered as attending the meeting:

- Nick Calero, Senator Ochoa Bogh's Staff Member
- Sam Fuller, South Mountain Water Company
- Derek Hoffman, Gresham Savage representing South Mesa Water Company
- Paul Kielhold - San Bernardino Valley Municipal Water District

- Joyce McIntire - Yucaipa Valley Water District
- Mike Podegracz, Charles Abbott Associates representing the City of Yucaipa
- Steve Stuart, Dudek

III. Public Comments

None

IV. Correspondence

None

V. Discussion Items

A. Status Update on the Activities Related to the Preparation of the Groundwater Sustainability Plan

1. Discussion Regarding the Inclusion of Well Completion Reports

Chapter 3 of the Groundwater Sustainability Plan discusses sustainability criteria and the potential for land subsidence. Steve Stuart presented information about the potential for land subsidence, but it is unlikely compared to the risk of tectonic activity. Steve Stuart asked for direction whether to provide well ownership information in the appendix to the Groundwater Sustainability Plan.

There was a consensus that well ownership should be redacted in a manner similar to how well log information is provided by the Department of Water Resources.

2. Discussion Regarding the Proposed Management Actions

Steve Stuart discussed shifting the Measurable Objective to the historic low in the Calimesa and Western Heights Management Areas.

The Measurable Objective for the Calimesa Management Area was originally established at 800,000 acre feet and the historical low was 798,600 acre feet. Steve Stuart proposes to close the gap of 1,400 acre feet by shifting the Measurable Objective to 798,600 acre feet.

The Measurable Objective for the Western Heights Management Area was originally established at 409,300 acre feet and the historical low was 408,800 acre feet. Steve Stuart proposes to close the gap of 500 acre feet by shifting the Measurable Objective to 408,800 acre feet.

There was a general consensus to shift the Measurable Objective for both Management Areas as proposed by Steve Stuart.

Steve Stuart recommended to set Management Action #1 based on falling water levels below respective thresholds at 50% or more of the

Representative Monitoring Points for two consecutive years. There was a general consensus to review the text of Chapter 4 to see if there are other options to set the trigger for Management Action #1.

3. Discussion Regarding the Proposed Accounting for Supplemental Water

Steve Stuart provided information about the annual loss rate for the recharge of supplemental water. By studying the recharge of supplemental water at the Wilson Creek Spreading Basins, the model showed that there was little to no losses over time.

There was a general consensus that there is no loss applied to the percolation of supplemental water. This item may be studied more in the future.

4. Discussion Regarding the Proposed Fee Structure

Steve Stuart provided estimated costs for the implementation of the Groundwater Sustainability Plan. The estimated annual upfront cost is \$100,000 plus an estimated annual operational time and material cost of \$70,000.

B. Discussion Regarding the Release of the Public Draft of the Groundwater Sustainability Plan

Steve Stuart is asking for comments back by October 8, 2022 for the administrative draft documents. The public draft is scheduled for release on October 22, 2021 which will be discussed at the next Yucaipa Sustainable Groundwater Management Agency meeting on October 27, 2021.

Each member agency is requested to adopt a resolution approving the Groundwater Sustainability Plan during the month of December 2021.

C. Discussion Regarding the Second Community Engagement Meeting

A public engagement meeting will be scheduled on November 17, 2021 together with a meeting of the Yucaipa Sustainable Groundwater Management Agency to provide direction to Dudek if needed.

D. Discussion Regarding the Schedule for the Final Preparation of the Groundwater Sustainability Plan

Steve Stuart provided an overview of the proposed schedule for finalizing the Groundwater Sustainability Plan. The Groundwater Sustainability Plan is on schedule to be completed and submitted to the California Department of Water Resources by January 31, 2022.

- VI. Topics for Future Meetings - Suggested meeting dates are provided below and will be adjusted based on the progress of each topic.
- Discussion regarding potential projects to be included in the groundwater model and the Groundwater Sustainability Plan
 - Overview of Draft Chapter 1, Draft Chapter 2, Draft Chapter 3, Draft Chapter 4, and Draft Chapter 5.
 - Development of San Gorgonio Pass Water Agency replenishment fees.
- VII. Comments by the Board of Directors
- None
- VIII. Announcements
- The next scheduled meeting of the Yucaipa Sustainable Groundwater Management Agency will be a board meeting on Wednesday, October 27, 2021, at 10:30 am.
- A public engagement and workshop meeting will be held on Wednesday, November 17, 2021.
- IX. Adjournment - The meeting was adjourned at 11:50 am.