

## NOTICE AND AGENDA OF REGULAR MEETING

GROUNDWATER SUSTAINABILITY AGENCY  
FOR THE CENTRAL MANAGEMENT AREA  
IN THE SANTA YNEZ RIVER GROUNDWATER BASIN

WILL BE HELD  
AT **10:00 A.M.**, MONDAY, FEBRUARY 22, 2021

**TELECONFERENCE MEETING ONLY – NO PHYSICAL MEETING LOCATION**

**PUBLIC PARTICIPATION DIAL-IN NUMBER: 1-267-866-0999**

**MEETING ID / PASSCODE: 6774 28 9840**

**Public participants can view presentation materials and live video on their device**

**Website: [app.chime.aws](https://app.chime.aws) (or download *Amazon Chime* app),**

**“Join a meeting without an account”**

**Meeting ID: 6774 28 9840**

*You do NOT need to create an Amazon Chime account or login with email for meeting participation.*

**Public participant phones and microphones will be muted, and webcams disabled.**

**Live Chat Text (online users only) will be enabled for questions.**

*If your device does not have a microphone or speakers, you can also call Phone Number & log in with Meeting ID listed above to listen while viewing the live presentation online.*

**Teleconference Meeting During Coronavirus (COVID-19) Emergency:** As a result of the COVID-19 emergency and Governor Newsom’s Executive Orders to protect public health by issuing shelter-in-home standards, limiting public gatherings, and requiring social distancing, this meeting will occur solely via teleconference as authorized by and in furtherance of Executive Order Nos. N-29-20 and N-33-20. **Virtual meeting is in accordance with [the SB County Health Office Order 2021-12.2](#)**

**Important Notice Regarding Public Participation in Teleconference Meeting:** Those who wish to provide public comment on an Agenda Item, or who otherwise are making a presentation to the GSA Committee, may participate in the meeting using the dial-in number and passcode above. **Those wishing to submit written comments instead, please submit any and all comments and materials to the GSA via electronic mail at [bbuelow@syrwcd.com](mailto:bbuelow@syrwcd.com).** All submittals of written comments must be received by the GSA no later than **Friday, February 19, 2021**, and should indicate **“February 22, 2021 GSA Meeting”** in the subject line. To the extent practicable, public comments and materials received in advance pursuant to this timeframe will be read into the public record during the meeting. Public comments and materials not read into the record will become part of the post-meeting materials available to the public and posted on the SGMA website.

**In the interest of clear reception and efficient administration of the meeting, all persons participating in this teleconference are respectfully requested to mute their phones after dialing-in and at all times unless speaking.**

**AGENDA ON NEXT PAGE**

GROUNDWATER SUSTAINABILITY AGENCY  
FOR THE CENTRAL MANAGEMENT AREA  
IN THE SANTA YNEZ RIVER GROUNDWATER BASIN

MONDAY, FEBRUARY 22, 2021, 10:00 A.M.

**AGENDA OF REGULAR MEETING**

- I. Call to Order and Roll Call
- II. Introductions and review of SGMA in the Santa Ynez River Valley Basin
- III. Additions or Deletions to the Agenda
- IV. Public Comment (Any member of the public may address the Committee relating to any non-agenda matter within the Committee’s jurisdiction. The total time for all public participation shall not exceed fifteen minutes and the time allotted for each individual shall not exceed five minutes. No action will be taken by the Committee at this meeting on any public item.)
- V. Review and consider approval of meeting minutes of November 16, 2020 and January 25, 2021
- VI. Receive CMA GSA Financial update and consider approval of CMA Warrant List
- VII. Receive update on Aerial Electro-Magnetic Survey of CMA
- VIII. Discuss Candidates for CMA Citizen Advisory Group positions
- IX. Receive Presentation from Stetson Team on “Groundwater Conditions Public Comment Demonstration, Water Budget, and Numeric Groundwater Model Updates
- X. Consider holding monthly “Special” CMA GSA Meetings **through August 2021**
- XI. Next “Regular” CMA GSA Meeting: **Monday, May 24, 2021, 10:00 AM**
- XII. CMA GSA Committee requests and comments
- XIII. Adjournment

[This agenda was posted 72 hours prior to the scheduled special meeting at 3669 Sagunto Street, Suite 101, Santa Ynez, California, and <https://www.santaynezwater.org> in accordance with Government Code Section 54954. In compliance with the Americans with Disabilities Act, if you need special assistance to review agenda materials or participate in this meeting, please contact the Santa Ynez River Water Conservation District at (805) 693-1156. Notification 72 hours prior to the meeting will enable the GSA to make reasonable arrangements to ensure accessibility to this meeting.]

## **DRAFT MEETING MINUTES**

### **Groundwater Sustainability Agency for the Central Management Area in the Santa Ynez River Groundwater Basin November 16, 2020**

A regular meeting of the Groundwater Sustainability Agency (GSA) for the Central Management Area (CMA) in the Santa Ynez River Groundwater Basin was held on Monday, 16 November 2020. As a result of the COVID-19 emergency and Governor Newsom's Executive Orders to protect public health by issuing shelter-in-home standards, limiting public gatherings, and requiring social distancing, this meeting occurred solely via teleconference as authorized by and in furtherance of Executive Order Nos. N-29-20 and N-33-20.

GSA Committee Directors Present: Ed Andrisek, Meighan Dietenhofer (Acting as Alternate), Art Hibbits

Alternate GSA Committee Director Present: Cynthia Allen

Staff Present: Bill Buelow, Rose Hess, Amber Thompson, Kevin Walsh, Matt Young

Others Present: Bryan Bondy, Maygan Cline (GeoSyntec), Larry Lahr, Deby Larango, Curtis Lawler (Stetson Engineers), Miles McCammon (Stetson Engineers), Sharyn Merritt, Madelyn Murray (Dudek), Matt Naftaly (Dudek), Jeff Newton, Tim Nicely (GSI), Patty QH and four members of the public

#### **I. Call to Order**

GSA Committee Director Andrisek called the meeting to order at 10:01 a.m., welcomed all in attendance and asked Mr. Bill Buelow to do roll call. A quorum was met.

#### **II. Introductions and Review of SGMA in Santa Ynez River Valley Basin**

Mr. Buelow announced names of phone and video attendees.

Mr. Buelow reviewed history of the Sustainable Groundwater Management Act (SGMA) requirements and what has been completed so far in the Santa Ynez River Basin including: the creation of the three Groundwater Sustainability Agencies (GSAs) in the Basin (EMA, CMA, WMA), securing Department of Water Resources (DWR) Prop. 1 and Prop. 68 Grants (Grant) funding, hiring Consultants, coordinating efforts between the eight agencies participating in the three GSAs, establishing a Citizen Advisory Group (CAG) in each of the Management Areas of the Basin and Groundwater Sustainability Plan (GSP) development milestones. The GSPs are due in January 2022. The CMA GSA Committee has so far prepared a Stakeholder Engagement Plan, a Data Management Plan, a Draft 3-D Model of the geology and a Draft Hydrogeologic Conceptual Model.

**III. Additions or Deletions to the Agenda**

No additions or deletions were made.

**IV. Public Comment**

There was no public comment.

**V. Review and Approve Minutes**

Mr. Buelow submitted the minutes of the meetings of August 24, 2020 and October 26, 2020 for GSA Committee approval. Discussion followed.

GSA Committee Director Hibbits made a MOTION to approve both sets of the minutes as submitted and requested the August 24, 2020 Memo from CMA Citizen Advisory Group be attached to the Minutes of August 24, 2020 for the record. GSA Committee Director Andrisek seconded the motion and it passed unanimously by Roll Call vote.

**VI. Receive CMA GSA Financial Update and Consider approval of CMA Warrant List**

Mr. Buelow presented the financial reports of FY 2020-21 Periods 1 through 3 (through September 30, 2020) and the Warrant Lists for August and September 2020 for GSA Committee review. There were no comments.

The GSA Committee unanimously approved the August and September 2020 Warrant Lists as presented (No. 1020) totaling \$42,960.44. GSA Committee Director Hibbits made a MOTION to approve the warrant lists and financial reports as submitted. GSA Committee Director Andrisek seconded the motion and it passed unanimously by Roll Call vote.

**VII. Review and Approve Draft No. 2 SGMA Newsletter**

Mr. Bill Buelow introduced Draft of SGMA Newsletter No. 2 and explained staff is still working on it to make it more visual and less wordy. He stated that staff and consultants were trying to get this newsletter finalized for mailed out in December 2020 by all Member Agencies in their December utility or water bills. He announced that after the first newsletter was mailed out by the same method, traffic to SantaYnezWater.org increased 200-300%. Discussion followed.

The CMA GSA Committee Directors unanimously recommended staff to release the draft of Newsletter No. 2 to CMA CAG for comment before distribution and to request Member Agencies to distribute the final version in utility bills/mailers.

**VIII. Receive Update on Aerial Electro-Magnetic Survey of CMA**

Mr. Buelow announced that survey team has arrived in area, began survey of EMA on November 15. They are expected to finish survey of the EMA Tuesday, begin survey of CMA by Wednesday of this week and finish the WMA by Saturday, November 21, 2020. He explained the process and steps involved to complete the survey and get data results.

He reiterated that costs for survey in the EMA is being paid by the County of Santa Barbara and costs for survey of CMA and WMA, paid equally by CMA and WMA should be mostly reimbursed by DWR Proposition 68 Grant funds.

**IX. Receive Update and Memo from CMA Citizen Advisory Group**

Mr. Buelow presented a Memorandum from CMA Citizen Advisory Group CAG prepared by representative Ms. Sharyne Merritt, dated November 11, 2020, giving an update on the CMA CAG activities. The CMA CAG met November 11, 2020 via teleconference to review and discuss the Draft Hydrogeologic Conceptual Model (HCM). The CMA CAG provided comments on the HCM to staff and consultants for consideration. Discussion followed.

Mr. Buelow announced Mr. Preston has moved out of area and is no longer able to serve on the CMA CAG. There is now a need to find two new members for the CMA CAG.

**X. Receive Draft Groundwater Conditions Technical Memorandum (GCTM) and attend presentation on GCTM and Introduction to Sustainable Management Criteria (SMCs) from the Stetson Consultant Team**

Ms. Maygan Cline (GeoSyntec), Mr. Curtis Lawler (Stetson Engineers), Mr. Miles McCammon (Stetson Engineers) and Ms. Madelyn Murray (Dudek) presented about the Groundwater Conditions Technical Memorandum (GCTM). They stated the Draft GCTM document is not available yet but will be posted online as soon as is completed and ready for public review. They also introduced Sustainable Management Criteria including undesirable results and sustainability indicators. Discussion followed.

- Mr. Buelow announced this presentation is available at [SantaYnezWater.org](http://SantaYnezWater.org)
- Director Hibbits asked if there is evidence of land subsidence exists in our watershed and how will land subsidence be monitored and who is expected to pay for it. Ms. Cline responded land subsidence is covered during this presentation. In terms of future monitoring, Mr. Buelow stated that DWR has free resources and tools available to us and we will utilize those tools as appropriate.
- Groundwater Elevation Data and Groundwater Storage
  - Bryan Bondy asked why Groundwater Elevation data and contours slides did not include information for the Buellton Upland. Stetson response to Q was, “not comfortable contouring this area due to limited data.” Groundwater Storage slides/figures do include the Buellton Upland, and provided nodal representation of groundwater storage changes.
  - Mr. Bondy noted that insufficient data for groundwater contouring, and sufficient data to present/discuss GW storage seems at odds with each other and that the consultant team should review this information and clarify, going forward.
- Sustainable Management Criteria
  - Mr. Bondy recommended spending time on / focus on the sustainability goal or end result, and less focus on the “number.” He provided feedback that other

basins have “rushed through the process to a number, instead of focusing on the desired end-result.”

- Groundwater Storage
  - Mr. Bondy asked for clarification about Groundwater Storage. Mr. McCammon and Mr. Lawler further explained graph on Slide 26 and that “0” equals full to a standard historical level based on data from nodal wells not necessarily ground level.
- Land Subsidence
  - Mr. Bondy recommended the committee consider various land subsidence relationships and conditions, as they may or may not have an effect on the groundwater environment within the CMA.
    - Elastic vs. inelastic. Elastic ‘rebound’ (opposite of subsidence) may relate to a groundwater aquifer recharging after a period of drought. Inelastic subsidence or land surface uplift may also relate to localized or regional tectonic conditions or changes.
    - Mr. Bondy recommended using a combination of DWR provided, free resources (LiDAR, InSAR, etc.) along with known GPS’d or surveyed locations within the CMA to help identify whether land surface elevation changes are elastic or inelastic, over the planning and implementation horizon.
- Interconnected Surface Water
  - Mr. Bondy asked whether the SYR is connected to the underlying water table, and if it meets the criteria for Interconnected Surface Water in the CMA.
  - Stetson explained that the river is regulated by USBR, and that various inputs and decision makers need to be considered prior to making that determination.
    - However, in accordance with SGMA, this determination will be made and will be presented in future meetings and technical presentations and will be monitored into the future.

The CMA GSA Committee Directors unanimously requested staff to post the Draft GCTM online when it is completed for a 60-day public review and comment period and directed staff to hold a Citizen Advisory Group meeting on the Draft GCTM.

#### **XI. Receive Update on Aerial Electro-Magnetic Survey of CMA**

Typographical error made on Agenda. This topic was addressed as item VII.

#### **XII. Consider holding “Special” CMA GSA Meetings on December 14, 2020 10:00 AM and January 25, 2021 10:00 AM**

Mr. Buelow suggested the CMA GSA plan for Special Meetings on December 14, 2020 and January 25, 2021 consisting of technical content to address specific topics and would be treated more like a workshop. The meetings would be held on a Monday at 10:00 am via online video or phone conference due to COVID-19 restrictions. Discussion followed.

**XIII. Next Regular CMA GSA Meeting: Monday, February 22, 2020, 10:00 AM**

Mr. Buelow announced that the next CMA GSA Committee Meeting will be Monday, February 22, 2021, 10:00 am, location TBD. Due to COVID-19 restrictions, it may be held via teleconference call.

**XIV. CMA GSA Committee requests and comments**

There were no CMA GSA Committee requests or comments.

**XV. Adjournment**

GSA Committee Director Hibbits MOVED to adjourn the meeting at 12:17 pm. GSA Committee Director Andrisek seconded the motion.

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Ed Andrisek, Chairman

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William J. Buelow, Secretary

DRAFT

**DRAFT MEETING MINUTES**  
**Groundwater Sustainability Agency for the Central Management**  
**Area in the Santa Ynez River Groundwater Basin**  
**January 25, 2021**

A special meeting of the Groundwater Sustainability Agency (GSA) for the Central Management Area (CMA) in the Santa Ynez River Groundwater Basin was held on Monday, 25 January 2021. As a result of the COVID-19 emergency and Governor Newsom's Executive Orders to protect public health by issuing shelter-in-home standards, limiting public gatherings, and requiring social distancing, this meeting occurred solely via teleconference as authorized by and in furtherance of Executive Order Nos. N-29-20 and N-33-20.

GSA Committee Directors Present: Ed Andrisek, Art Hibbits

Alternate GSA Committee Director Present: Cynthia Allen

Staff Present: Bill Buelow, Rose Hess, Amber Thompson

Others Present: Bryan Bondy, Doug Circle, Maygan Cline (GeoSyntec), Sean Diggins, Cindy Douglas, Len Fleckenstein, Larry Lahr, Deby Laranjo, Curtis Lawler (Stetson Engineers), Sharyne Merritt, Madelyn Murray (Dudek), Anita Regmi (DWR), Steve Slack (CDFW), Kevin Walsh

**I. Call to Order**

GSA Committee Director Andrisek called the meeting to order at 10:05 a.m., welcomed all in attendance. Mr. Buelow called roll. A quorum was met.

**II. Introductions and Review of SGMA in Santa Ynez River Valley Basin**

Mr. Buelow announced names of phone attendees.

Mr. Buelow reviewed history of the Sustainable Groundwater Management Act (SGMA) requirements and what has been completed so far in the Santa Ynez River Basin including: the creation of the three Groundwater Sustainability Agencies (GSAs) in the Basin (EMA, CMA, WMA), coordinating efforts between the eight agencies participating in the three GSAs, establishing a Citizen Advisory Group (CAG) in each of the Management Areas of the Basin and Groundwater Sustainability Plan (GSP) development milestones. The GSPs are due in January 2022. The CMA GSA Committee has so far prepared a Stakeholder Engagement Plan, a Data Management Plan, and a Draft Hydrogeologic Conceptual Model, which is currently open for public review and comment.

**III. Additions or Deletions to the Agenda**

No additions or deletions were made.



#### IV. Public Comment

There was no public comment.

#### V. Receive Presentation from Stetson team on “Groundwater Conditions, Water Budget, Numeric Groundwater Model and Sustainable Management Criteria”

Ms. Cline (Geosyntec Consultants), Madelyn Murray (Dudek), and Curtis Lawler, (Stetson Engineers) presented the January 2021 Stakeholder Workshop. They discussed the Groundwater Conditions Tech Memo, Water Budget Tech Memo, Groundwater Model Update and Sustainable Management Criteria example thresholds. They requested detailed comments and questions be made via the portal at [SantaYnezWater.org](http://SantaYnezWater.org).

There was public comment, GSA Committee Member, consultant, and staff discussion following each section of the presentation.

- Cindy Douglas asked if wells showing on slides 11-12 are groundwater wells or surface water wells? Curtis Lawler (Stetson) explained the wells are physically groundwater wells but legally are considered surface water diversions and is part of the groundwater basin but are regulated by State Water Resources Control Board. The data from these “surface water” wells is being used as a baseline current condition. Anita Regmi (DWR) clarified that SGMA requires reporting of the data but management of surface water wells under SGMA is still being discussed between agencies at the state level when jurisdictional overlaps occur.
- Len Fleckenstein asked: Are any of the wells with water quality data located within the City boundaries? Curtis Lawler (Stetson) answered, Yes.
- Bryan Bondy asked: Can you please explain the reasons for the starting and ending years of the historical period (1982-2018)? Is the selected period overall dry, wet, or average? How was agricultural pumping determined? Curtis Lawler (Stetson): 1982-2018 was chosen because it is relatively well balanced and includes two major drought periods and a lot of wet periods and 1982 is about when the reporting program began with SYRWCD. Agricultural pumping is based on what landowners reported to SYRWCD.
- Cindy Douglas asked for clarification on graphs that Groundwater Pumping looks a lot like the Groundwater Storage graphs. Curtis Lawler (Stetson) explained, yes, there should be a correlation...pumping increase means more water going out and reduces amount in storage.
- Sharyne Merritt asked: There appears to be a correlation between municipal and agricultural from 1998 on - do you know why? Curtis Lawler (Stetson) explained: yes, there was growth in both sectors in this area in that time.
- Committee Director Art Hibbits stated he would like water releases from Cachuma down Santa Ynez River to be mentioned since plant growth & beaver habitat in the river between releases affect the amount of water that actually gets down the river. Maygan Cline (Geosyntec) explained the water releases are included in the Inflow

numbers in the Water Budget. Curtis Lawler (Stetson) explained that managing Water Rights Releases is not under SGMA and the consultants are calculating those losses as part of outflows. Water releases to Santa Ynez River are reflected in Surface Water Budget. They were addressed in prior chapter and will specifically call it out again.

- Bryan Bondy suggested that it would be helpful to show the well screen depth range and perhaps land surface on the groundwater elevation plots for context when considering what might be undesirable. Curtis Lawler (Stetson) agreed is a good idea and will be included for future graphs.
- Anita Regmi (DWR) asked for clarification on slide 37 and asked consultants to explain rationale on how Measurable Objective & Minimum Threshold levels were chosen. Curtis Lawler (Stetson) explained the slides in this presentation are just an example that was chosen to share the idea on how the GSA Committee will choose.
- Anita Regmi (DWR) asked if the interest of beneficial users, especially domestic well owners considered in developing the Measurable Objective & Minimum Threshold. Curtis Lawler (Stetson) acknowledged that this will be a key component to consider.
- Cindy Douglas expressed caution on establishing thresholds without context & should discuss other management actions discussed. Curtis Lawler (Stetson) stated the context is set by undesirable effects/indicators and agree levels should be discussed by Citizen Advisory Group and GSA Committee.
- Len Fleckenstein asked when does data collection end for purposes of Groundwater Sustainability Plan submittal? Curtis Lawler (Stetson) responded that data collection will be ongoing. Data to be included in initial draft should be received in the next couple of months.
- Bryan Bondy: What is the process for obtaining input from beneficial users when establishing the sustainability goal, Minimum Threshold, and Measurable Objective? Bill Buelow advised input will be through CAG process whose meetings are open to the public.
- Bill Buelow stated today's presentation is available on [SantaYnezWater.org](http://SantaYnezWater.org)

**VI. Next Regular CMA GSA Meeting: Monday, February 22, 2021 10:00 AM, location TBD**

Mr. Buelow announced that the next CMA GSA Committee Meeting will be Monday, February 22, 2021, 10:00 AM, location TBD. Due to COVID-19 restrictions, it may be held via teleconference call.

**VII. CMA GSA Committee requests and comments**

Mr. Buelow announced the CMA CAG has two open seats and that applications are now being accepted. The application can be found at [SantaYnezWater.org](http://SantaYnezWater.org).

## VIII. Adjournment

Committee Director Andrisek adjourned the meeting at 12:00 p.m.

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Ed Andrisek, Chairman

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William J. Buelow, Secretary

DRAFT

SYRWCD CMA  
BALANCE SHEET  
DECEMBER 31, 2020

Assets

Current Assets

Mechanics Bank #5472	\$186,292.40	
	-----	
TOTAL Current Assets		186,292.40
		-----
TOTAL Assets		\$186,292.40
		=====

Liabilities AND Equity

TOTAL Liabilities		.00
		-----

Net Position

Retained Earnings	256,411.70	
Retained Earnings-Current Year	(70,119.30)	
	-----	
TOTAL Net Position		186,292.40
		-----
TOTAL Liabilities AND Equity		\$186,292.40
		=====

SYRWCD CMA  
INCOME STATEMENT  
FOR THE 6 PERIODS ENDED DECEMBER 31, 2020

	____	QUARTER TO DATE	____	YEAR TO DATE
	ACTUAL	PERCENT	ACTUAL	PERCENT
Revenue:				
Revenue				
Operating Assessments	\$52,383.92	51.3 %	86,457.07	63.5
Grant Revenue	49,771.96	48.7	49,771.96	36.5
	-----	-----	-----	-----
TOTAL Revenue	102,155.88	100.0	136,229.03	100.0
	-----	-----	-----	-----
TOTAL Revenue	102,155.88	100.0	136,229.03	100.0
	-----	-----	-----	-----
Gross Profit	102,155.88	100.0	136,229.03	100.0
Expenses:				
Operating Expenses				
Outside Staff Support	150.00	.1	150.00	.1
	-----	-----	-----	-----
TOTAL Operating Expenses	150.00	.1	150.00	.1
	-----	-----	-----	-----
Consultants				
General Consultant	22.50	.0	22.50	.0
Stakeholder Engagement	2,520.85	2.5	6,753.72	5.0
GSP - DMS	772.97	.8	774.47	.6
GSP - HCM	50,039.62	49.0	79,133.69	58.1
GSP - Water Budget, GW Models	36,127.22	35.4	45,740.22	33.6
GSP - Monitor/Measure	.00	.0	19.00	.0
GSP-AEM Survey	73,688.75	72.1	73,688.75	54.1
	-----	-----	-----	-----
TOTAL Consultants	163,171.91	159.7	206,132.35	151.3
	-----	-----	-----	-----
Non Operating Expenses				
Misc Expense	30.00	.0	65.98	.0
	-----	-----	-----	-----
TOTAL Non Operating Expenses	30.00	.0	65.98	.0
	-----	-----	-----	-----
TOTAL Expenses	163,351.91	159.9	206,348.33	151.5
	-----	-----	-----	-----
Net Income from Operations	(61,196.03)	(59.9)	(70,119.30)	(51.5)
	-----	-----	-----	-----
Earnings before Income Tax	(61,196.03)	(59.9)	(70,119.30)	(51.5)
	-----	-----	-----	-----
Net Income (Loss)	\$(61,196.03)	(59.9)%	(70,119.30)	(51.5)
	=====	=====	=====	=====

**GROUNDWATER SUSTAINABILITY AGENCY FOR THE CENTRAL MANAGEMENT AREA (CMA)  
IN THE SANTA YNEZ RIVER VALLEY GROUNDWATER BASIN**

**OCTOBER 2020 WARRANT LIST FOR COMMITTEE APPROVAL**

<u>NUMBER</u>	<u>DATE</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>
WIRE TRANSFER	10/13/20	SkyTEM Canada (thru SYRWCD)	AEM Survey of CMA/WMA (50% of Inv #1 of 3)	\$ 36,624.00
BANK FEE	10/13/20	Mechanics Bank (thru SYRWCD)	50% of International Wire Transfer Bank Fee (actually charged \$15/GSA. \$5 used toward Dec. fee)	\$ 20.00
<b>MONTH TOTAL</b>				<b>\$ 36,644.00</b>

**NOVEMBER 2020 WARRANT LIST FOR COMMITTEE APPROVAL**

<u>NUMBER</u>	<u>DATE</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>
1021	11/23/20	Bartlett, Pringle & Wolf	Consulting - Grant Financial	\$ 22.50
1022	11/23/20	Stetson Engineers	August & September 2020 Engineering Service (Task Order #2)	\$ 55,080.05
1023	11/23/20	Santa Ynez River Water Conservation District	50% of costs for Legal Counsel & Public Notice regarding AEM Survey of CMA/WMA paid by SYRWCD	\$ 440.75
1024	11/23/20	Valley Bookkeeping	FY 2020-21 1st Quarter Bookkeeping (July, August, September 2020)	\$ 150.00
<b>MONTH TOTAL</b>				<b>\$ 55,693.30</b>

**DECEMBER 2020 WARRANT LIST FOR COMMITTEE APPROVAL**

<u>NUMBER</u>	<u>DATE</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>
WIRE TRANSFER	02/02/20	SkyTEM Canada (thru SYRWCD)	AEM Survey of CMA/WMA (50% of Inv #2 of 3)	\$ 36,624.00
BANK FEE	02/02/20	Mechanics Bank (thru SYRWCD)	50% of International Wire Transfer Bank Fee (actually charged \$15/GSA. \$5 paid from Oct. fee)	\$ 10.00
1025	12/17/20	Stetson Engineers	October 2020 Engineering Service (Task Order #2)	\$ 34,380.61
<b>MONTH TOTAL</b>				<b>\$ 71,014.61</b>

**TOTAL THIS QUARTER: \$ 163,351.91**

## ATTACHMENT A

Name: michael anderson

Mailing Address: 7290 Santa Rosa Road, Buellton CA 93427

Daytime Phone Number: 530 304 1123

### What is your relationship to the Central Management Area of the Santa Ynez River Valley Groundwater Basin? (See Attached Map)

#### Please check all that apply:

- |  |   |
|--|---|
| <input type="checkbox"/> Resident                                    | <input type="checkbox"/> NGO Representative               |
| <input type="checkbox"/> Domestic Well Owner/<br>Producer            | <input type="checkbox"/> Agricultural Well Owner/Producer |
| <input type="checkbox"/> Public Agency<br>Representative             | <input type="checkbox"/> California Native American Tribe |
| <input type="checkbox"/> Landowner                                   | <input type="checkbox"/> Business Owner                   |
| <input checked="" type="checkbox"/> Representative of a<br>landowner | <input type="checkbox"/> Other: _____                     |

### Why are you interested in serving on the CAG? (Please use additional page if more space is needed.)

I use water from the Santa Ynez River Valley groundwater basin to grow grapes and believe myself to be good a steward of the resource. I understand this to be a resource of many and am interested helping to guide the allocation of the resource in a way that understands the impact to all.

### What type or category of groundwater uses or users in the Central Management Area do you propose to represent?

Impact of water use by agriculture on the Santa Ynez River watershed.

### What unique experience or expertise will you contribute if selected to the CAG? Please explain any technical knowledge you have regarding water resource issues in the CMA. (Please use additional page if more space is needed.)

Water use of grapevines is an area of long interest and research and have multiple per reviewed publications on the subject.

Matthews, M.A., Anderson, M.M. Reproductive development in grape (*Vitis vinifera* L.): responses to seasonal water deficits. American Journal of Enology and Viticulture 1989. 40:52-60.

Matthews, M.A., Ishii, R., Anderson, M.M.; O'Mahoney, M. Dependence of wine sensory attributes on vine water status. Journal Sci Food Agric. 1990. 51:321-335.

Matthews, M.A., Anderson, M.M. Fruit ripening in *Vitis vinifera* L.: responses to seasonal water deficits. American Journal of Enology and Viticulture 1988. 39:313-320.

Matthews, M.A., Anderson, M.M., Schultz, H.R. Phenologic and growth responses to early and late season water deficits in Cabernet franc. *Vitis* Sept 1987. 26:147-160.

ATTACHMENT A

Are you committed to fully participate in the CAG process through completion of the GSP in January 2022? Do you have particular time or timing limitations that may impact your ability to serve as a member of the CAG?

- Yes.
- I do not

Please provide the names and contact information for three personal and/or professional references.

1.

Name: Dr. Jean Dodson

Affiliation/Relationship: Colleague

Daytime Phone Number: (805) 756-2770

2.

Name: Randy Heinzen

Affiliation/Relationship: Colleague

Daytime Phone Number: (805) 434-2044

3.

Name: John Wagner

Affiliation/Relationship: friend / student / employer

Daytime Phone Number: (323) 428-9129



## ATTACHMENT A

Name: Richard Barton

Mailing Address: 845 N Euclid Ave, Ontario, CA 91762

Daytime Phone Number: 951-787-6706

### What is your relationship to the Central Management Area of the Santa Ynez River Valley Groundwater Basin? (See Attached Map)

Please check all that apply:

- |  |  |
|--|--|
| <input type="checkbox"/> Resident                                | <input type="checkbox"/> NGO Representative                          |
| <input checked="" type="checkbox"/> Domestic Well Owner/Producer | <input checked="" type="checkbox"/> Agricultural Well Owner/Producer |
| <input type="checkbox"/> Public Agency Representative            | <input type="checkbox"/> California Native American Tribe            |
| <input checked="" type="checkbox"/> Landowner                    | <input checked="" type="checkbox"/> Business Owner                   |
| <input type="checkbox"/> Representative of a landowner           | <input type="checkbox"/> Other: _____                                |

### Why are you interested in serving on the CAG? (Please use additional page if more space is needed.)

We raise and care for thoroughbred horses at our 200 acre ranch in Santa Ynez. We currently have twenty five employees and/or families that live at our facility and work full-time on the property. Our pumped water is used for the care and health of the horses, including the irrigation of pastureland grass that is used as an aid to our horses' overall health. Water that is pumped from our wells is frequently tested for pollutant contamination and suitability for irrigation. We have no standing water on our ranch and all irrigated water is immediately absorbed back into the ground. There is zero run off. We have no standing manure on our ranch and continually clean and drag our fields to promote a recycling process and an increase in the nutritious value of our soil.

### What type or category of groundwater uses or users in the Central Management Area do you propose to represent?

Being a major landowner and business owner and employer in Santa Ynez, I will represent the interests of the entire business community that has made and continues to make Santa Ynez a desirable place to live and work.

### What unique experience or expertise will you contribute if selected to the CAG? Please explain any technical knowledge you have regarding water resource issues in the CMA. (Please use additional page if more space is needed.)

I have experience in starting and building a successful business without legal problems or pending lawsuits. I have a technical degree in engineering that allows me to analyze data and scientifically make decisions from data collected. As a note to the committee that is attempting to develop a ground water policy, our company hired a well testing company in Santa Ynez. Readings on our wells were taken when we purchased the land four years ago and again last year when we converted one well from electricity to natural gas. All data is in the possession of the well drilling company that converted our pump.

To summarize the findings on the data presented to me, the depth of water below the surface of land at our ranch has risen over the past four years and has shown no sign of any loss of water during our period of ownership.

## ATTACHMENT A

**Are you committed to fully participate in the CAG process through completion of the GSP in January 2022? Do you have particular time or timing limitations that may impact your ability to serve as a member of the CAG?**

I am currently the President of Richard Barton Enterprises, a business with well over 150 employees and sales of over \$100,000,000 annually. We currently own and farm over 500 acres of land in Utah, and have alfalfa, cattle, apples, as well as thoroughbred horses. While I am at work on an everyday basis, it is only a four hour drive from my house in Riverside to my farm in Santa Ynez. Since my daughter is very familiar with teleconferencing and since she is primarily concerned with the Santa Ynez farming operation, I am sure that she will direct my attention to the time requirements that may or may not be required.

**Please provide the names and contact information for three personal and/or professional references.**

1.

**Name:** Kate Barton Penner  
**Affiliation/Relationship:** Daughter, VP of Barton Thoroughbreds  
**Daytime Phone Number:** 951-830-7873

2.

**Name:** Mark Barton  
**Affiliation/Relationship:** Son, VP of Richard Barton Ent.  
**Daytime Phone Number:** 801-554-6567

3.

**Name:** Paul Barton  
**Affiliation/Relationship:** Son, VP of Richard Barton Ent.  
**Daytime Phone Number:** 801-514-2092

## ATTACHMENT A

Name: Lindsay Cokeley

Mailing Address: 85 W Hwy 246 #233

Daytime Phone Number: (818) 317-8414

### What is your relationship to the Central Management Area of the Santa Ynez River Valley Groundwater Basin? (See Attached Map)

#### Please check all that apply:

- |   |  |
|---|--|
| <input type="checkbox"/> Resident                                 | <input type="checkbox"/> NGO Representative                          |
| <input checked="" type="checkbox"/> Domestic Well Owner/Producer  | <input checked="" type="checkbox"/> Agricultural Well Owner/Producer |
| <input type="checkbox"/> Public Agency Representative             | <input type="checkbox"/> California Native American Tribe            |
| <input type="checkbox"/> Landowner                                | <input type="checkbox"/> Business Owner                              |
| <input checked="" type="checkbox"/> Representative of a landowner | <input type="checkbox"/> Other: _____                                |

### Why are you interested in serving on the CAG? (Please use additional page if more space is needed.)

I am looking represent a group of stakeholders in the Central Management Area that includes farmers and property owners in the cannabis industry. Our group is heavily invested in sustainable resource use and would like to take part in the Groundwater Sustainability Plan for our area.

### What type or category of groundwater uses or users in the Central Management Area do you propose to represent?

Agricultural and residential uses

### What unique experience or expertise will you contribute if selected to the CAG? Please explain any technical knowledge you have regarding water resource issues in the CMA. (Please use additional page if more space is needed.)

I have previous experience working with the SYRWCD, SBCWA, and ID1. I have moved into the private industry where my knowledge of water conservation and compliance with Regional Water Quality Control Board is being used, and would like to have the opportunity to represent the various stakeholders.

## ATTACHMENT A

Are you committed to fully participate in the CAG process through completion of the GSP in January 2022? Do you have particular time or timing limitations that may impact your ability to serve as a member of the CAG?

Yes.

No.

Please provide the names and contact information for three personal and/or professional references.

1.

Name: John DeFriel

Affiliation/Relationship: CEO of Central Coast Agriculture

Daytime Phone Number: 805-694-8594

2.

Name: Eric Tambini

Affiliation/Relationship: Former Supervisor

Daytime Phone Number: 805-245-1432

3.

Name: Cindy Douglas

Affiliation/Relationship: Colleague

Daytime Phone Number: 805-315-5303

ATTACHMENT A

Name: Len Fleckenstein  
Mailing Address: 430 Valley Dairy Rd., Buellton, CA 93427  
Daytime Phone Number: (805) 686-4608

What is your relationship to the Central Management Area of the Santa Ynez River Valley Groundwater Basin? (See Attached Map)

Please check all that apply:

- Resident
- Domestic Well Owner/Producer
- Public Agency Representative
- Landowner
- Representative of a landowner
- NGO Representative
- Agricultural Well Owner/Producer
- California Native American Tribe
- Business Owner
- Other: \_\_\_\_\_

Why are you interested in serving on the CAG? (Please use additional page if more space is needed.)

*As a Buellton resident, I want to know the status of current water supplies and whether our water sources can meet future demand. As a former County Water Agency employee, I remain interested in helping to assure the wise usage of water supplies.*

What type or category of groundwater uses or users in the Central Management Area do you propose to represent?

*I would represent Buellton residents, especially those who care about both our city and the surrounding agricultural and natural environment.*

What unique experience or expertise will you contribute if selected to the CAG? Please explain any technical knowledge you have regarding water resource issues in the CMA. (Please use additional page if more space is needed.)

*From 2006 to 2015 I worked for the Santa Barbara County Water Agency as the water conservation program coordinator. My work experience gave me an overview of water issues in S.B. County, including ground water, surface water, imported state water, water usage, and water management. Prior to my work in S.B. County, I worked for 8 years in the U.S. EPA's Office of Water -- mainly on Clean Water Act issues.*

CMA-CAG

ATTACHMENT A

Are you committed to fully participate in the CAG process through completion of the GSP in January 2022? Do you have particular time or timing limitations that may impact your ability to serve as a member of the CAG?

*I have tentative travel plans for fall 2021. I would try to avoid scheduling conflicts with CAG/CMA meetings. However I may need to participate remotely/virtually in meetings or "homework" assignments.*

Please provide the names and contact information for three personal and/or professional references.

1.

Name: Rose Hess  
Affiliation/Relationship: Public Works Director, Buellton  
Daytime Phone Number: 805-688-5177

2.

Name: Matt van der Linden  
Affiliation/Relationship: Public Works Dir., Solvang  
Daytime Phone Number: 805-688-5575

3.

Name: Tom Fayram  
Affiliation/Relationship: Deputy P.W. Director, SB County  
Daytime Phone Number: 805-568-3440

ATTACHMENT A

Name: Deby Haranjo  
Mailing Address: PO Box 22, Buellton, CA 93427  
Daytime Phone Number: 805-686-0709 / (cell) 805-448-8877

What is your relationship to the Central Management Area of the Santa Ynez River Valley Groundwater Basin? (See Attached Map)

Please check all that apply:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Resident                     | <input type="checkbox"/> NGO Representative                          |
| <input checked="" type="checkbox"/> Domestic Well Owner/Producer | <input checked="" type="checkbox"/> Agricultural Well Owner/Producer |
| <input type="checkbox"/> Public Agency Representative            | <input type="checkbox"/> California Native American Tribe            |
| <input checked="" type="checkbox"/> Landowner                    | <input type="checkbox"/> Business Owner                              |
| <input type="checkbox"/> Representative of a landowner           | <input type="checkbox"/> Other: _____                                |

Why are you interested in serving on the CAG? (Please use additional page if more space is needed.)

*See Attached*

What type or category of groundwater uses or users in the Central Management Area do you propose to represent?

*See Attached*

What unique experience or expertise will you contribute if selected to the CAG? Please explain any technical knowledge you have regarding water resource issues in the CMA. (Please use additional page if more space is needed.)

*See Attached*

ATTACHMENT A

Are you committed to fully participate in the CAG process through completion of the GSP in January 2022? Do you have particular time or timing limitations that may impact your ability to serve as a member of the CAG?

See Attached

Please provide the names and contact information for three personal and/or professional references.

1.

Name: Sgt. Scott Anderson  
Affiliation/Relationship: CA State Parks / Supervisor  
Daytime Phone Number: 805-746-9881

2.

Name: Sandy Laranjo  
Affiliation/Relationship: Paralegal / sister  
Daytime Phone Number: 805-630-1042

3.

Name: Erica Buckley  
Affiliation/Relationship: State Park Ranger / Co-worker  
Daytime Phone Number: 805-403-2807



**Why are you interested in serving on the CAG?**

With California being in, what seems to be, a perpetual drought, water management of the basins will be the critical issue as it pertains to the future of agriculture in our state. Our family ranch/farm (family owned since 1932), sits right in the middle of the CMA. If I can, I'd like to try and be part of a solution in helping to take care of this precious resource for future years to come.

**What type or category of groundwater uses or users in the Central Management Area do you propose to represent?**

All types/categories of groundwater uses and users in the CMA should be represented. The final GSP will affect us all. I am particularly concerned with how management of the groundwater basin is going to affect surface water diverters (alluvium) such as myself. I know the Plan is not supposed to, but, frankly, I don't see how the alluvium cannot be affected. I will be an advocate for all those along the river who rely on the alluvium for agricultural and domestic water.

**What unique experience or expertise will you contribute if selected to the resource issues in the CMA.**

I don't really have any unique experience, expertise or technical knowledge regarding water resource issues in the CMA. I **do** however, have a profound sense of pride in the heritage of our ranch (family owned for 89 years) and a desire to do what I can to ensure it will be here for the future generation...without water, it will not be!

**Are you committed to fully participate in the CAG process through completion of the GSP in January 2022 ? Do you have particular time or timing limitations that may impact your ability to serve as a member of the CAG?**

Yes, I'm able to commit to the CAG process through completion of the GSP in January 2022. Currently, I work part-time (Wednesdays) for California State Parks and I volunteer Sundays at the Natural History Museum in Santa Barbara. Both commitments are flexible.

CMA Data Management Plan

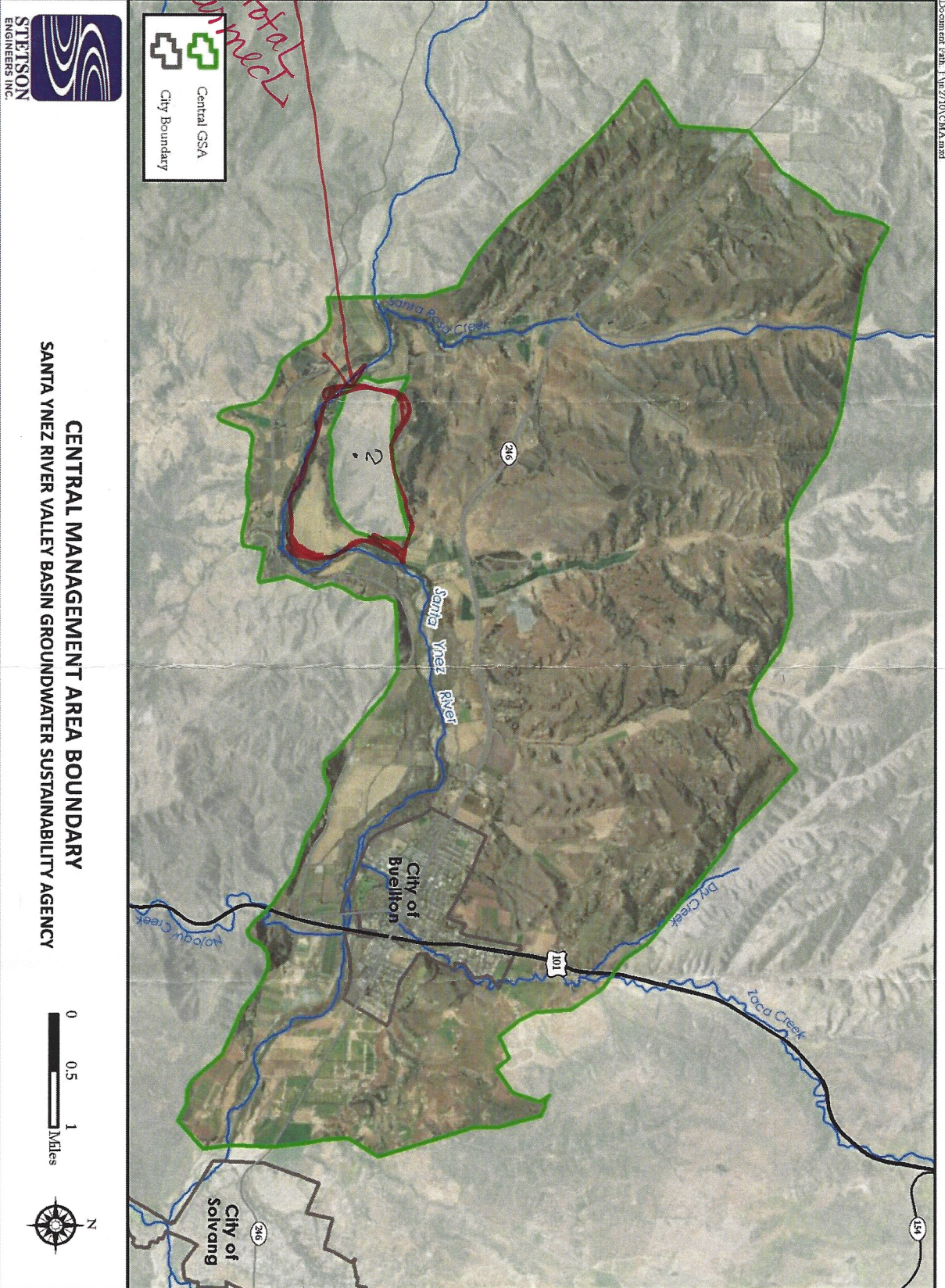


FIGURE 1-2



Santa Ynez River Valley Groundwater Basin  
Central Management Area  
Groundwater Sustainability Agency

**February 2021**

**Stakeholder Workshop**



engineers | scientists | innovators

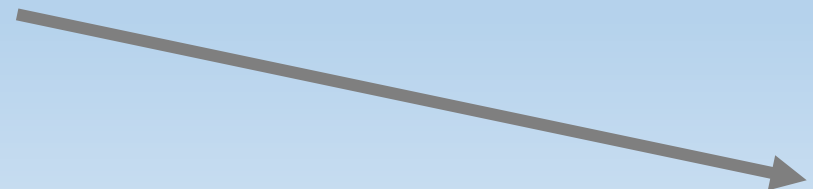
# Housekeeping

- Recording the meeting for the purpose of capturing public feedback
- Recording can be made available upon request
- Opportunities for public feedback and questions throughout the workshop
- Public comments on the GCTM should be submitted to the website:



[www.santaynezwater.org](http://www.santaynezwater.org)

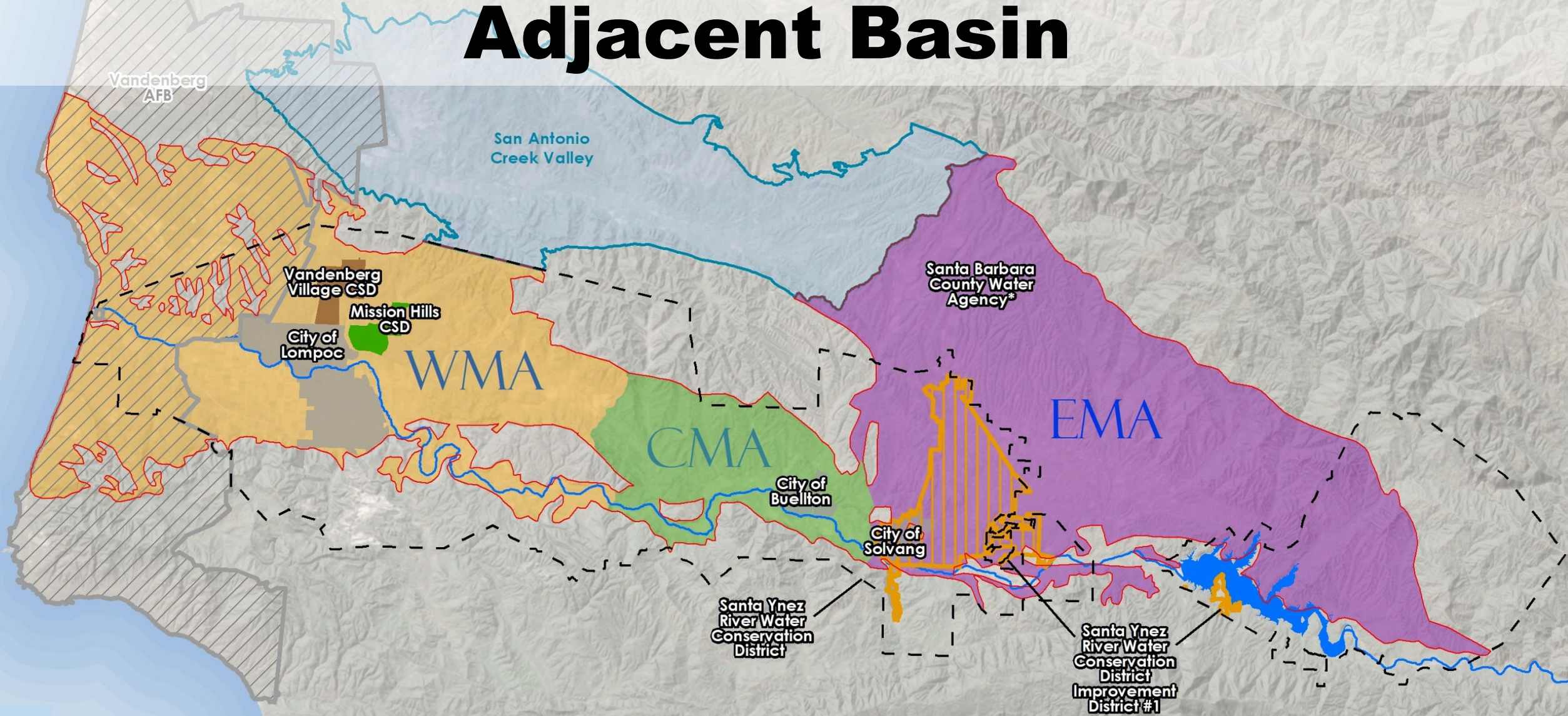
- Slide numbers in lower right



# Agenda

1. Groundwater Conditions Tech Memo Available for Public Comment
2. Water Budget, Sustainable Yield, Safe Yield, and Overdraft Discussion
3. Groundwater Model Update
4. Way Ahead/ Schedule

# Basin, Management Areas, & Adjacent Basin



# Groundwater Conditions Technical Memo

Describes the current groundwater conditions within the CMA for sustainability indicators:

- Groundwater Elevations and Hydrographs
- Groundwater Storage
- Groundwater Quality
- Land Subsidence
- Interconnected Surface Water and Groundwater Dependent Ecosystems
- Currently Available for Public Comment; Due by March 19, 2021

# Demonstration of Comment Features on Santa Ynez River Groundwater Basin Communications Portal

- <https://www.santaynezwater.org/>
  - Site for entire Santa Ynez River Valley Groundwater Basin
  - CMA page



# Groundwater Conditions Technical Memo

*Questions?*

# Sustainable Yield, “Safe” Yield, and Overdraft Discussion

- Previous Groundwater Management Legislation before SGMA
  - AB3030
- Previous Determinations of Safe Yield and Overdraft in the CMA
  - Buellton Uplands Groundwater Management Plan 1995
  - County of Santa Barbara Groundwater Basins Summary Reports (2019, 2014)
  - Annual Engineering Survey and Report on Water Supply Conditions of the Santa Ynez River Water Conservation District
- SGMA’s Definitions of Sustainable Yield and Overdraft and Process to Determine

# AB3030 1992

- 1992: Assembly Bill 3030 (AB3030) first established California's Groundwater Management Act (GMA).
- Authorized local agencies to prepare and implement groundwater management plans (GMPs) by following a uniform, systematic procedure.
- Agency participation was voluntary.
- Mitigation of conditions of overdraft:
  - AB3030 – Optional
  - SGMA -----→ Required

# Buellton Uplands Groundwater Management Plan 1995

- **“Perennial yield”** = long term average annual amount of water which can be withdrawn from a basin under specified operating conditions( e.g. legal, economic, environmental and management parameters) without inducing a long term progressive drop in water levels.
- **“Overdraft”** = Sustained consumption beyond perennial yield.
  - Distinguished overdraft- long term decline- versus the concept of overdrafting the basin in any single year, or a dry series of years.

# Buellton Uplands Groundwater Management Plan 1995

## Buellton Upland Perennial Yield Determination

	<u>AFY</u>
Recharge from Precipitation (+)	2,642
Recharge from Streamflow Infiltration (+)	300
Natural Discharge (-)	255
Net Recharge	2,687
Return flow from imported Ag water use (alluvium)	250
Perennial Yield w/ Imports	2,900
Perennial Yield w/o Imports	2,650

## County of Santa Barbara Groundwater Basins Status Report



**Public Works Department  
Water Resources Division  
Water Agency**

130 East Victoria Street  
Santa Barbara, CA 93101  
(805) 568-3440

October 14, 2014

## Other Estimates of Perennial Yield for the Buellton Upland Aquifer

DRAFT  
WATER RESOURCES MANAGEMENT PLAN  
SANTA YNEZ RIVER WATER CONSERVATION DISTRICT

May 28, 1992

STETSON ENGINEERS INC.  
San Rafael West Covina San Clemente  
California

Mesa, Arizona

# Pre-SGMA Estimates of Perennial (“Safe”) Yield for Buellton Upland

	AFY	County 1991	SYRWCD Water Resources Management Plan 1992	County 2014; Stetson 2019
<b>Estimated Perennial Yield (afy)</b>		1,820	2,500	2,800
2015 Groundwater Pumpage	4,526			
1- year Perennial Yield less Pumping		-2,706	-2,026	-1,726
1982-2018 Groundwater Average Pumpage	2,560			
37- year Perennial Yield less Pumping		-740	-60	240

# Overdraft, Sustainable Yield, and SGMA

“Overdraft” (DWR Bulletin 118): Condition of a groundwater basin in which the amount of water withdrawn by pumping exceeds the amount of water that recharges the basin over a period of years, during which the water supply conditions approximate average conditions. Overdraft can be characterized by groundwater levels that decline over a period of years and never fully recover, even in wet years.

Overdraft is similar in concept to perennial (“safe”) yield concept used in the 1995 Buellton Upland Management Plan.



# Overdraft, Sustainable Yield, Overdraft and SGMA

“~~Safe~~ Sustainable yield” = Maximum quantity of water, calculated over a base period representative of long-term conditions in the basin and including any temporary surplus, that can be withdrawn annually from a groundwater supply without causing an undesirable result.

GSP Undesirable Results – SMCs

GSP Water Budget Analysis Time Period (W.Y. 1982 – W.Y. 2018)  
representative of long-term conditions.

Preliminary CMA GSP Water Budget being refined through  
groundwater model calibration on a monthly basis.

# **Water Budget Technical Memo**

*Questions?*

# Groundwater Model Update

## Groundwater Model Uses and SGMA:

- Quantitative estimate of groundwater inflows and outflows to the CMA (informs the Water Budget),
- Considerations for seasonality and temporal changes to groundwater availability and recharge,
- Quantitative framework to estimate future potential scenarios, and
- Guide development of SMC thresholds.

## Groundwater Modeling Steps:

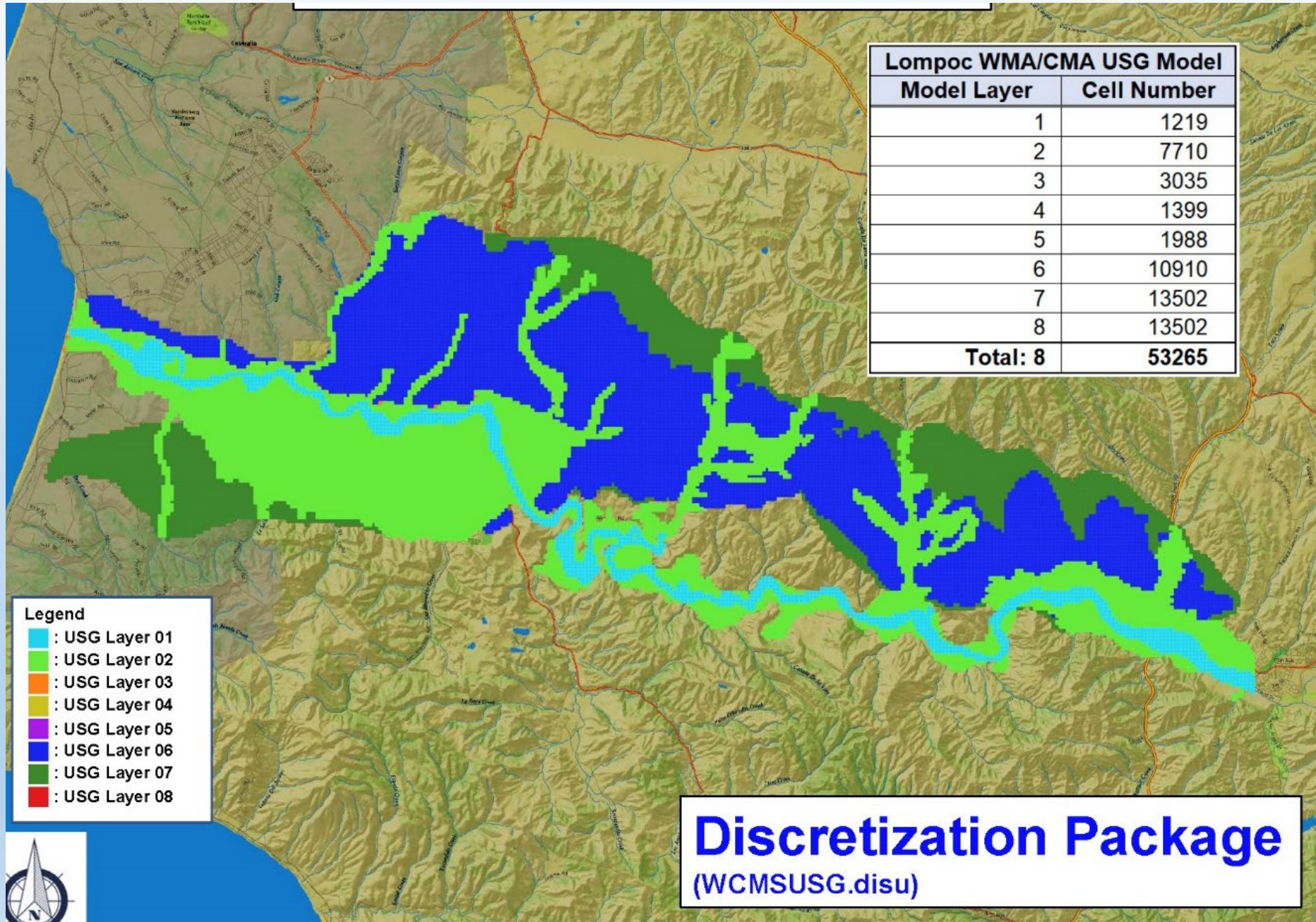
- Build
- Calibrate
- Run Scenarios

# Model Grid

Model cells are 4 acres.

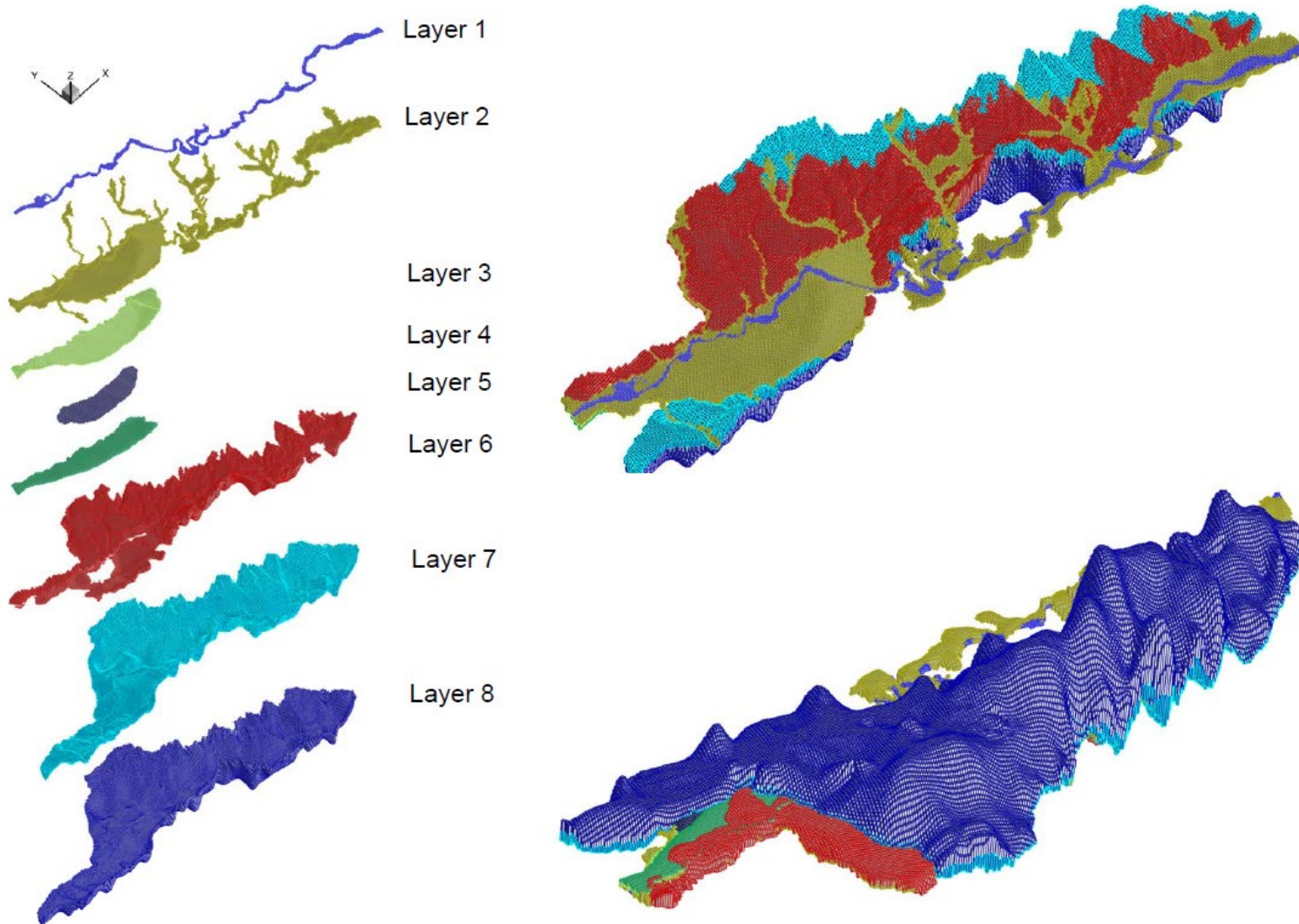
Monthly timestep.

Solvang to Pacific Ocean



# Groundwater Model Update

## Groundwater Model Layers



The 3D subsurface geologic model was used to export the various groundwater model layers.

Each layer correlates to a different geologic formation (or unit) and identified Principal Aquifer.

These layers are used as the basis for the groundwater model.

The model estimates groundwater flow velocities, recharge rates, and model scenarios to predict future groundwater supply and demand based on current groundwater uses.

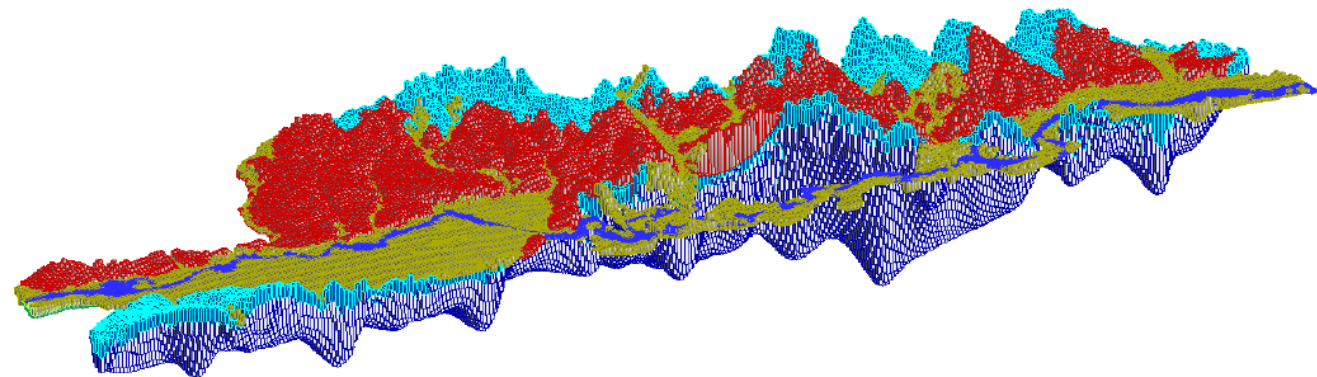
# Groundwater Model Update

View of all  
Groundwater  
Model Layers  
stacked  
together

## Layer Property Flow Package (WCMSUSG.Ipf)

### Model Aquifer Properties

Model Layer	Kx = Ky (ft/day)	Kz (ft/day)	Ss (ft <sup>-1</sup> )	Sy	Remark
1	240	0.24	0.0001	0.1	Stream Deposits
2	55	0.055	0.0001	0.1	Upper Alluvium
3	35.5	0.0355	0.0001	0.1	Lower Alluvium
4	2.2	0.0022	0.0001	0.1	Silt
5	300	0.3	0.0001	0.1	Main Water Bearing Zone
6	15	0.015	0.0001	0.1	Older Alluvium
7	50	0.05	0.0001	0.1	Upper Careaga
8	10	0.01	0.0001	0.1	Lower Careaga

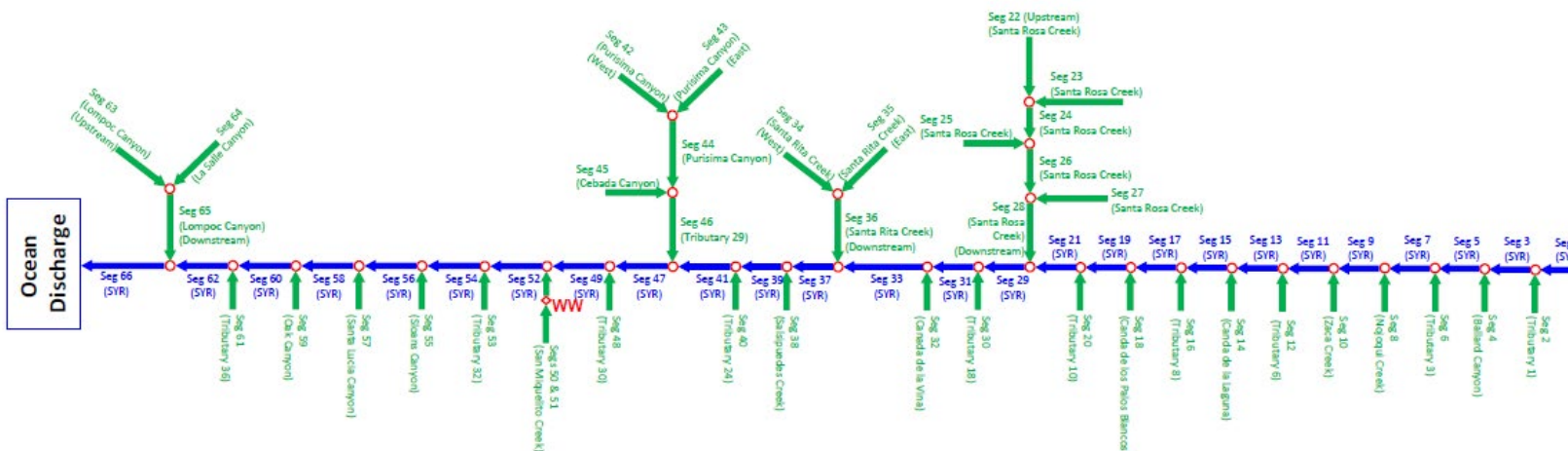
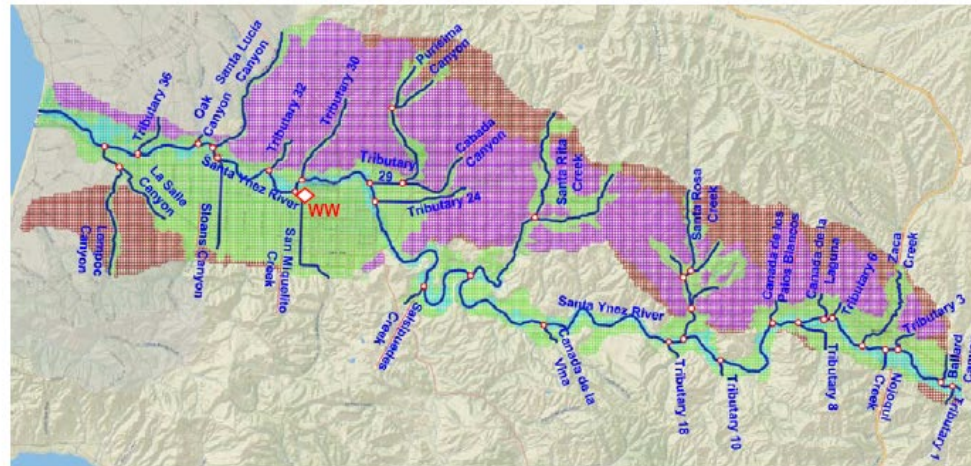


Aquifer properties for each model cells will be adjusted based on model cell locations during model calibration

# Groundwater Model Update

## Stream Flow Routing Package (WCMSUSG.sfr)

### WMA/CMA USG Model Stream Flow System



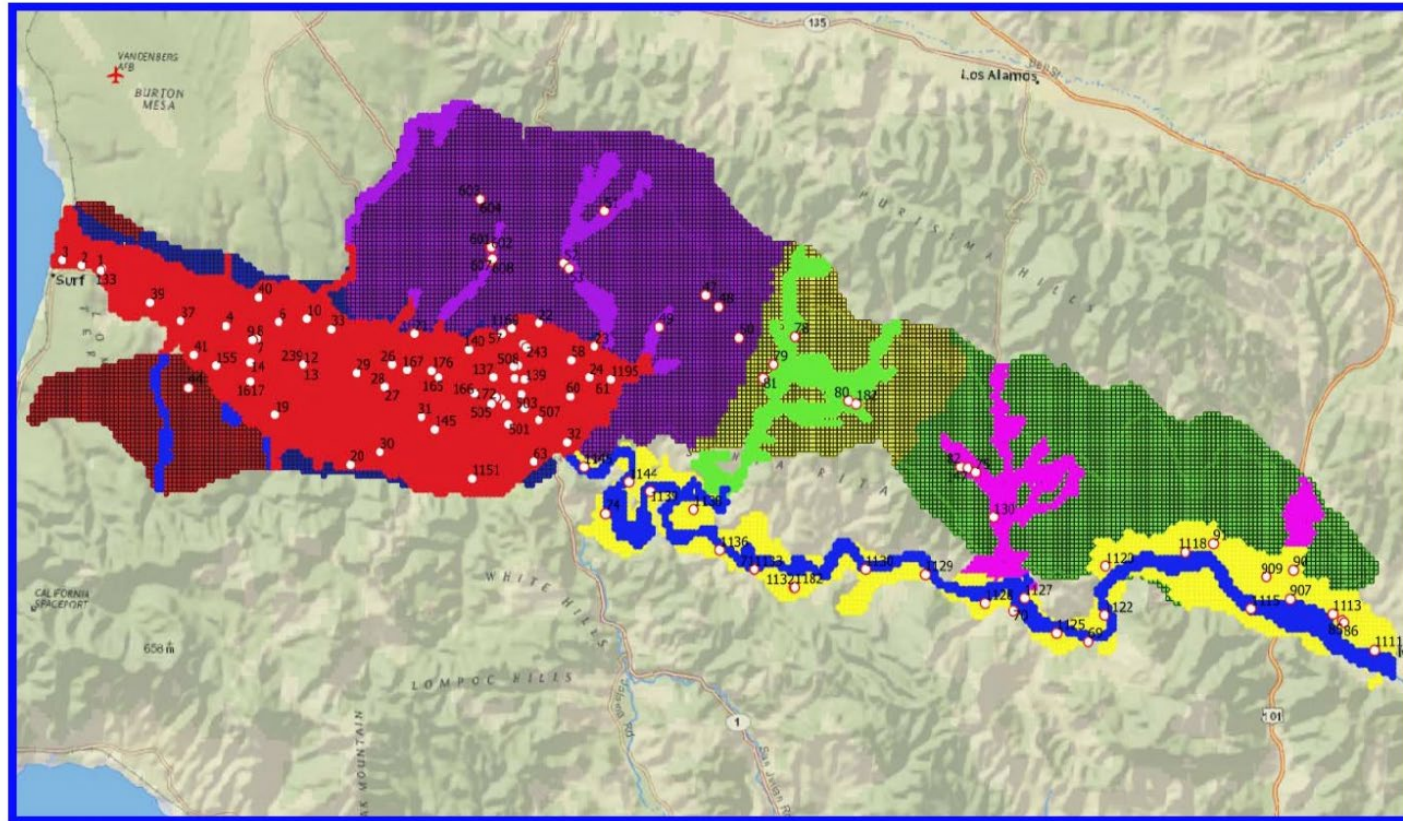
Visual representation of how stream flows are considered and integrated into the groundwater model.

Stream flows contribute to recharge of the identified Principal Aquifers.

Calibration time period  
WY 1982-2018

# Groundwater Model Update

## Calibration Target



○ : 123 Selected Wells with long-term water level measurements

Water Budgets developed per subareas. For CMA: Buellton Upland and Santa Ynez River Alluvium subareas

Calibration time period  
WY 1982-2018

- Calibrated to Measured:
- Groundwater Levels/Contours
  - Streamflow gages
  - Intra/Inter Annual Variability



# Groundwater Model Update

*Questions?*

# The Way Ahead

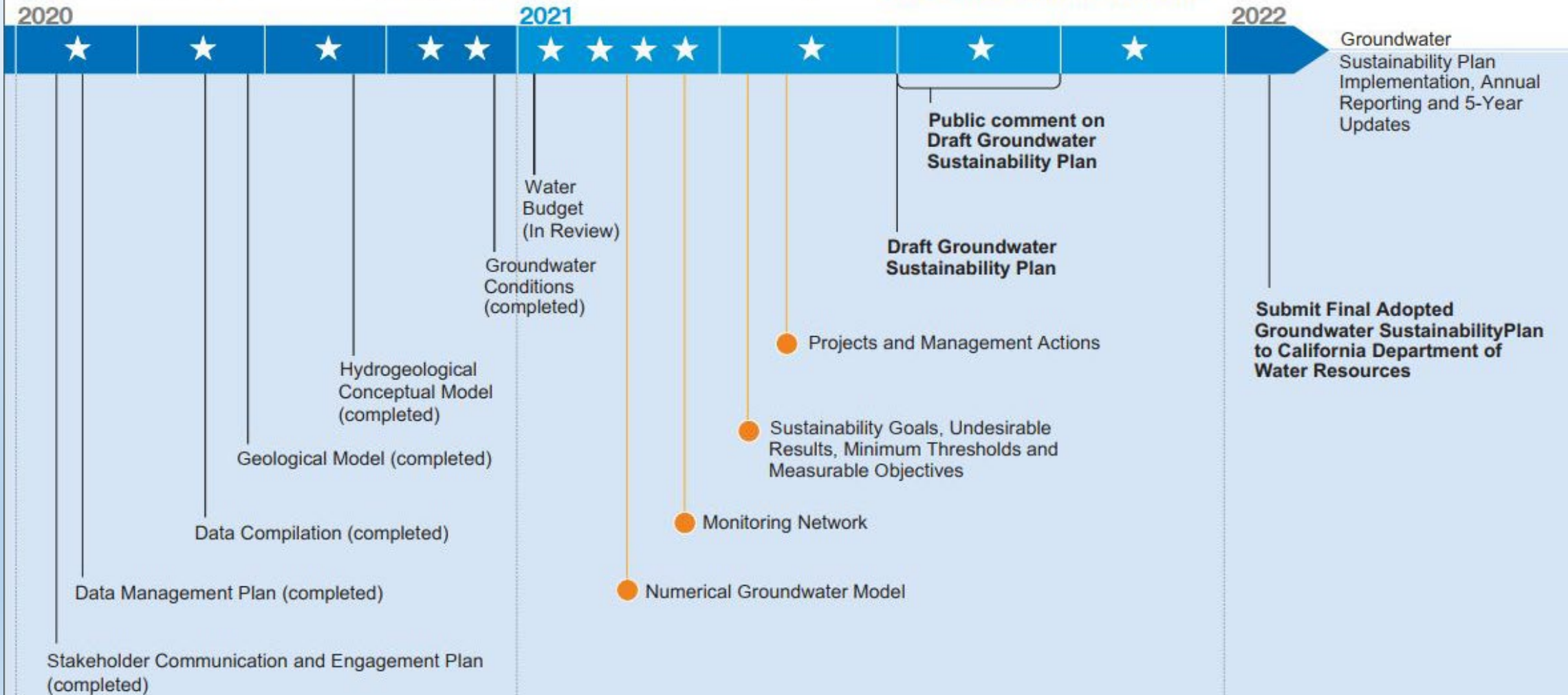
- ~~Complete the Groundwater Conditions Tech Memo~~
- Complete the Water Budget
- Complete the Groundwater Model
- Establish Monitoring Network
- Establish Sustainable Management Criteria Thresholds
- Identify Projects and Management Actions
- Release DRAFT GSP

# The Way Ahead

## Groundwater Sustainability Plan Development Milestones

☆ Groundwater Sustainability Agency Committee Public Meeting

● Technical Memorandum



# Questions?

Comments can be submitted to the website:



[www.santaynezwater.org](http://www.santaynezwater.org)

CENTRAL MANAGEMENT AREA  
MEMORANDUM

---

DATE: February 18, 2021  
TO: CMA GSA Committee  
FROM: Member Agency Staff  
SUBJECT: Proposed Special and Regular Meeting Schedule

---

**Proposed Meeting Schedule for CMA GSA Committee through August 2021  
All meeting Date/time Monday/10 AM, location TBD.**

<u>Date</u>	<u>Meeting Type</u>
03/22/2021	Special
04/26/2021	Special
<b>05/24/2021</b>	<b>Regular</b>
06/28/2021	Special
07/26/2021	Special
<b>08/23/2021</b>	<b>Regular</b>