



**Fillmore and Piru Basins**  
Groundwater Sustainability Agency

**Special Board of Directors  
Meeting Thursday  
April 1, 2021  
5:00 p.m.**

**In accordance with the California Governor's Executive Stay at Home Order and the County of Ventura Health Officer Declared Local Health Emergency and Be Well at Home Order resulting from the novel coronavirus (COVID-19), the Fillmore City Hall is closed to the public. Therefore, the FPB GSA will be holding its Regular Board of Directors meeting virtually using the ZOOM video conferencing application.**

**If you are new to ZOOM video conferencing, please visit this help page in advance of the meeting date and time:**  
<https://support.zoom.us/hc/en-us/articles/201362193-How-Do-I-Join-A-Meeting->

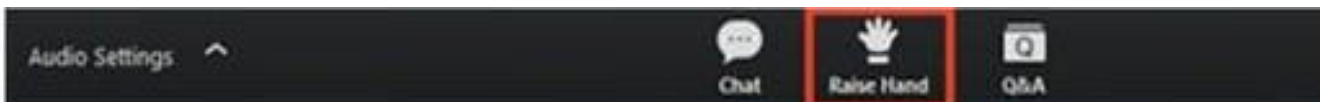
**To participate in the Board of Directors meeting via Zoom, please access:**  
<https://us02web.zoom.us/j/86718766246?pwd=eFNac0xVWEh2dXlBUHFkRkpsMkVtZz09>  
Meeting ID: **867 1876 6246** Password: **799911**

To hear just the audio portion of the meeting, phone into the toll-free number 877 853 5247 (Toll Free)  
Meeting ID: **867 1876 6246**

All participants are asked to join the meeting at least five minutes in advance of the 5pm start time and be aware that all participants will be "muted" until recognized by the host. If your computer has a camera, please enable it so we can ensure better engagement between participants.

If you would like to address the Board with a question or offer a comment, please follow these simple instructions to engage the host (Clerk of the Board):

1. During a meeting, click on the icon labeled "Participants" at the bottom center of your computer screen.
2. At the bottom of the window on the right side of the screen, click the button labeled "Raise Hand."
3. Once you've been recognized by the Chair, please click on "Raise Hand" again to remove the signal.



Similarly, if you have a comment or question for the Board, you can use the "Chat" button to convey your question or comment to the HOST, who will put you in line to address the Board.

**The Fillmore and Piru Basins GSA Board of Directors appreciates your participation and patience in using Zoom to conduct its public meeting.**

## **AGENDA**

### **1. CALL TO ORDER**

**1A Pledge of Allegiance**

**1B Directors Roll Call**

### **1C Public Comments**

Fillmore and Piru Basins Groundwater Sustainability Agency (Agency) will accept public comment concerning agenda items at the time the item is considered and on any non-agenda item within the jurisdiction of the Board during the agendaized Public Comment period. No action will be taken by the Board on any non-agenda item. In accordance with Government Code § 54954.3(b)(1), public comment will be limited to three (3) minutes per speaker per issue.

### **1D Approval of Agenda Motion**

## **2. STAKEHOLDER WORKSHOP**

### **2A Board of Directors Opening Statements**

### **2B Stakeholder Input on Draft Groundwater Dependent Ecosystems Technical Memorandum**

#### **Informational**

The Board will receive stakeholder input on the draft Groundwater Dependent Ecosystems Technical Memorandum.

### **2C Stakeholder Input on Draft Sustainable Management Criteria Matrix**

#### **Informational**

The Board will receive a brief presentation on the draft Sustainable Management Criteria Matrix from Daniel B. Stephens & Associates team.

- Groundwater Levels
- Groundwater Storage
- Land Subsidence
- Surface Water Depletion
- Water Quality

### **2D Stakeholder Input on Draft Sustainable Management Criteria Matrix**

#### **Informational**

The Board will receive stakeholder input on the Draft Sustainable Management Criteria Matrix.

## **3. MOTION ITEMS**

### **3A Sustainable Management Criteria Development**

#### **Motion**

The Board will consider approval of a Sustainable Management Criteria matrix for use in developing the draft Groundwater Sustainability Plans.

## **FUTURE TOPICS FOR BOARD DISCUSSION**

## ADJOURNMENT

The Board will adjourn to the next **Regular Board Meeting** on Thursday, **April 15, 2021** or call of the Chair

*Materials, which are non-exempt public records and are provided to the Board of Directors to be used in consideration of the above agenda items, including any documents provided subsequent to the publishing of this agenda, are available for inspection at UWCD's offices at 1701 N. Lombard Street in Oxnard during normal business hours.*

*The Americans with Disabilities Act provides that no qualified individual with a disability shall be excluded from participation in, or denied the benefits of, the District's services, programs or activities because of any disability. If you need special assistance to participate in this meeting, or if you require agenda materials in an alternative format, please contact the UWCD Office at (805) 525-4431 or the City of Fillmore at (805) 524-1500. Notification of at least 48 hours prior to the meeting will enable the District to make appropriate arrangements.*

Approved:   
Board Chair Kelly Long

Posted: (date) (time) (attest) *Eva Ibarra*  
At: <https://www.FPBGSA.org>

Posted: (date) (time) (attest) *Eva Ibarra*  
At: <https://www.facebook.com/FPBGSA/>

Posted: (date) (time) (attest) *Eva Ibarra*  
At: UWCD, 1701 N. Lombard Street, Oxnard CA 93030



**Item No.**        **2 Informational Item**

**DATE:**         **March 26, 2021 (for April 1, 2021 meeting)**

**TO:**             **Board of Directors**

**FROM:**         **Anthony A. Emmert, Executive Director**

**SUBJECT:**      **Stakeholder Workshop**

**RECOMMENDATION:**

The Board will receive stakeholder input on the draft Groundwater Dependent Ecosystems Technical Memorandum and draft Sustainable Management Criteria matrix.

**STAKEHOLDER WORKSHOP**

The Board will hold a stakeholder workshop that will include the following:

**A. Stakeholder Input on Draft Groundwater Dependent Ecosystems**

The Board will receive stakeholder input on the draft Groundwater Dependent Ecosystems Technical Memorandum.

**B. Presentation on Draft Sustainable Management Criteria Matrix**

The Board will receive a brief presentation on the draft Sustainable Management Criteria matrix from Daniel B. Stephens & Associates.

**C. Stakeholder Input and Discussions on Draft Sustainable Management Criteria Matrix**

The Board will receive stakeholder input on the draft Sustainable Management Criteria matrix.

- Groundwater Levels
- Groundwater Storage
- Land Subsidence
- Surface Water Depletion
- Water Quality

**SUPPORTING DOCUMENTS**

The following supporting documents can be found on the Agency's website at: [www.fpbgsa.org](http://www.fpbgsa.org)

- Groundwater Dependent Ecosystems Technical Memorandum
- Presentation on Groundwater Dependent Ecosystems
- Comment Letter from the Environmental Organizations on the Groundwater Dependent Ecosystems Technical Memorandum (Pending)

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- Comment Letter from the California Department of Fish and Wildlife on the Groundwater Dependent Ecosystems Technical Memorandum (Pending)
- Subsidence Technical Memorandum
- Comment Letter from the Fillmore Basin Pumpers Association and Piru Basin Pumpers Association on the Subsidence Technical Memorandum
- Comment Memorandum from the County of Ventura on the Subsidence Technical Memorandum
- Presentation on Draft Sustainable Management Criteria Matrix



**Item No.**        **3A Motion Item**

**DATE:**        March 26, 2021 (for April 1, 2021 meeting)

**TO:**            Board of Directors

**FROM:**        Anthony Emmert, Executive Director

**SUBJECT:**     **Sustainable Management Criteria**

**SUMMARY:**

The Agency will continue to develop its Sustainable Management Criteria with the assistance of its Daniel B. Stephens and Associates consultant team. The focus of the discussion will be review of an updated draft Sustainable Management Criteria matrix, with the objective of finalizing the matrix during the April 1, 2021 special meeting or the April 15, 2021 meeting.

**RECOMMENDATION:**

The Board will consider approval of a draft Sustainable Management Criteria matrix for use in developing the draft Groundwater Sustainability Plans.

**BACKGROUND**

At the November 4, 2020 special meeting, the Daniel B. Stephens & Associates (DBS&A) team provided a presentation on the “Straw Man” Sustainable Management Criteria (SMC), with emphasis on the sustainability indicators: 1) chronic lowering of groundwater levels, 2) land subsidence, 3) degradation of water quality, and 4) reduction of groundwater storage. The Board agreed that the seawater intrusion sustainability indicator is not applicable to the Fillmore Basin or Piru Basin. The Board and stakeholders provided feedback to the DBS&A team regarding the Undesirable Results and Sustainability Goals and recommended that staff and DBS&A revise the groundwater sustainability planning schedule to lengthen the time that the Board and stakeholders can develop the SMC in a public process.

At the November 19, 2020 meeting, the DBS&A team provided a presentation on the “Stress-Test” model scenarios, illustrating the effects of potential future pumping increases during severe droughts and recoveries during subsequent wetter periods. The DBS&A team also presented a summary of the future conditions that it recommends including in the plans. The Board and stakeholders provided feedback to staff and consultants from presentations from the November 4 and November 19, 2020 meetings. DBS&A staff also provided the Board with an updated planning schedule that removed the administrative draft milestone and lengthened the stakeholder engagement period for development of the SMC.

During the December 17, 2020 meeting, DBS&A staff provided additional findings from the “Stress-Test” model scenarios, including correlation of observed stream flow with observed water levels in wells adjacent to rising groundwater areas; and provided a presentation on the

groundwater dependent ecosystems and impacts from recent drought periods and impacts of scouring from large flood events.

During the January 21, 2021 meeting, DBS&A staff presented observations from the recent 2070 future model run, using the California Department of Water Resources' (DWR) climate change factors. The observations included impacts of future droughts. Comparison of modeled water levels to bottom of well screen data indicated that no production water wells are projected to go dry during future droughts. Water level-stream flow cross over analysis showed that future droughts are projected to lead to reduction or cessation of rising groundwater in the Piru basin-Fillmore basin boundary zone within a relatively short time period. Water level-stream flow cross over analysis showed that future droughts are projected to lead to reduction of rising groundwater in the Fillmore basin-Santa Paula basin boundary zone over several years, but flows are unlikely to completely cease. DBS&A staff also presented a conceptual project to pump groundwater to augment stream flow in the Piru basin-Fillmore basin boundary area and associated riparian zone during multi-year droughts.

During the February 18, 2021 meeting, DBS&A reviewed the findings of the Land Subsidence Technical Memorandum, which is available for review on the Agency's website. The DBS&A team reviewed previous studies and information regarding subsidence and also used the recently completed 2070 groundwater model run that incorporated the DWR climate change factors. DBS&A's conclusion was that the risk of subsidence in the Piru and Fillmore basins is low. The DBS&A team also provided an update on its findings regarding water level-stream flow analysis, including a scenario in which shallow wells near the Santa Clara River were not pumped during severe drought periods, as a simulation of a potential management action that could be taken by the Agency during severe drought periods. The finding was that pumping of shallow wells near the river did have an impact on stream flow in the rising groundwater zones. However, DBS&A also found that not pumping those wells during projected future drought periods would delay but not prevent water level declines that would likely lead to cessation of rising groundwater stream flow at the Piru basin-Fillmore basin boundary zone and likely die-off of riparian plants. DBS&A also provided an updated matrix of Sustainable Management Criteria.

On March 10, 2021, Stillwater Sciences completed the Assessment of Groundwater Dependent Ecosystems for the Fillmore and Piru Basins Groundwater Sustainability Plans Technical Memorandum (GDE TM), and on March 11, 2021, the Agency posted the document on its website and distributed an email notice to stakeholders regarding the posting.

During the March 18, 2021 Agency Board meeting, Stillwater Sciences presented a summary of the GDE TM and DBS&A presented the updated draft SMC matrix. Stakeholders provided initial comments on the GDE TM and comments on the updated draft SMC matrix. To provide more time for stakeholder input, the Board set a special meeting for April 1, 2021, and requested that stakeholders submit their written comments by that date and be prepared to provide specific recommendations to the Board during the special meeting.

On April 1, 2021, the Board will receive stakeholder input regarding the GDE TM and the updated draft SMC. Following receiving input from stakeholders during the workshop portion of the meeting, the Board will discuss the draft SMC matrix and provide direction regarding any

edits to be made to the SMC matrix. The Agency’s objective for the meeting will be to finalize its draft SMC matrix. The Board will have the option of approving the final draft SMC matrix at the meeting or directing the DBS&A team to make additional edits and bring the matrix back for approval at the April 15, 2021 regular Board meeting.

For the Agency to maintain its groundwater sustainability planning schedule and produce Sustainable Groundwater Management Act (SGMA) compliant groundwater sustainability plans by December 2021, the Agency must finalize its draft SMCs by mid-April 2021.

**FISCAL IMPACT**

None.

**ATTACHMENTS**

None.

Proposed Motion:			
1 <sup>st</sup> : Director _____	2 <sup>nd</sup> : Director _____		
Voice/Roll call vote: Director Kimball:	Director Long:	Director McFadden	Director Meneghin:
Director Pace:	Director Villasenor:		