



**Fillmore and Piru Basins**  
Groundwater Sustainability Agency

**Board of Directors Meeting**  
**Thursday**  
**April 16, 2020 – 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-Joining-a-Meeting>

**To participate in the Board of Directors meeting via Zoom, please access:**

<https://zoom.us/j/612682496?pwd=WnNqTORnU1BIQnFHcmdOekNEOU1QQT09>

Meeting ID: 612 682 496

Password: FPBGSA

To hear just the audio portion of the meeting, phone into the toll-free number 877 853 5247

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 – First Open Session**

**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. Updates**

**2A Director Announcements/Board Communications:**

Oral Reports from the Board

**Fillmore Pumpers Association Stakeholder Director Update**

**Piru Pumpers Association Stakeholder Director Update**

**Environmental Stakeholder Director Update**

**City of Fillmore Member Director Update**

**United Water Conservation District Director Update**

**County of Ventura Director Update**

**2B Executive Director Update**

**Information Item**

The Executive Director will provide an informational update on Agency activities since the previous Board meeting of February 20, 2020.

**2C Legal Counsel Update**

**Information Item**

Legal Counsel will provide an informational update on Agency's legal issues and concerns since the previous Board meeting of February 20, 2020.

**2D GSP Consultant Update**

**Information Item**

Representatives from Daniel B Stephens & Associates and UWCD will provide an informational update on Agency's GSP development activities since the previous Board meeting of February 20, 2020.

**2E Board of Directors Oath of Office**

**Motion**

Each of the Member Directors and Stakeholder Directors will take an Oath of Office for the FPBGSA's administrative record.

**3. CONSENT CALENDAR**

All matters listed under the Consent Calendar are considered routine by the Board and will be enacted by one motion. There will be no separate discussion of these items unless a Board member pulls an item from the Calendar. Pulled items will be discussed and acted on separately by the Board. Members of the public who want to comment on a Consent Calendar item should do so under Public Comments. (ROLL CALL VOTE REQUIRED)

**3A Approval of Minutes**

The Board will consider approving the Minutes from the Board Meeting of February 20, 2020.

**3B Approval of Warrants**

The Board will consider approving the following invoices for payment:

Red Sky Productions	\$ 550.00	videotaping Stakeholder Workshop
County of Ventura IT	\$ 80.00	Jan and Feb webhosting
Daniel B Stephens & Assoc.	\$13,645.70	Dec 15-Jan 30 GSP Consulting
OMLO LLP	\$ 1,325.50	February legal services
UWCD	\$12,338.18	admin, finance and tech services
County of Ventura IT	\$ 64.34	Mar webhosting; domain renewal
Daniel B Stephens & Assoc.	\$38,196.79	Feb GSP Consulting
OMLO LLP	\$ 890.00	Jan and Mar legal services

**3C Monthly Financial Report**

The Board will receive a monthly profit and loss statement and balance sheet for the FPBGSA from UWCD's accounting staff.

**4. ACTION ITEMS**

**4A Request for Comment/Request for Waiver of Ventura County Water Well and Water Well Permit Prohibitions regarding 3836 Howe Rd, Piru, APN 057-0-010-110**

**Motion**

The Board will review and consider Ventura County Public Work's request for comment regarding waiving water well permit prohibitions for the property owners at 3836 Howe Road, Piru (APN 057-0-010-110).

**4B Draft Frequently Asked Questions Document**

**Motion**

The Board will review and consider approving the draft “Frequently Asked Questions” document for use at Stakeholder Workshops and for posting on the GSA’s website and social media sites in an effort to educate beneficial users and interested parties.

**4C Formation of Ad Hoc Committee to Develop Agency ‘s Draft Budget and Rates**

**Motion**

The Board will consider establishing an ad hoc committee to develop the draft Fiscal Year 2020-2021 budget and associated groundwater charges for consideration by the Board of Directors at a May 2020 budget workshop.

**4D Stakeholder Workshop**

**Motion**

The Board will review and provide direction for the canceled April 2, 2020 Stakeholder Workshop.

**5. INFORMATION ITEMS**

**5A Introduction to Sustainability Management Criteria**

**Information Item**

Daniel B. Stephens & Associates’ Tony Morgan will present information regarding the criteria for sustainable water management.

**FUTURE TOPICS FOR BOARD DISCUSSION**

**ADJOURNMENT**

The Board will adjourn to the next **Regular Board Meeting** on Thursday, **May 21, 2020** 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) April 10, 2020  
At: <https://www.FPBGSA.org>

(time)11:30a.m.

(attest) Kris Sofley

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**Posted: (date) April 10, 2020**

**(time)11:45a.m.**

**(attest) *Kris Sofley***

**At: <https://www.facebook.com/FPBGSA/>**

**Posted: (date) April 13, 2020**

**(time) 10a.m.**

**(attest) *Julie Latshaw***

**At: Fillmore City Hall, 250 Central Avenue, Fillmore CA 93015**



**Item No.** 2D GSP Consultant Update – Information Item

**DATE:** April 10, 2020

**TO:** Board of Directors

**FROM:** Tony Morgan, Daniel B. Stephens & Associates

**SUBJECT:** GSP Consultant Update

**SUMMARY**

Daniel B. Stephens & Associates (DBS&A) personnel will present a brief update on the GSP development process and review upcoming informational items to be discussed at future Board of Director meetings.

**RECCOMENDATION:**

Information item. No action required.

**BACKGROUND**

Daniel B. Stephens & Associates (DBS&A) personnel will present a brief update on the major ongoing GSP work items. The Board of Directors will be receive a preview of the informational items planned for upcoming meetings and a list of background or reference materials that relate to those items.

**FISCAL IMPACT**

None

**ATTACHMENTS**

None

## Item 2D - GSP Consultant Update

- Major Activities
- Board Discussion Topics / Schedule
- FAQs - Agenda Items 4B
- Stakeholder Engagement Workshop - Agenda Item 4D
- Intro to Sustainability Management Criteria - Agenda Item 5A



## Item 2D - GSP Consultant Update

### Major activities have included, for example:


- Board adoption of **Guiding Principles**;
- Completion of and Board of Director adoption of a **Communication and Engagement Plan (CEP)**;
- **Draft Sampling and Analysis Plan** prepared;
- **Monitoring Plan and Data Trends** analysis Technical Memorandum in progress;
- Analysis of **Subsidence Potential** (one of the six Sustainable Management Criteria) underway; and
- **Database Management System (DBMS)** in internal beta testing.



### Board Discussion Topics / Schedule

	Topic 1	Topic 2	Topic 3
<b>Mar-2020</b>	<del>Process &amp; Management Actions, content</del>	<del>Intro to Sustainable Management Criteria</del>	
<b>Apr-2020</b>	Intro to Sustainable Management Criteria	GDEs	
<b>May-2020</b>	Data Base Management System Update/Demo	GDEs	Management Areas
<b>Jun-2020</b>	GW model review (UWCD)	Management Areas	

- Proposed technical topics for discussion at Board meetings
- Introduction to important elements in the GSP
- References to suggested reading materials (e.g., DWR Best Management Practices or Guidance Documents) - resources on flash drive



### May 2020 Reference / Background Materials

Data Base Management System

Regulations - Article 3 Technical and Reporting Standards

- § 352.4 Data and Reporting Standards
- § 352.6 Data Management System
- § 354.40 Reporting Monitoring Data to the Department



## May 2020 Reference / Background Materials

### **GDEs are frequently addressed in the following sections of the Regulations:**

- § 351 Definitions
- § 354.8 Description of Plan Area
- § 354.10. Notice and Communication
- § 354.16. Groundwater Conditions
- § 354.18. Water Budget
- § 354.26. Undesirable Results
- § 354.28. Minimum Thresholds
- § 354.34. Monitoring Network
- § 354.38 Assessment and Improvement of Monitoring Network
- § 355.4 Criteria for Plan Evaluation
- § 355.8 Department Review of Annual Reports

## May 2020 Reference / Background Materials

<https://groundwaterresourcehub.org/what-are-gdes/importance-of-gdes/>

[https://groundwaterresourcehub.org/public/uploads/pdfs/GWR\\_Hub\\_GDE\\_Guidance\\_Doc\\_2-1-18.pdf](https://groundwaterresourcehub.org/public/uploads/pdfs/GWR_Hub_GDE_Guidance_Doc_2-1-18.pdf)

[https://groundwaterresourcehub.org/public/uploads/pdfs/TNC\\_NCdataset\\_BestPracticesGuide\\_2019.pdf](https://groundwaterresourcehub.org/public/uploads/pdfs/TNC_NCdataset_BestPracticesGuide_2019.pdf)

Questions ?





**Item No. 2E Board of Directors Oath of Office - Motion**

**DATE: April 10, 2020**

**TO: Board of Directors**

**FROM: Scott Nave, Legal Counsel**

**SUBJECT: Board of Directors Oath of Office**

**SUMMARY**

Members of the GSA, a JPA that is a distinct public entity, are required to take the oath of office in accordance with the Government Code and California Constitution.

**RECOMMENDATION:**

Have the Clerk of the Board administer the oath of office to the members of the Board of Directors as provided in the California Constitution.

**BACKGROUND**

Under Government Code section 6507, a JPA is a public entity distinct from the members of the JPA. Government Code 1360 says, "Unless otherwise provided, following any election or appointment and before any officer enters on the duties of his or her office, he or she shall take and subscribe the oath or affirmation set forth in Section 3 of Article XX of the Constitution of California." It is our belief the members of the GSA Board of Directors are public officials required to take the oath of office even if they have already taken the oath for their member agency.

**FISCAL IMPACT**

None

**ATTACHMENTS**

**A- Oath of Office**

Proposed Motion: "Motion to administer the Oath of Office to all Board members."

Director \_\_\_\_\_

2<sup>nd</sup>: Director \_\_\_\_\_

Voice/Roll call vote: Director Holmgrens:                      Director Kimball:                      Director Long:  
Director McFadden:                      Director Meneghin:                      Director Pace:



# Fillmore and Piru Basins

## Groundwater Sustainability Agency

Board of Directors

Oath of Office

“I, \_\_\_\_\_, do solemnly swear (or affirm) that I will support and defend the Constitution of the United States and the Constitution of the State of California against all enemies, foreign and domestic; that I will bear true faith and allegiance to the Constitution of the United States and the Constitution of the State of California; that I take this obligation freely, without any mental reservation or purpose of evasion; and that I will well and faithfully discharge the duties upon which I am about to enter.”



## Board of Directors Meeting

February 20, 2020

City Council Chambers, Fillmore City Hall  
250 Central Avenue, Fillmore, CA 93015

### MINUTES

#### **Directors Present**

Director Kelly Long, Chair  
Director Ed McFadden, Vice Chair/Secretary/Treasurer  
Director Tim Holmgren  
Director Gordon Kimball  
Director Candice Meneghin (arrived 5:34pm)  
Director Glen Pace

#### **Staff Present**

Anthony Emmert, executive director  
Scott Nave, legal counsel  
Kris Sofley, clerk of the board

#### **Public Present**

Lisa Ballin, Sacramento State CCP  
Bryan Bondy, Bondy Groundwater  
Emilio Cervantes, Jr., Five Points  
Dan Detmer, UWCD  
Zachary Hanson, UWCD  
Tim Moore, DBS&A  
Tony Morgan, DBS&A  
Robert Morris, FBPA/Morris Ranch  
George Reid  
Steve Zimmer

#### **1. Call to Order - First Open Session**

Chair Long called the meeting to order at 5pm.

##### **1A Pledge of Allegiance**

Chair Long led everyone in reciting the Pledge of Allegiance

##### **1B Directors Roll Call**

Chair Long, Vice Chair McFadden and Directors Holmgren, Kimball and Pace were present for the Directors Roll Call. Director Meneghin was not present, but arrived at the meeting at approximately 5:35p.m.

**1C Public Comments**

Chair Long asked if there were any public comments. None were offered.

**1D Approval of Agenda**

**Motion**

As Executive Director Emmert advised that he would be late to the meeting, the Board decided to move the Executive Director Update to the end of the agenda. Motion to approve the agenda with this one amendment, Vice Chair McFadden; Second, Director Kimball. Voice vote: five ayes (Holmgren, Kimball, Long, McFadden, Pace); none opposed; one absent (Meneghin). Motion carries unanimously.

**2. Updates**

**2A Director Announcements/Board Communications:**

**Fillmore Pumpers Association Stakeholder Director Update**

Director Kimball reported that the FPA Board was dark in February and that he wouldn't be available for the scheduled May 21 FPBGSA Board meeting.

**Piru Pumpers Association Stakeholder Director Update**

Director Pace reported that the PPA Board was dark in February and that he would be unavailable for the FPBGSA Board meeting in April.

**Environmental Stakeholder Director Update**

Director Meneghin was not present.

**City of Fillmore Member Director Update**

Director Holmgren stated that he had nothing to report.

**United Water Conservation District Director Update**

Vice Chair McFadden reported that United Water Conservation District would be hosting the Water Sustainability Summit on February 28 and encouraged everyone to participate.

**County of Ventura Director Update**

Chair Long reported her participation at the Piru Neighborhood Council Meeting and commented that the presentation on Lake Piru included documentation that the 15,000 acre foot water release from the lake had direct benefit to Piru and Fillmore basins due to percolation rates and that when water is released, even though it is intended to benefit basins in Oxnard, everyone benefits from these releases. She said the release was a reminder to all stakeholders of the benefits resulting from these efforts. She also reminded Board members that on March 10, from 7 to 9pm, there would be a "Water Talks" event at Piru Elementary.

**2B Executive Director Update**  
**Information Item**

The Executive Director advised that he would be late to the meeting, so this item was moved to the end of the agenda.

**2C Legal Counsel Update**  
**Information Item**

Legal Counsel reported that with the passing of Resolution 2020-01, adopting a Social Media policy, he had updated the FPBGSA bylaws. He also suggested that each of the Board Members take an Oath of Office at the next meeting for inclusion in the Agency's Administrative Record.

**2D GSP Consultant Update**  
**Information Item**

Tony Morgan of Daniel B Stephens & Associates discussed the schedule for upcoming meetings, including Projects and Management Actions which would be discussed in March, along with an Introduction of Sustainable Management Criteria. He stated that in April, the discussion would continue regarding Sustainable Management Criteria and would also include Groundwater Dependent Ecosystems (GDEs). Mr. Morgan also stated that there would be a review of the Communications and Engagement Plan and an agenda proposed for the upcoming April 2 Stakeholder Workshop.

**3. CONSENT CALENDAR**

All matters listed under the Consent Calendar are considered routine by the Board and will be enacted by one motion. There will be no separate discussion of these items unless a Board member pulls an item from the Calendar. Pulled items will be discussed and acted on separately by the Board. Members of the public who want to comment on a Consent Calendar item should do so under Public Comments. (ROLL CALL VOTE REQUIRED)

Clerk of the Board reported that Director Meneghin had emailed her with numerous changes to the Minutes from the January 16 Board meeting, but it was unclear if all were errors that needed to be corrected, omissions, or additional information the Director wanted included in the Minutes. The Board decided unanimously to extract item 3A from the Consent Calendar and hold the motion for that one item until Director Meneghin arrived at the meeting to provide clarification.

**3A Approval of Minutes**

The Board will consider approving the Minutes from the Board Meeting of January 16, 2020.

Motion to approve Consent Calendar items 3B and 3C, Director McFadden; Second, Director Kimball.  
Roll call vote: five ayes (Holmgren, Kimball, Long, McFadden, Pace); none opposed, one absent (Meneghin). Motion carries unanimously 5/0/1.

### **3B Approval of Warrants**

The Board will consider approving the following invoices for payment:

Olivarez Madruga Lemeiux O'Neill LLP	\$ 710.50
Daniel B. Stephens & Associates	\$20,865.94
U.S. Postal Service	\$ 254.00
City of Fillmore (rental of Veterans Memorial Bldg)	\$ 125.00

### **3C Monthly Financial Report**

The Board will receive a monthly profit and loss statement and balance sheet for the FPBGSA from UWCD's accounting staff.

## **4. ACTION ITEMS**

### **4A Draft Stakeholder Communications and Engagement Plan**

#### **Motion**

Consultant Lisa Ballin Board led the Board through a review of the Draft Stakeholder Communications and Engagement Plan that had been crafted by the ad hoc committee in collaboration with the Agency's consultants. Chair Long asked if there were any questions or comments from the Board.

Director Kimball called the Board's attention to page 6 of the draft document, to the last paragraph on the page, the portion of the sentence following the bolded Table 2. He said it appeared that the word "to" was missing from in front of "the FPBGSA."

Ms. Ballin went on to explain that Table 1 (page 8) was taken verbatim from DWR guidelines.

Director Kimball suggested that on page 9, in the second paragraph under FPBGSA Board meetings, the text should read "Information presented at Board Meetings, Public Forums and Workshops will also be presented and expanded upon at Stakeholder Workshops as described below."

Director Holmgren suggested that the first sentence in that same paragraph should state: "...will make presentations and hold public discussions and workshops on various aspects of GSP development." Ms. Ballin said that Board meetings are public forums.

Director Kimball suggested that Table 2 (page 9) should be added to the FPBGSA website's homepage as it provided options for the public to provide input to the Agency's GSPs. Vice Chair McFadden said there is a lot of good information on the Agency's



website. Ms. Ballin asked if the Agency used Twitter or Instagram and the Clerk of the Board replied that the Agency was only using Facebook.

On page 13, under the heading Consideration and Use of Public Input, on number 4, it was suggested that the text be changed to read: “The Agency will highlight public input received at each public meeting (questions and comments) in meeting minutes, which will be available on its website *when the minutes are approved*.”

At approximately 5:35p.m., Director Meneghin joined the meeting.

On Appendix A – Director Kimball asked that Santa Clara Elementary School District be added and a Chumash representative (Julie Tumamait-Stenslie, Tribal Chair of the Barbareño/Ventureño Band of Mission Indians (Chumash) was suggested by the Clerk of the Board). Director Kimball also pointed out that the Ventura County Fire Department was listed twice.

On Appendix E, #9, make the request for providing name, phone number and email optional and more prominent, and put it on both the front and back of the evaluation form.

Motion to approve the Draft Stakeholder Communications and Engagement Plan with the changes provided by the Board, Director McFadden; Second, Director Pace. Voice vote: six ayes (Holmgren, Kimball, Long, McFadden, Meneghin, Pace); none opposed. Motion carries unanimously 6/0.

#### **4B Agenda Outline for Stakeholder Workshop on April 2, 2020**

##### **Motion**

Board reviewed the Agenda Outline for the Stakeholder Workshop scheduled for April 2, 2020 at the Veterans’ Memorial Building in Fillmore with Ms. Ballin.

Director Pace said presentations should be five to 10 minutes and there should be an introduction explaining what the Agency has been doing. He said he would attend the Piru Neighborhood Council meeting on March 18 at 7pm and invite them to attend the workshop as well as a follow-up presentation on April 15 at the Piru Neighborhood Council. Clerk of the Board said she would reach out to Irene (Manny) to confirm participation.

Ms. Ballin said the agenda was for general framing, focusing on what the Agency is and why the Agency is doing the GSP and outreach and what ratepayers and stakeholders are getting for the money they’re paying.

Director Kimball asked that, under the bullet point “keep it simple” the language needs to change to say the Agency needs to manage and oversee groundwater, not regulate.

Under model presentation, first bullet, explain what the model is and *how* not why the GSA *will be using it*. Remove the third bullet re: Public input on planned and potential projects.

Mr. Morgan said the model would be used to run various scenarios to determine effect of projects. Chair Long said that wasn't in the budget, but maybe in the future.

Ms. Ballin went back to the agenda and said there were would be brief presentations with long questions and answer sessions.

Director Kimball said he thought it was risky to take questions. Vice Chair McFadden said it should be a judgement call based on reading the audience. Ms. Ballin suggested using comment cards for questions. Vice Chair McFadden suggested quickly announce the facts then take questions.

Ms. Ballin suggested a two-hour meeting then asked the Board to review the proposal submitted by Sky Productions for videotaping the workshop. Ms. Ballin also went through costs for translation/interpretation which was \$400 for the entire meeting and a minimum charge of \$235 if no one at the meeting required language assistance. Vice Chair McFadden suggested determining in advance of the meeting if anyone requested or required language assistance. Ms. Ballin suggested including language assistance on the flyer. Director Kimball suggested making the service available and then nobody has to be excluded or request it. Ms. Ballin suggested having the language service at the first meeting to see if ratepayers/stakeholders need this service.

Director Meneghin said the videographer's estimate for taping the workshop was \$550 (\$400 without editing) for viewing after the meeting. Ms. Ballin said that she suggested Facebook live stream/webinar but there is no Wi-Fi at Veterans Memorial and a hot spot would be questionable.

Chair Long departs at 6pm

Vice Chair McFadden suggested webcast only, no interaction. Ms. Ballin said that if the public were simply viewing the workshop, not interacting, it would simplify the recording.

Director Pace said the public could ask questions later which would avoid the live technical issues. The Board members discussed various scenarios for taping, live streaming the workshops. Director Pace preferred to record and post the video for viewing after the workshop. Director Kimball suggested paying for editing to include the PowerPoint presentations.

Motion to approve the plan for the Stakeholder Workshop, including the agenda and expenses, scheduled for April 2, 2020 at the Veterans' Memorial Building in Fillmore, Director Meneghin; Second, Director Holmgren. Voice vote: five ayes (Holmgren, Kimball, McFadden, Meneghin, Pace); none opposed; one absent (Long). Motion carries unanimously 5/0/1.

#### **4C Resolution 2020-01 Amending Agency Bylaws**

##### **Motion**

Legal counsel reported that the County's legal counsel was not required to approve or provide input regarding the Agency's bylaws, so the Board was free to consider approving Resolution 2020-01 amending the Agency's bylaws with Article 15 (Social Media policy).

Motion to adopt Resolution 2020-01 approving the amendment of the Agency's bylaws to include Article 15, Social Media Policy, Director Kimball; Second, Director Holmgren. Voice vote: five ayes (Holmgren, Kimball, McFadden, Meneghin, Pace); none opposed; one absent (Long). Motion carries unanimously 5/0/1.

### **5. INFORMATION ITEMS**

#### **5A Summary of Historical Water Budgets**

##### **Information Item**

UWCD's Dr. Zachary Hanson presented an historical overview of the area's water budgets (see attached presentation).

Director Meneghin asked if, in addition to the UWCD monitoring wells, did the Historical Water Budget include USGS gauges, to which Dr. Hanson replied yes. He went on to say that the last study done in the basins was in the 30s and 50s and that those studies provided a good idea as to what the basins are capable of. He then presented data from 1927 through to 2017. He also said that current numerical modeling, which is what United Water is doing now, will develop more rigorous water budgets for future use. He added that Water Budget components will be detailed in the documentation for the GSPs.

Vice Chair McFadden asked if there was room in the system, the available storage, for more water and what the difference in storage was between the two basins. Dr. Hanson explained there was useable storage and available storage and is relative to where you define the lowest limit of the basin. Dr. Hanson explained that a review of all previous basin conditions, wet conditions, droughts, state water purchases, basin boundary changes, the new boundaries were expanded which will impact budgets and will impact total acre feet capacity.

Director Meneghin asked how the Water Budget incorporates flow into Piru from Pyramid, the State Water facility, and if climate change is being adequately considered. Dr. Hanson said that he's thinking of those situations. Mr. Detmer from UWCD said that the water rights for State Water were owned by UWCD. Director Kimball said the GSP will be reviewed and potentially revised every five years and every ruling will impact the GSPs. Director Meneghin said they (UWCD?) have to release water for current conditions which could be a benefit to the Fillmore and Piru basins. Mr. Detmer said the District is looking at realistic scenarios but the discussion today is on historical data, wastewater discharges, planning advance treatment has taken Santa Clarita Valley 25 years, but he expects more

of that water will be recycled and once the water is cleaned up, it is likely to have a negative impact on the Fillmore and Piru basins.

Dr. Hanson explained that State Water was introduced to Santa Clarita Valley in 1980 and, along with urban growth, has impacted the downstream basins. Director Holmgren asked about current conditions and was interested in hearing about drilling up north of Fillmore and if that had an impact on Fillmore's water.

Tim Moore of DBS&A said that was addressed at earlier Board meetings and that he would get that information to Director Holmgren. Director Pace asked who prepares the water budget. Mr. Morgan said that Dr. Hanson was researching the historical data and that United Water would take the first cut at the technical budget. Director Pace asked about the first cut of the Water Budget and Mr. Morgan said there is historical, current, projected, which comes later in the process or later in the year, and the model which will be available at the end of May. Mr. Detmer added the historical calibration generates more data. Director Pace said the Agency needs the budget to make decisions. Mr. Morgan said that he didn't see a water budget anywhere in SGMA/GSP. He explained that it is a calibration approach as opposed to modeling, which is used to forecast and predict. He added that the budget is a realistic and reasonable tool to use to determine sustainability criteria.

Director Pace said the Board would need that information sooner and that he was anxious to see the data. Dr. Hanson said it would probably be late March or early April and could even be the end of May before the model was up and running and was able to post processing results as its calibration is still being checked. Vice Chair McFadden thanked Dr. Hanson stating that he provided a very good presentation.

Executive Director Emmert arrives at approximately 6:53p.m.

## **5B Monitoring Plan and Data Gaps presentation**

### **Information**

Daniel B. Stephens & Associates' Tim Moore presented on overview of the Agency's Monitoring Plan and Data Gaps (see attached presentation) and explained that he was in the process of writing a technical memorandum. He stated that Best Management Practices #2 included historical data sets and established monitoring sets in the technical memorandum components. He said the consultants would also be looking at chloride, sulfate and nitrate levels, County annual reports and try to find date to fill in the time and space gaps. He explained that the focus would be on groundwater levels and quality and the location of stream flow gaging. He said subsidence and ecological memos would be covered in another technical memorandum. He then explained the various slides in his presentation in relation to SGMA requirements.

Director Meneghin asked if they had identified which wells are probably abandoned. Mr. Moore replied that abandoned or old wells haven't been or were not permitted so it's hard to tell, and then pointed out that the wells that were destroyed were indicated on the chart.

Vice Chair McFadden asked if the County was actively pursuing proper destruction of wells. Mr. Moore completed his presentation and stated that next steps included drafting the technical memo, reviewing that internally and then passing it on to UWCD staff for their review and that it would be an appendix to the GSP. Director Meneghin asked if the Board would see a final version of the memo for its review and Mr. Morgan said information would be provided in various sessions and that the best available data was being used. He added that the Board decides if more aquifer specific information had a bearing on basing management.

Bryan Bondy, a consultant hired by the Pumpers Associations asked to make a comment. He stated that the principal aquifer in the GSP, the Board has discretion. He said the risk with DWR is that they're reasonable perspective, not basin, but aquifer with distinct zones. How much connection between the zones do they need to be managed separately? He said start with more generic details and tell the story to DWR. If monitoring is required, the GSP update can evaluate before the memo is finalized. It's a foundational item, take small steps back and reassess, including future costs. Data gaps and technical perspective, GSPs identify gaps in the sustainability criteria. He also asked where in the process is the opportunity for the stakeholders to provide input.

Director Kimball asked if dividing basins is too much and clarified by stating this is a policy question. Mr. Bondy said its an interface of technology and policy. Director Meneghin asked if there were pros and cons of the gap approaches. Director Pace said that the position from DBS&A was that there were three distinct basins or zones, then he restated saying, zones, layers, primary aquifer that technically it is all the same. Vice Chair McFadden said there are upper and lower aquifers and not a lot of water movement between them, different strata in one big bowl. Mr. Moore said with unconfined storage calculations and more additional data does it make sense to carve out distinct areas for this presentation and added that whether it's the final scheme is the Board's decision. Vice Chair McFadden said the difference is in connectivity. Mr. Moore said it is conditioned on 13 layers of the model and constructed in different ways to describe. Director Kimball said he worries about clearly defining certain layers that can be confined, adding that the Board doesn't call layers aquifers and then what impact does that have on monitoring. Vice Chair McFadden said it's the same bowl of water. Director Kimball said there needs to be a decision regarding the definition of what is an aquifer and what is not an aquifer. Director Pace agreed, stating that decision makes a big difference in work, especially regarding data gaps.

The Board addressed item 3A from the Consent Calendar, with a motion to approve the Minutes from the January FPBGSA Board meeting as amended, from Director Pace; Second, Director Meneghin. Voice vote: five ayes (Holmgren, Kimball, McFadden, Meneghin, Pace); none opposed; one absent (Long).

## **FUTURE TOPICS FOR BOARD DISCUSSION**

Suggestions from the Board regarding future Board discussion topics include: a presentation on “Safe Harbor” agreements; presentation of potential projects that make sense to the Board at some time in the future when the needs of the GSA are known and the Board can explore all the options out there; a schedule of deliverables from the consultants; explore if Santa Clara River Conservancy would be interested in collaborating on restoration projects.

## **ADJOURNMENT 7:54p.m.**

Vice Chair McFadden adjourned the meeting at 7:54p.m. to the next **Regular Board Meeting** on Thursday, **March 19, 2020** or call of the Chair.

ATTEST: \_\_\_\_\_  
Kelly Long, Chair, FPB GSA Board of Directors

I certify that the above is a true and correct copy of the minutes of the Fillmore and Piru Basins Groundwater Sustainability Agency’s Board of Directors meeting of February 20, 2020.

ATTEST: \_\_\_\_\_  
Kris Sofley, Clerk of the Board



**BOARD MEETING & PUBLIC HEARING**

**February 20, 2020 @ 5:00pm**

**City Council Chambers, Fillmore City Hall**

250 Central Avenue, Fillmore, CA 93015

Name: Zach Hanson

Organization: United Water

Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

Name: Bryan Bondy

Organization: BGC

Phone: 805

E-mail: bryan@bondygroundwater.com

Name: Tony Morgan

Organization: DBS & A

Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

Name: Den Detmer

Organization: UWCD

Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

Name: Steve Zimmer

Organization: \_\_\_\_\_

Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

Name: Tim Moore

Organization: DBS & A

Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

Name: Emilio Cervantes Jr.

Organization: Five Point Newhall

Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

Name: A Reid

Organization: \_\_\_\_\_

Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

Name: LISA BALLIN

Organization: San State CCY

Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

Name: ROBERT MURRIS

Organization: FBPA / MURRIS IRAMA

Phone: 805 231 4085

E-mail: FARMUR1303@I2ARTUCINE.NIN

# GSP Update

- Board Discussion Topics / Schedule
- Communication & Engagement Plan (CEP) - Agenda Items 4A
- Agenda Outline for Stakeholder Engagement Workshop (02Apr20) - Agenda Item 4B
- Summary of Historical Water Budgets - Agenda Item 5A
- Monitoring Plan and Data Gaps - Agenda Item 5B



**DBS&A**  
*Daniel B. Stephens & Associates, Inc.*



# Board Discussion Topics / Schedule

	<b>Topic 1</b>	<b>Topic 2</b>	<b>Topic 3</b>
<b>Feb-2020</b>	Water budget (historical data) (UWCD)	Monitoring Networks & Plan	Data Gaps
<b>Mar-2020</b>	<b>Projects &amp; Management Actions, cont'd</b>	<b>Intro to Sustainable Management Criteria</b>	
<b>Apr-2020</b>	<b>Sustainable Management Criteria, cont'd</b>	<b>GDEs</b>	

- Proposed technical topics for discussion at Board meetings
- Introduction to important elements in the GSP
- References to suggested reading materials (e.g., DWR Best Management Practices or Guidance Documents) - resources on flash drive



# Reference / Background Materials

Mar  
2020

- *BMP Sustainable Management Criteria*
- *CCR § 354.22 Introduction to Sustainable Management Criteria*



**DBS&A**  
*Daniel B. Stephens & Associates, Inc.*

# Reference / Background Materials - Feb 2020

- **BMP Sustainable Management Criteria**

[https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Sustainable-Groundwater-Management/Best-Management-Practices-and-Guidance-Documents/Files/BMP-6-Sustainable-Management-Criteria-DRAFT\\_ay\\_19.pdf](https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Sustainable-Groundwater-Management/Best-Management-Practices-and-Guidance-Documents/Files/BMP-6-Sustainable-Management-Criteria-DRAFT_ay_19.pdf)

- **CCR § 354.22 Introduction to Sustainable Management Criteria**

[https://govt.westlaw.com/calregs/Document/I86E380AB2D89470B951D8393BE80E831?viewType=FullText&originationContext=documenttoc&transitionType=CategoryPageItem&contextData=\(sc.Default\)](https://govt.westlaw.com/calregs/Document/I86E380AB2D89470B951D8393BE80E831?viewType=FullText&originationContext=documenttoc&transitionType=CategoryPageItem&contextData=(sc.Default))



**DBS&A**  
*Daniel B. Stephens & Associates, Inc.*

# Questions ?



**DBS&A**  
*Daniel B. Stephens & Associates, Inc.*

# Fillmore and Piru Basins: Summary of Historical Water Budgets

**Zach Hanson**, PhD, Assistant Hydrogeologist, United Water Conservation District

Fillmore and Piru Basins GSA Board of Directors Meeting  
Thursday, February 20, 2020



# Water Budget and SGMA/GSP Context

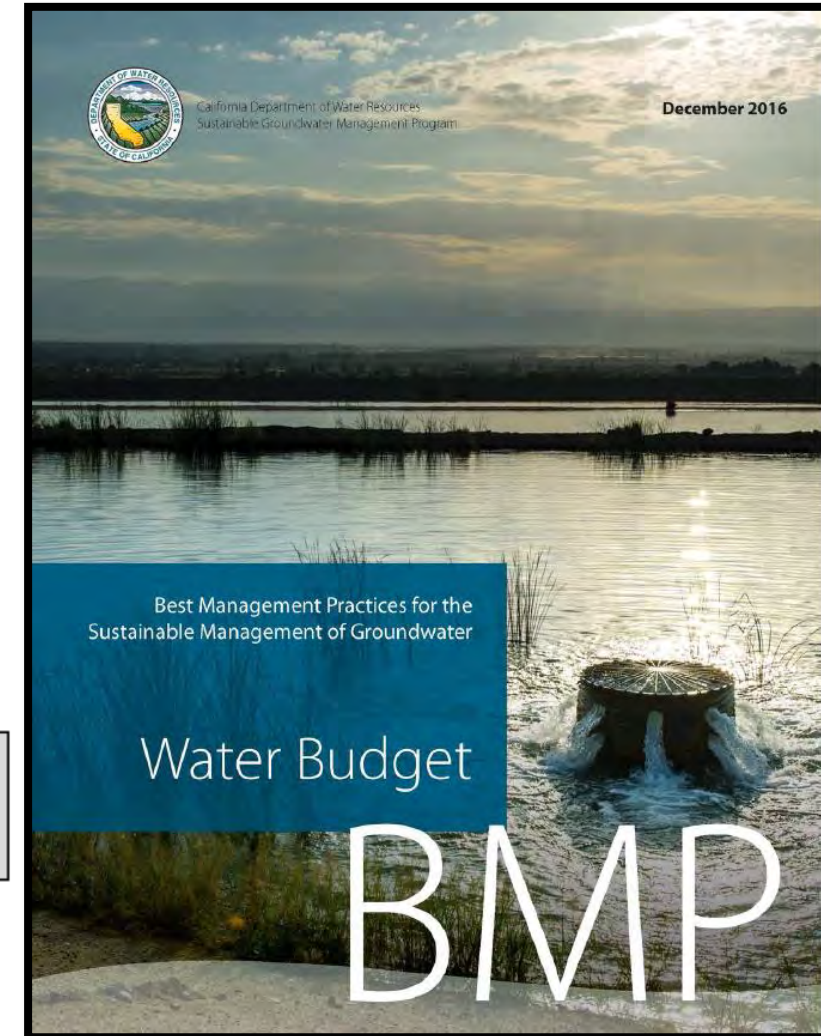
- CA Department of Water Resources (DWR)  
BMP #4 – Water Budget

<https://water.ca.gov/Programs/Groundwater-Management/SGMA-Groundwater-Management/Best-Management-Practices-and-Guidance-Documents>

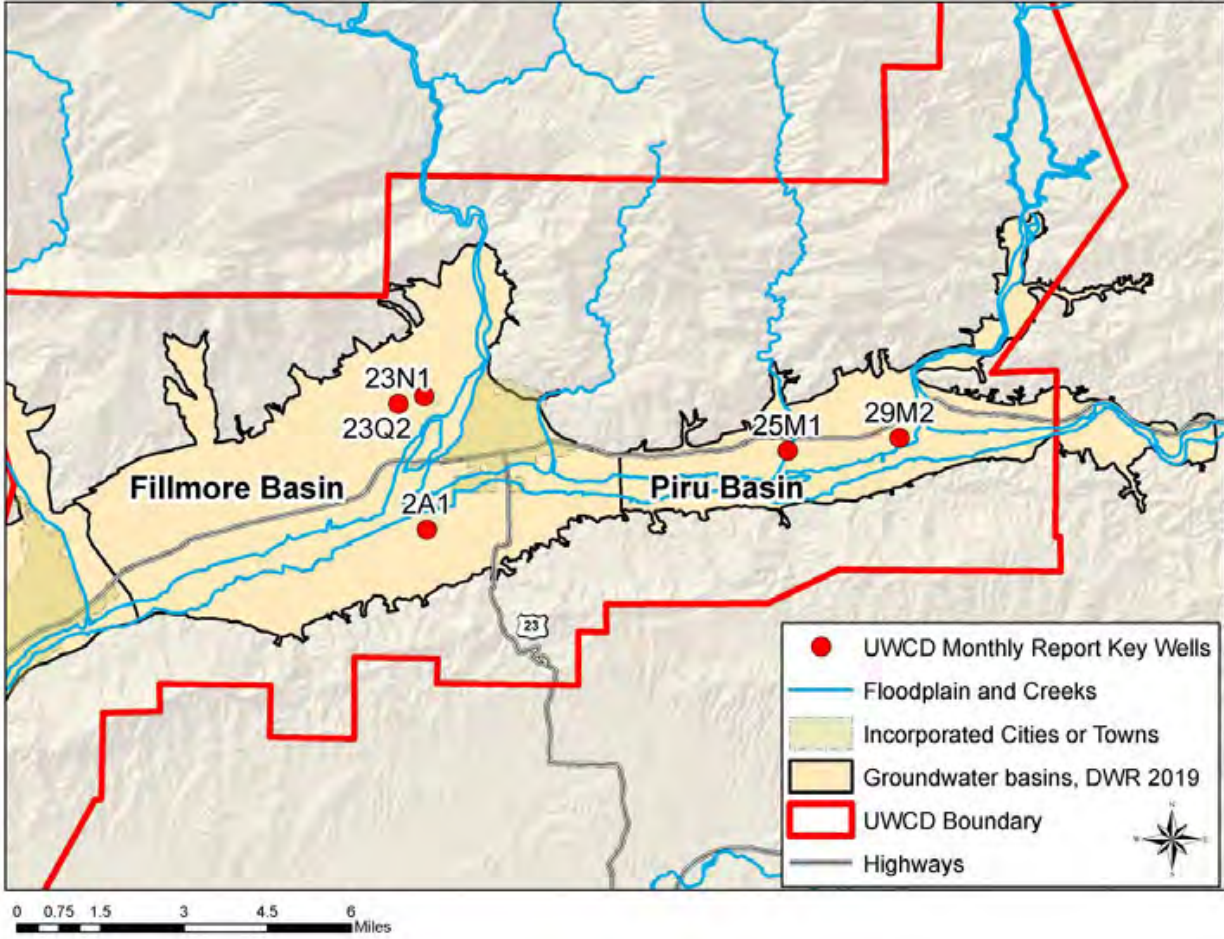
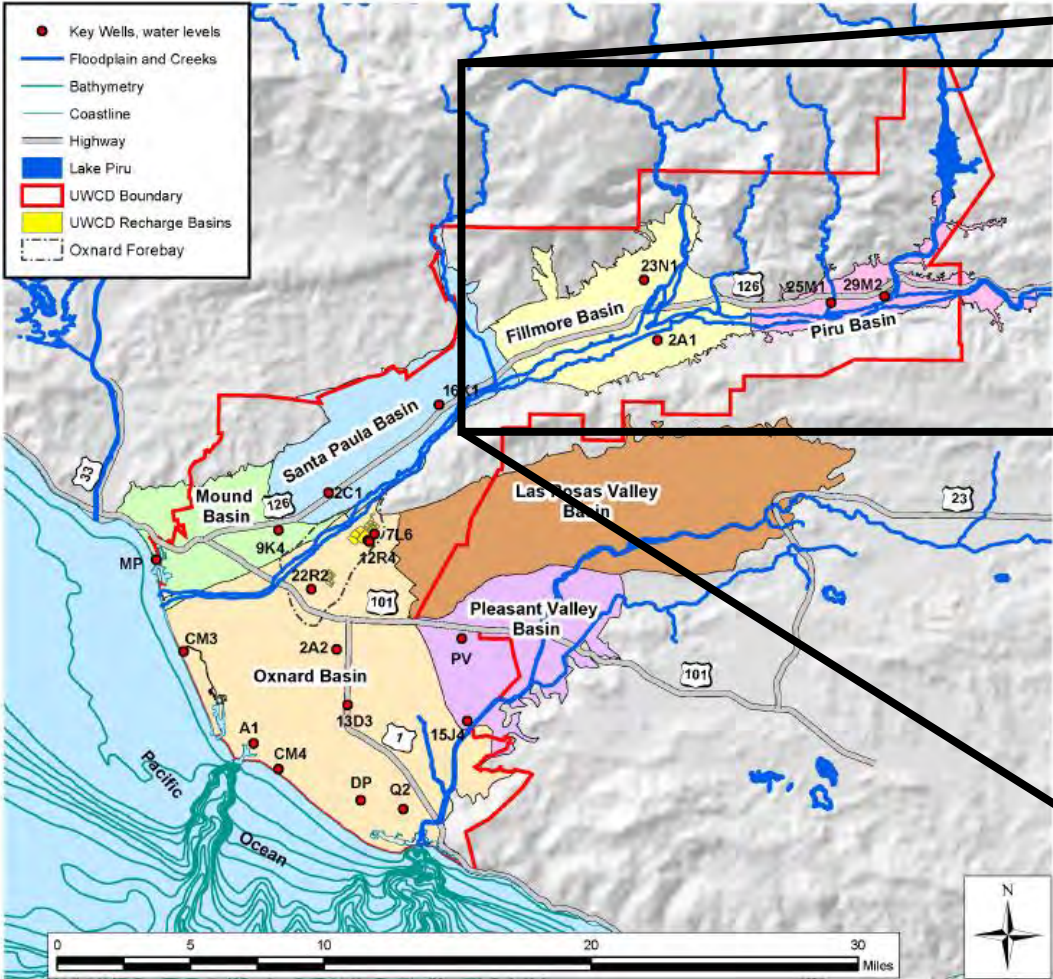
- California Code of Regulations (CCR)

[https://govt.westlaw.com/calregs/Document/I86E380AB2D89470B951D8393BE80E831?viewType=FullText&originationContext=documenttoc&transitionType=CategoryPageItem&contextData=\(sc.Default\)](https://govt.westlaw.com/calregs/Document/I86E380AB2D89470B951D8393BE80E831?viewType=FullText&originationContext=documenttoc&transitionType=CategoryPageItem&contextData=(sc.Default))

*23 CCR §354.18(c): Each Plan shall quantify the current, historical, and projected water budget for the basin.*

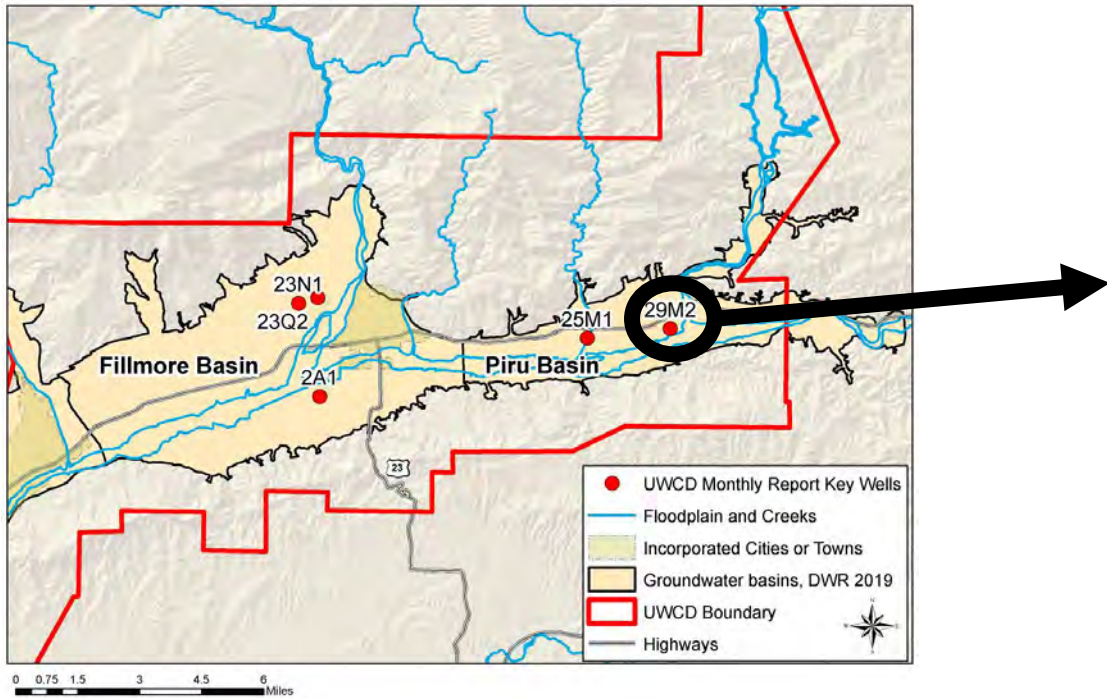


# Basin Setting

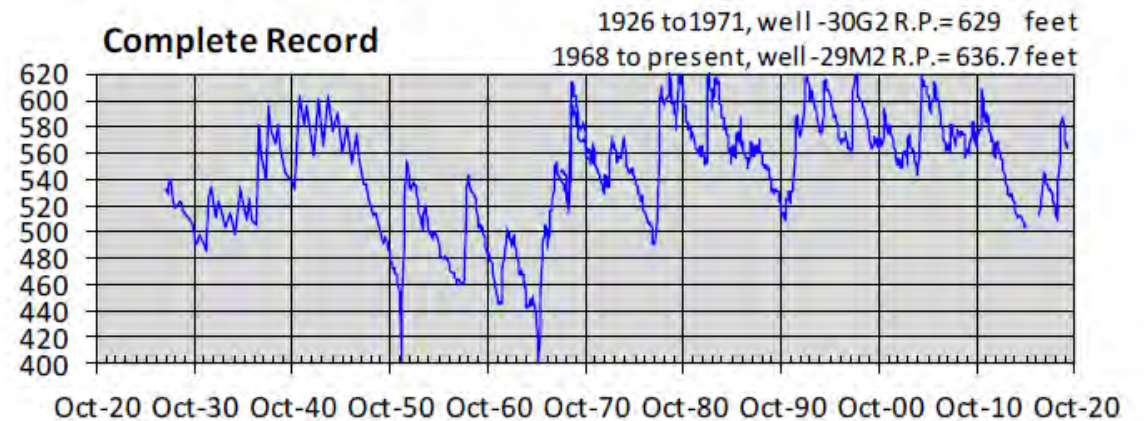
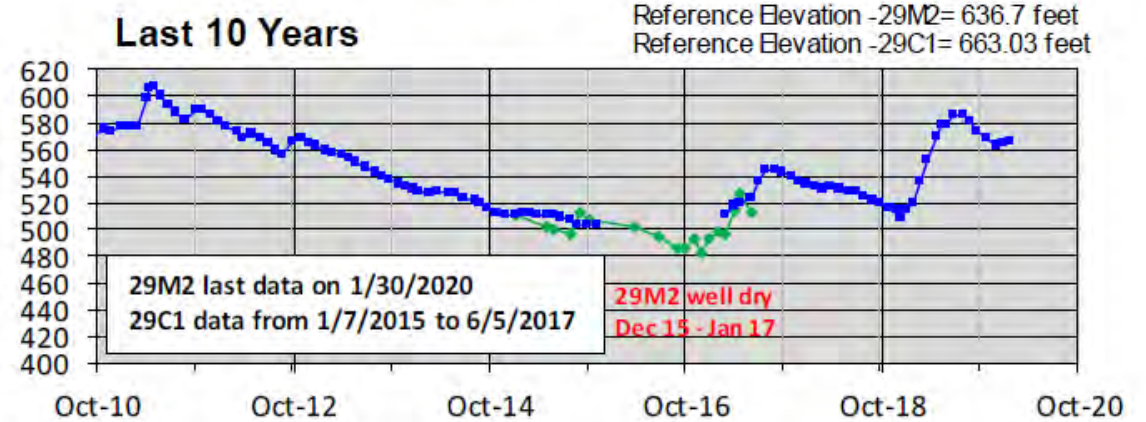


(UWCD's Monthly Hydrologic Conditions Reports:  
<https://www.unitedwater.org/reports-5/groundwater-conditions>)

# Groundwater Well Hydrographs - Piru



Well 04N18W29M02S (29M2)

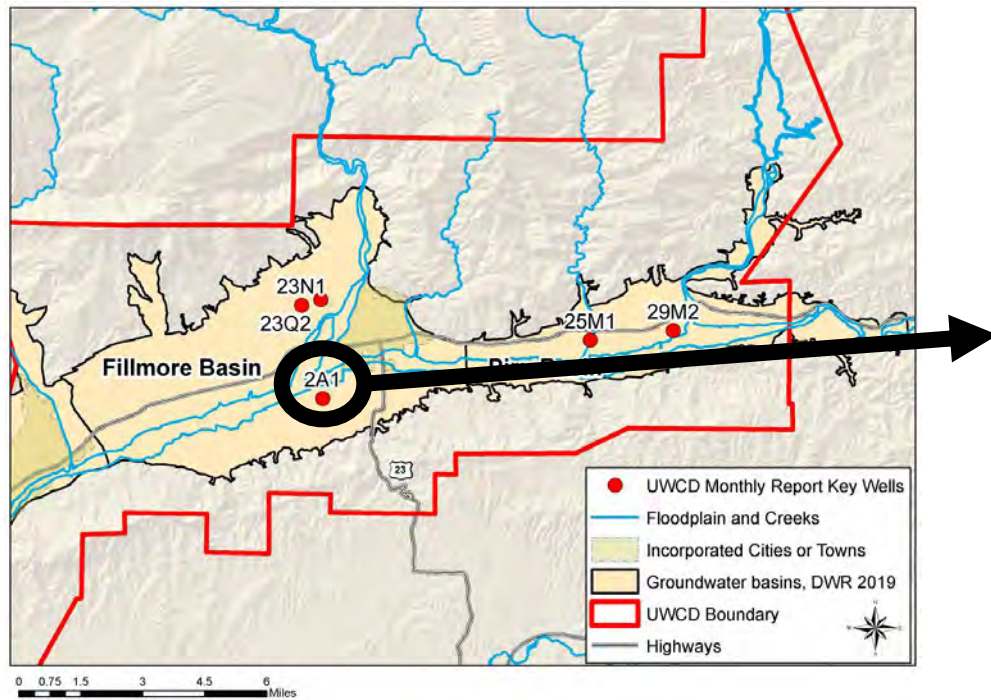


(UWCD's Monthly Hydrologic Conditions Reports:  
<https://www.unitedwater.org/reports-5/groundwater-conditions>)



# Groundwater Well Hydrographs - Fillmore

Well 03N20W02A01S (2A1)



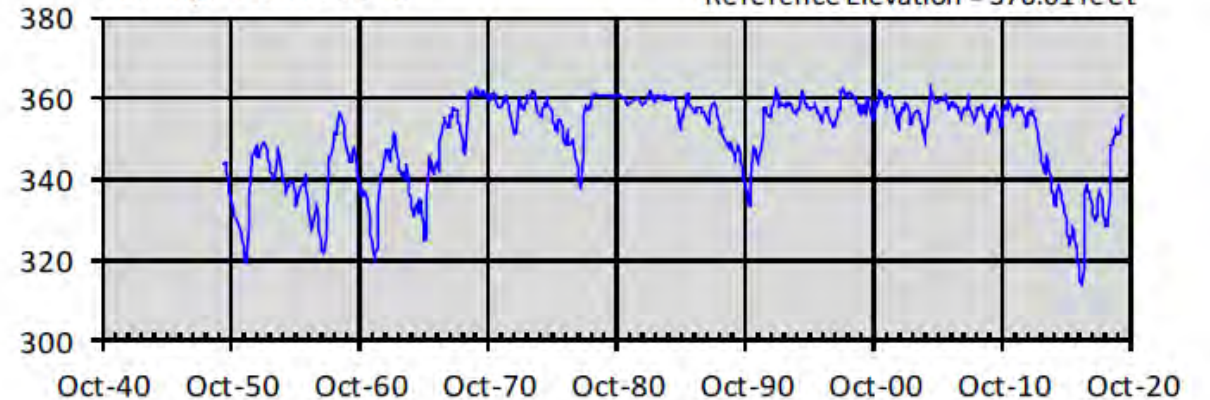
Last 10 Years

Reference Elevation = 376.61



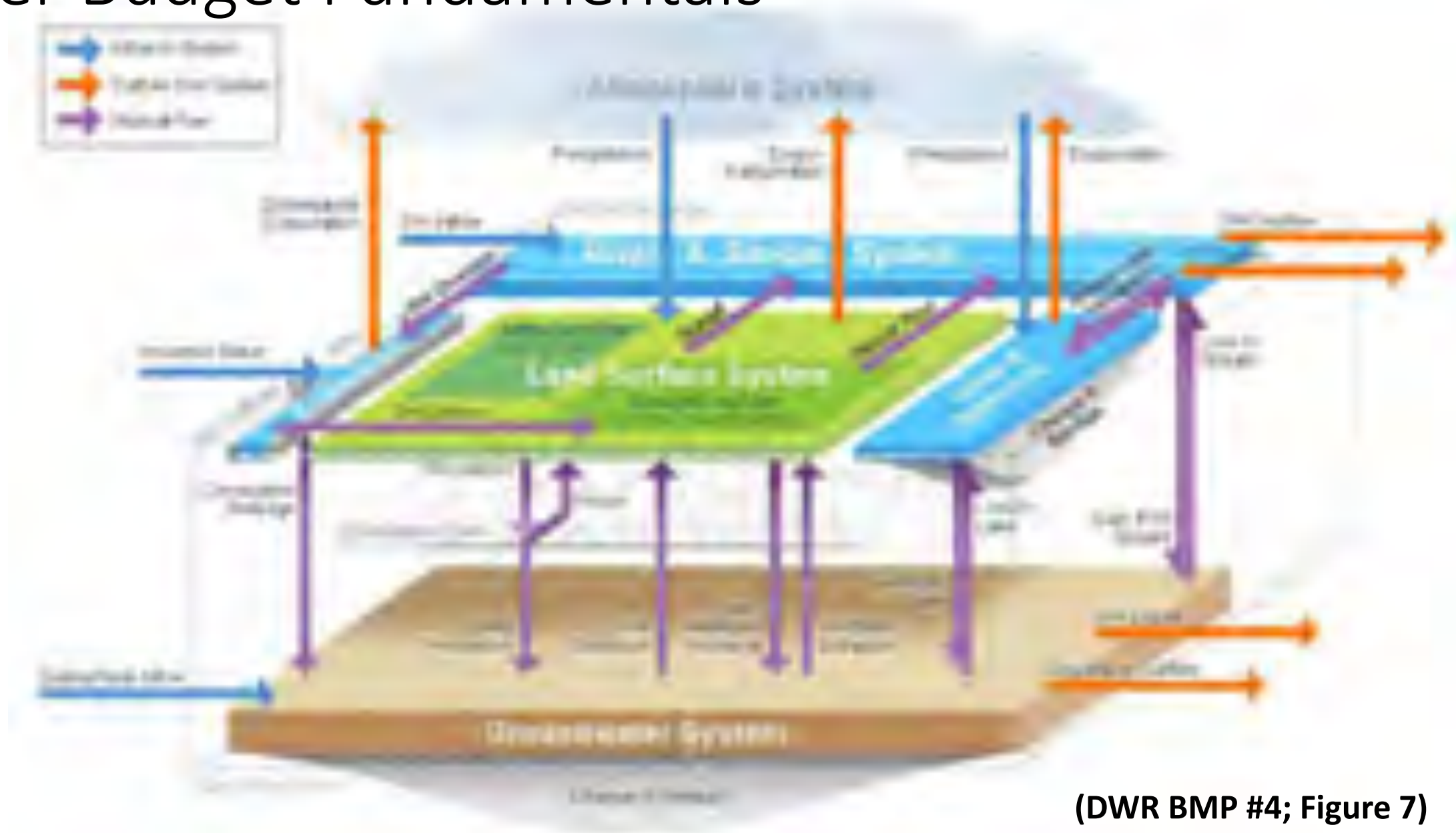
Complete Record

Reference Elevation = 376.61 feet



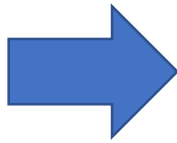
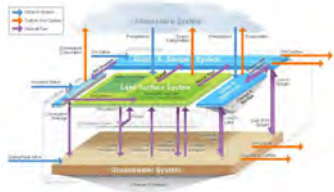
(UWCD's Monthly Hydrologic Conditions Reports:  
<https://www.unitedwater.org/reports-5/groundwater-conditions>)

# Water Budget Fundamentals



(DWR BMP #4; Figure 7)

# Water Budget Fundamentals



Water Year:

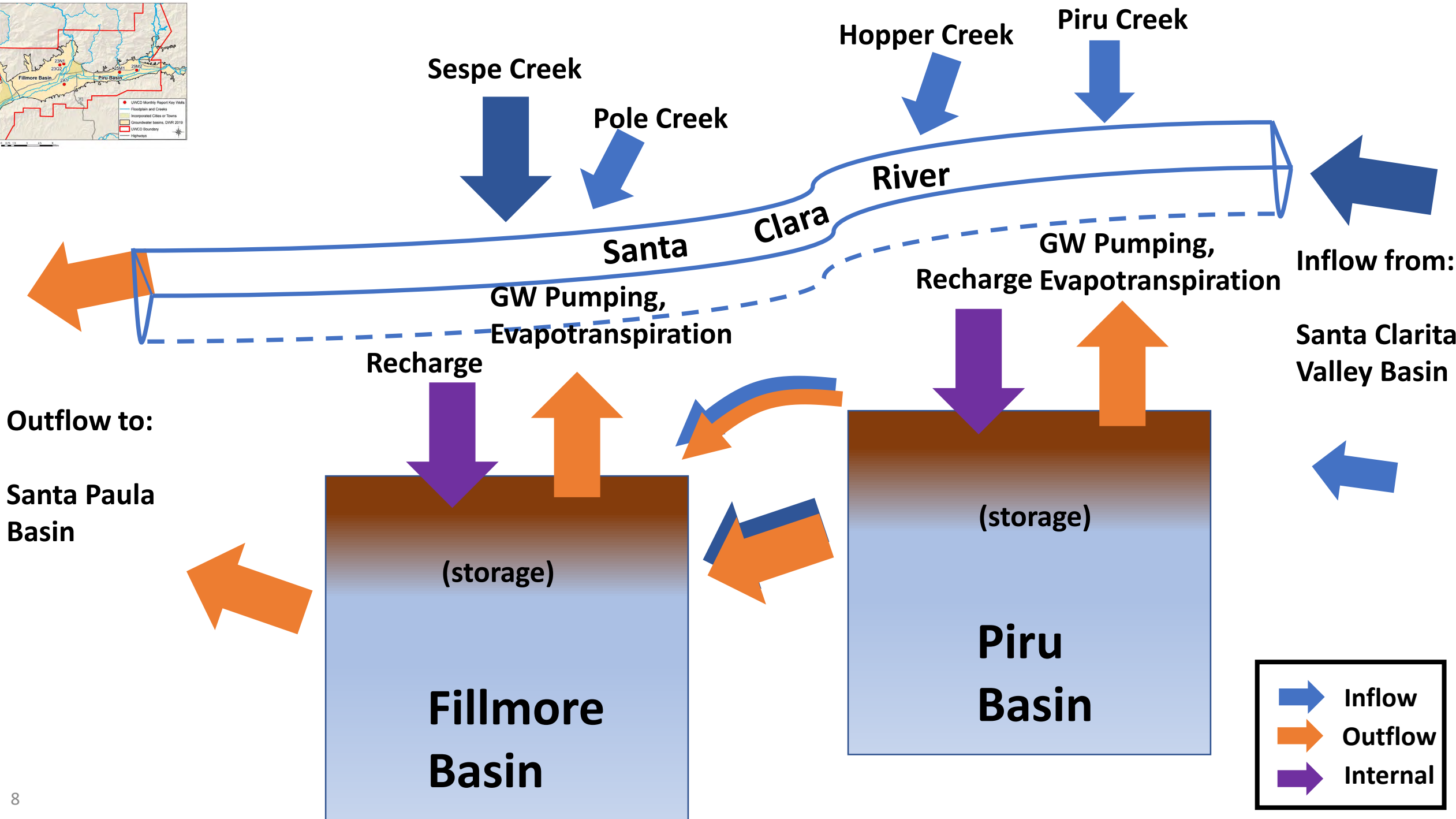
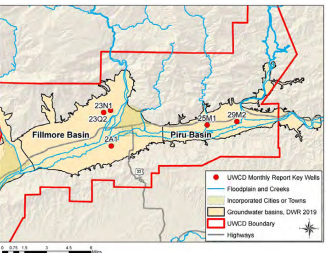
Water Year Type:

INFLOWS		OUTFLOWS	
Inflow Source	Volume (af/yr)	Outflow Sink	Volume (af/yr)
Surface Water Inflow <sup>1</sup>		Surface Water Outflow <sup>1</sup>	
Precipitation		Evapotranspiration <sup>4</sup>	
Subsurface Groundwater Inflow	=====	Subsurface Groundwater Outflow	=====
<b>Total Basin Inflow</b>		<b>Total Basin Outflow</b>	
Subsurface Groundwater Inflow		Subsurface Groundwater Outflow	
Infiltration of Precipitation		Groundwater Extraction <sup>1</sup>	
Infiltration from Surface Water Systems <sup>2</sup>		Discharge to surface water systems <sup>2</sup>	
Infiltration of Applied Water <sup>3</sup>	=====	<b>Total Groundwater Outflow</b>	=====
<b>Total Groundwater Inflow</b>			
		Change in Surface Storage Volume	
		Change in Groundwater Volume	

<sup>1</sup> by water source type  
<sup>2</sup> lakes, streams, canals, springs, conveyance systems  
<sup>3</sup> includes applied surface water, groundwater, recycled water, and reused water  
<sup>4</sup> by water use sector

(DWR BMP #4; Table 1)

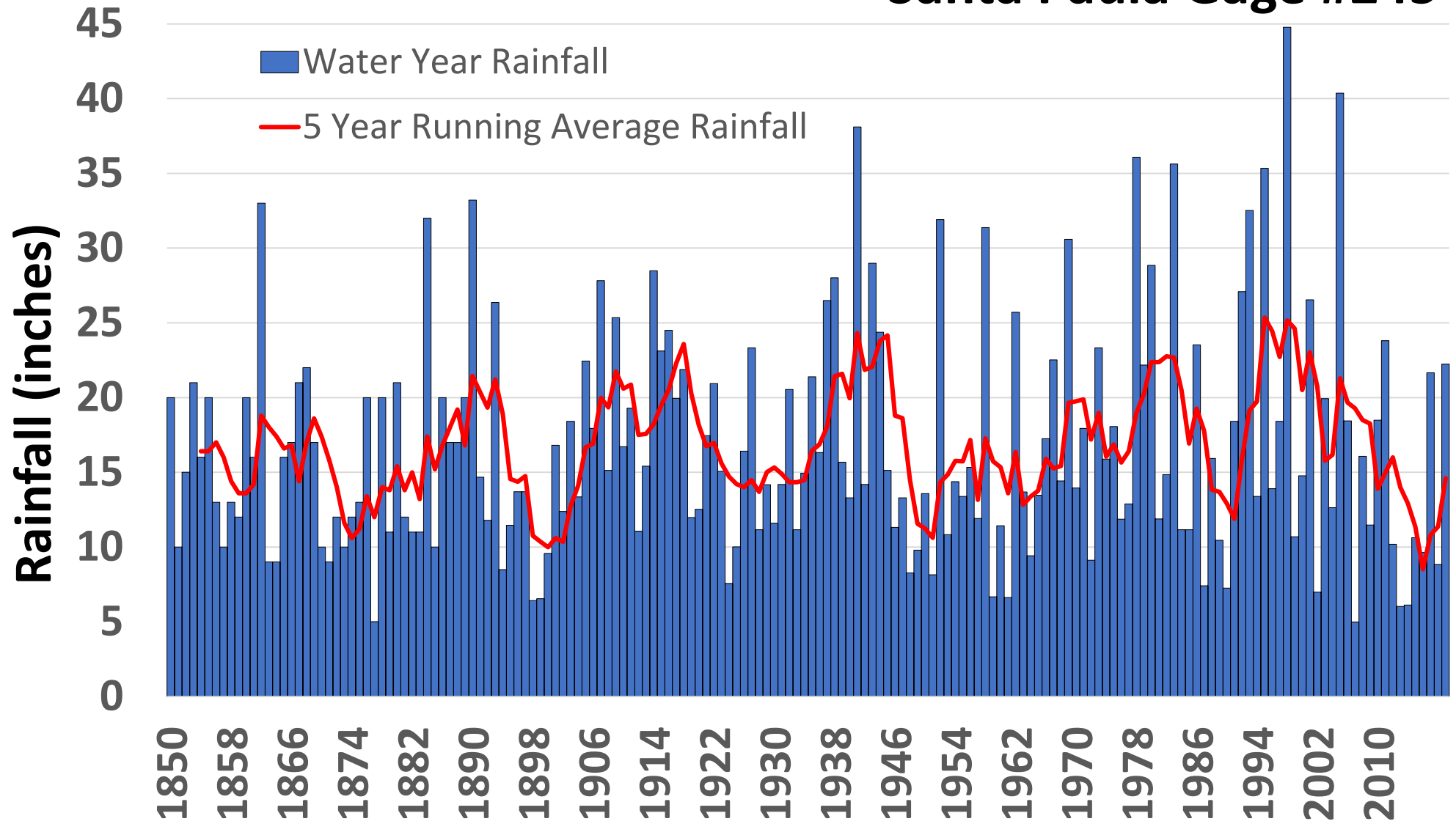
Table 1 – Simple Water Budget Tabulation Example



# Historical Rainfall Record

## Water Years 1850 - 2019

**Santa Paula Gage #245**



**Water Year:**  
October 1 –  
September 30

# Summary of Previous Investigations

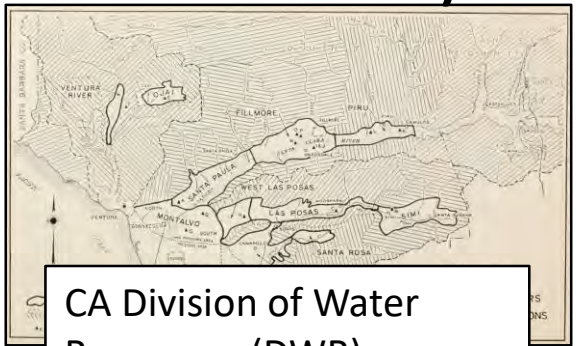
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Entity;

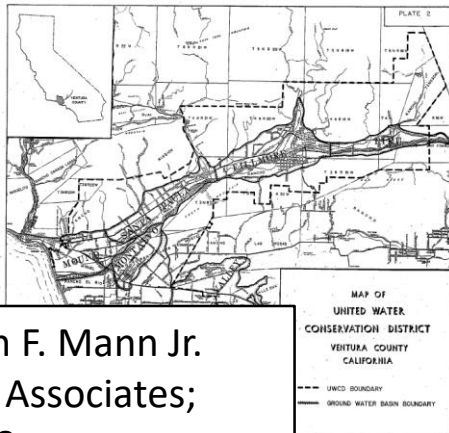
Year Published;

Fillmore/Piru budget components provided;

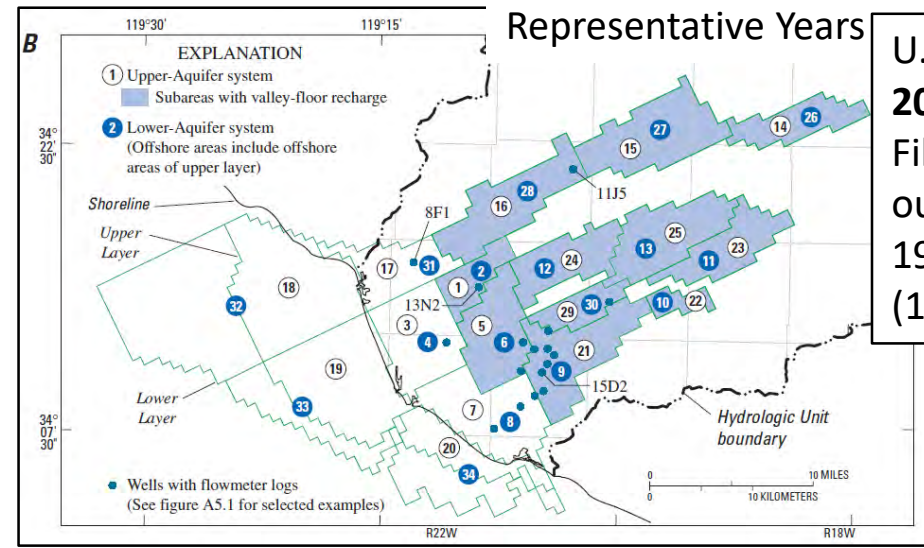
Representative Years



CA Division of Water Resources (DWR);  
**1933;**  
Both, various;  
1927 - 1932;

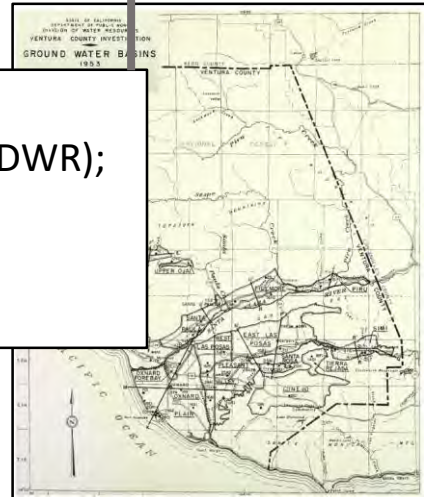


John F. Mann Jr. and Associates;  
**1959;**  
Both, various;  
1936 - 1957

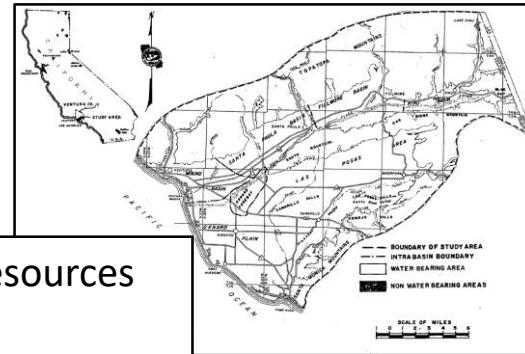


U.S. Geological Survey;  
**2003;**  
Fillmore, subsurface outflow;  
1984 - 1993  
(1891 - 1993 total)

CA State Water Resources Board (DWR);  
**1956;**  
Both, various;  
1936 - 1951



CA Dept. of Water Resources (DWR);  
**1974;**  
Piru, subsurface inflow;  
1956 - 1967



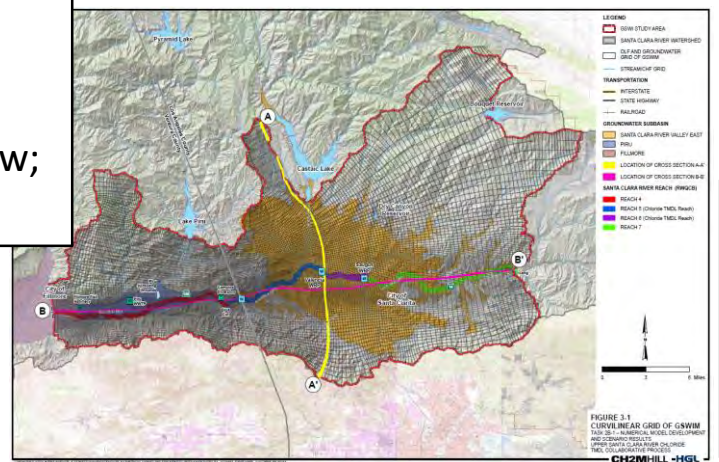
U.S. Geological Survey;  
**1995;**  
None;  
1984-1989, 1989 - 2004  
(hypothetical)

Law/Crandall, INC;  
**1993;**  
Fillmore, subsurface outflow;  
1956 - 1990

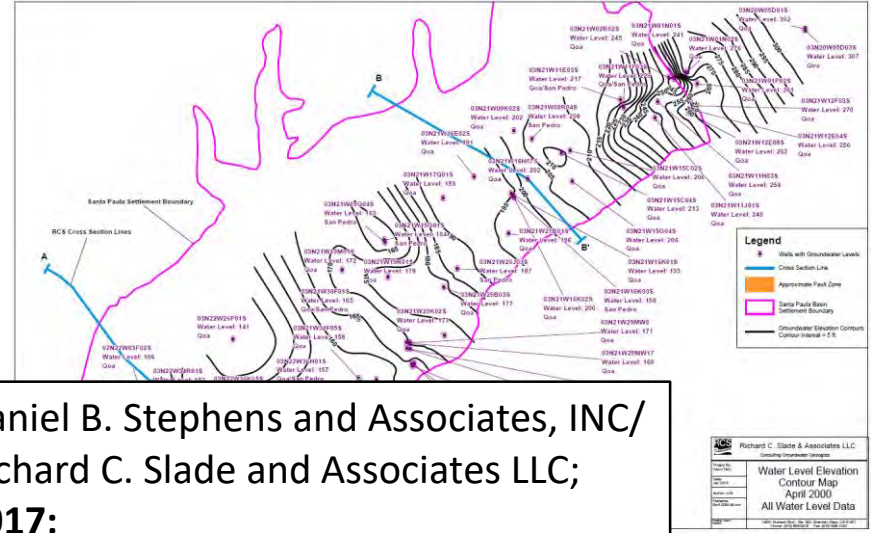
# Summary of Previous Investigations

**FORMAT:**  
 Entity;  
 Year Published;  
 Fillmore/Piru budget components provided;  
 Representative Years

CH2M HILL/  
 HydroMetrics INC;  
**2008;**  
 Piru, subsurface inflow;  
 1975 - 2005



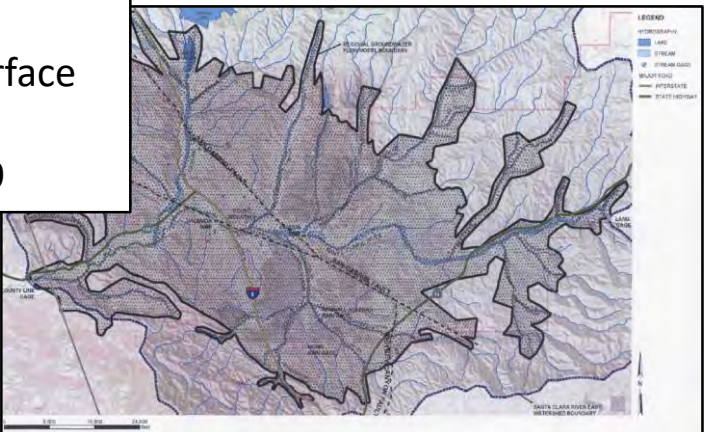
Dr. Steve Bachman;  
**2015;**  
 Fillmore, subsurface  
 outflow;  
 1947 – 2014 (Wet/Dry)



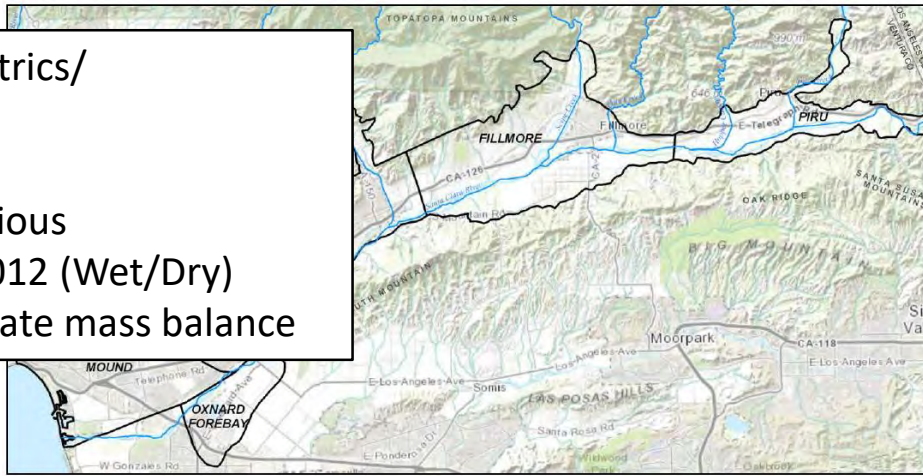
Daniel B. Stephens and Associates, INC/  
 Richard C. Slade and Associates LLC;  
**2017;**  
 Fillmore, subsurface outflow;  
 1999 - 2012

CH2M HILL;  
**2005;**  
 Piru, subsurface  
 inflow;  
 1980 - 2005

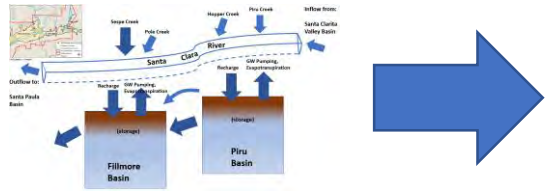
CH2M HILL;  
**2004;**  
 Piru, subsurface  
 inflow;  
 1980 - 1999



HydroMetrics/  
 Others;  
**2015;**  
 Both, Various  
 1996 – 2012 (Wet/Dry)  
 Steady-State mass balance



# Summary of Previously Reported Water Budget Components



Budget Components (AFY)	Piru Range of values		Fillmore Range of values	
	<i>Lower</i>	<i>Upper</i>	<i>Lower</i>	<i>Upper</i>
<b>Inflows</b>				
Subsurface underflow	240	18802	12570	35700
Stream percolation	6400	61850	1790	49130
Precipitation recharge	190	20200	470	54200
Mountain front recharge	2620	2620	3530	3530
Managed recharge	0	11800	--	--
Imported	0	5840	4900	11770
<b>Total inflow<sup>1</sup></b>	<b>9450</b>	<b>121112</b>	<b>23260</b>	<b>154330</b>
<b>Outflows</b>				
Subsurface underflow	12570	35700	3900	25244
Rising groundwater	0	37800	6030	48200
Consumptive use <sup>2</sup>	6820	15000	20590	36200
Exported	2200	6450	0	5160
<b>Total outflow<sup>1</sup></b>	<b>21590</b>	<b>94950</b>	<b>30520</b>	<b>114804</b>
<b>Change in groundwater storage<sup>3</sup></b>	<b>-19600</b>	<b>44600</b>	<b>-20170</b>	<b>49300</b>
<b>Available Storage</b>	<b>0</b>	<b>113000</b>	<b>0</b>	<b>80000</b>

<sup>1</sup>Total inflow and outflow calculated from values reported in this table

<sup>2</sup>Of applied water and precipitation on basin (including phreatophytes)

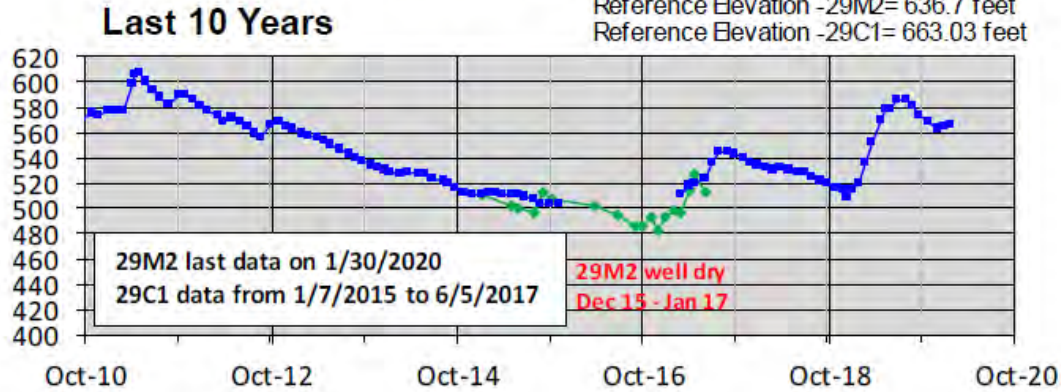
<sup>3</sup>Reported changes in storage, not representative of calculated total (inflow - outflow) values above



# Review of current basin conditions

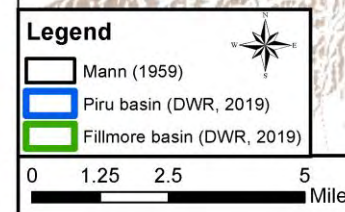
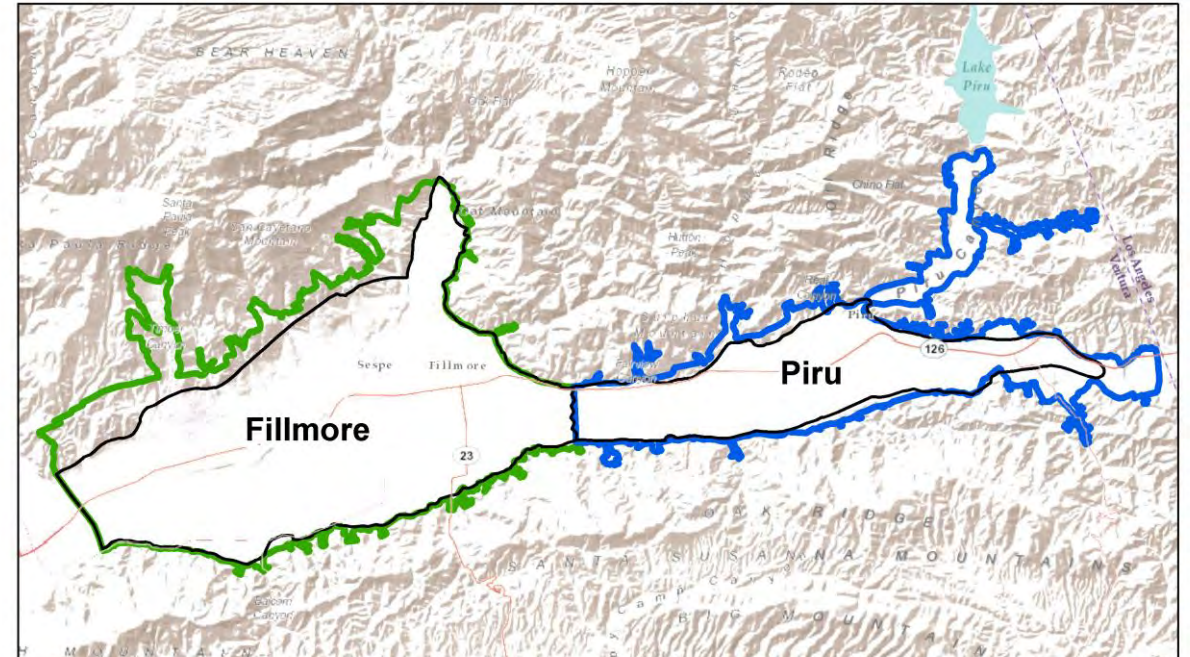
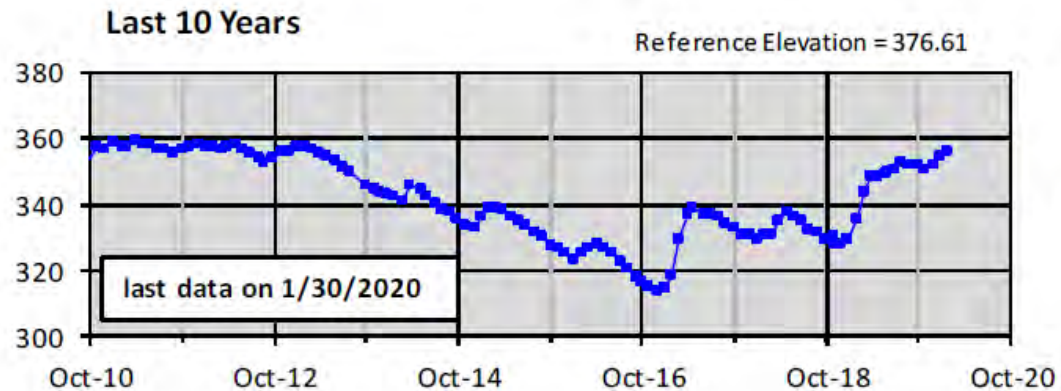
Well 04N18W29M02S (29M2)

Reference Elevation -29M2= 636.7 feet  
Reference Elevation -29C1= 663.03 feet



Well 03N20W02A01S (2A1)

Reference Elevation = 376.61



	Groundwater Basin Area (acres)		
	Mann (1959)	DWR (2019)	% increase
Fillmore	18497	22583	22
Piru	7201	10896	51

# Moving Forward

- Continued UWCD numerical model calibration and development
- Continued UWCD internal writing and review of water budget documentation for GSPs
  - Historical
  - Current
  - Projected (Future)

# References

California Department of Public Works, Division of Water Resources (DWR), 1933. *Bulletin No. 46 Ventura County Investigation*.

California State Water Resources Board (DWR), 1953, revised 1956. *Bulletin No. 12 Ventura County Investigation*. April.

California Department of Water Resources, 1974. *Mathematical Modeling of Water Quality for Water Resources Management, Volume I, Development of the Groundwater Quality Model*. August.

California Department of Water Resources, 2019. Bulletin 118 update, <https://water.ca.gov/Programs/Groundwater-Management/Bulletin-118>

CH2M HILL, 2004. *Regional Groundwater Flow Model for the Santa Clarita Valley, Model Development and Calibration*. April.

CH2M HILL, 2005. *Calibration Update of the Regional Groundwater Flow Model for the Santa Clarita Valley, Santa Clarita, California*. August.

CH2M HILL/HGL, 2006. *Task 2A – Conceptual Model Development East and Piru Subbasins*, Upper Santa Clara River Chloride TMDL Collaborative Process. Prepared for Sanitation Districts of Los Angeles County Los Angeles Regional Water Quality Control Board. October.

CH2M HILL/HGL, 2008. *Task 2B-1 – Numerical Model Development and Scenario Results East and Piru Subbasins*, Upper Santa Clara River Chloride TMDL Collaborative Process. Prepared for Sanitation Districts of Los Angeles County Los Angeles Regional Water Quality Control Board. March.

DBSA, 2017; Safe Yield Report

Bachman (2015); Santa Paula Safe Yield report/underflow estimate

HydroMetrics, 2006. Groundwater Model Modifications. Letter from Derrick Williams to Ken Turner, UWCD. July and August.

HydroMetrics, 2008. *Review of GSWIM Model*. Prepared for United Water Conservation District. February.

Larry Walker and Associates (LWA) and others, 2015. *Lower Santa Clara River Salt and Nutrient Management Plan*. June.

Law/Crandall, 1993. *Water Resources Evaluation, Santa Paula Ground Water Basin, Ventura County, California*. March.

Mann, John F. Jr., 1959. (Mann). *A Plan for Ground Water Management*. Prepared for United Water Conservation District. September.

Reichard and others (USGS), 1995; Groundwater-surface water management with stochastic surface water supplies: A simulation optimization approach. November.  
<https://doi.org/10.1029/95WR02328>

USGS, 2003; *Simulation of Ground-water/Surface-Water Flow in the Santa Clara-Calleguas Basin, Ventura County, California*.  
<https://pubs.er.usgs.gov/publication/wri024136>

Thank You

**Questions?**

**Zach Hanson**, PhD, Assistant Hydrogeologist, United Water Conservation District  
zhanson@unitedwater.org





**Item No. 3B Consent Calendar – Approval of Warrants**

**DATE: April 10, 2020**

**TO: Board of Directors**

**FROM: Erin Gorospe, UWCD**

**SUBJECT: Approval of Warrants**

**SUMMARY**

The invoices listed below are being presented to the Board of Directors for approval of payment.

Red Sky Productions	\$ 550.00	videotaping Stakeholder Workshop
County of Ventura IT	\$ 80.00	Jan and Feb webhosting
Daniel B Stephens & Assoc.	\$13,645.70	Dec 15-Jan 30 GSP Consulting
OMLO LLP	\$ 1,325.50	February legal services
UWCD	\$12,338.18	admin, finance and tech services
County of Ventura IT	\$ 64.34	Mar webhosting; domain renewal
Daniel B Stephens & Assoc.	\$38,196.79	Feb GSP Consulting
OMLO LLP	\$ 892.50	Jan and March legal services

**RECCOMENDATION:**

The Board will consider authorizing the payment of the invoices as presented.

**BACKGROUND**

Please see summary.



**Fillmore and Piru Basins**  
*Groundwater Sustainability Agency*

**Item No.**        **3C Consent Calendar**

**DATE:**         **March 19, 2020**

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

**SUBJECT:**      Monthly Financial Report

**SUMMARY**

The Board will receive the monthly financial report for the Fillmore and Piru Basins Groundwater Sustainability Agency (Agency).

**BACKGROUND**

UWCD accounting staff has prepared financial reports based on the Agency revenue and expenses for the month of February 2020.

**FISCAL IMPACT**

None

Attachments:    February 29, 2020 P/L Budget Performance  
                         February 29, 2020 Balance Sheet

**Fillmore and Piru Basins GSA**  
**Balance Sheet**  
**As of February 29, 2020**

Feb 29, 20

**ASSETS**

**Current Assets**

**Checking/Savings**

10000 · Bank of the Sierra 153,002.64

**Total Checking/Savings** 153,002.64

**Accounts Receivable**

11000 · Accounts Receivable 28,926.61

**Total Accounts Receivable** 28,926.61

**Total Current Assets** 181,929.25

**TOTAL ASSETS** 181,929.25

**LIABILITIES & EQUITY**

**Liabilities**

**Current Liabilities**

**Accounts Payable**

20000 · Accounts Payable 27,899.38

**Total Accounts Payable** 27,899.38

**Total Current Liabilities** 27,899.38

**Total Liabilities** 27,899.38

**Equity**

32000 · Retained Earnings 265,536.58

**Net Income** -111,506.71

**Total Equity** 154,029.87

**TOTAL LIABILITIES & EQUITY** 181,929.25

**Fillmore and Piru Basins GSA  
Profit & Loss Budget Performance  
July 2019 through February 2020**

	<u>Jul '19 - Feb 20</u>	<u>Annual Budget</u>	<u>Budget</u>
<b>Income</b>			
40001 · Groundwater Extraction Charge	-15.63	668,964.00	0.00%
41000 · Grant Revenue			
41001 · State Grants	21,190.77	154,485.32	13.72%
<b>Total 41000 · Grant Revenue</b>	<b>21,190.77</b>	<b>154,485.32</b>	<b>13.72%</b>
47000 · Other Revenue			
47001 · Late Fees	1,866.89		
<b>Total 47000 · Other Revenue</b>	<b>1,866.89</b>		
<b>Total Income</b>	<b>23,042.03</b>	<b>823,449.32</b>	<b>2.80%</b>
<b>Gross Profit</b>	<b>23,042.03</b>	<b>823,449.32</b>	<b>2.80%</b>
<b>Expense</b>			
52200 · Professional Services			
52240 · Prof Svcs - IT Consulting	280.00	980.00	28.57%
52250 · Prof Svcs - Groundwtr/GSP Prep			
52251 · Prof Svcs - UWCD GW Services	0.00	25,800.00	
52252 · Prof Svcs - GSP Consultant	104,113.70	242,914.00	42.86%
52250 · Prof Svcs - Groundwtr/GSP Prep - Other	0.00	0.00	
<b>Total 52250 · Prof Svcs - Groundwtr/GSP Prep</b>	<b>104,113.70</b>	<b>268,714.00</b>	<b>38.75%</b>
52270 · Prof Svcs - Accounting	3,684.11	10,000.00	36.84%
52275 · Prof Svcs - Admin/Clerk of Bd	3,985.44	7,000.00	56.93%
52280 · Prof Svcs - Executive Director	12,852.38	42,000.00	30.60%
52290 · Prof Svcs - Other	550.00		
<b>Total 52200 · Professional Services</b>	<b>125,465.63</b>	<b>328,694.00</b>	<b>38.17%</b>
52500 · Legal Fees			
52501 · Legal Counsel	5,895.50	25,000.00	23.58%
<b>Total 52500 · Legal Fees</b>	<b>5,895.50</b>	<b>25,000.00</b>	<b>23.58%</b>
53000 · Office Expenses			
53010 · Public Information	341.00	1,000.00	34.10%
53020 · Office Supplies	8.37	500.00	1.67%
53026 · Postage & Mailing	430.42	2,000.00	21.52%
53110 · Travel & Training	292.09	4,000.00	7.30%
<b>Total 53000 · Office Expenses</b>	<b>1,071.88</b>	<b>7,500.00</b>	<b>14.29%</b>
53500 · Insurance			
53510 · Liability Insurance	2,115.73	2,500.00	84.63%
<b>Total 53500 · Insurance</b>	<b>2,115.73</b>	<b>2,500.00</b>	<b>84.63%</b>
70000 · Interest & Debt Service			
70120 · Interest Expense	0.00	0.00	
<b>Total 70000 · Interest &amp; Debt Service</b>	<b>0.00</b>	<b>0.00</b>	
81000 · Capital Expenditures	0.00	100,000.00	
<b>Total Expense</b>	<b>134,548.74</b>	<b>463,694.00</b>	<b>29.02%</b>
<b>Net Income</b>	<b>-111,506.71</b>	<b>359,755.32</b>	<b>-31.00%</b>





**Item No.**        **4A Motion**

**DATE:**         **April 16, 2020**

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

**FROM:**         **Kris Sofley, Clerk of the Board**

**SUBJECT:**      **Request for Comments regarding Alan and Freda Storey's well waiver request**

**SUMMARY**

Ventura County Ordinance Code Section 4826.1 prohibits issuance of permits for, and the construction of, new water wells within groundwater basins designated by the California Department of Water Resources as High or Medium Priority Basins. Section 4826.3 identifies specific circumstances under which the Public Works Agency (PWA) Director can consider granting a waiver.

A waiver of the water well and permit prohibitions in Section 4826.1 may be granted by the Director on a case-by-case basis, upon receipt of an application for a waiver and upon the Director's determination that the application demonstrates that:

- a.        There are special circumstances or exceptional characteristics of the real property and groundwater which do not apply generally to comparable real property and groundwater conditions in the same vicinity, and that the granting of such waiver will not be detrimental to the condition of groundwater resources; or
- b.        Strict application of the prohibition as it applies to the real property or its groundwater conditions will result in practical difficulties or unnecessary hardships inconsistent with the purpose and findings of Ventura County Ordinance No. 4466 and that the granting of such waiver will not be detrimental to the condition of groundwater resources.

The PWA Director's policy is to request comments from the applicable Groundwater Sustainability Agency (GSA) prior to making his determination on the waiver request.

PWA has received a request from Alan and Freda Storey for a waiver of the well prohibition to install a new domestic well at the subject property, which is within the Piru Basin. The property currently receives water that is delivered through another customer's service line. According to a November 8, 2018 letter from Warring Water Service, Inc., this service does not conform with the California Public Utilities Commission rules. In a February 11, 2020 phone conversation, Glen Pace of Warring Water Service confirmed that the information in his November 8, 2018 letter to Mr. and Mrs. Storey is still valid.

Mr. and Mrs. Storey desire to build a single-family residence on the property. Warring Water Service will not provide a will-serve letter to service the property through a nonconforming line and allow Mr. and Mrs. Storey to apply for building permits. In order to come into compliance Mr. and Mrs. Storey would need to install a new water line that connects to Warring Water's mainline which is located on the north

side of State Highway 126. Mr. and Mrs. Storey represent the cost and logistics of installing a water line under Highway 126 would be prohibitive and have requested a waiver to install a well to serve the property. Other properties in the area are served by water supply wells. The applicant's waiver request is attached.

The County requests that the Fillmore and Piru Basins GSA provide its comments for the PWA Director to consider.

**RECCOMENDATION:**

Staff has no recommendation

**BACKGROUND**

Please see summary.

**FISCAL IMPACT** – waiver would create new well construction and contribute to the Agency’s ratepayer base

**ATTACHMENTS A: Letter from VC Public Works Agency re: Comment on Waiver Request**

Proposed Motion: “Motion to [support/deny] Mr. and Mrs. Storey’s waiver request for new well construction.”

Director \_\_\_\_\_

2<sup>nd</sup>: Director \_\_\_\_\_

Voice/Roll call vote: Director Holmgrens:

Director Kimball:

Director Long:

Director McFadden:

Director Meneghin:

Director Pace:

February 20, 2020

VIA EMAIL

Kelly Long, Chair  
Fillmore and Piru Basins Groundwater Sustainability Agency  
Post Office Box 1110  
Fillmore, CA 93016

**Jeff Pratt**  
Agency Director

Central Services  
**Joan Araujo**, Director

Engineering Services  
**Christopher Cooper**, Director

Transportation  
**David Fleisch**, Director

Water & Sanitation  
**Joseph Pope**, Director

Watershed Protection  
**Glenn Shephard**, Director

Subject: **Request for Comment**  
**Request for Waiver of Ventura County Water Well and**  
**Water Well Permit Prohibitions**  
**3836 Howe Rd, Piru, APN 057-0-010-110**

Dear Chair Long:

Ventura County Ordinance Code Section 4826.1 prohibits issuance of permits for, and the construction of, new water wells within groundwater basins designated by the California Department of Water Resources as High or Medium Priority Basins. Section 4826.3 identifies specific circumstances under which the Public Works Agency (PWA) Director can consider granting a waiver:

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- a. There are special circumstances or exceptional characteristics of the real property and groundwater which do not apply generally to comparable real property and groundwater conditions in the same vicinity, and that the granting of such waiver will not be detrimental to the condition of groundwater resources; or
- b. Strict application of the prohibition as it applies to the real property or its groundwater conditions will result in practical difficulties or unnecessary hardships inconsistent with the purpose and findings of Ventura County Ordinance No. 4466 and that the granting of such waiver will not be detrimental to the condition of groundwater resources.



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Mr. and Mrs. Storey desire to build a single-family residence on the property. Warring Water Service will not provide a will-serve letter to service the property through a non-conforming line and allow Mr. and Mrs. Storey to apply for building permits. In order to come into compliance Mr. and Mrs. Storey would need to install a new water line that connects to Warring Water's mainline which is located on the north side of State Highway 126. Mr. and Mrs. Storey represent the cost and logistics of installing a water line under Highway 126 would be prohibitive and have requested a waiver to install a well to serve the property. Other properties in the area are served by water supply wells. The applicant's waiver request is attached.

The County requests that the Fillmore and Piru Basins GSA provide its comments for the PWA Director to consider. If you have any questions, please contact me at (805) 650-4083 or Kim.Loeb@ventura.org.

Sincerely,



Kimball R. Loeb, CEG, CHG  
Groundwater Manager  
Watershed Protection

Enclosure: Waiver Request, December 6, 2019 (Received January 9, 2020)  
Warring Water Service Letter, November 8, 2018  
Map Showing Water Lines in the Vicinity of APN 057-0-010-110

cc: Alan and Freda Storey

K:\Programs\Groundwater\Permits\Well Permits\Waivers\2020\_Alana and Freda Storey\_APN 057-0-010-110\_Piru\20200213\_3836  
Howe Rd\_FPGSA.docx



RECEIVED  
County of Ventura

JAN 09 2020

PUBLIC WORKS AGENCY  
Central Services Department

Director of Public Works

12-6-2020


TO: Jeff Pratt

We have a Parcel in Piru 3836 Lower rd  
1.69 Acres. 23 years ago we purchased this  
property. (A Gentlemen's agreement with Carl  
Pace then President of Warmingwater) A meter  
and waterline was installed to allow Domestic  
Water to our property. The Meter was put in  
front of Our neighbor Property the line runs  
down the side of Neighbor and Crosses over to  
Our Property (See Attached)

A letter from Warming Water States  
Service is no longer available. With the need  
of a water supply. We are asking to be  
considered for a permit for a Domestic well.  
With all possibilities See Attachments.

Thank you Sincerely

Alan and Freda Storey

Alan Storey 

Alan + Freda Storey

PO Box 1057

Fillmore Ca. 93016

**WARRING WATER SERVICE, INC.**

**P.O. Box 189**

**PIRU, CA 93040**

524-3267 Fax 524-2590

November 08, 2018

Mr. & Mrs. Storey  
P.O. Box 1057  
Fillmore, CA 93016-1057

**Subject: Water Service**

Dear Mr. & Mrs. Storey,

The purpose of this letter is to document the fact that current service too your properties is not in conformance with the California Public Utilities Commission Rules for Warring Water Service, Inc. All service connections need to be separately connected to a Warring mainline to conform with Commission rules. From what we have learned from discussions to date the attached sketch depicts approximate line locations and metering points for your services. Please let us know if this sketch accurately reflects the service lines and meter locations.

We feel it is not in the best interest of Warring to continue being in non-compliance with Commission rules now that we are aware of these issues. It is also not in your best interest as Warring cannot provide a will serve letter to a service point that has the water delivered through another customer's service line. If there were a new owner of the property with Service line and meter #1 and they determine they need all the capacity from that service line and terminate the use of that water going to Service #2 Warring could not do anything about that as Warring has no control over that line. There is currently no documented right to receive water at Service #2 so under this arrangement there would be no legal recourse possible if this were to be a disputed issue between the two parties.

The only true solution to the problem is to have installed a new meter and service line to property/Service #2 from a new service point off a Warring mainline. From the service point selected the cost of constructing the piping to the desired point of use would have to be paid by the requesting party. Depending on the water use needs or plans for Service or property #2 this cost could be expensive. Because there are other properties in this general area Warring could consider a group interest to bring a larger line across Hwy 126 with fire flow capacity.

Considering this potential, the cost and benefit could be spread over a larger number of parcels or service points. This cost would have to be paid by the participating parties.

Please respond to this letter within the next 30 days and provide a plan of action to correct this non-compliance issue.

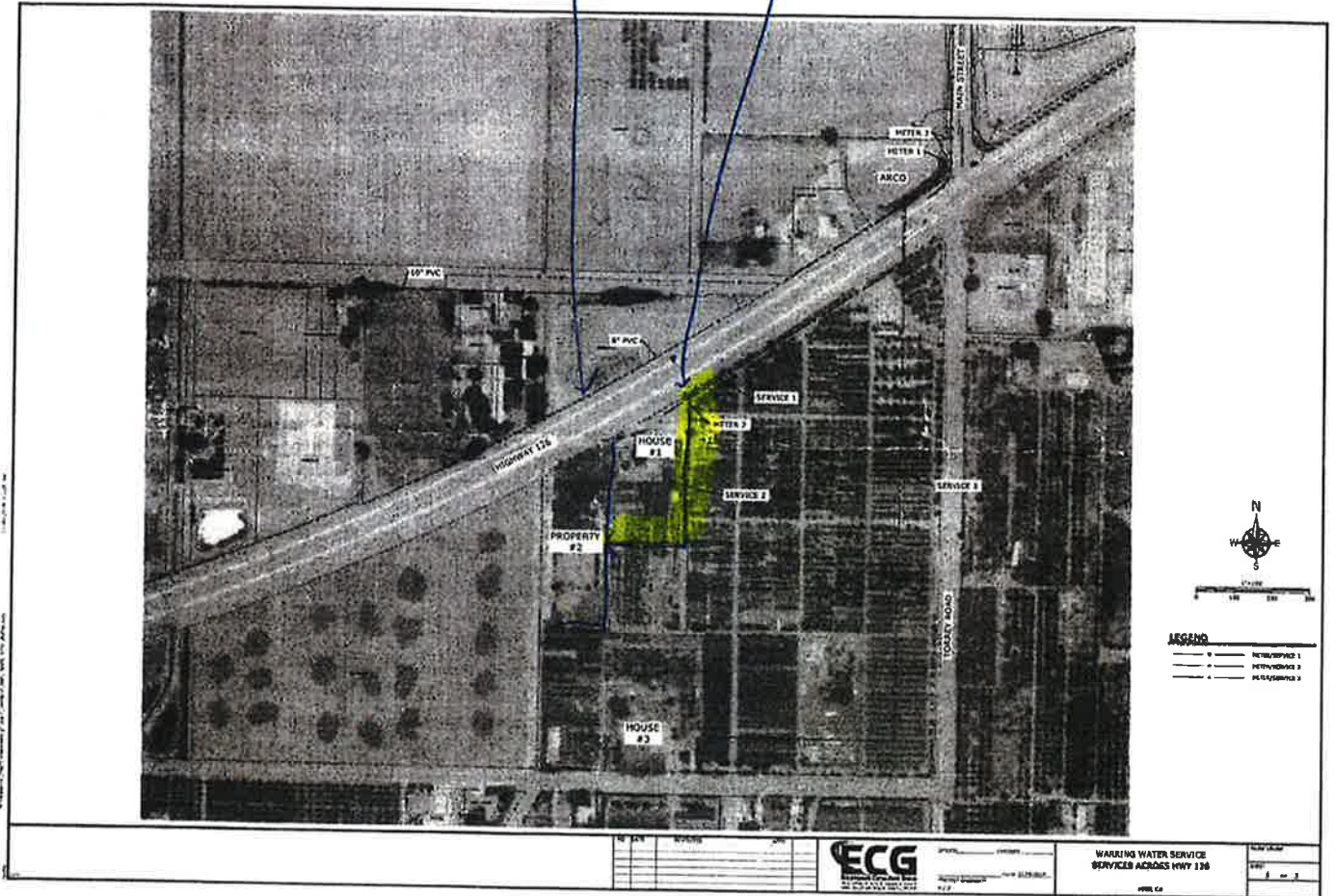
Sincerely,

A handwritten signature in cursive script, appearing to read "Glen H. Pace", written over a horizontal line.

Glen H. Pace,  
President  
Warring Water Service

across  
Freeway 126  
Main Line  
Warning Water

Main  
Water Line  
Warning Waterends

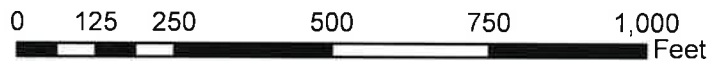


Property #2 Storey  
#1 Moreno House

(Warning main - so close  
but so far...



# Approximate Locations of Warring Water Service Lines in the Vicinity of APN 057-0-010-110



DISCLAIMER: The information contained herein was created by the County of Ventura Water and Environmental Resources, Groundwater Section for its own use. The County of Ventura assumes no liability for damages incurred directly or indirectly as a result of errors, omissions or discrepancies



**Item No.**        **4B MOTION**  
**DATE:**         **April 16, 2020**  
**TO:**             **Board of Directors**  
**FROM:**         **Lisa Ballin, Stakeholder Outreach Consultant, DBS&A**  
**SUBJECT:**      **Board Approval of “Frequently Asked Questions” document**

**SUMMARY**

The DBS&A team prepared a draft Frequently Asked Questions document to serve as an educational resource for beneficial users and uses and interested parties. It will be posted on the GSA’s website and Facebook page and provided as a handout at the first Stakeholder Workshop. The questions were developed based on Board input. The Stakeholder Engagement Ad Hoc Committee reviewed this document at its March 9<sup>th</sup> meeting. It is presented for the full Board to review, provide further input, and consider approving.

**RECCOMENDATION:**

The Board will review and consider approving the draft “Frequently Asked Questions” document for use at Stakeholder Workshops and for posting on the GSA’s website and social media sites in an effort to educate beneficial users and uses and interested parties.

**BACKGROUND**

See summary

**FISCAL IMPACT**

no fiscal impact

**ATTACHMENTS**

**A** Draft FAQs document

Proposed Motion: “Motion to approve the draft Frequently Asked Questions (with amendments/revisions as discussed).”

Director \_\_\_\_\_

2<sup>nd</sup>: Director \_\_\_\_\_

Voice/Roll call vote: Director Holmgrens:

Director Kimball:

Director Long:

Director McFadden:

Director Meneghin:

Director Pace:



## Fillmore and Piru Basins Groundwater Sustainability Agency

### Fillmore and Piru Basins Groundwater Sustainability Agency (FPBGSA) Frequently Asked Questions - DRAFT

- What is the Sustainable Groundwater Management Act (SGMA)?
  - SGMA is a State law that requires the management of high and medium priority groundwater basins to ensure their sustainability. The law was passed by the State legislature and signed by Governor Brown in 2014 and was enacted on January 1, 2015. It provides a framework for local authority over groundwater management through the formation of Groundwater Sustainability Agencies (GSA). These GSAs are responsible to prepare and implement Groundwater Sustainability Plans (GSP) to achieve sustainable groundwater management in their basins over a 20-year period.
- Why was the Fillmore and Piru Basins GSA (FPBGSA or Agency) formed?
  - The Fillmore and Piru Basins are designated as high priority by the California Department of Water Resources (DWR) and therefore are subject to SGMA. The FPBGSA was formed to provide local control over SGMA compliance and the management of these basins. If a GSA was not created for these basins, the State would intervene and dictate future basin management.
- What is a high priority basin? Why are the Fillmore and Piru Basins considered high priority?
  - DWR has the responsibility to identify the priority of each basin in the state into one of four categories: high, medium, low, or very low. Prioritization is conducted for each basin using a set of variables that includes but is not limited to: current and projected basin population, groundwater elevation, groundwater connectedness to surface water, total number of wells, irrigated acreage, groundwater reliance by beneficial users, and similar.
  - The Fillmore and Piru Basins are each ranked high priority by DWR, principally because groundwater is the primary source of water for all water users. Other reasons include a lack of recent subsidence data, and declining groundwater levels during the 2012-2017 drought that contributed to lower scoring for the habitat and streamflow components of the prioritization methods.
- What is a Groundwater Sustainability Plan (GSP)? Why does the GSA have to prepare a GSP?
  - SGMA requires the development of a GSP for each high or medium priority groundwater basin. A GSP describes a mandatory approach to achieve long-term sustainability of a groundwater basin. Once completed, each GSP is submitted to DWR for review and is either approved, or is directed back to the GSA for further work to ensure that the basin in question is compliant with SGMA. In developing a GSP, GSAs must consider all beneficial uses and users of groundwater in the basin. Once approved by the State, a GSP guides implementation of SGMA for a 20-year period (with accommodation for periodic revisions of the GSP if warranted). The FPBGSA will prepare two GSPs, one for the Fillmore Basin and one for the Piru Basin, to achieve coordinated SGMA compliance for sustainable groundwater management.

- SGMA defines sustainable groundwater management as *“the management and use of groundwater in a manner that can be maintained during the planning and implementation horizon without causing undesirable results.”*
- SGMA identifies the following undesirable results, which are also referred to as sustainability indicators:
  - Chronic lowering of groundwater levels;
  - Reduction of groundwater storage;
  - Land subsidence that substantially interferes with surface land uses;
  - Degraded water quality, including the migration of contaminant plumes that impair water supplies;
  - Depletions of interconnected surface water and groundwater; and
  - Seawater intrusion.
- Under SGMA, beneficial users and uses include, but are not limited to:
  - Holders of overlying groundwater rights, including:
    - Agricultural users, and
    - Domestic well owners;
  - Municipal well operators;
  - Public water systems;
  - Local land use planning agencies;
  - Environmental users of groundwater;
  - Surface water users, if there is a hydrologic connection between surface and groundwater bodies;
  - The federal government, including, but not limited to, the military and managers of federal lands;
  - California Native American tribes;
  - Disadvantaged communities, including, but not limited to, those served by private domestic wells or small community water systems; and
  - Entities that are monitoring and reporting groundwater elevations in all or a part of a groundwater basin managed by the groundwater sustainability agency.
- What are the benefits of having a GSA and GSPs?
  - The formation of the FPBGSA and preparation of GSPs for the Fillmore and Piru Basins allows for local authority and control in the development and implementation of groundwater management within the Basins. It will avoid State intervention to implement SGMA. The information obtained during the GSP preparation process provides a deeper understanding of the Basins’ sustainable yield and empowers local agencies to manage and maintain the Basins. The GSPs will increase certainty about the future sustainability of local groundwater supply.
  - The GSPs will:
    - Document past and present groundwater conditions;
    - Develop a water budget;
    - Identify sustainability focused measurable objectives and minimum thresholds for each applicable sustainability indicator;
    - Identify management actions and projects to achieve and maintain sustainable groundwater conditions; and
    - Establish a monitoring program to measure the effectiveness of these actions and projects.

- What is the cost of having a GSA and GSP? What are stakeholders getting for their money?
  - The FPBGSA’s expenses include the cost of operating the agency and hiring consultants to prepare the GSP. A budget statement is presented to the FPBGSA Board of Directors at each of its monthly Board meetings, which are open to the public. The budget information is included in the full Board packets that are posted prior to each Board meeting (<https://www.fpbgsa.org/public-meetings/gsa-board-of-directors-meetings/board-packet/>).
  - The Agency has obtained a Proposition 1 grant that has significantly offset the local cost burden for GSP development.
  - During implementation of the GSP, there will be additional costs associated with implementing management actions and projects identified in the GSP.
  - As described above, the FPBGSA provides local control to determine how to manage sustainable groundwater use in the Fillmore and Piru Basins. The GSPs ensure a predictable, sustainable, and reliable source of groundwater for the future. Prudent groundwater management provides a safeguard against prolonged drought and climate change and supports our local economies and quality of life.
  - Failure to implement SGMA locally would result in State intervention and greater costs and regulation.
  
- How will SGMA affect stakeholders? Will water use be restricted or rationed? If so, by how much and when would this start? Will the cost of water increase? By how much and when?
  - SGMA provides GSAs with a number of authorities that they MAY use in order to achieve sustainable groundwater basins. Options that a GSA may use include but are not limited to:
    - Require registration and metering of groundwater extraction facilities (i.e. wells and pumps).
    - For beneficial groundwater users that extract more than two acre-feet of groundwater per year:
      - Require measurement and annual reporting of groundwater extractions.
      - Defer all costs associated with the purchase and installation of the water-measuring device to the owner operator of said groundwater extraction facility.
      - NOTE: Beneficial users that use less than two acre–feet of groundwater per year for domestic purposes only are described in SGMA as “de minimis extractors” and are not subject to the above requirements.
    - Implement rules and regulations, such as well-spacing requirements on new wells and reasonable operating regulations on existing wells including requiring extractors to operate on a rotation basis.
    - Control groundwater extractions by regulating, limiting, or suspending extractions from individual groundwater wells or extractions from groundwater wells in the aggregate, construction of new groundwater wells, enlargement of existing groundwater wells, or reactivation of abandoned groundwater wells, or otherwise establishing groundwater extraction allocations.
  - The need for management actions such as water restrictions and water costs will depend on the outcome of the analysis conducted during GSP development. The FPBGSA will seek to ensure that all beneficial users have necessary water resources and minimize regulatory costs and other burdens.

- There are a number of options to fund the management actions and projects that might be needed to achieve sustainability, including:
  - Regulatory/groundwater extraction fees;
  - Property-related fees or assessments;
  - Local taxes;
  - Local general obligation bonds;
  - Contributions from member agencies; and
  - Grants from other State and federal agencies.
- Will SGMA affect my water rights?
  - SGMA and any GSP or other groundwater management plan developed in compliance with SGMA are forbidden (by the enacting legislation) from altering surface or groundwater rights (Water Code Section 10720.5). SGMA simply allows these rights, like other property rights, to be regulated at the local level by GSAs.
- Will the GSP restrict future development within the Basins?
  - The need for and selection of management actions will depend on the outcome of the analysis conducted during GSP development. GSAs do not have authority to change land use plans, zoning, or other land use entitlements. The GSA is required to coordinate with local land use planning agencies as it develops the GSP. The GSP will inform future land use decisions.
- Are the measures implemented in the GSP permanent?
  - GSPs must be reviewed every five years by the implementing GSA and these reviews must be submitted to DWR to show how each basin is performing in its efforts to achieve and maintain sustainable groundwater. The need for and effectiveness of management actions and projects will be reconsidered during these reviews.
- What is the GSA doing to provide water? Can the GSA buy water?
  - The need for and feasibility of purchasing or providing additional water will be considered during GSP development. Under SGMA, the GSA has the authority to acquire surface water or groundwater and surface water or groundwater rights and to import surface water or groundwater.
- What is the water market stakeholders are hearing about?
  - A water market is a relatively new approach for managing groundwater use in California that sets groundwater pumping allocations and allows pumpers to sell unused allocations or buy additional allocations. This system provides flexibility and creates an incentive for groundwater conservation. A pilot water market program was established by the Fox Canyon Groundwater Management Agency for a portion of the Fox Canyon Groundwater Basin. This water market may serve as a model for other basins in the County and the state. This is one of many options for groundwater management that may be considered during preparation of the Fillmore and Piru Basins GSPs.

- What is the difference between the FPBGSA and the Fillmore and Piru Basins Pumpers Associations?
  - The Fillmore and Piru Basins Pumpers Associations were formed in December of 2014 to address pumpers' concerns and issues in each of the Basins. These Associations hold monthly meetings and have each held several stakeholder meetings since they formed in December of 2014.

The FPBGSA is a local agency formed in April of 2017 to implement SGMA in the Fillmore and Piru Basins. The Agency is a Joint Powers Authority comprised of the following three local public member agencies: United Water Conservation District, County of Ventura, and City of Fillmore. The Agency's Board of Directors includes a Fillmore Pumper Stakeholder Director and a Piru Basin Stakeholder Director to ensure that pumpers' interests are considered in Board decision-making. These Directors represent the Fillmore and Piru Basins Pumpers Associations and other pumpers in the area. The Board also includes an Environmental Stakeholder Director to represent the interests of environmental organizations engaged in the enhancement or protection of the environment overlying the Basins.

- How can stakeholders have a say in the GSP?
  - The FPBGSA is committed to an open and transparent GSP preparation process with ample opportunity for stakeholder input including:
    - **Monthly Board Meetings.** Meetings are held generally on the third Thursday of each month in the evening at the Fillmore City Council Chamber. Public comments are accepted at each meeting. At a number of these Board Meetings, technical specialists make presentations and the GSA Board holds open forums on various aspects of GSP development. Upcoming Board discussion topics are posted on the Agency's website (<https://www.fpbgsa.org/>) and Facebook page (<https://www.facebook.com/FPBGSA/>). The public is invited and encouraged to participate in these forums and provide input to the Board.
    - **Stakeholder Workshops.** The FPBGSA will hold Stakeholder Workshops throughout the GSP preparation process. These workshops will provide let the public learn about key topics and milestones, ask questions, and provide input. The preliminary schedule and SGMA topics for these workshops is:
      - SGMA 101 and Groundwater Basin Setting – April 2, 2020, Veteran's Memorial Building, 250 Central Avenue, Fillmore, 6 pm – 8 pm
      - Groundwater Modelling and Water Budgeting – June/July 2020 (Location to be determined [TBD])
      - Sustainable Management Criteria - August/September 2020 (Location(s) TBD)
      - Proposed Projects and Management Actions - October 2020 (Location(s) TBD)
      - Public Draft GSPs – June 2021 (Location(s) TBD)
    - **Website.** The FPBGSA maintains a website (<https://www.fpbgsa.org/>) that provides the public with information. It is developing a portal for submitting public comment (text and/or document upload) via the website.

- How can stakeholders stay informed of future developments in the GSP process?
  - Please sign up for the Agency's email list through the website at <https://www.fpbgsa.org/contact-us/>.
  - You may also follow the Agency's Facebook page at <https://www.facebook.com/FPBGSA/>.





**Item No. 4C MOTION**

**DATE: April 16, 2020**

**TO: Board of Directors**

**FROM: Anthony Emmert, Executive Director**

**SUBJECT: Formation of Ad Hoc Committee to Develop Agency’s Draft Budget and Rates**

**SUMMARY**

The Agency is scheduled to hold a public hearing and consider adoption of its Fiscal Year 2020-2021 budget and associated groundwater fees at its June 18, 2020 regular Board meeting. Staff recommends that the Board hold a budget and fees workshop during its May 21, 2020 regular Board meeting, or during a special meeting in May 2020. In April, staff will be working to develop budget and fees materials for Board consideration at the May 2020 workshop. Staff recommends that the Board consider creating an ad hoc committee to perform preliminary review of the budget and fees materials prior to the workshop.

**RECOMMENDATION:**

The Board will consider the formation of an ad hoc committee to develop the Agency’s draft Fiscal Year 2020-2021 budget and groundwater fees.

**BACKGROUND**

See summary

**FISCAL IMPACT**

no fiscal impact

**ATTACHMENTS**

None

Proposed Motion: “Motion to create a Fiscal Year 2020-2021 Budget and Fees Ad Hoc Committee and appoint \_\_\_\_\_ and \_\_\_\_\_ to serve on that committee.”

Director \_\_\_\_\_

2<sup>nd</sup>: Director \_\_\_\_\_

Voice/Roll call vote: Director Holmgrens:

Director Kimball:

Director Long:

Director McFadden:

Director Meneghin:

Director Pace:



**Item No.**        **4D MOTION**

**DATE:**         **April 16, 2020**

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

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

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

**SUMMARY**

At its meeting of February 20, 2020, the Board provided input to its staff and consultants regarding the agenda and documents for the workshop. Attached are copies of the original agenda and flyer (English and Spanish) for Board review and comment in preparation for the rescheduling of the Stakeholder Workshop.

Due to concerns about the coronavirus pandemic, the April 2, 2020 Stakeholder Workshop was cancelled. Topics planned for discussion at the April 2 Workshop (SGMA 101 and Basin Setting) were: SGMA 101, hydrogeological conditions, groundwater model overview, and financial budget update. The Stakeholder Engagement Ad Hoc Committee met on April 6 to review options for revising stakeholder engagement plans considering the current social distancing requirements as set forth by the California Governor's Executive Stay at Home Order and the County of Ventura's Be Well at Home Order

**RECCOMENDATION:**

The Board will review and provide direction for the canceled April 2, 2020 Stakeholder Workshop.

The ad hoc Stakeholder Engagement Committee recommends that:

- Stakeholders are informed about the progress that continues to be made on the Groundwater Sustainability Plans via the Agency's website, social medial posts, and emails to the stakeholder list.
- The April and July Stakeholder Workshops are combined into a single meeting to be held in July, conditions permitting. The July Workshop (Model and Water Budget) topics originally included: technical discussion of the groundwater model, the water budget, and a financial budget update.
  - The combined meeting topics will include:
    - SGMA 101
    - Hydrogeological Conditions
    - Groundwater Model Overview
    - Technical Discussion of Model (included at end of the meeting for those who wish to stay)
    - Water Budget
    - Budget Update

○

- To provide an additional educational resource and streamline the July meeting, DBS&A will record presentations on SGMA 101 and hydrogeological conditions. These recordings will be posted on the Agency’s website with links to the recordings provided on the Agency’s social media page. The Committee is researching the potential to broadcast these recordings on Fillmore Access TV (Channel 10), Spanish translation options, and methods to monitor the number of video streams.

These revised stakeholder engagement plans are presented for the full Board to review, provide further input, and consider approving.

**BACKGROUND**

See summary

**FISCAL IMPACT**

no fiscal impact

**ATTACHMENTS**

A Agenda for April 2, 2020 Stakeholder Workshop

B Flyer for April 2, 2020 Stakeholder Workshop

Proposed Motion: “Motion to schedule a Stakeholder Workshop in July, conditions permitting, combining the topics from the proposed April and July Stakeholder Workshops as recommended by the ad hoc committee.”

Director \_\_\_\_\_

2<sup>nd</sup>: Director \_\_\_\_\_

Voice/Roll call vote: Director Holmgrens:

Director Kimball:

Director Long:

Director McFadden:

Director Meneghin:

Director Pace:



**Groundwater Sustainability Plan (GSP) Stakeholder Workshop 1: Introduction to the Sustainable Groundwater Management Act (SGMA), Basin Conditions, and Groundwater Model**

**April 2, 2020, 6 pm – 8 pm**  
**Veteran’s Memorial Building, 250 Central Avenue, Fillmore**

**AGENDA**

<b>TIME</b>	<b>AGENDA ITEM</b>	<b>PRESENTER(S)</b>
6:00 – 6:10 pm	<b>Welcome, Introductions, and Agenda Review</b>	<b>Kelly Long</b> , Chair, FPBGSA Board of Directors <b>Edwin McFadden</b> , Vice Chair/Secretary/Treasurer, FPBGSA Board of Directors
6:10 - 6:25 pm	<b>Introduction to SGMA</b>	<b>Tony Morgan, PG, CHG</b> Vice President/Principal Hydrogeologist, DBS&A
6:25 - 6:35 pm	<b>Hydrogeological Conditions</b>	<b>Tony Morgan and Tim Moore, PG, CHG</b> Project Hydrogeologist, DBS&A
6:35 – 6:50 pm	<b>Groundwater Model Overview</b>	<b>Dan Detmer</b> , Supervising Hydrogeologist, United Water Conservation District
6:50 – 6:55 pm	<b>Budget Update</b>	<b>Anthony Emmert</b> , Executive Director, FPBGSA
6:55 – 7:55 pm	<b>Questions and Answers, Public Comments</b>	<b>All FPBGSA Board Directors</b>
7:55 pm	<b>Next Steps</b>	<b>Kelly Long</b>
8:00 pm	<b>Adjourn</b>	

*The Americans with Disabilities Act provides that no qualified individual with a disability shall be excluded from participation in, or denied the benefits of, this activity 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 Kris Sofley at the United Water Conservation District’s Office (805-525-4431). Notification of at least 48 hours prior to the meeting will enable the District to make appropriate arrangements.*

## MEETING GROUND RULES

1. **Electronics Courtesy** – please turn cell phones, or any other communication device, to “silent.”
2. **Use common conversational courtesy** – let people finish their sentences, use appropriate language, avoid private conversations.
3. **All questions and ideas have value and will be documented** – we have a variety of different personal and professional backgrounds, knowledge, and perspectives; no one individual’s ideas are valued over any other.
4. **Treat each other with respect** – it is okay to disagree, but please recognize that we all care about the Fillmore and Piru Basins.
5. **Humor is welcome** – it just should not be at someone else’s expense.
6. **Avoid editorials** – avoid passing judgment on someone else’s idea or ascribing motives to their actions; tell us instead what is important to you, tell us your interests.
7. **Honor time** – help us all make sure we get through the material and meet our goals for this meeting.



**Fillmore and Piru Basins**  
Groundwater Sustainability Agency

***The Fillmore and Piru Basins Groundwater Sustainability Agency  
invites you to attend***

**Groundwater Sustainability Plan (GSP) Stakeholder Workshop**  
***Introduction to the Sustainable Groundwater Management Act  
(SGMA), Basin Conditions, and Groundwater Model***

**April 2, 2020, 6 pm – 8 pm**

**Veteran's Memorial Building, 250 Central Avenue, Fillmore**

The Fillmore and Piru Basins Groundwater Sustainability Agency wants your input to help develop Groundwater Sustainability Plans for the Basins. The GSPs will ensure the future sustainability of groundwater use in the Basins. Ratepayers, other stakeholders, and all interested parties are encouraged to attend the Workshop.

- ***Meet the Fillmore and Piru Basins GSA Board of Directors.***
- ***Learn about:***
  - ***SGMA and how it impacts the Fillmore and Piru Basins***
  - ***The Basins' hydrogeological conditions***
  - ***How a groundwater model will be used in developing the GSPs***

***Ask questions, share your opinions, provide input for GSP preparation  
Join us at the Workshop!***

*Please RSVP to Kris Sofley via email at [kriss@unitedwater.org](mailto:kriss@unitedwater.org) or phone 805-525-4431  
Contact information may be used to provide informational updates about the Workshop*

For additional information about the Fillmore and Piru Basins GSA, please visit our website at: <https://www.fpbgsa.org/> and follow us on our Facebook page at: <https://www.facebook.com/FPBGSA/>. Spanish interpretation will be provided at this workshop.

*The Americans with Disabilities Act provides that no qualified individual with a disability shall be excluded from participation in, or denied the benefits of, this activity 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 Kris Sofley at the United Water Conservation District's Office (805-525-4431). Notification of at least 48 hours prior to the meeting will enable the District to make appropriate arrangements.*



**Fillmore and Piru Basins**  
Groundwater Sustainability Agency

## ***La Agencia de Fillmore Y Piru Basins Sostenibilidad de Las Aguas Subterráneas Le Invita a Asistir***

**Plan de Sostenibilidad de las Aguas Subterráneas (GSP) Taller de partes interesadas Introducción a la Ley de Gestión Sostenible de las Aguas Subterráneas (SGMA), Condiciones de la Cuenca y Modelo de Aguas Subterráneas**

**Abril 2, 2020, 6 pm – 8 pm**

**Edificio Memorial del Veterano, 250 Central Avenue, Fillmore**

La Agencia de Sostenibilidad de aguas subterráneas Fillmore y Piru Basins quiere su opinión para ayudar a desarrollar los Planes de Sostenibilidad de aguas subterráneas para las Cuencas. Los GSP garantizarán la sostenibilidad futura del uso de las aguas subterráneas en las Cuencas. Se alienta a los pagadores de tarifas, y a las partes interesadas a asistir al Taller.

- **Conozca la Junta Directiva de Fillmore y Piru Basins GSA.**
- **Más información sobre:**
  - o **SGMA y cómo afecta a las cuencas Fillmore y Piru**
  - o **Las Cuencas actuales condiciones hidrogeológicas**
  - o **Cómo se utilizará un modelo de aguas subterráneas en el desarrollo del SGP**

***Haga preguntas, comparta sus opiniones, proporcione información para la preparación del GSP***  
***Acompáñanos al Taller!***

**Por favor RSVP, a Kris Sofley, por correo electrónico a [kriss@unitedwater.org](mailto:kriss@unitedwater.org) o llamar 805-525-4431**

Para obtener información adicional sobre la GSA de Fillmore y Piru Basins, visite nuestro sitio web en: <https://www.fpbgsa.org/> y síganos en nuestra página de Facebook en: <https://www.facebook.com/FPBGSA/>. En este taller se ofrecerá interpretación en español. La Ley de Estadounidenses con Discapacidades establece que ninguna persona calificada con una discapacidad será excluida de la participación en, o negada a los beneficios de, esta actividad debido a cualquier discapacidad. Si necesita asistencia especial para participar en esta reunión, o si necesita materiales de la agenda en un formato alternativo, comuníquese con Kris Sofley en la Oficina del Distrito de Conservación del Agua de United (805-525-4431). La notificación de al menos 48 horas antes de la reunión permitirá al Distrito hacer los arreglos apropiados.



**Item No.** 5A Information Item  
**DATE:** April 10, 2020  
**TO:** Board of Directors  
**FROM:** Tony Morgan, Daniel B. Stephens & Associates  
**SUBJECT:** Introduction of Sustainable Management Criteria

**SUMMARY**

Daniel B. Stephens & Associates (DBS&A) personnel will present an introduction of Sustainable Management Criteria (SMC) as defined in the Sustainable Groundwater Management Act (SGMA) regulations.

**RECCOMENDATION:**

Information item. No action required.

**BACKGROUND**

The development of Groundwater Sustainability Plans (GSPs) for the Fillmore and Piru basins centers on the establishment of SMC which define the metrics and thresholds that describe sustainable conditions within the basins. Important components of the SMC include the sustainability goal, undesirable results, minimum thresholds, and measurable objectives which are, to a significant degree, defined by the Board of Directors in consultation with their technical consultants and considering the input of interested stakeholders. The CA Department of Water Resources has provided a Best Management Practice (BMP) document to help guide the Board of Directors with establishing the SMC. DBS&A personnel will review the SMC definition process with emphasis on the relationships between sustainability goals, undesirable results, minimum thresholds, and measurable objectives as they are applicable to these groundwater basins. Detailed discussions of specific SMC components (e.g., minimum thresholds or undesirable results) will be a part of future Board presentations and not a part of this introduction to SMC.

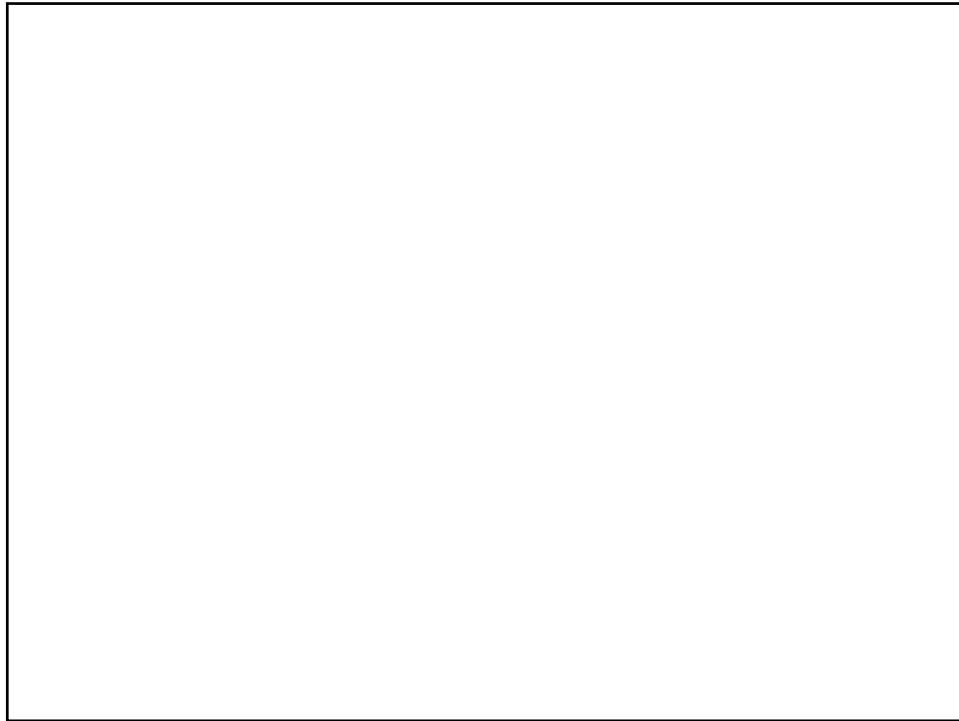
**FISCAL IMPACT**

None

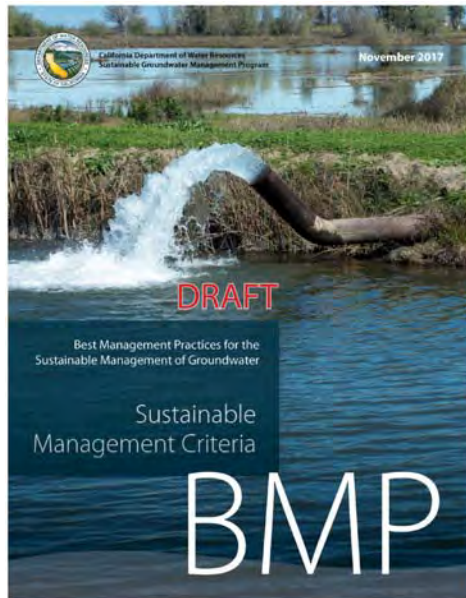
**ATTACHMENTS**

None





### Item 5A - Intro to Sustainable Management Criteria



- Draft BMP developed by DWR
- **GOAL** - sustainable groundwater conditions within 20 yrs



## Sustainability is the Goal

### § 354.24. Sustainability Goal

- A single sustainability goal for the basin
- Achieved within 20 years of GSP implementation
- Maintained without causing undesirable results



## What is Sustainability?

**...sustainable groundwater management** - the management and use of groundwater in a manner that can be maintained during the planning and implementation horizons without causing undesirable results...

...so **sustainable groundwater management** - is not a number, but absence of undesirable results...

**“Sustainable yield”** means the maximum quantity of water, calculated over a base period representative of long-term conditions in the basin, that can be withdrawn annually from a groundwater supply without causing an undesirable result.

## What is Sustainability?

“**Planning and implementation horizon**” means a 50-year period over which a groundwater sustainability agency determines that plans and measures will be implemented in a basin to ensure that the basin is operated within its sustainable yield.

“**Undesirable results**” occur when significant and unreasonable effects for any of the six sustainability indicators are caused by groundwater conditions occurring throughout the basin. Used by DWR to determine whether the sustainability goal has been achieved within the basin.



## Six Sustainability Indicators (aka *6 Deadly Sins of SGMA*)

S&U = significant and unreasonable

*undesirable results have these effects*

### Sustainability Indicators

	Chronic lowering of GW levels indicating S&U depletion of supply
	Depletions of interconnected SW that have S&U impacts on beneficial uses of SW
	S&U degraded water quality
	S&U land subsidence that interferes with surface land uses
	S&U seawater intrusion
	S&U reduction of GW storage

## Sustainable Management Criteria

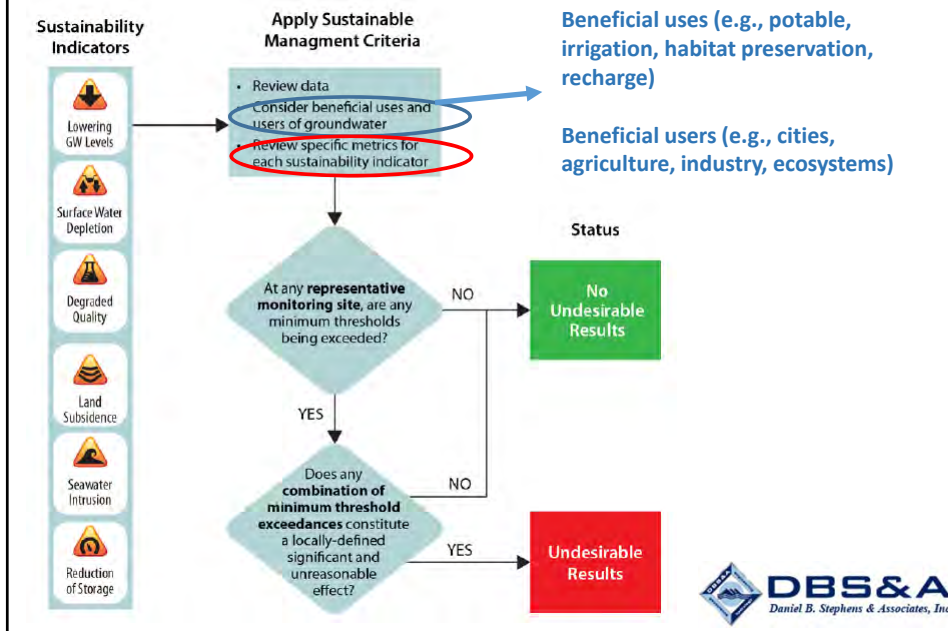
**Significant and Unreasonable** – defined by GSA. Basic element of “local control” inherent to SGMA.

**Minimum Threshold** – a numeric value for each sustainability indicator used to define undesirable results. A quantitative value that if exceeded may cause an “undesirable result” - cannot be an arbitrary number.







**Measurable Objective** – specific, quantifiable goals for the maintenance or improvement of specified groundwater conditions. Included in an adopted Plan to document progress towards achieving the sustainability goal for the basin.



## How does all of this fit together?



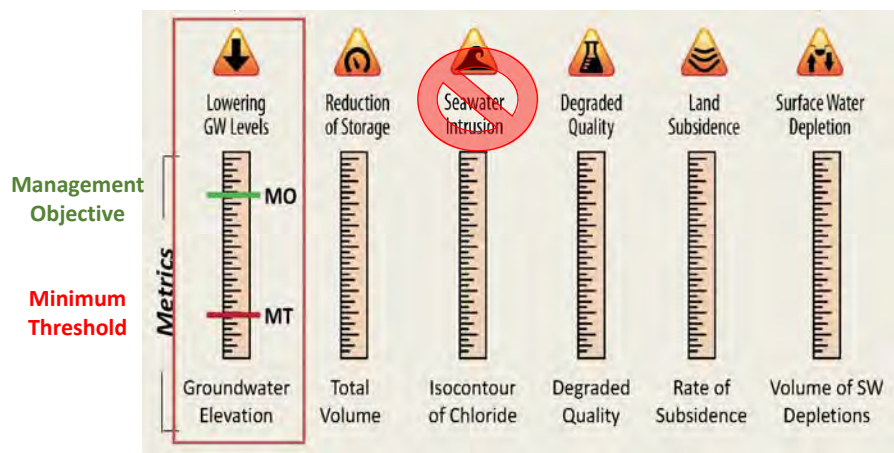
## Sustainability Indicator Metrics

Sustainability Indicators	 Lowering GW Levels	 Reduction of Storage	 Seawater Intrusion	 Degraded Quality	 Land Subsidence	 Surface Water Depletion
Metric(s) Defined in GSP Regulations	<ul style="list-style-type: none"> <li>Groundwater Elevation</li> </ul>	<ul style="list-style-type: none"> <li>Extraction Volume</li> </ul>	<ul style="list-style-type: none"> <li>Chloride concentration isocontour</li> </ul>	<ul style="list-style-type: none"> <li>Migration of Plumes</li> <li>Number of supply wells</li> <li>Volume</li> <li>Location of isocontour</li> </ul>	<ul style="list-style-type: none"> <li>Rate and Extent of Land Subsidence</li> </ul>	<ul style="list-style-type: none"> <li>Volume or rate of surface water depletion</li> </ul>

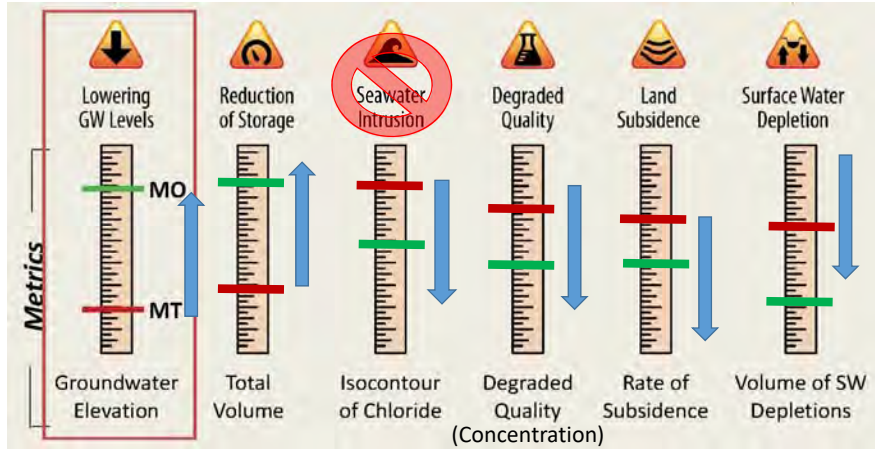
*How are we going to measure the status of various groundwater sustainability indicators?*



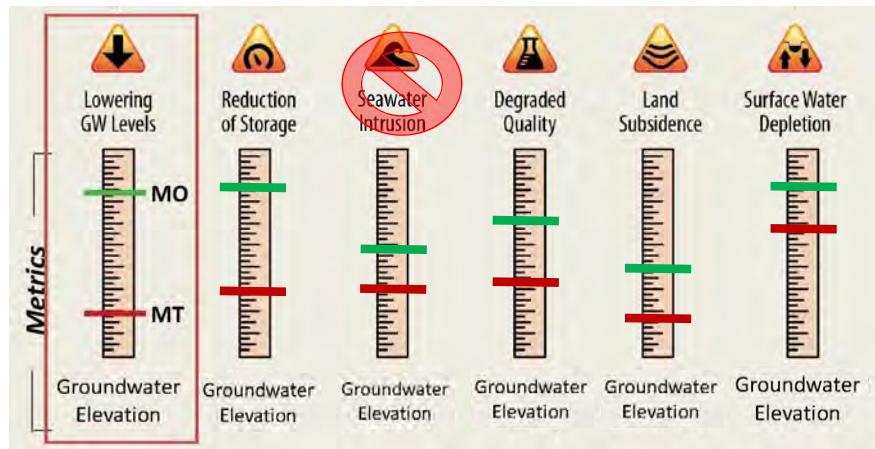
## Metrics - MOs - MTs



### Metrics - MOs - MTs



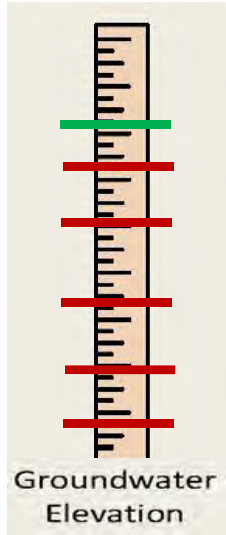
### Metrics - MOs - MTs



*Surrogate metrics are allowed!*



### Metrics - MOs - MTs

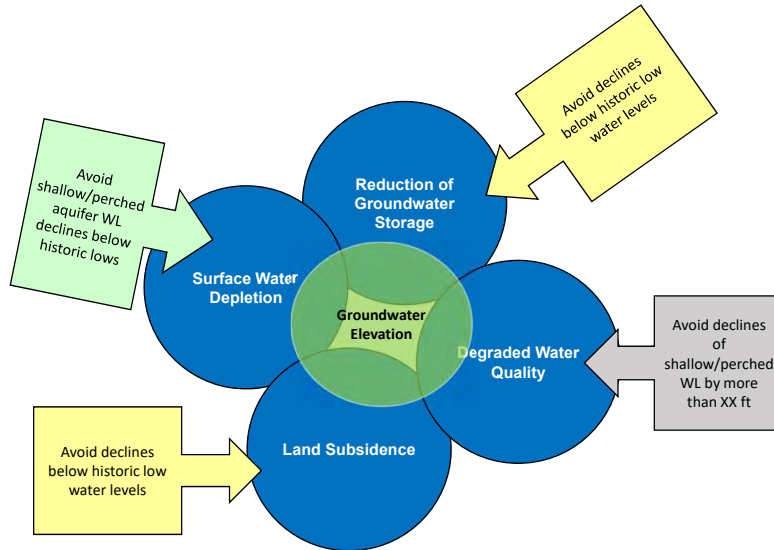


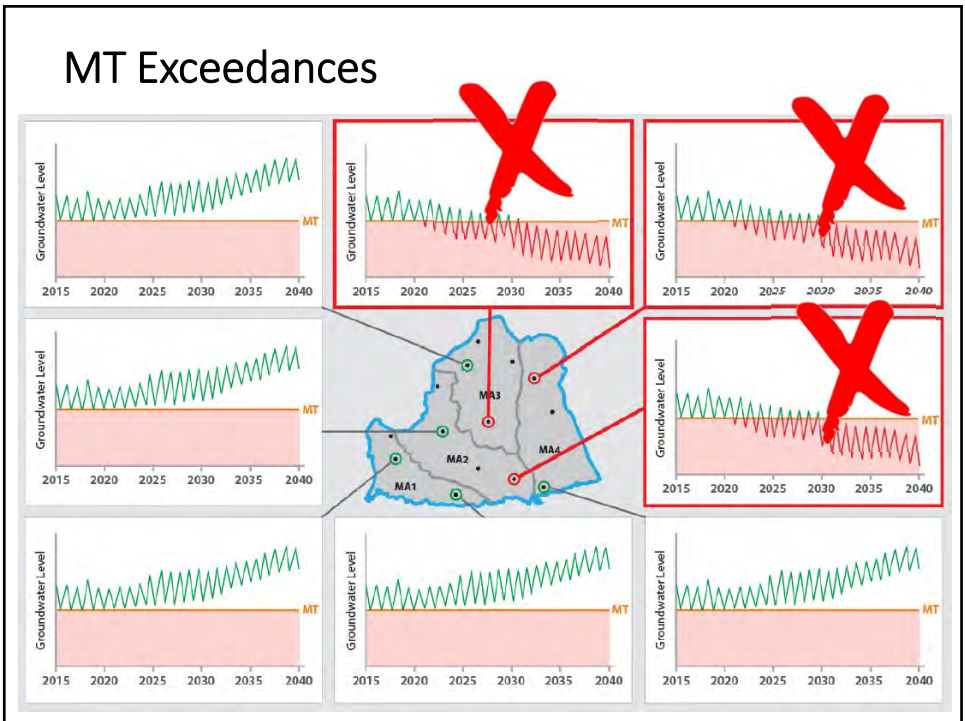
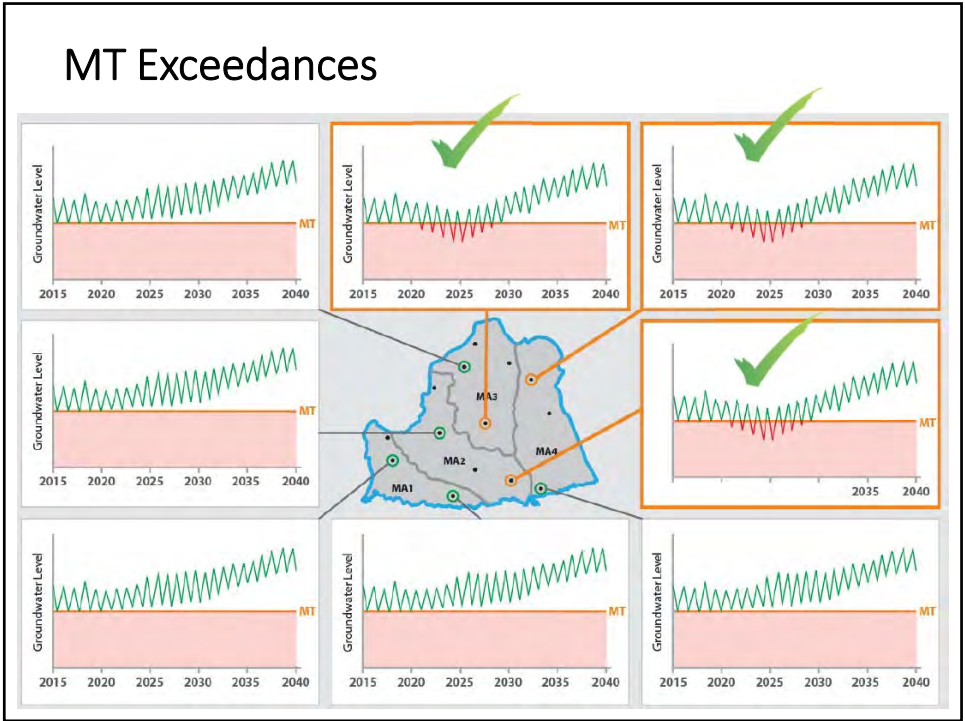
- Multi-Indicator MO
- SW Depletion
- Degraded Quality
- Reduction of Storage
- Sea Water Intrusion
- Subsidence

Can be different for each groundwater basin OR management area within a basin



### Sustainability Indicators and Minimum Thresholds (examples)

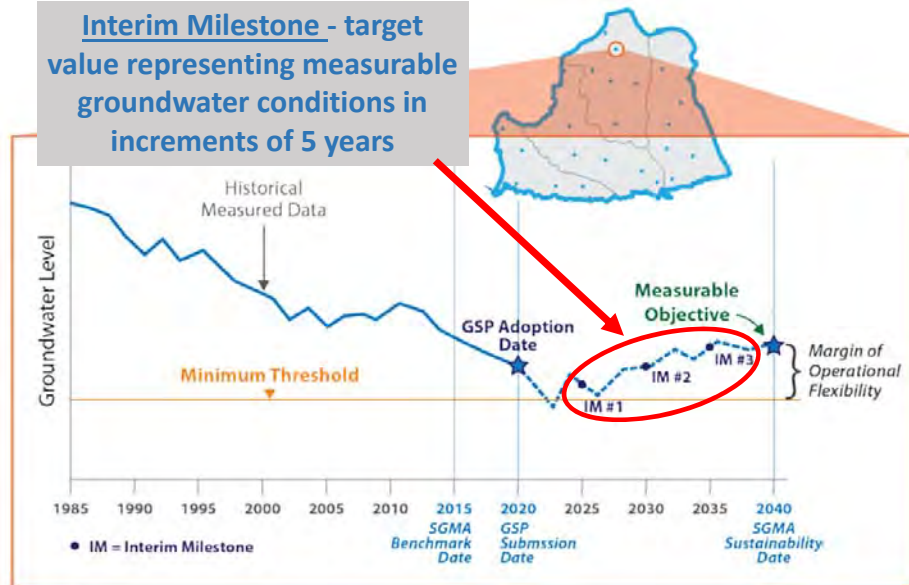






## MTs-MOs-IMs & Margin of Operational Flexibility

**Interim Milestone - target value representing measurable groundwater conditions in increments of 5 years**



**Sustainable Yield**

*"...how big is the pie..."*



**Allocation System**

*"...how big is my piece of the pie..."*

**Sustainable Yield < Demand**



*"...how can I get more pie..."*



**Water Market (example)**



**Projects or Management Actions ?**

Questions ?

