

**UPPER VENTURA RIVER GROUNDWATER AGENCY**

**NOTICE OF REGULAR MEETING**

**NOTICE IS HEREBY GIVEN** that the Upper Ventura River Groundwater Agency (“Agency”) Board of Directors (“Board”) will hold a **Regular Board Meeting at 1 P.M. on Thursday, April 8, 2021 via**

**ON-LINE OR TELECONFERENCE:**

**DIAL-IN (US TOLL FREE) 1-669-900-6833**

**Find your local number: <https://zoom.us/j/98162556615?pwd=N0RIQzlVczFYbk9xZ2dLQ0RteENDUT09>**

**JOIN BY COMPUTER, TABLET OR SMARTPHONE:**

**<https://zoom.us/j/98162556615?pwd=N0RIQzlVczFYbk9xZ2dLQ0RteENDUT09>**

**Meeting ID: 981 6255 6615**

**Passcode: 876820**

**New to Zoom, go to: <https://support.zoom.us/hc/en-us/articles/206175806>**

**PER CALIFORNIA EXECUTIVE ORDER N-29-20, SECTION 3: A local legislative body is authorized to hold public meetings via teleconferencing and to make public meetings accessible telephonically or otherwise electronically to all members of the public seeking to observe and to address the local legislative body. A physical location accessible for the public to participate in the teleconference is not required.**

**UPPER VENTURA RIVER GROUNDWATER AGENCY BOARD OF DIRECTORS**  
**REGULAR MEETING AGENDA**

**April 8, 2021**

**1. MEETING CALL TO ORDER**

**2. PLEDGE OF ALLEGIANCE**

**3. ROLL CALL**

**4. APPROVAL OF AGENDA**

**5. PUBLIC COMMENT FOR ITEMS NOT APPEARING ON THE AGENDA**

The Board will receive public comments on items not appearing on the agenda and within the subject matter jurisdiction of the Agency. The Board will not enter into a detailed discussion or take any action on any items presented during public comments. Such items may only be referred to the Executive Director or other staff for administrative action or scheduled on a subsequent agenda for discussion. Persons wishing to speak on specific agenda items should do so at the time specified for those items. In accordance with Government Code § 54954.3(b)(1), public comment will be limited to three (3) minutes per speaker.

## **6. 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.

- a. Approve Minutes from March 11, 2021 Regular Board Meeting**
- b. Approve Minutes from March 25, 2021 Special Board Meeting**
- c. Approve Financial Report for March 2021**

## **7. DIRECTOR ANNOUNCEMENTS**

- a. Directors may provide oral reports on items not appearing on the agenda.**
- b. Directors shall report time spent on cost-share eligible activities for the 2017 Proposition 1 Sustainable Groundwater Management Planning (SGWP) Grant.**

## **8. EXECUTIVE DIRECTOR'S REPORT**

The Board will receive an update from the Executive Director concerning miscellaneous matters and Agency correspondence. The Board may provide feedback to staff.

## **9. ADMINISTRATIVE ITEMS**

### **a. Appoint Secretary**

The Board will consider appointing a secretary for the period April 8, 2021 through June 30, 2021.

### **b. Ad Hoc Committees**

The Board will review and consider potential changes to ad hoc committee duties, assignments, and terms.

### **c. Bank of Sierra Authorized Check Signers and Invoice Review Procedures**

The Board will consider adopting draft Resolution 2021-02 to reduce the number of required check signers to one, if only one Officer is willing to sign checks.

## **10. GSP ITEMS**

### **a. Groundwater Sustainability Plan Update (Grant Category (d); Task 11: GSP Development and Preparation)**

The Board will receive an update from the Executive Director concerning groundwater sustainability plan development and consider providing feedback.

### **b. Sustainable Management Criteria (Grant Category (d); Task 11: GSP Development and Preparation)**

The Board will receive a presentation concerning groundwater model results and groundwater dependent ecosystems and will consider providing feedback to staff.

## **11. COMMITTEE REPORTS**

### **a. Ad Hoc Stakeholder Engagement Committee**

The committee will provide an update on Stakeholder Engagement Plan implementation activities since the last Board meeting and receive feedback from the Board.

## **12. FUTURE AGENDA ITEMS**

This is an opportunity for the Directors to request items for future Board meeting agendas.

## **13. ADJOURNMENT**

The next scheduled Regular Board meeting is May 13, 2021.

**DRAFT UPPER VENTURA RIVER GROUNDWATER AGENCY  
MINUTES OF REGULAR MEETING MARCH 11, 2021**

The Board meeting was held via teleconference, in accordance with California Executive Order N-25-20. Directors present were Bruce Kuebler, Larry Rose, Emily Ayala, Susan Rungren, Angelo Spandrio, Glenn Shephard, and Chair Diana Engle. Also present: Executive Director Bryan Bondy, Agency Counsel Keith Lemieux, and Administrative Assistant Maureen Tucker.

**ON-LINE OR TELECONFERENCE:**

**DIAL-IN (US TOLL FREE) 1-669-900-6833**

**DIAL-IN (US TOLL FREE) 1-669-900-6833 Find your local number:**

**<https://zoom.us/j/93878854989?pwd=cGFINmR5NVJldTBwNXo4ZW5vVE9TQT09> Meeting  
ID: 938 7885 4989 Passcode: 985632**

**1) CALL TO ORDER**

Chair Engle called the meeting to order at 1:01p.m.

**2) PLEDGE OF ALLEGIANCE**

Chair Engle led the Pledge of Allegiance.

**3) ROLL CALL**

Executive Director Bondy called roll.

Directors present: Bruce Kuebler, Larry Rose, Susan Rungren, Angelo Spandrio, Glenn Shephard, Emily Ayala, Diana Engle.

Directors absent: none

Public: Burt Handy and Steve Slack

**4) APPROVAL OF AGENDA**

Chair Engle asked if there are any proposed changes to the agenda. Executive Director Bondy recommended deferring Item 10b to a future meeting. The model results are not quite ready for presentation.

Director Kuebler moved agenda approval with the requested adjustment. Director Shepherd seconded the motion.

## Item 6a

Roll Call Vote: B. Kuebler – Y L. Rose – Y E. Ayala – Y D. Engle - Y  
S. Rungren – Y G. Shephard – Y A. Spandrio – Y

Absent: None

Noes: None.

### **5) PUBLIC COMMENTS ON ITEMS NOT APPEARING ON THE AGENDA**

Chair Engle asked if there are any public comments on items not appearing on the agenda.

No public comments were offered.

### **6) CONSENT CALENDAR**

- a. Approve Minutes from February 11, 2021 Regular Board Meeting**
- b. Approve Minutes from March 2, 2021 Special Board Meeting**
- c. Approve Financial Report for February 2021**

Director Kuebler moved to approve the consent calendar items. Director Rose seconded the motion.

Roll Call Vote: B. Kuebler – Y L. Rose – Y E. Ayala – Y D. Engle - Y  
S. Rungren – Y G. Shephard – Y A. Spandrio – Y

Absent: None.

Noes: None.

### **7) DIRECTORS ANNOUNCEMENTS**

- a. Directors may provide oral reports on items not appearing on the agenda.**
- b. Directors shall report time spent on cost-sharing eligible activities for the 2017 Proposition 1 Sustainable Groundwater Management Planning (SGWP) Grant.**

Director Kuebler: No report and no time.

Director Rungren: Ventura Water Commission recommended a 7% increase on water rates and a 6% increase on wastewater rate for the next five years. City Council will consider approving on March 22. No time.

Director Rose: Spent two hours working on access for monitoring wells.

Director Shephard: No report and no time.

Director Spandrio stated that he will be resigning his directorship at Casitas MWD effective March 26, 2021. No time.

Director Ayala: No report and no time.

## Item 6a

Director Engle: No report and no time.

The Board thanked Director Spandrio for his service on the Board.

### 8) EXECUTIVE DIRECTOR'S REPORT

Executive Director Bondy briefly reviewed the written staff report with the Board.

Chair Engle asked for Director comments.

Director Ayala expressed an interest in the Camino Cielo surface water gage startup and requested notification so she could observe.

Public: Burt Handy asked about the status of the monitoring wells at the Ojai Burn Dump site. Director Shephard said that his staff is looking into it.

### 9) ADMINISTRATIVE ITEMS

#### a. California Environmental Quality Act Notice of Exemption for Wildlife Conservation Board Grant Monitoring Sites (Resolution 2021-01)

Executive Director Bondy reviewed the proposed notice of exemption (NOE) for the monitoring sites included in the Wildlife Conservation Board (WCB) grant application. He explained the NOE is supported by an analysis completed by Rincon Consultants that confirms the applicability of the statutory exemptions. He added that the Rincon memorandum also describes avoidance and minimization measures that will be used to ensure the project does not have a significant impact to the environment.

Chair Engle asked for Director comments or questions.

Directors Kuebler and Ayala said they were surprised by the detailed in the memo. Director Rose said it was very thorough. Director Kuebler asked about the costs for the monitoring recommended by Rincon. Executive Director Bondy explained that he reviewed the entire memo and worked with Rincon to come up with a more streamlined approach to control costs commensurate with the risk for the type of work proposed. He added that the memo errs on the side of caution because WCB has the discretion to determine whether our CEQA analysis is adequate as part of their grant award process. Chair Engle said she is grateful for the thoroughness and feels comfortable knowing that Executive Director Bondy reviewed the recommendations.

Director Rose moved to adopt Resolution 2021-01. Seconded by Director Ayala.

No public comment.

Roll Call Vote:	B. Kuebler – Y	L. Rose – Y	E. Ayala – Y	D. Engle - Y
	S. Rungren – Y	G. Shephard – Y	A. Spandrio – Y	

Noes: None.

Absent: None

**b. California Department of Fish and Wildlife Draft Instream Flow Regime Recommendations for the Lower Ventura River, Ventura County**

Executive Director Bondy explained that the Board asked for an agenda item to discuss whether the Agency should submit comments on the CDFW Draft Instream Flow Regime Recommendations. He explained that staff feels CDWF is addressing a related, but different problem than UVRGA. He explained that SMGA requirements are focused on avoiding undesirable results, which occur at low flow. In contrast CDWF appears to be establishing flowrates for ideal habitat conditions. For that reason, he was unsure whether UVRGA is the appropriate agency to comment and added that the Member Agencies may be in a better position to comment.

Chair Engle said she has similar thoughts as the Executive Director. She then asked for Director comments.

Director Shephard agreed with Chair Engle and the Executive Director

Director Kuebler said that the Agency should comment on the lack of consideration of habit issues. He also expressed concerns about the recommendation to halt diversions and pumping when flows are less than the recommendations.

Director Ayala said that the water users are looking to the public agencies to comment and feels the Agency should prepare comments.

Director Rungren said that it would not hurt to submit a comment letter to address the concerns raised earlier.

Chair Engle asked for public comments.

Burt Handy expressed support for a comment letter.

Steve Slack, CDFW said that his Agency is very interested in obtaining feedback on the flow recommendations and encouraged UVRGA to comment.

Executive Director Bondy said he would prepare a draft comment letter based on what he heard and bring it to the Board for consideration. He added that a special meeting will be needed before the March 29 comment deadline, which will be addressed later in the meeting.

Chair Engle asked if any directors would object to a letter, pending Board review. No objections were made.

## 10) GSP ITEMS

### **a. Groundwater Sustainability Plan Update (Grant Category (d); Task 11: GSP Development and Preparation)**

Executive Director Bondy reviewed the written staff report and attached GSP schedule.

Chair Engle asked for Director comments or questions. None were offered.

Chair Engle asked for public comments.

Burt Handy mentioned a recent Maven Article that may be of interest.

### **b. Groundwater Modeling Results (Grant Category (d); Task 11: GSP Development and Preparation)**

This item was removed from the agenda during agenda review (Item 4).

### **c. Degraded Water Quality Sustainable Management Criteria (Grant Category (d); Task 11: GSP Development and Preparation)**

Executive Director Bondy explained that staff is seeking Board approval to move forward with incorporating the draft Degraded Water Quality sustainable management criteria (SCM) into the draft GSP. He then reviewed key slides from the recent GSP Workshop No. 2 pertaining to the Degraded Water Quality Sustainable Management Criteria (slides were included in the Board meeting packet). He explained that positive feedback was received during the workshop.

Chair Engle asked for Director comments or questions.

Director Kuebler asked if any additional feedback was received. Executive Director Bondy said one comment was received on-line. The on-line comment was about surface water temperature and dissolved oxygen, which he felt will be more appropriately addressed in the SCM for Depletion of Interconnected Surface Water sustainability indicator. Director Kuebler said he supports the proposed SMC and thanked Executive Director Bondy.

Chair Engle asked for public comments. None were offered.

Director Rose moved to approve sustainable management criteria for the degraded water quality sustainability indicator for inclusion in forthcoming draft groundwater sustainability plan. Seconded by Director Shephard.

Roll Call Vote:    B. Kuebler – Y            L. Rose – Y            E. Ayala – Y            D. Engle - Y  
                             S. Rungren – Y            G. Shephard – Y    A. Spandrio – Y

Noes: None.

Absent: None



**d. Special Board Meetings (Grant Category (c); Task 10; Stakeholder Outreach and Engagement)**

Executive Director Bondy said that special meetings will be needed to address the forthcoming decisions necessary to complete the GSP. He recommends setting a monthly special meeting date for the remainder of the calendar year to be used on an as-needed basis.

The Board discussed the special meeting options provided in the staff report. The Board identified the 4<sup>th</sup> Thursday of the month as the best option. The Chair and Executive Director will schedule special meetings on the 4<sup>th</sup> Thursday of the month, as needed.

Chair Engle asked for public comments. None were offered.

No motion.

**e. GSP Workshop No. 3 (Grant Category (c); Task 10; Stakeholder Outreach and Engagement)**

Executive Director Bondy recommended scheduling the GSP Workshop No. 3 in late April to obtain feedback on the SMC. The Board discussed the dates provided in the staff report. Thursday April 29 at 6:30 PM was identified as the best date and time for the Directors' schedules.

No motion.

**11) COMMITTEE REPORTS**

**a. Ad Hoc Stakeholder Engagement Committee**

The Committee had no report, but the members provided a few suggestions to staff for the next workshop. Director Ayala suggested sending out an e-mail reminder a few days before the workshop and Director Rose suggested a "day of" reminder. It was also suggested that the registration process be skipped because it may be a barrier to attendance for some people. Executive Director Bondy thanked the Directors for the feedback and said we would implement the recommendations.

**12) FUTURE AGENDA ITEMS**

Director Ayala said she will not be available for April 8<sup>th</sup> meeting.

Executive Director Bondy said that Board will need to appoint a new secretary to replace Director Spandrio.

**13) ADJOURNMENT** – The meeting was adjourned at 2:43 p.m.

Action: \_\_\_\_\_

Motion: \_\_\_\_\_ Second: \_\_\_\_\_

B.Kuebler\_\_\_\_ D.Engle\_\_\_\_ R. Hajas\_\_\_\_ S.Rungren\_\_\_\_ G.Shephard\_\_\_\_ E.Ayala\_\_\_\_ L.Rose\_\_\_\_

**DRAFT UPPER VENTURA RIVER GROUNDWATER AGENCY  
MINUTES OF SPECIAL MEETING MARCH 25, 2021**

The Board meeting was held via teleconference, in accordance with California Executive Order N-25-20. Directors present were Bruce Kuebler, Larry Rose, Emily Ayala, Susan Rungren, Pete Kaiser, and Chair Diana Engle. Also present: Executive Director Bryan Bondy, Agency Counsel Keith Lemieux, and Administrative Assistant Maureen Tucker.

**ON-LINE OR TELECONFERENCE:**

**DIAL-IN (US TOLL FREE) 1-669-900-6833**

**Find your local number: <https://zoom.us/j/91607155032?pwd=RIBKQWUrR2o1TzR3S0xlSFZTV1hXUT09>**

**JOIN BY COMPUTER, TABLET OR SMARTPHONE:**

**<https://zoom.us/j/91607155032?pwd=RIBKQWUrR2o1TzR3S0xlSFZTV1hXUT09>**

**Meeting ID: 916 0715 5032**

**Passcode: 823009**

**1) CALL TO ORDER**

Chair Engle called the meeting to order at 1:02 p.m.

**2) PLEDGE OF ALLEGIANCE**

Chair Engle led the Pledge of Allegiance.

**3) ROLL CALL**

Executive Director Bondy introduced Pete Kaiser, Director, Casitas Municipal Water District, who is attending as Casitas's new UVRGA Alternate Director.

Executive Director Bondy called roll.

Directors present: Bruce Kuebler, Larry Rose, Susan Rungren, Pete Kaiser, Emily Ayala, Chair Diana Engle.

Directors absent: Glen Shephard

Public: Burt Handy, Steve Slack, Ben Pitterle, Bert Rapp, Paul Jenkins, and Abhishek Singh

**4) APPROVAL OF AGENDA**

Chair Engle asked if there are any proposed changes to the agenda. Executive Director Bondy said there are no changes recommended by staff.

Director Kuebler moved agenda approval. Director Rungren seconded the motion.

## Item 6b

Roll Call Vote:    B. Kuebler – Y            L. Rose – Y    E. Ayala – Y  
                             S. Rungren – Y            P. Kaiser - Y    D. Engle - Y

Absent: G. Shephard

Noes: None.

### **5) PUBLIC COMMENTS ON ITEMS NOT APPEARING ON THE AGENDA**

Chair Engle asked if there are any public comments on items not appearing on the agenda.

No public comments were offered.

### **6) ADMINISTRATIVE ITEMS**

#### **a. Comment Letter - California Department of Fish and Wildlife Draft Instream Flow Regime Recommendations for the Lower Ventura River, Ventura County.**

Executive Director Bondy explained that the Board asked him to prepare a brief comment letter addressing the California Department of Fish and Wildlife (CDFW) Draft Instream Flow Regime Recommendations. He offered to review the draft comment letter with the Board, if desired.

Chair Engle asked for Director's questions.

Director Kaiser asked if the second comment is speaking about climate change. Executive Director Bondy said no and explained that the comment is addressing the different flow volumes in wet versus dry versus normal rainfall years.

Public Comments:

Ben Pitterle, Santa Barbara Channelkeepers, said he did not have a strong opinion, but wanted to make two minor points. First, he agrees habitat is important, but feels that the report is focused on flow, thus, he is not sure the first comment in the letter is needed. Second, he agrees that interannual variability in flow exists, but he does not believe flow recommendations need to be made for dry versus wet years.

Paul Jenkins, Surfrider, said he did not have any specific comments. He said CDFW's use of many methods and data sources makes it hard to understand where the recommendations come from and what they mean. He feels his thoughts align with the third comment in the UVRGA draft letter.

Chair Engle thanked Mr. Pitterle and Mr. Jenkins for their comments.

Chair Engle asked for Director edits or comments:

Director Kaiser - Good letter, no problems.

Director Rose – Nothing to add.

## Item 6b

Director Kuebler- Good job, captures the essence of his concerns.

Director Ayala – Recommended adding a sentence at the end about being a public agency and finding solutions. Executive Director Bondy suggested “*As a public agency in the watershed, we look forward to working toward a sustainable future that balances the needs of all water users.*” Director Ayala agreed with the proposed sentence.

Director Rungren – Good letter and agreed with Director Ayala’s recommendation.

Director Engle – No comments.

Director Kaiser moved to direct the Executive Director to submit the comment letter as amended. Seconded by Director Ayala.

Roll Call Vote:	B. Kuebler – Y	L. Rose – Y	E. Ayala – Y
	S. Rungren – Y	P. Kaiser - Y	D. Engle - Y

Absent: G. Shephard

Noes: None.

### 7) GSP ITEMS

#### a. Groundwater Modeling Results (Grant Category (d); Task 11: GSP Development and Preparation)

Executive Director Bondy gave a presentation addressing the following topics:

- GSP development schedule;
- Sustainable Management Criteria development status and schedule;
- 50-yr future surface water and groundwater budgets, including projected climate change effects;
- 50-year streamflow and groundwater level projections, including projected climate change effects;
- Pumping effects on groundwater levels; and
- Overview of the Chronic Lowering of Groundwater Levels & Groundwater Storage sustainability indicators.

The presentation slides are attached to these minutes for the record.

The Directors asked clarifying questions and offered comments on the charts during the presentation.

## Item 6b

Executive Director Bondy explained that the Water Code language concerning the Chronic Lowering of Groundwater Levels sustainability indicator conflicts with how DWR is applying the concept of undesirable results in their GSP reviews. He cited language from the OBGMA's alternative GSP review as an example. His conclusion is that the GSP will need to address any undesirable results (URs) caused by pumping, even during a drought. He added that potential URs would be related to groundwater dependent ecosystems (GDEs) in the Casitas Springs and/or Kennedy Areas. Rincon Consultants is analyzing potential significant and unreasonable effects on GDEs. He said the Board should provide feedback on this issue because it is a threshold question.

The Board discussed the Chronic Lowering of Groundwater Levels sustainability indicator.

During the discussion, Chair Engle asked for public comments.

Public comments:

Burt Handy asked a clarifying question that Executive Director Bondy responded to.

Paul Jenkins commented that GDEs are important for habitat, including providing shade for the stream.

After further discussion, the Board decided to continue the discussion, pending presentation of the GDE analysis. Executive Director Bondy said that he hopes to present the GDE information during the April 8 Regular Board Meeting.

### **8) FUTURE AGENDA ITEMS**

None

### **9) ADJOURNMENT** – The meeting was adjourned at 4:05p.m.

Action: \_\_\_\_\_

Motion: \_\_\_\_\_ Second: \_\_\_\_\_

B.Kuebler \_\_\_\_\_ D.Engle \_\_\_\_\_ R. Hajas \_\_\_\_\_ S.Rungren \_\_\_\_\_ G.Shephard \_\_\_\_\_ E.Ayala \_\_\_\_\_ L.Rose \_\_\_\_\_



**Upper Ventura River  
GROUNDWATER AGENCY**  
SUSTAINABLE MANAGEMENT

***UVRGA BOARD MEETING  
MARCH 25, 2021***

***ITEM 7A  
MODEL RESULTS  
&  
SMC IMPLICATIONS***

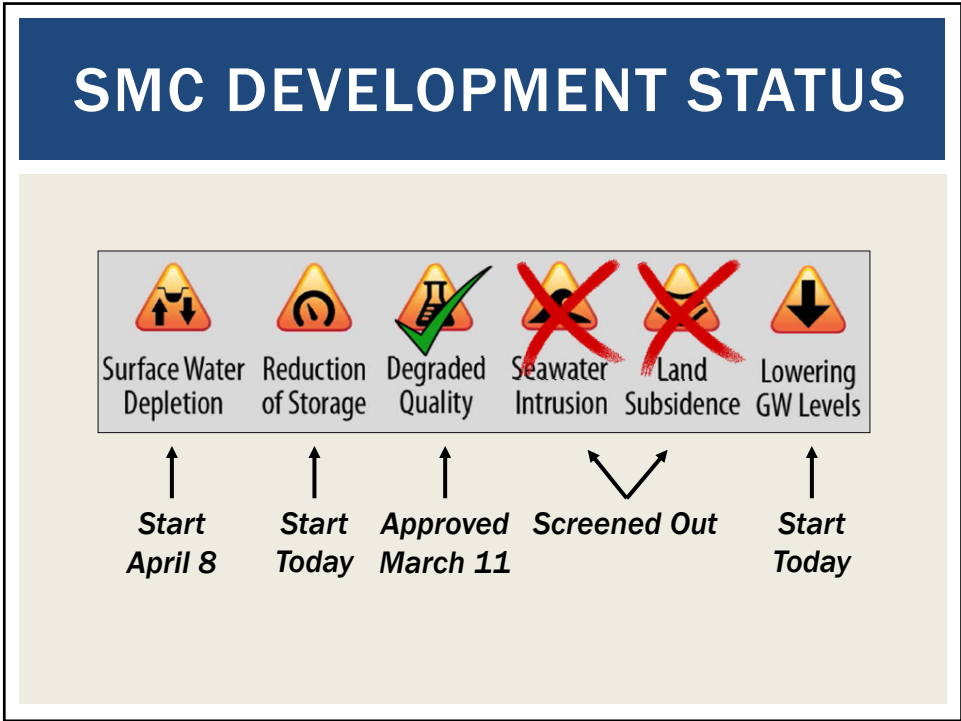


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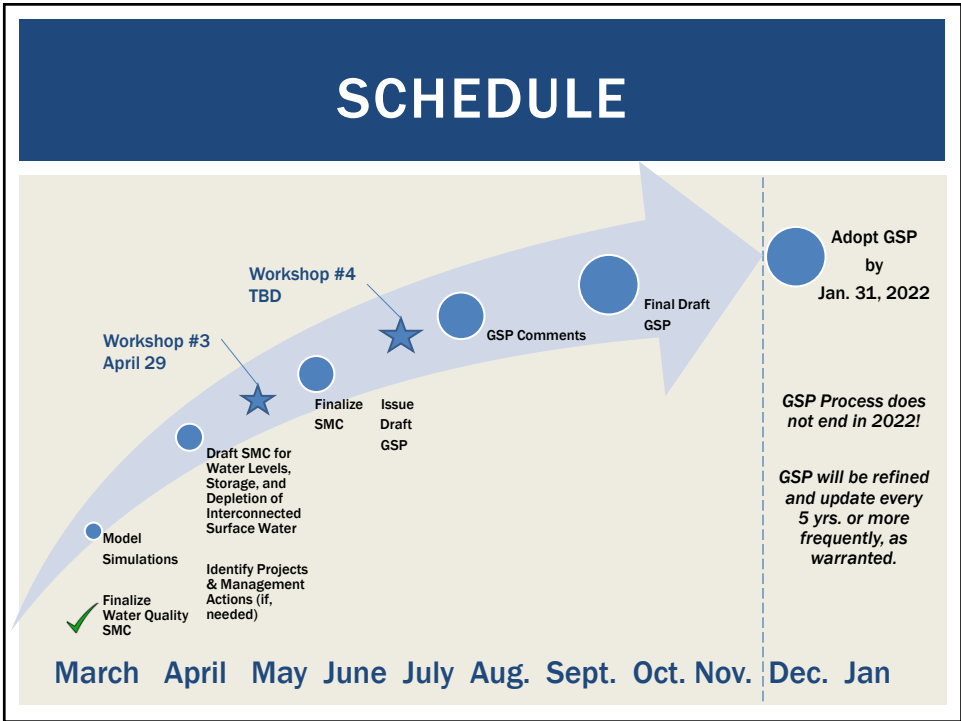
## GOALS FOR TODAY

1. SMC Status Review
2. Review Water Budget Results
3. Review Projected Groundwater Levels and Streamflows
4. Initial Review of Chronic Groundwater Level Decline & Groundwater Storage Sustainability Indicators

2



3



4

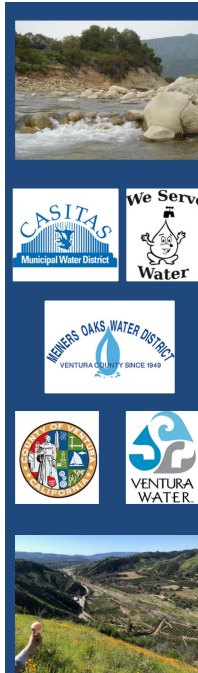
## NEXT STEPS FOR SMC

- **Today**
  - Discuss results of future simulations
  - Begin Chronic GW Level Decline & GW Storage SMC
- **April 8 Regular Board Meeting**
  - Discuss additional model results
  - Begin Depletion of Interconnected Surface Water SMC
- **April 22 Special Board Meeting**
  - Continue SMC discussions
  - Agree Workshop #3 content for SMC
- **April 29 Workshop #3**
  - Obtain feedback on remaining SCM
- **May 6 or 20 Board Meetings – finalize SMC for draft GSP**

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## MODEL RESULTS



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## SGMA PROJECTED WATER BUDGET REQUIREMENTS

- SGMA requires 50-yr future projections of groundwater conditions, including water budget for the basin
- Must use  $\geq 50$  yrs. of *historical* hydrology
- Must use most recent conditions for baseline estimate of future water demands
- Must evaluate potential effects on water demand due to:
  - Land Use Change
  - Population Change
  - Climate Change

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## FUTURE CONDITIONS KEY ASSUMPTIONS

- Discussed with Board on 12/10/2020
- Hydrology
  - 1970 – 2019 is proxy for future conditions
    - Several wet-dry cycles
    - Precipitation average similar to long-term average
    - Includes 1985 Wheeler and 2017 Thomas Fires

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## FUTURE CONDITIONS KEY ASSUMPTIONS

### ■ Groundwater Pumping:

#### ■ Domestic:

- Assumed 2 AF/yr per well and 184 AF/yr all wells

#### ■ Mutual Water Companies:

- Assumed same as historical pumping: 31 AF/yr

#### ■ Agricultural: 1,079 AF/yr (average)

- Ad Hoc committee and Exec. Dir. estimated pumping based on available data and outreach to pumpers
- Baseline pumping adjusted annually by precipitation/ET
- Pumping distributed throughout given year based on ET

*Note :*

*Pumping amounts used in model simulations are for planning purposes only.  
The pumping amounts are not water rights or allocations.*

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## FUTURE CONDITIONS KEY ASSUMPTIONS

### ■ Groundwater Pumping (con't):

#### ■ Water Districts – per District feedback on Dec. 10, 2020

- Two pumping rates: dry years and normal-wet years:

District	Dry Year (AF/yr)	Wet-Normal Year (AF/yr)
CMWD	45	188
MOWD	487	924
VRWD	863	950

- Pumping distributed throughout given year based on available data

*Note :*

*Pumping amounts used in model simulations are for planning purposes only.  
The pumping amounts are not water rights or allocations.*

**DRAFT**

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## FUTURE CONDITIONS KEY ASSUMPTIONS

### ■ Groundwater Pumping (con't):

- Updated per additional discussions with City:
- City of Ventura: per 2020 CWRR:
  - Wet/Normal Year 4,200 AF/yr
  - One-Two consecutive dry years 1,573 AF/yr
  - Third+ consecutive dry years 1,298 AF/yr
  - Distribute throughout year based on available data and

Wet & normal years:

January	February	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Sum
3.84%	6.63%	9.17%	9.47%	10.21%	9.91%	9.77%	9.85%	9.25%	9.03%	7.45%	5.43%	100.00%

Dry years:

January	February	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Sum
0%	16.67%	16.67%	16.67%	16.67%	16.67%	16.67%	0%	0%	0%	0%	0%	100.00%

**Note :**

*Pumping amounts used in model simulations are for planning purposes only.  
The pumping amounts are not water rights or allocations.*

**DRAFT**

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## SGMA REQUIRED ANALYSIS

### ■ Land Use Impact

- Significant land use change not expected due to SOAR voter initiatives approved through 2050.

### ■ Population Change

- Same as above.

### ■ Climate Change

- Evaluated climate change using DWR change factors for 2030 and 2070 climate change conditions

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## MODEL SCENARIOS

- Historical: 2005-2019 (calibration model)
- Baseline: This simulation employs the future assumptions described above.
- 2030 Climate Change: Baseline inputs modified using DWR 2030 “climate change factors”
- 2070 Climate Change: Baseline inputs modified using DWR 2070 “climate change factors”

Simulations Required for Water Budget ↑  
Add'l Simulations To Support SMCs ↓

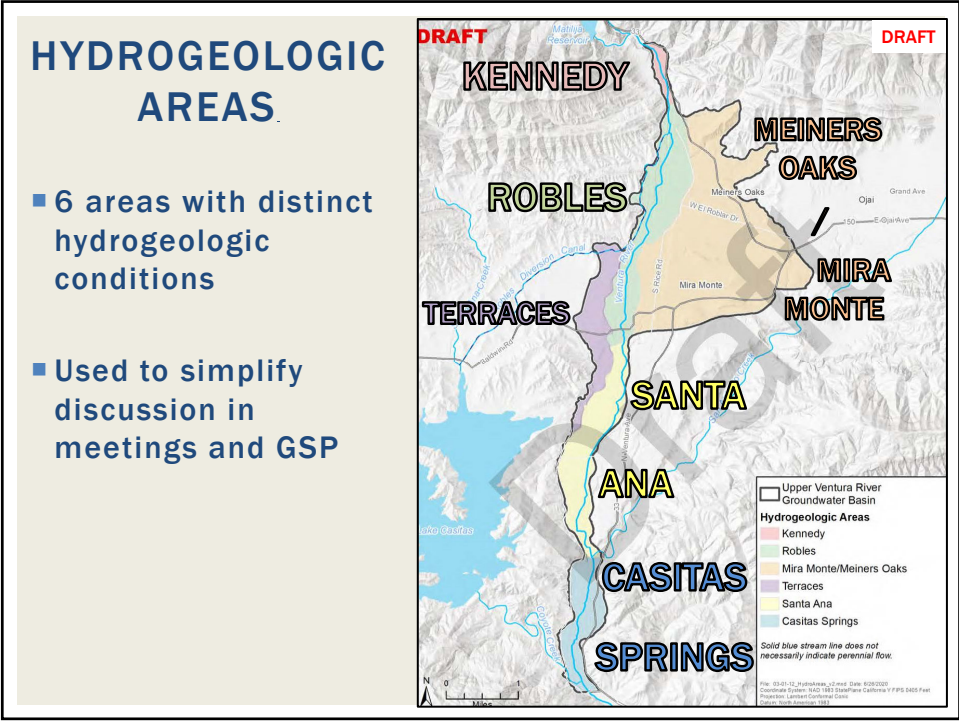
- Baseline No Pumping: Baseline w/o GW pumping

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## MODEL RESULTS

- **Today**
  - **Climate Change Effects:**
    - Water Budget
    - Groundwater Levels
    - Stream flow
  - **Pumping Effects on Groundwater Levels**
- **April 8**
  - **Additional results relevant to SMCs**

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**Upper Ventura River**  
**GROUNDWATER AGENCY**  
SUSTAINABLE MANAGEMENT

**WATER BUDGET  
&  
CLIMATE CHANGE  
EFFECTS**

**CASITAS**  
Municipal Water District

**We Serve  
Water**

**MEINERS OAKS WATER DISTRICT**  
VENTURA COUNTY SINCE 1949

**VENTURA WATER**

**VENTURA COUNTY**

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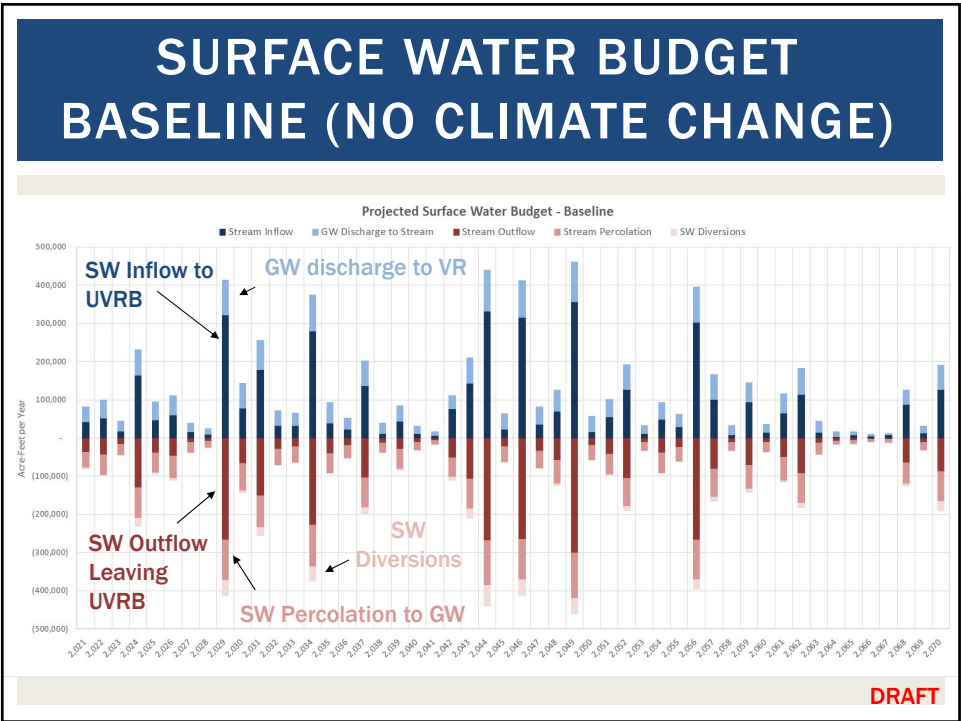
# CLIMATE CHANGE EFFECTS ON WATER BUDGETS

■ Evaluation Method:

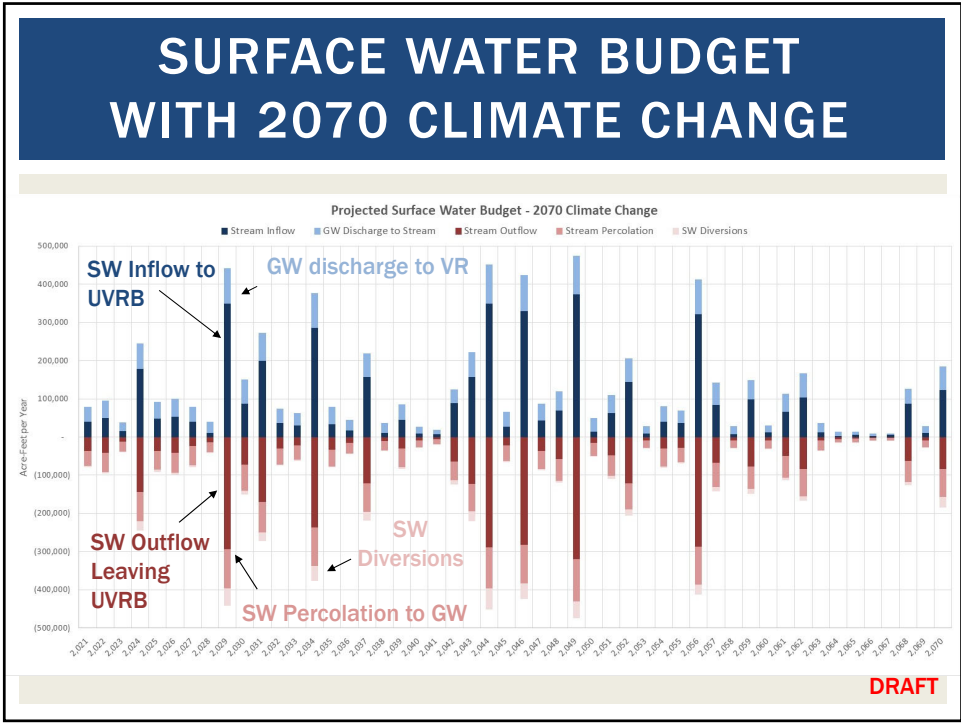
■ Compare baseline simulation with simulations incorporating 2030 and 2070 climate change factors

DRAFT

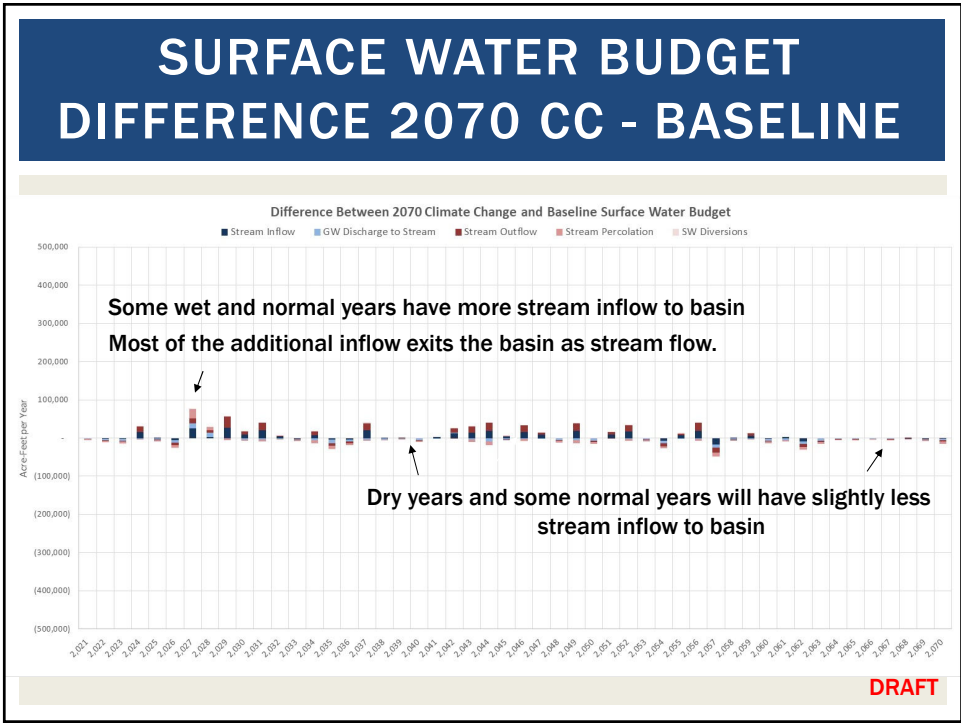
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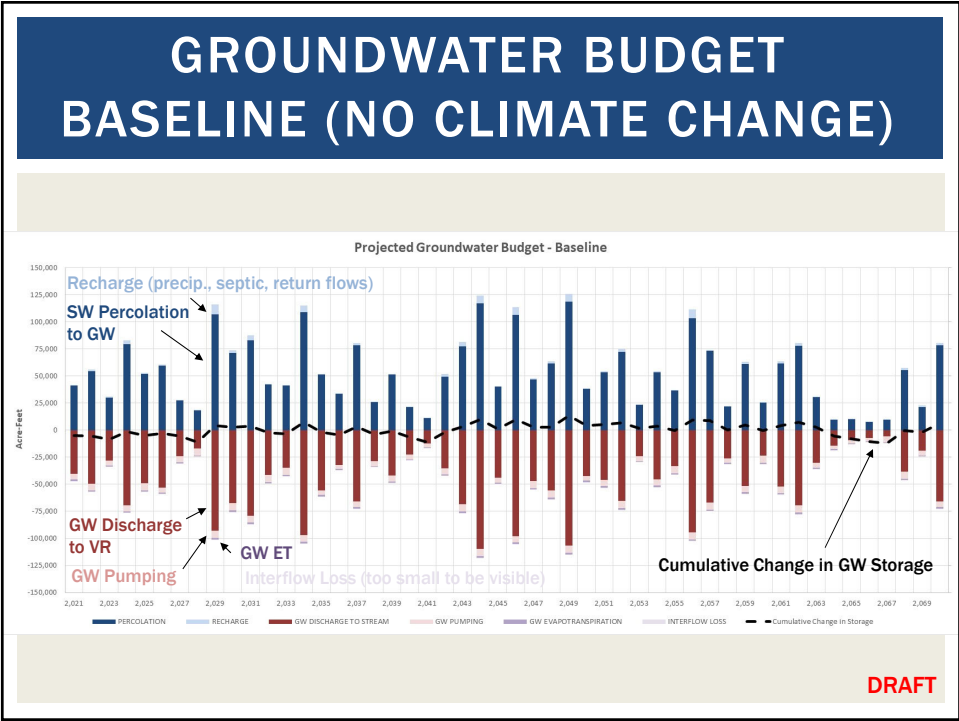
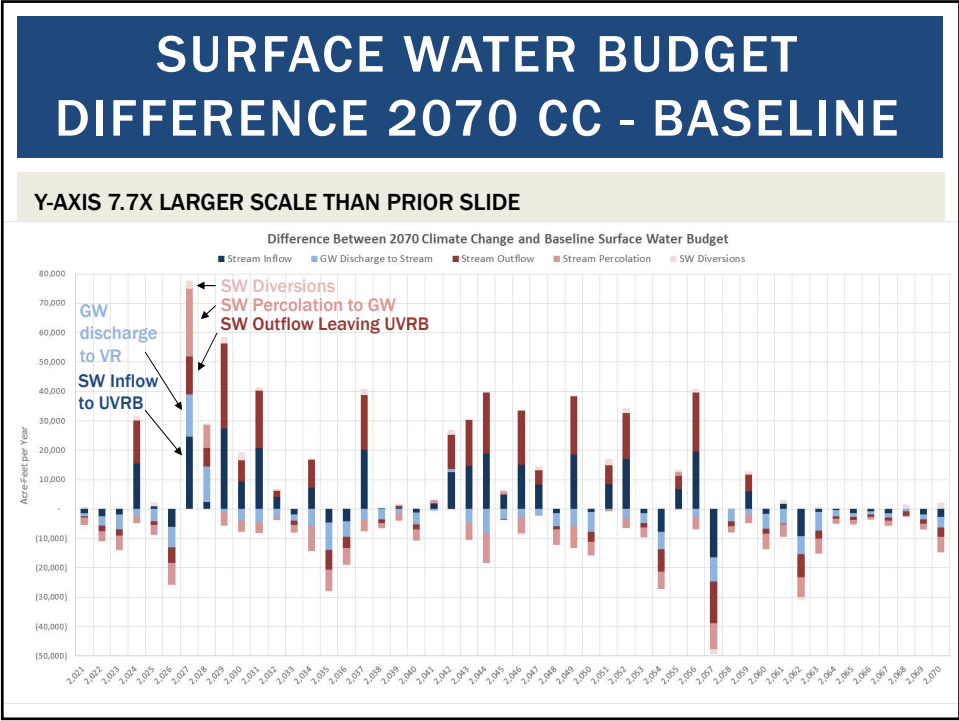
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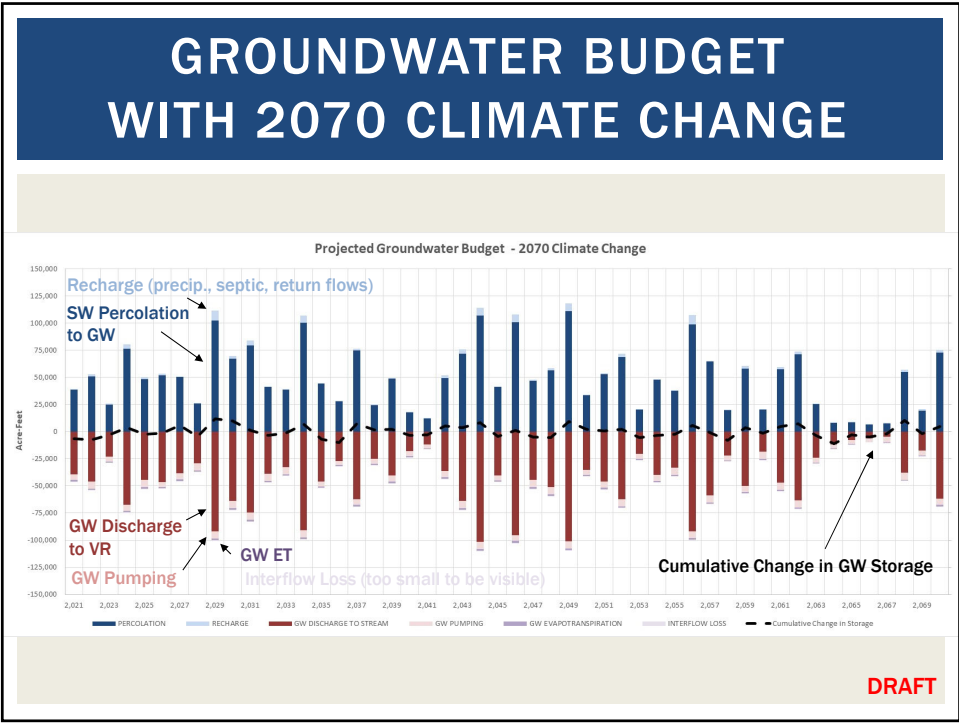
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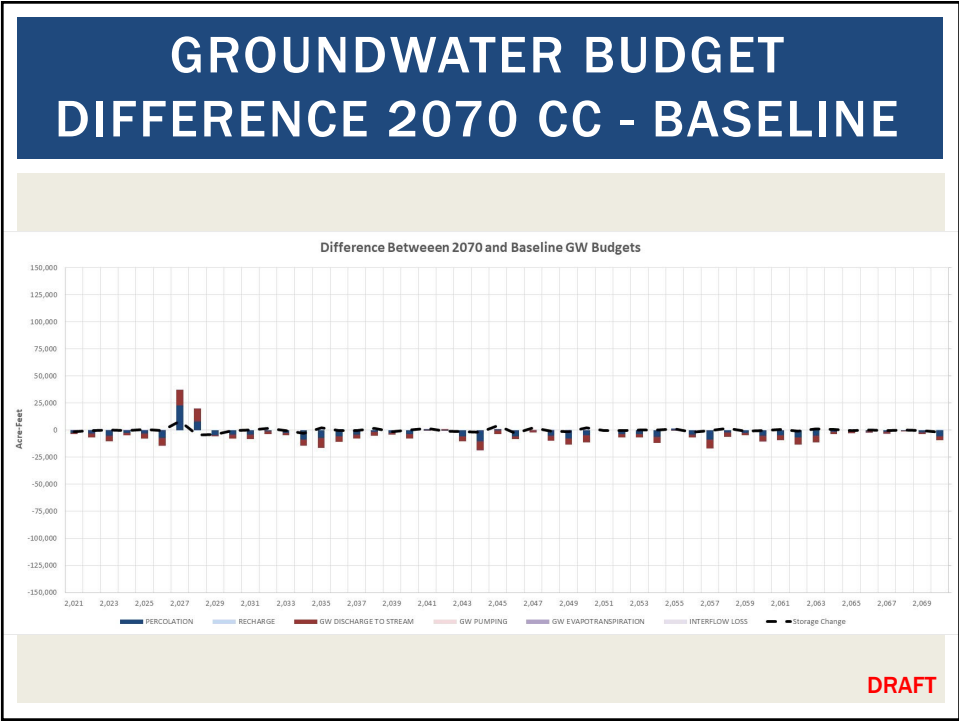
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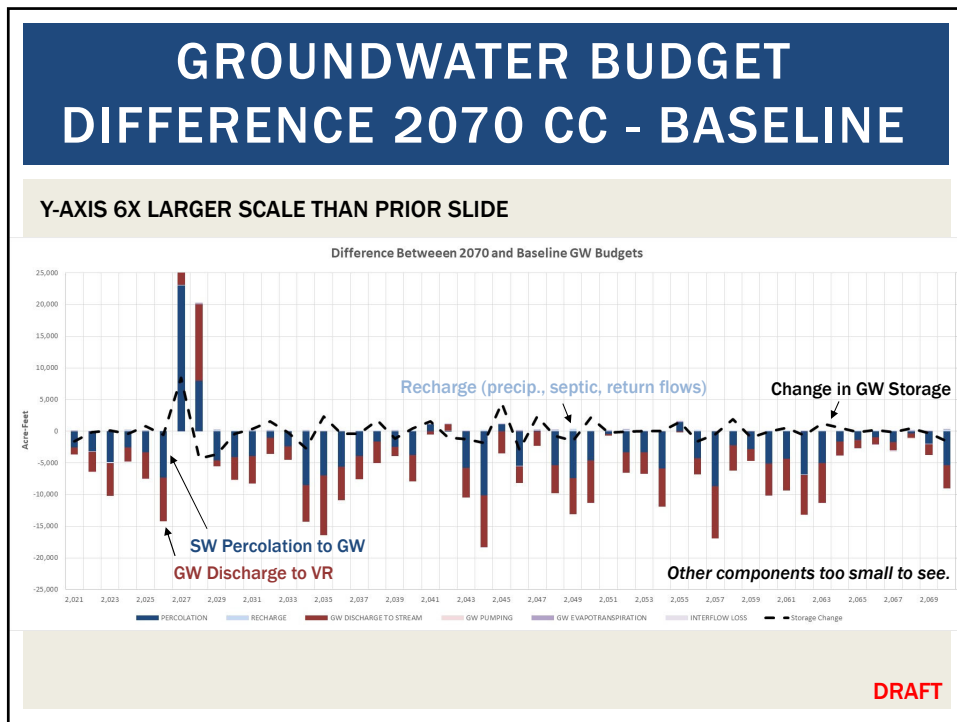




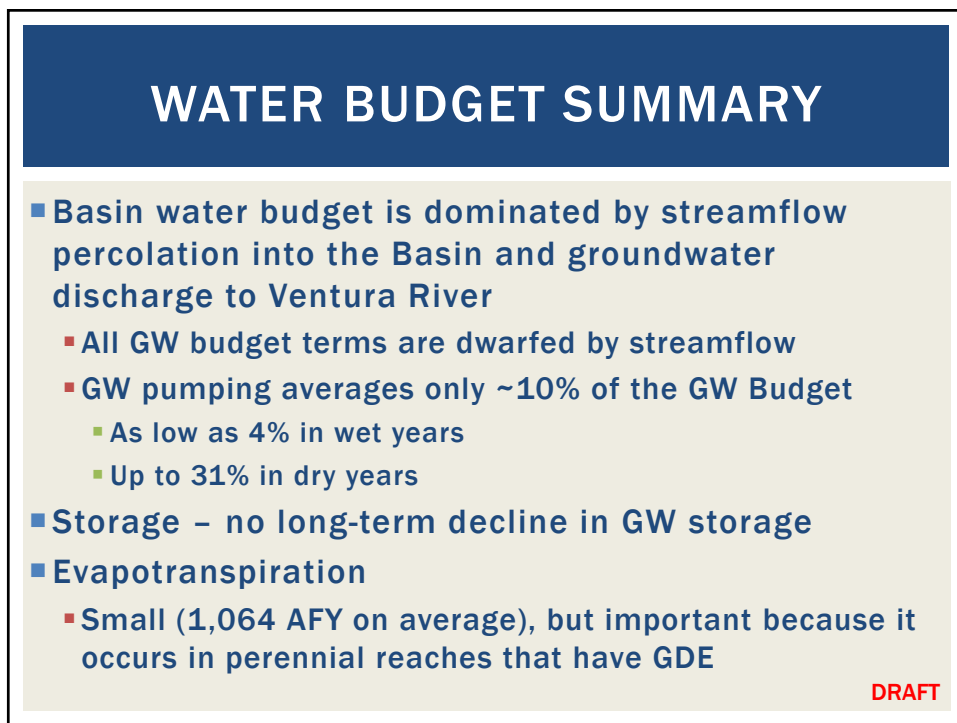
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## SUMMARY OF CLIMATE CHANGE EFFECTS ON WATER BUDGET








- Some wet and normal years have more stream inflow to basin, but most of increased inflow simply flows out the Basin during storms.
- Some normal year and most dry years will have less inflow resulting in less percolation and less surface water outflow
- Groundwater storage will have larger swings
  - Basin GW levels will be lower in dry seasons, but Basin will still re-fill in normal to wet years

DRAFT

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# GW LEVELS & CLIMATE CHANGE EFFECTS

28

# CLIMATE CHANGE EFFECTS ON GW LEVELS

■ Evaluation Method:

■ Compare baseline simulation with simulations incorporating 2030 and 2070 climate change factors

DRAFT

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## Simulated/Observed Water Level (Kennedy 05N23W33G01S)

Water Level (ft)

Time

Legend: Historical, Observed, Predictive\_2030, Predictive\_2070, Predictive\_Base, Wet Year High GWL, Dry Year Low GWL, Drought Low GWL

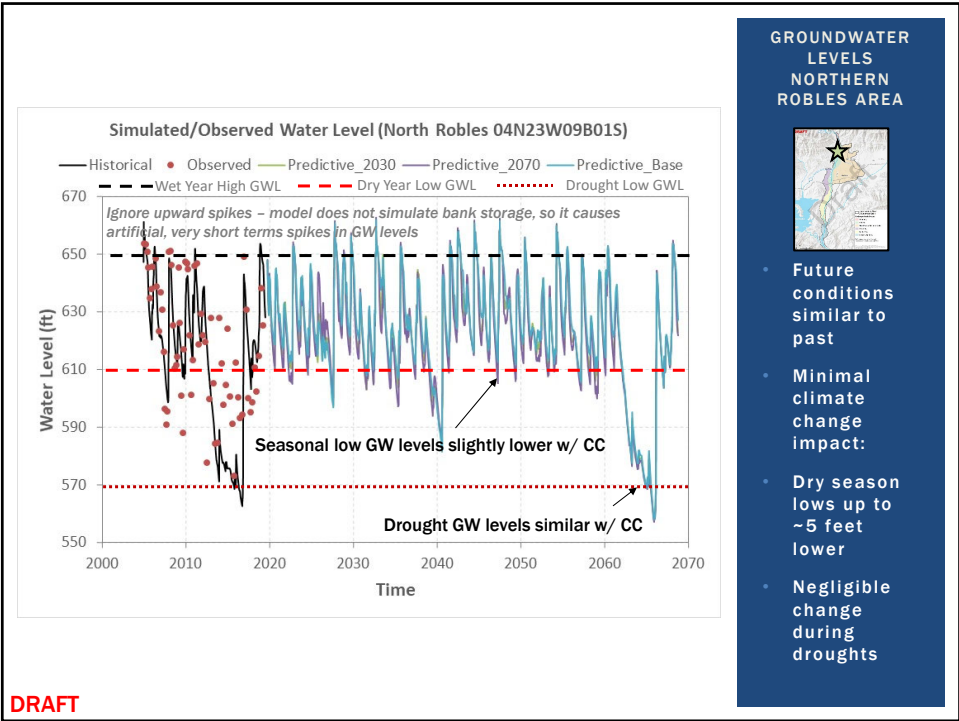
Annotations: Ignore upward spikes - model does not simulate bank storage, so it causes artificial, very short terms spikes in GW levels; More frequent seasonal GW level dips w/ CC; Drought GW levels similar w/ CC

### GROUNDWATER LEVELS KENNEDY AREA

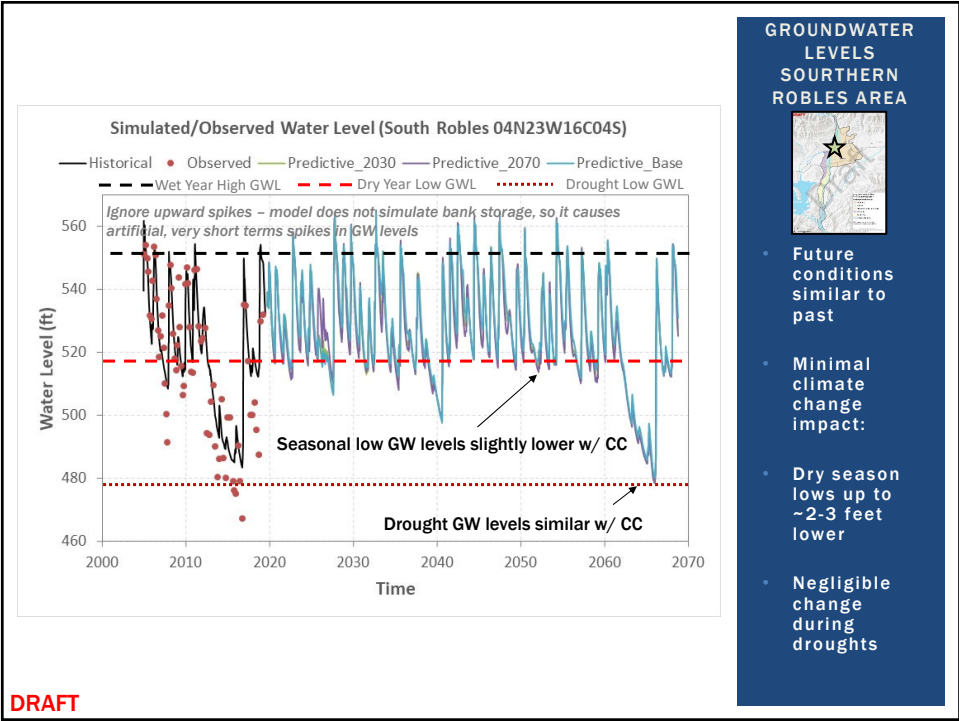
- Future conditions similar to past
- Minimal climate change impact:
- More frequent GW level dips on order of several feet
- Negligible change during droughts

DRAFT

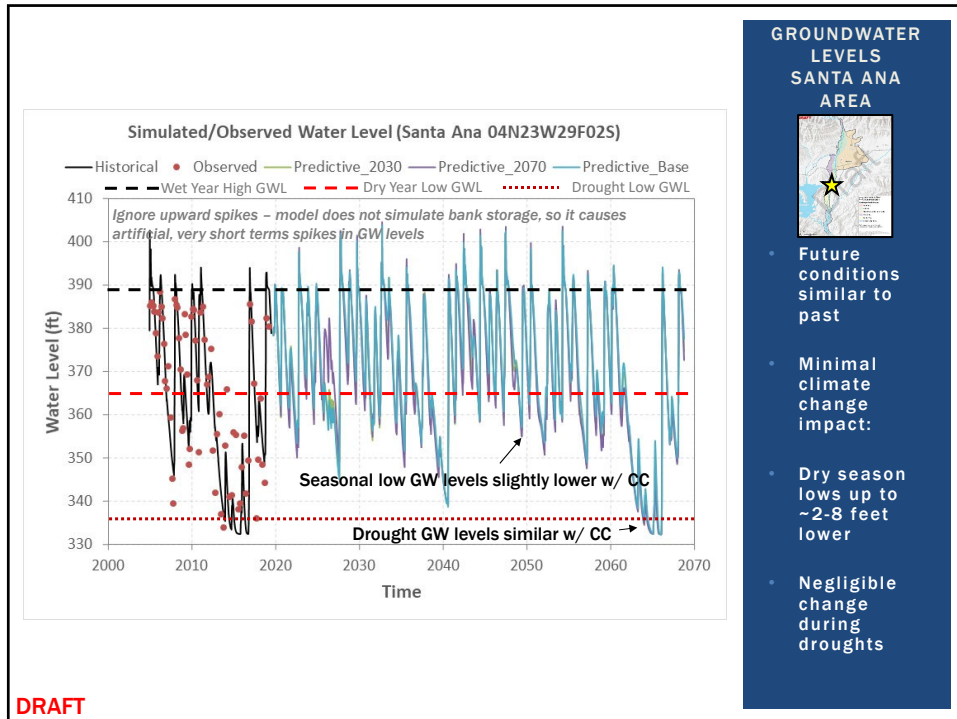
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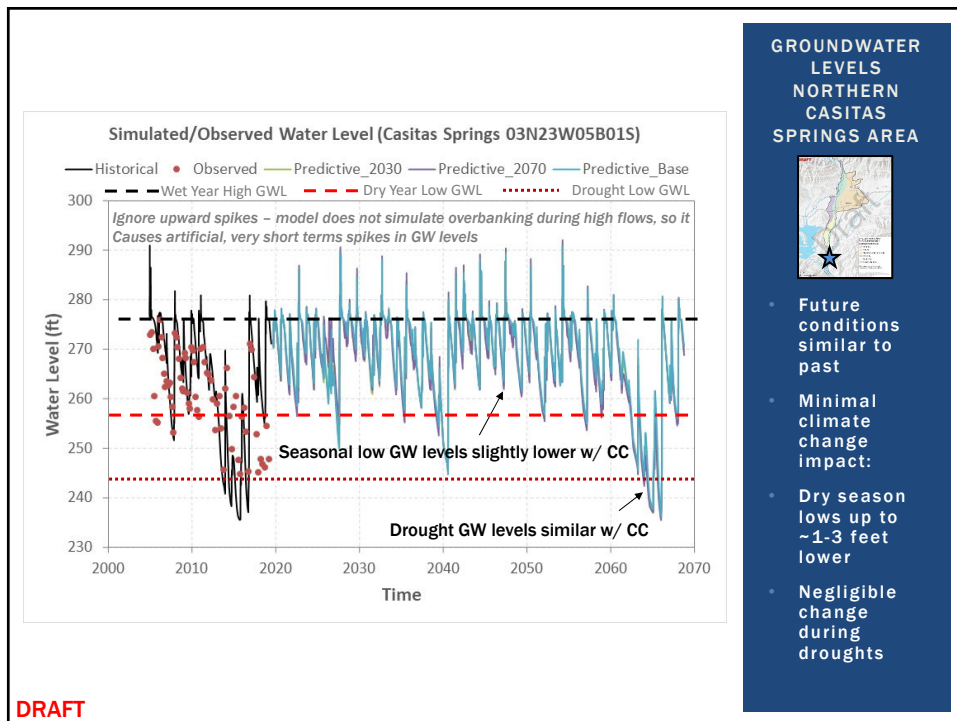
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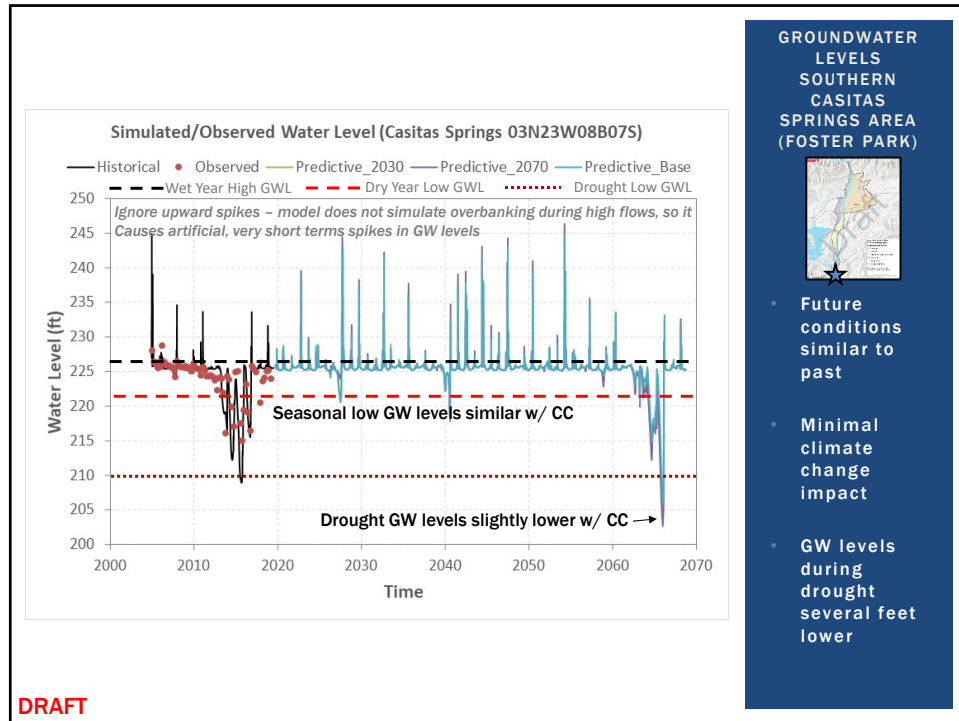
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## SUMMARY OF CLIMATE CHANGE EFFECTS ON GW LEVELS

- Climate change effects on GW levels are minimal
  - Basin will continue to drain and refill as it has historically
  - Wet season GW levels are the same
  - Dry season GW levels may be slightly lower
    - Kennedy Area: more frequent dips in GW levels in on the order of several feet
    - Robles and Santa Ana Areas: Seasonal low GW levels may be several feet lower
  - Drought GW levels only impacted in Foster Park (maybe several feet lower)

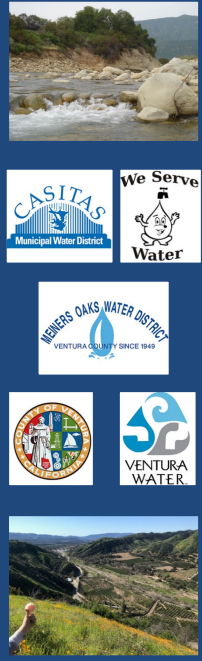
**DRAFT**

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**Upper Ventura River**  
**GROUNDWATER AGENCY**  
SUSTAINABLE MANAGEMENT

**STREAM FLOW  
&  
CLIMATE CHANGE  
EFFECTS**



37

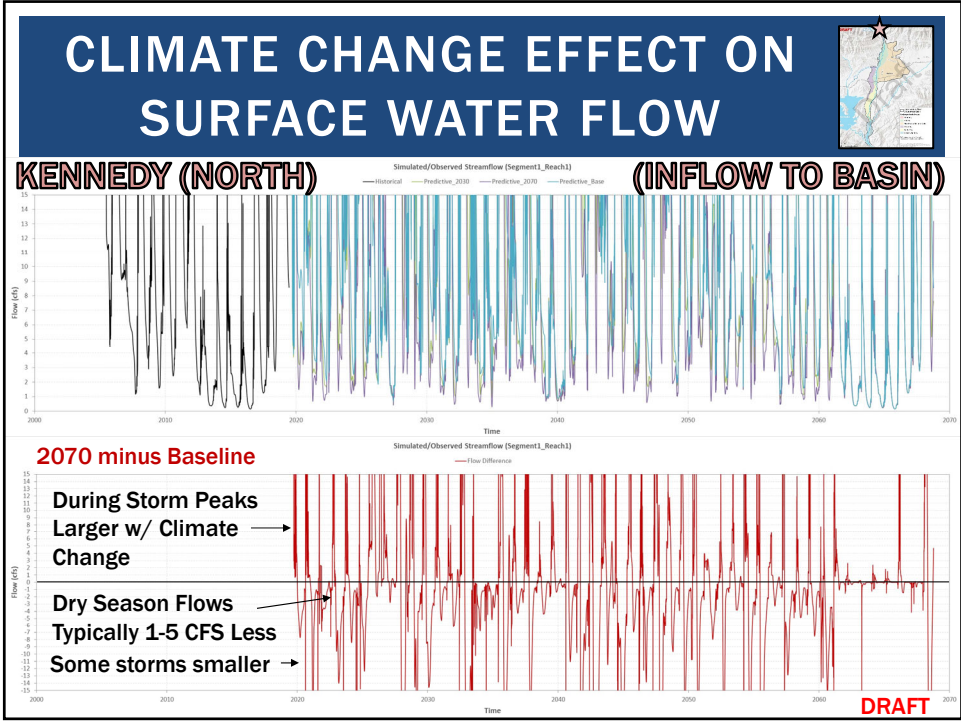
**CLIMATE CHANGE EFFECTS ON  
STREAM FLOW**

- **Evaluation Method:**
  - Compare baseline simulation with simulations incorporating 2030 and 2070 climate change factors

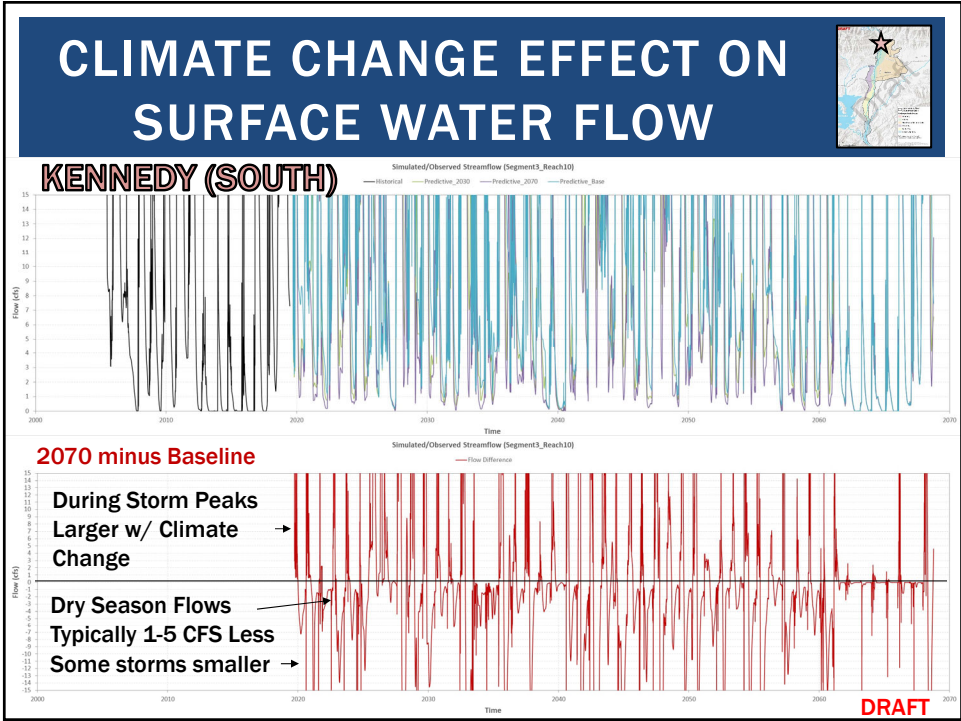
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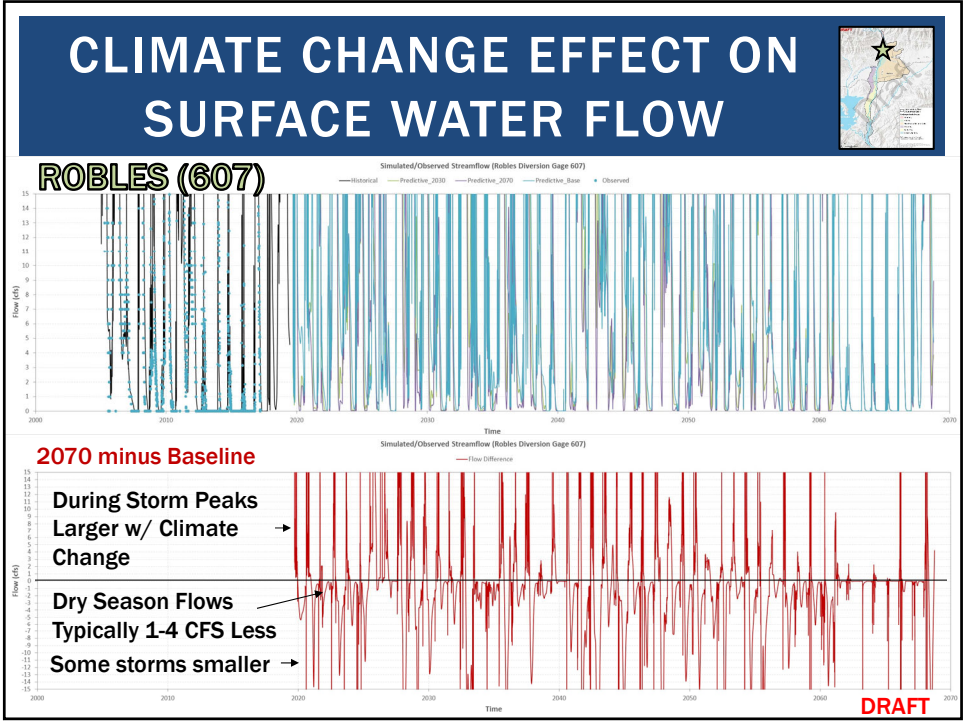




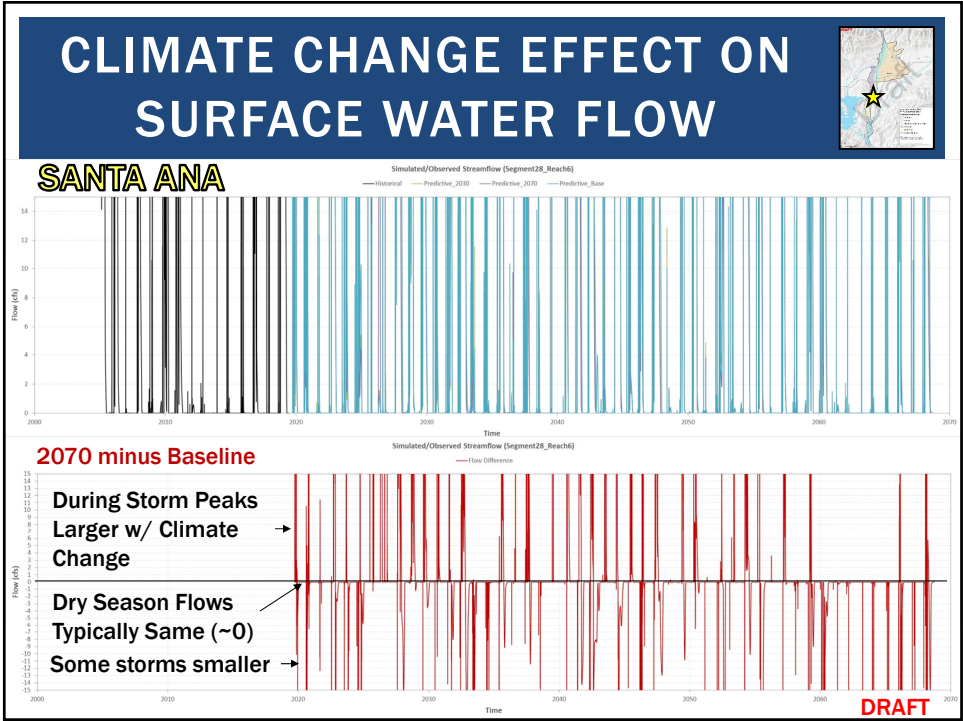
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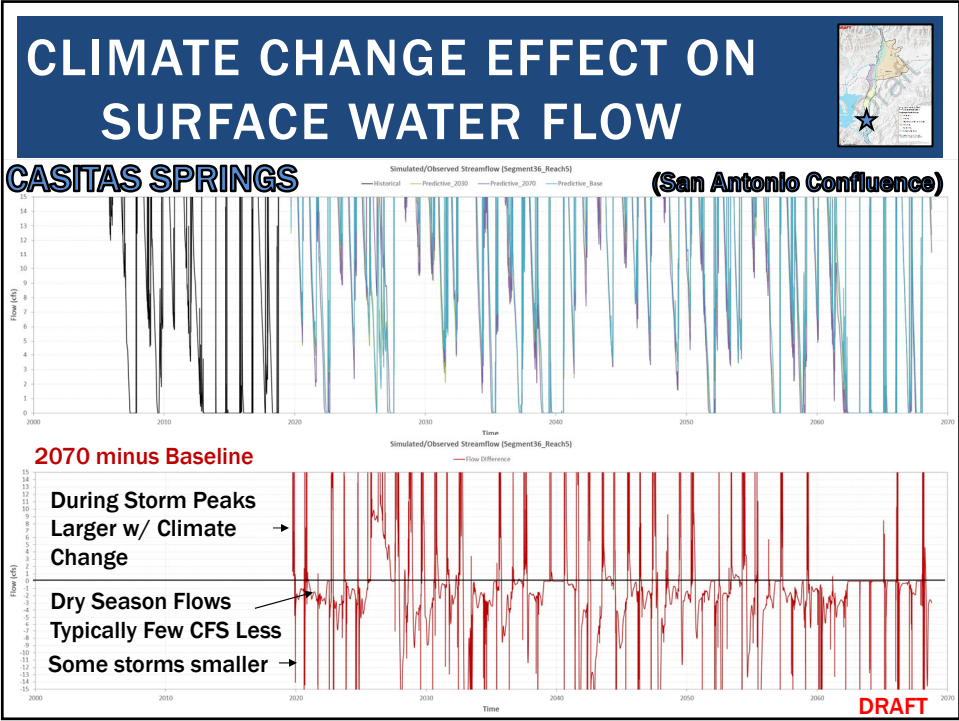
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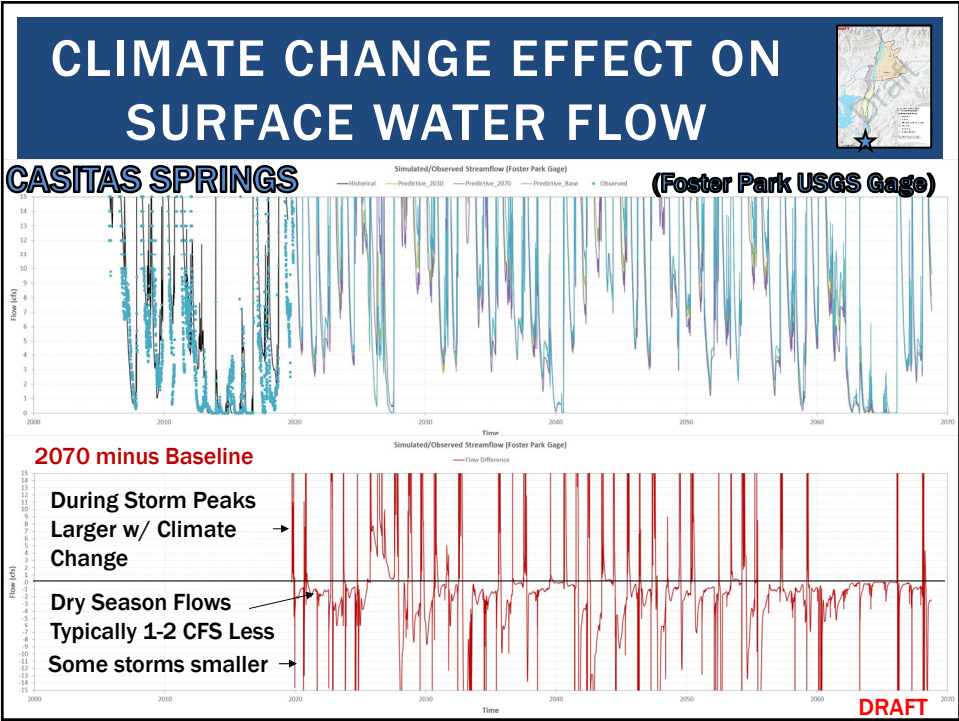
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SUMMARY OF CLIMATE CHANGE  
EFFECTS ON STREAM FLOW

- Many storm flows larger – increased inflow to the basin
- Some storm flows lower
- Dry season baseflow slightly lower (up to several CFS)








DRAFT

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Upper Ventura River  
**GROUNDWATER AGENCY**  
SUSTAINABLE MANAGEMENT

PUMPING  
EFFECTS  
ON  
GW LEVELS



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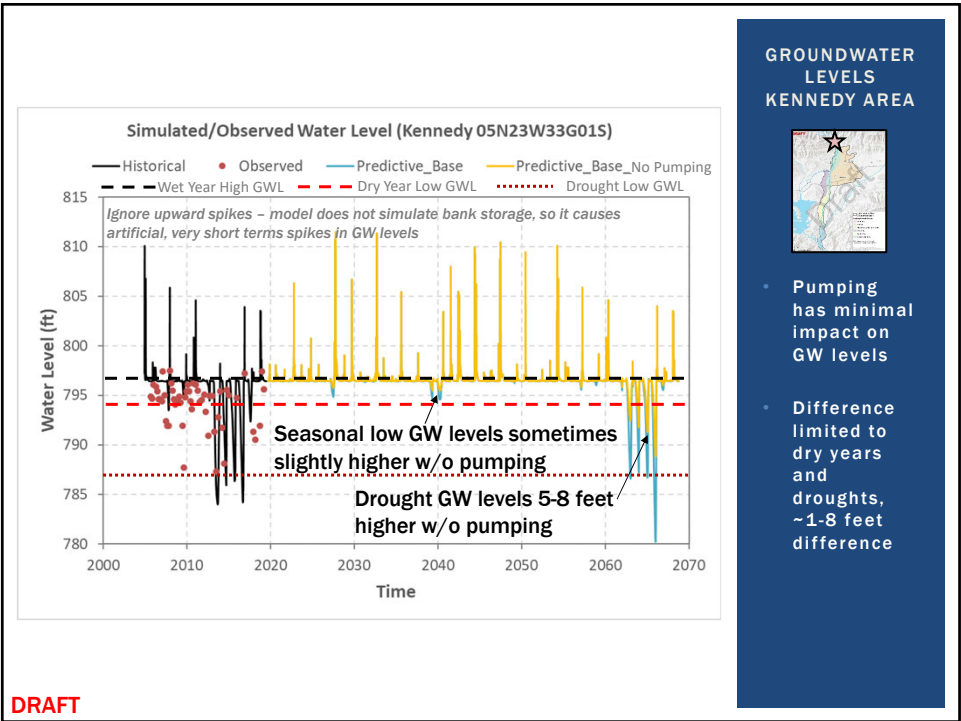
# PUMPING EFFECTS ON GW LEVELS

■ Evaluation Method:

■ Compare baseline simulation with no pumping simulations

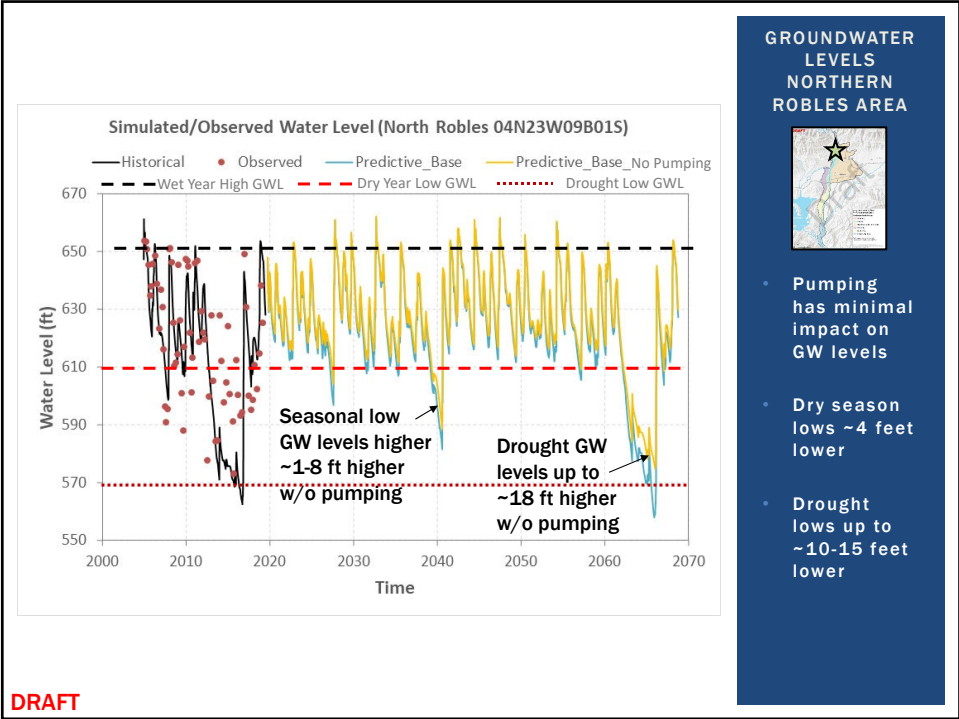
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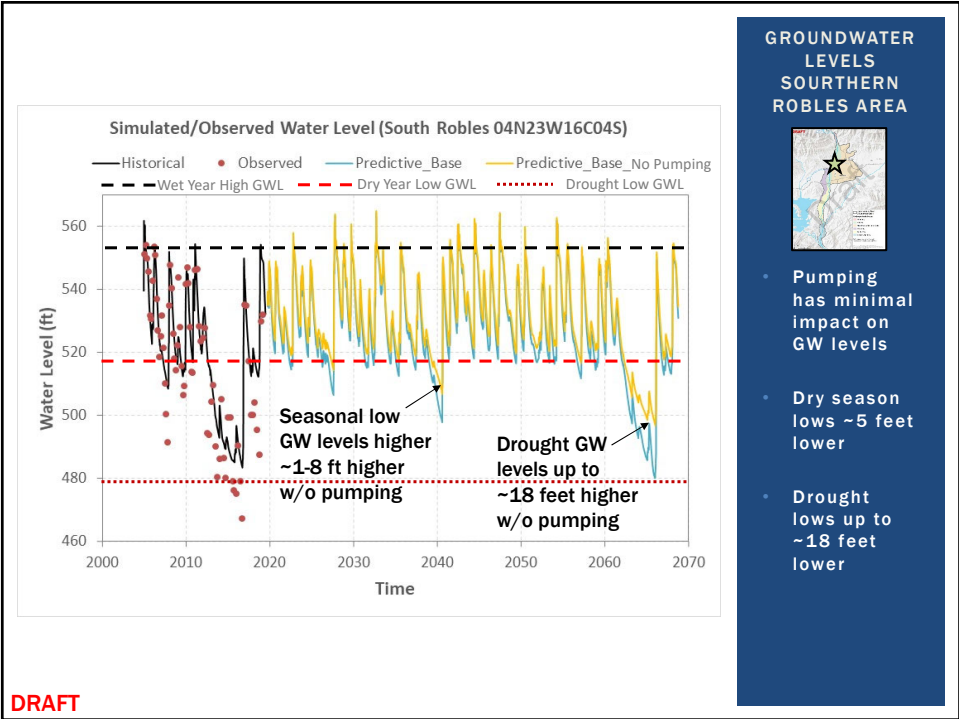


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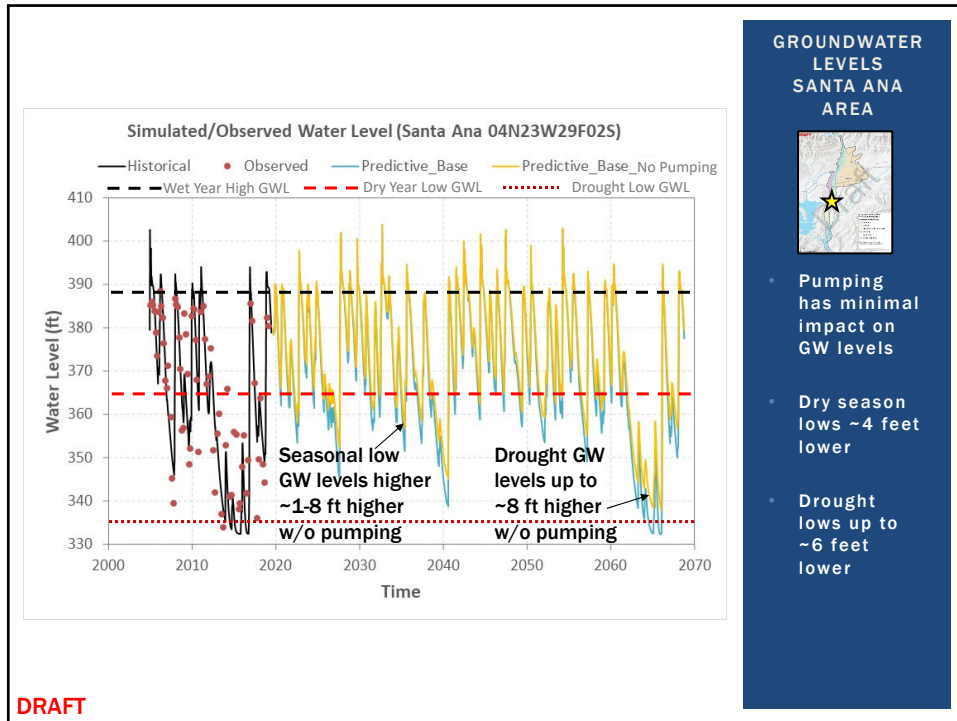




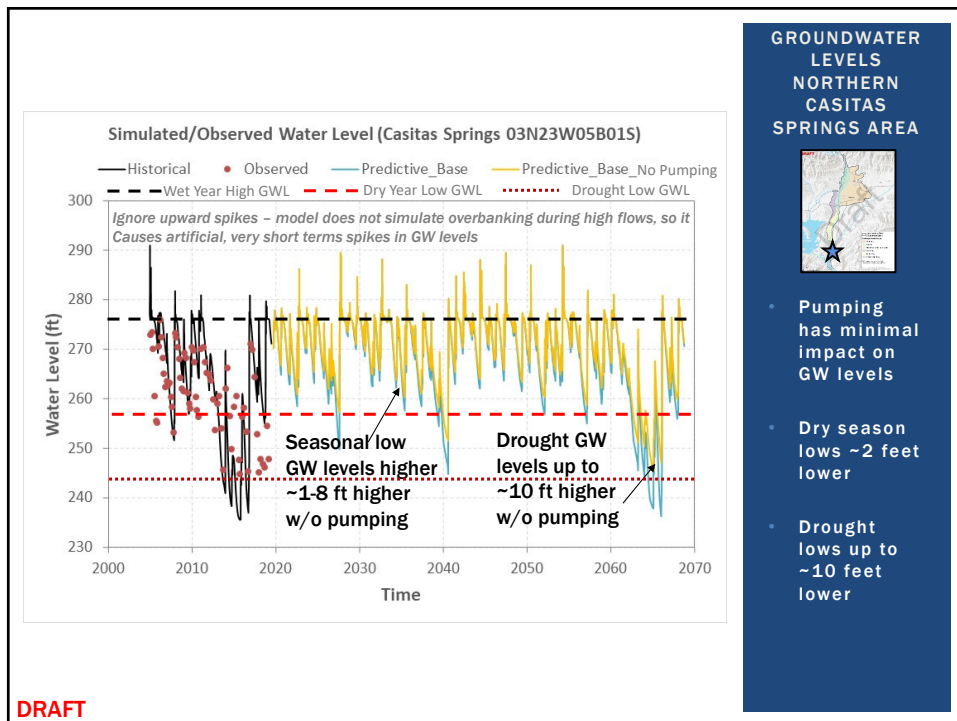
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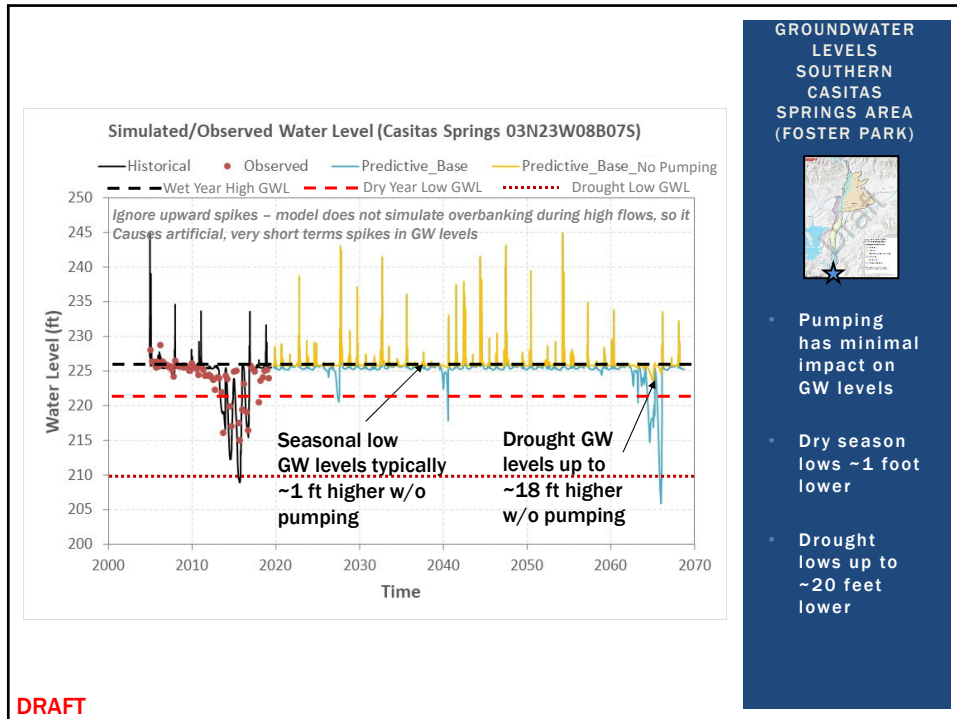
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## SUMMARY OF PUMPING EFFECTS ON GW LEVELS

- Basin GW levels are dominated by streamflow patterns
- Pumping is a secondary signal in the GW levels
- Wet season GW levels are the same
- Dry season GW levels
  - Kennedy Area typically the same
  - Robles and Santa Ana Areas ~1-8 ft higher
  - Foster Park typically ~1 ft higher
- Drought GW levels differences
  - Up to ~18 feet higher without pumping
  - Largest pumping effects in areas with GDEs

**DRAFT**

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## CHRONIC LOWERING OF GROUNDWATER LEVELS

- Undesirable Result (Water Code §10721):  
*Chronic* lowering of groundwater levels indicating a significant and unreasonable depletion of supply if continued over the planning and implementation horizon. Overdraft during a period of drought is not sufficient to establish a chronic lowering of groundwater levels if extractions and groundwater recharge are managed as necessary to ensure that reductions in groundwater levels or storage during a period of drought are offset by increases in groundwater levels or storage during other periods.

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## CHRONIC LOWERING OF GROUNDWATER LEVELS

- Basin fills and drains in sync with rainfall patterns
- No chronic lowering of groundwater levels is indicated in the historical record of projections of future groundwater conditions.
- Over pumping occurs temporarily during drought when inflows are almost entirely eliminated
- Basin has very limited storage to buffer pumping drawdown during drought, resulting in GW level declines, esp. in Kennedy & FP Areas which have GDEs
- However, GW levels recover fully & quickly post-drought and temporary GW level declines during drought alone are not an indicator or chronic lowering.

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## CHRONIC LOWERING OF GROUNDWATER LEVELS

- Based on the foregoing, one possible conclusion is that Chronic Lowering of GW Levels is not applicable to the Basin.
- However, review of DWR's OBGMA alternative review findings indicates that GSAs must evaluate whether URs occur during temporary periods of low GW levels:
  - *“Even assuming that groundwater levels and storage recover during wetter periods...that notion is not a substitute for a determination by the Agency to demonstrate that undesirable results have been avoided during times when groundwater levels and the associated groundwater in storage have declined without adequate evidence.”*

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## CHRONIC LOWERING OF GROUNDWATER LEVELS

- **Staff Conclusion:**
  - UVRGA will need to develop SMC to address any undesirable results caused by pumping-induced groundwater level declines during droughts.
- **More information at next meeting**
  - Impacts to GDEs at low water levels. Significant and unreasonable?
  - Potential minimum thresholds and measurable objectives.

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## REDUCTION OF GROUNDWATER STORAGE

- **Minimum Threshold (GSP Emerg. Regs §354.28):**

The total volume of groundwater that can be withdrawn from the basin without causing conditions that may lead to undesirable results.
- **Directly correlated with groundwater levels**
- **Will develop based on SMC for Chronic Decline of Groundwater Levels**

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Upper Ventura River  
**GROUNDWATER AGENCY**  
SUSTAINABLE MANAGEMENT

QUESTIONS?



**UPPER VENTURA RIVER GROUNDWATER AGENCY Item No. 6(c)**

**DATE:** April 5, 2021  
**TO:** Board of Directors  
**FROM:** Carrie Troup C.P.A., Treasurer  
**SUBJECT:** Approve Financial Report for March 2021

---

**February 2021 UVRGA Balance** \$ 362,038.39

**March 2021 Activity:**

**Revenues:**

Groundwater Extraction Fees \$ 1,424.88

**March Expenditures Paid:**

EFT Safeguard Business Check order \$ 180.03

**Checks Pending Signature:**

2209	Rincon Consultants, Inc.	Invoice #28735	\$ 703.48
2210	Rincon Consultants, Inc.	Invoice #28734	\$ 6,800.50
2211	Rincon Consultants, Inc.	Invoice #28736	\$ 7,543.83
2212	Rincon Consultants, Inc.	Invoice #29381	\$ 11,830.00
2213	Rincon Consultants, Inc.	Invoice #29382	\$ 1,946.25
2214	Bondy Groundwater Consulting, Inc.	March services	\$ 20,573.75
2215	Intera Incorporated	March services	\$ 28,689.50
2216	Carrie Troup, C.P.A.	March services	\$ 1,150.42
2217	Olivarez, Madruga, Lemieux, O'Ne	February services	\$ 2,127.00

Total Expenditures Paid & To Be Paid \$ 81,364.73

**March 2021 UVRGA Ending Balance:** \$ 281,918.51

Action: \_\_\_\_\_

Motion: \_\_\_\_\_ Second: \_\_\_\_\_

B. Kuebler\_\_\_ G. Shephard\_\_\_ D. Engle\_\_\_ R. Hajas\_\_\_ S. Rungren\_\_\_ L. Rose\_\_\_ E. Ayala\_\_\_

The financial report omits substantially all disclosures required by accounting principles generally accepted in the United States of America; no assurance is provided on them.

## UPPER VENTURA RIVER GROUNDWATER AGENCY Item No. 8

**DATE:** April 8, 2021

**TO:** Board of Directors

**FROM:** Executive Director

**SUBJECT:** Executive Director's Report

### SUMMARY

The following are updates on Agency matters since the last Board meeting:

1. Administrative: *Nothing to report.*
2. Financial:
  - a. Groundwater Extraction Fees:
    - i. The fourth round of semi-annual extraction fee invoices was mailed on January 15, 2021. Payments were due on February 19, 2021. *As of March 1, four entities have not paid, totaling \$3,213.90.*
    - ii. The third round of semi-annual extraction fee invoices was mailed on July 16, 2020. Payments were due August 16, 2020. *One entity remains unpaid, totaling \$870.76.*
  - b. GSP Grant:
    - i. Grant Progress Report and Invoice No. 7 were submitted to DWR on January 17, 2021. *DWR approved the progress report and invoice on March 3, 2021. Payment in the amount of \$77,410.36 is expected soon.*
3. Legal: *No reportable activity.*
4. Sustainable Groundwater Management:
  - a. Groundwater Sustainability Plan Development: *Please see Item 10a.*
  - b. Groundwater and Surface Water Monitoring: The property on which well 04N23W20A01S is located was sold recently. Staff sent a request for continued access to the new property owner on February 24, 2021. *The request is still pending.*
  - c. Camino Cielo Crossing Surface Water Flow Gauge: *Due to the lack of rainfall, staff recommends deferring gauge activation until Spring 2022.*
  - d. DWR Surface Water Flow Gauge: *DWR is scheduled to install the gauge in April.*

5. Wildlife Conservation Board (WCB) Grant: WCB is expected to announce grant awards on April 22. *The CEQA Notice of Exemption approved on March 11, 2021 was filed and transmitted to WCB for consideration.*
6. SWRCB / CDFW Instream Flow Enhancement Coordination: *CDFW presented draft Ventura River flow recommendations during a webinar held on February 26, 2021 and released the corresponding draft report for a 30-day public comment period.*
7. Ventura River Watershed Instream Flow & Water Resilience Framework (VRIF): *No reportable activity since the last Board meeting.*
8. Miscellaneous: N/A

#### **RECOMMENDED ACTIONS**

Receive an update from the Executive Director concerning miscellaneous matters and Agency correspondence. Provide feedback to staff.

#### **BACKGROUND**

Not applicable

#### **FISCAL SUMMARY**

Not applicable

#### **ATTACHMENTS**

None

Action: \_\_\_\_\_

Motion: \_\_\_\_\_ Second: \_\_\_\_\_

B. Kuebler\_\_\_ D. Engle\_\_\_ R. Hajas\_\_\_ S. Rungren\_\_\_ G. Shephard\_\_\_ E. Ayala\_\_\_ L. Rose\_\_\_

**UPPER VENTURA RIVER GROUNDWATER AGENCY Item No. 9(a)**

**DATE:** April 8, 2021

**TO:** Board of Directors

**FROM:** Staff

**SUBJECT:** Secretary Appointment

**SUMMARY**

The secretary position is vacant due to Director Spandrio's resignation. Staff recommends appointing a new secretary to serve the balance of the Fiscal Year 2021/2022 term. Pursuant to Joint Exercise of Powers Agreement (JPA) Article 7, officers must be a Member Director.

**RECOMMENDED ACTIONS**

Appoint a secretary for the period April 8, 2021 through June 30, 2021.

**BACKGROUND**

Pursuant to Joint Exercise of Powers Agreement (JPA) Article 7, officers of the Agency shall be a chair, vice chair, and secretary, shall be selected from the Member Directors, and shall be elected by, and serve at the pleasure of the Board of Directors. Pursuant to Agency Bylaws Section 4.2, Board Officers shall be elected at the first meeting at the start of the fiscal year.

**FISCAL SUMMARY**

None.

Action: \_\_\_\_\_

Motion: \_\_\_\_\_ Second: \_\_\_\_\_

B. Kuebler\_\_\_ D. Engle\_\_\_ R. Hajas\_\_\_ S. Rungren\_\_\_ G. Shephard\_\_\_ E. Ayala\_\_\_ L. Rose\_\_\_



**UPPER VENTURA RIVER GROUNDWATER AGENCY Item No. 9(b)**

**DATE:** April 8, 2021

**TO:** Board of Directors

**FROM:** Staff

**SUBJECT:** Ad Hoc Committees

**SUMMARY**

The Ad Hoc Budget Committee recently lost two members due to resignations. Additionally, the termination dates of Ad Hoc Budget and Funding Committees have expired. Staff recommends that the Board consider whether it desires for these committees to continue and, if so, address the vacancies and termination dates. Suggested edits to the committee duties are also provided.

**RECOMMENDED ACTIONS**

Review and consider potential changes to ad hoc committee duties, assignments, and terms.

**BACKGROUND**

The Ad Hoc Committees were last reviewed by the Board on July 11, 2019.

**FISCAL SUMMARY**

None.

**ATTACHMENT**

A. Ad Hoc Committee Summary Table with Proposed Changes

Action: \_\_\_\_\_

Motion: \_\_\_\_\_ Second: \_\_\_\_\_

B. Kuebler\_\_\_ D. Engle\_\_\_ R. Hajas\_\_\_ S. Rungren\_\_\_ G. Shephard\_\_\_ E. Ayala\_\_\_ L. Rose\_\_\_

## Item 9b, Attachment A

### UVRGA Ad Hoc Committee Summary Table

#### Proposed Changes April 8, 2021

Committee	Recent Members	Termination Date	Duties
Ad Hoc Budget Committee	Bert Rapp (Alt. Dir.) Vacant Vacant	<del>December 31, 2019</del> June 30, 2022	<ol style="list-style-type: none"> <li>1. Review <del>a</del> proposed multi-year budgets <del>s-through fiscal year 2022</del>;</li> <li>2. Review <del>budget and expenditures and prepare quarterly</del> mid-year and year-end budget reports <del>with recommendations</del>;</li> <li>3. Review <del>a</del> proposed <del>FY 2020</del> fiscal year budgets; and</li> <li>4. Perform other budget-related tasks as may be directed by the Board.</li> </ol>
Ad Hoc Funding Committee	Bruce Kuebler (c) Emily Ayala Larry Rose	<del>December 31, 2019</del> June 30, 2022	<ol style="list-style-type: none"> <li>1. Develop funding option recommendations and</li> <li>2. Oversee and advise Board on fee implementation issues.</li> </ol>
Ad Hoc Stakeholder Engagement Committee	Larry Rose (c) Bruce Kuebler Emily Ayala	January 31, 2022	<ol style="list-style-type: none"> <li>1. Perform SEP implementation;</li> <li>2. Provide monthly updates;</li> <li>3. Perform ongoing review of SEP;</li> <li>4. Recommend SEP updates each May; and</li> <li>5. Perform other stakeholder outreach-related tasks as determined by the Board.</li> </ol>

**UPPER VENTURA RIVER GROUNDWATER AGENCY Item No. 9(c)**

**DATE:** April 8, 2021

**TO:** Board of Directors

**FROM:** Agency Staff

**SUBJECT:** Bank of Sierra Authorized Check Signers and Invoice Review Procedures

**SUMMARY**

Resolution 2018-5 requires the signature of two officers on checks issued by the Agency. For the last several years, Director Kuebler and former Director Spandrio have signed the Agency's checks. Due to Director Spandrio's resignation, it is necessary to identify a new second signer. In the past, some Directors have been unwilling to sign checks because the Agency's bank requires disclosure of certain personal information in order to be named on the account. If only one officer is willing to sign checks, the Board will need to act to reduce the number of required check signers to one. Draft Resolution 2021-02 is attached for this purpose, if needed.

**RECOMMENDED ACTION**

If only one Officer is willing to sign checks, it is recommended that the Board adopt draft Resolution 2021-02 to reduce the number of required check signers to one.

**BACKGROUND**

On October 11, 2018, the Board approved Resolution 2018-5 establishing invoice review procedures and designating check signing authority.

**FISCAL SUMMARY**

Not Applicable

**ATTACHMENTS**

A. Draft Resolution 2021-02

Action: \_\_\_\_\_

Motion: \_\_\_\_\_ Second: \_\_\_\_\_

B. Kuebler\_\_\_\_ R. Hajas\_\_\_\_ G. Shephard\_\_\_\_ D. Engle\_\_\_\_ S. Rungren\_\_\_\_ L. Rose\_\_\_\_ E. Ayala\_\_\_\_

**BOARD OF DIRECTORS**

**UPPER VENTURA RIVER GROUNDWATER AGENCY**

**RESOLUTION NO. 2021-02**

**A RESOLUTION OF THE UPPER VENTURA RIVER GROUNDWATER AGENCY (AGENCY)  
REVISING INVOICE APPROVAL PROCEDURES**

**WHEREAS**, Article 7.2 of the Upper Ventura River Groundwater Agency's ("Agency") currently requires the Board of Directors (Board) to approve all warrants and authorize issuance of checks in payment thereof; and,

**WHEREAS**, on July 12, 2018, the Board adopted Resolution 2018-04, designating check signing authority and invoice review procedures; and

**WHEREAS**, on October 11, 2018, the Board adopted Resolution 2018-05, revising the Agency's invoice review procedures; and

**WHEREAS**, the Board did thoroughly discuss and determine need for revisions Section 7.2 of the Agency's Bylaws at its April 8, 2021 Board meeting.

**NOW, THEREFORE**, the Board of Directors of the Upper Ventura River Groundwater Agency does hereby resolve, find, determine and order as follows:

Article 7.2 of the Bylaws is hereby repealed in its entirety and replaced as follows:

7.2 Signature of Checks and Approval of Warrants. The GSP Project Manager shall review all warrants for consultant and other GSP-related expenses, other than those warrants submitted by the GSP Project Manager. Following GSP Project Manager review, any one Officer shall have the authority to approve warrants for consultant and other GSP-related expenses and sign checks on behalf of the Agency in payment thereof. Checks for payment of utility bills, postage, payroll, payroll taxes, credit union collections, petty cash, emergency repairs, invoices subject to discount and interfund transfers, and similar payments shall be reviewed, and payment authorized, by any one Officer. All approved warrants shall be presented in a financial summary report to the Board at its next meeting.

PASSED, APPROVED, AND ADOPTED this 8th day of April, 2021.


[Signature page follows]

---

Diana Engle, Board Chair

**ATTEST:**

---

, Secretary

**APPROVED AS TO FORM:**

---

Upper Ventura River Groundwater Agency  
General Counsel

## **UPPER VENTURA RIVER GROUNDWATER AGENCY Item No. 10(a)**

**DATE:** April 8, 2021

**TO:** Board of Directors

**FROM:** Executive Director

**SUBJECT:** Groundwater Sustainability Plan Update (Grant Category (d); Task 11: GSP Development and Preparation)

### **SUMMARY**

Progress on the Groundwater Sustainability Plan (GSP) since the last update included the following:

1. **GSP:**
  - a. Intra setup, ran, and post-processed model simulations to designed to support sustainable management criteria development. The Executive Director reviewed model results and provided technical feedback to the modeling team.
  - b. Rincon Consultants, Inc. worked on developing information concerning groundwater depended ecosystems to support sustainable management criteria development.
  - c. The Executive Director reviewed information relevant to sustainable management criteria (SMC) and prepared presentations for the March 25 and April 8 Board meetings. The Executive Director also prepared drafts of GSP Section 1 and portions of Section 2.
  - d. The Board and stakeholders receive a presentation on numerical model results and began a discussion concerning the sustainable management criteria for the chronic lowering of groundwater levels and groundwater storage sustainability indicators.
2. **Outreach:** No activity.
3. **GSP Development Schedule:** The updated GSP Development Schedule is provided in Attachment A. The schedule was updated based on progress to date.
4. **GSP Grant Data Gap Tasks:** All grant data gap tasks have been completed or were deleted by the grant agreement amendment.

### **RECOMMENDED ACTIONS**

Receive an update from the Executive Director concerning groundwater sustainability plan development and consider providing feedback.

### **BACKGROUND**

Not applicable.

**FISCAL SUMMARY**

Not applicable.

**ATTACHMENTS**

A. GSP Development Schedule

Action: \_\_\_\_\_

Motion: \_\_\_\_\_ Second: \_\_\_\_\_

B. Kuebler\_\_\_ D. Engle\_\_\_ R. Hajas\_\_\_ S. Rungren\_\_\_ G. Shephard\_\_\_ E. Ayala\_\_\_ L. Rose\_\_\_

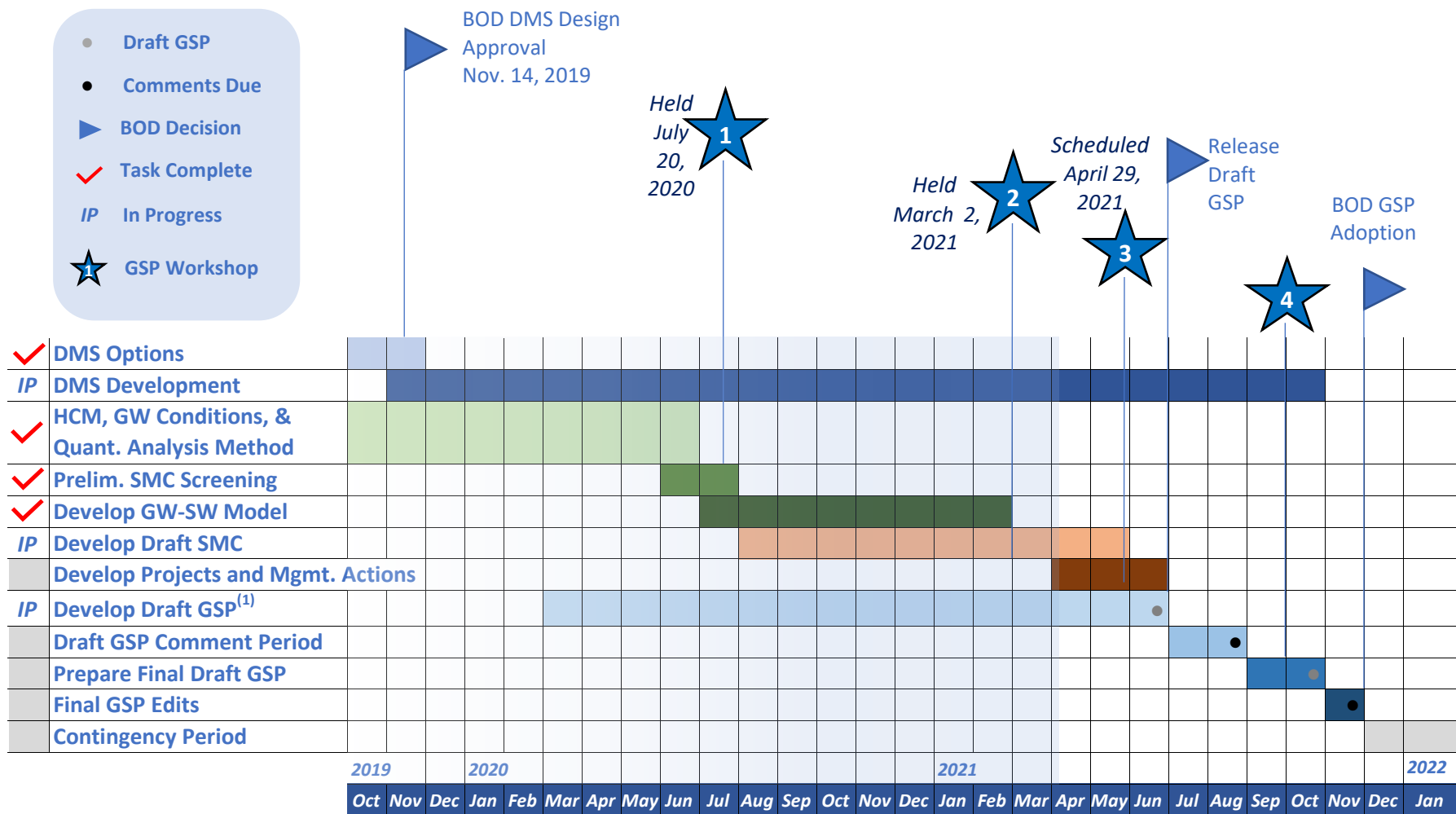
Item 10a

Attachment A

GSP Development Schedule



## Upper Ventura River Groundwater Agency GSP Development Schedule Updated April 8, 2021



**Notes:**

(1) GSP topics not listed above generally consist of background or supporting information and will be prepared concurrently with the above-listed tasks.

BOD = Board of Directors; DMS = Data Management System; HCM = Hydrogeologic Conceptual Model; GSA = Groundwater Sustainability Agency;

GSP = Groundwater Sustainability Plan; GW = Groundwater; SW = Surface Water

**UPPER VENTURA RIVER GROUNDWATER AGENCY Item No. 10(b)**

**DATE:** April 8, 2021

**TO:** Board of Directors

**FROM:** Executive Director

**SUBJECT:** Sustainable Management Criteria (Grant Category (d); Task 11: GSP Development and Preparation)

**SUMMARY**

A presentation will be provided concerning modeling results, groundwater dependent ecosystems, and potential sustainable management criteria.

**RECOMMENDED ACTIONS**

Receive a presentation concerning modeling results, groundwater dependent ecosystems, and potential sustainable management criteria. Consider providing feedback to staff.

**BACKGROUND**

Not applicable.

**FISCAL SUMMARY**

Not applicable.

**ATTACHMENTS**

None.

Action: \_\_\_\_\_

Motion: \_\_\_\_\_ Second: \_\_\_\_\_

B. Kuebler\_\_\_ D. Engle\_\_\_ R. Hajas\_\_\_ S. Rungren\_\_\_ G. Shephard\_\_\_ E. Ayala\_\_\_ L. Rose\_\_\_