



# CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY

## BOARD OF DIRECTORS MEETING

### Board of Directors

**Derek Yurosek** Chair, Cuyama Basin Water District

**Paul Chounet** Vice Chair, Cuyama Community Services District

**Cory Bantilan** Secretary, Santa Barbara County Water Agency

**Matt Vickery** Treasurer, Cuyama Basin Water District

**Byron Albano** Cuyama Basin Water District

**Lynn Compton** County of San Luis Obispo

**Zack Scrivner** County of Kern

**Arne Anselm** County of Ventura

**Lorena Stoller** Cuyama Basin Water District

**Das Williams** Santa Barbara County Water Agency

**Jane Wooster** Cuyama Basin Water District

## AGENDA

SEPTEMBER 7, 2022

Agenda for a meeting of the Cuyama Basin Groundwater Sustainability Agency Board of Directors to be held on Wednesday, September 7, 2022, at 2:00 PM at the **Cuyama Recreation District, 4885 Primero St, New Cuyama, CA 93254**. Participate via computer at: [https://teams.microsoft.com/l/meetup-join/19%3ameeting\\_MDM1MjU2NTQzMzdhNS00MzRmLThkNzItYTYyMmYxOGFhYTBlk%40thread.v2/0?context=%7b%22Tid%22%3a%22927a62fc-3166-4d96-9474-79643aa0aa1a%22%2c%22Oid%22%3a%229a3646f9-f02e-4528-8215-8c89fb0cb847%22%7d](https://teams.microsoft.com/l/meetup-join/19%3ameeting_MDM1MjU2NTQzMzdhNS00MzRmLThkNzItYTYyMmYxOGFhYTBlk%40thread.v2/0?context=%7b%22Tid%22%3a%22927a62fc-3166-4d96-9474-79643aa0aa1a%22%2c%22Oid%22%3a%229a3646f9-f02e-4528-8215-8c89fb0cb847%22%7d), or by going to Microsoft Teams, downloading the free application, then entering Meeting ID: 299 086 546 245 Passcode: dXUcL2, or enter or telephonically at (469) 480-3918 Phone Conference ID: 618 240 46#.

### Teleconference Locations:

4885 Primero St,  
New Cuyama, CA 93254

5241 8th Street,  
Carpinteria, 93013

414 W Tehachapi Blvd, Unit H,  
Tehachapi, CA 93561

1055 Monterey Street,  
San Luis Obispo, CA 93408

The order in which agenda items are discussed may be changed to accommodate scheduling or other needs of the Board or Committee, the public, or meeting participants. Members of the public are encouraged to arrive at the commencement of the meeting to ensure that they are present for discussion of all items in which they are interested.

*In compliance with the Americans with Disabilities Act, if you need disability-related modifications or accommodations, including auxiliary aids or services, to participate in this meeting, please contact Taylor Blakslee at (661) 477-3385 by 4:00 p.m. on the Friday prior to this meeting. The Cuyama Basin Groundwater Sustainability Agency reserves the right to limit each speaker to three (3) minutes per subject or topic.*

1. Call to Order
2. Roll Call
3. Pledge of Allegiance
4. Standing Advisory Committee Meeting Report

### CONSENT AGENDA

5. Approval of Minutes – July 6, 2022
6. Approval of Payment of Bills for June and July 2022
7. Approval of Financial Report for June and July 2022
8. Approval of Annual USGS Stream Gauge Operation and Maintenance Agreement

**ACTION ITEMS**

9. Direction on GSA Well Permit Policy
10. Direction on Administration of Pumping Reductions in the Central Management Area
11. Direction on Basin-Wide Water Management Policies

**REPORT ITEMS**

12. Administrative Updates
  - a) Report of the Executive Director
  - b) Report of the General Counsel
  - c) Update on Public Workshop
13. Technical Updates
  - a) Update on Groundwater Sustainability Plan Activities
  - b) Update on Adaptive Management Analysis
  - c) Report on Variance Requests for the Central Management Area Allocations
  - d) Update on Effort to Identify Potential Non-Reporting Pumpers
  - e) Update on Implementation of Grant-Funded Projects
  - f) Schedule for Fiscal Year 2023-2024 Model Update
  - g) Update on Monitoring Network Implementation
  - h) Update on Quarterly Groundwater Conditions Report for July 2022
  - i) Update on Annual Water Quality Report

**CLOSED SESSION**

14. Conference with Legal Counsel – Anticipated Litigation  
Significant exposure to litigation pursuant to Government Code section 54956.9, subdivision (d)(2)
  - a) Number of Potential Cases: One
15. Conference with Legal Counsel – Anticipated Litigation  
Significant exposure to litigation pursuant to Government Code section 54956.9, subdivision (d)(4)
  - a) Number of Potential Cases: One

**REGULAR SESSION**

16. Report of the Ad Hoc Committee
17. Directors' Forum
18. Public comment for Items Not on the Agenda
19. Correspondence
20. Adjourn

# Cuyama Basin Groundwater Sustainability Agency Board of Directors Meeting

July 6, 2022

## Draft Meeting Minutes

### PRESENT:

Yurosek, Derek – Chair  
Chounet, Paul – Vice Chair  
Bantilan, Cory – Secretary  
Vickery, Matt – Treasurer  
Albano, Byron  
Compton, Lynn  
Scrivner, Zack  
Anselm, Arne  
Stoller, Lorena  
Williams, Das  
Wooster, Jane  
Beck, Jim – Executive Director  
Hughes, Joe – Legal Counsel

### ABSENT:

#### 1. Call to Order

Cuyama Basin Groundwater Sustainability Agency (CBGSA) Chair Derek Yurosek called the meeting to order at 2:00 p.m.

CBGSA Executive Director Jim Beck reminded meeting attendees to use the Microsoft Teams chat feature for indicating to staff that they have a question only and not to comment in the chat.

#### 2. Introduction of New Director

Chair Yurosek welcomed new Director Arne Anselm.

#### 3. Roll Call

Mr. Blakslee called roll (shown above) and informed Chair Yurosek that there was a quorum of the Board.

#### 4. Pledge of Allegiance

The pledge of allegiance was led by Chair Yurosek.

#### 5. Report of General Counsel

Legal Counsel Joe Hughes addressed conflict of interest within the Board from those who filed the adjudication. Legal Counsel Hughes went on to explain that the policy that is implemented affects every groundwater consumer across the basin, not just those on the Board.

## 6. Standing Advisory Committee (SAC) Meeting Report

SAC Chair Brenton Kelly provided a report on the June 28, 2022, SAC meeting and is included below:

### **Standing Advisory Committee Report**

**Meeting Date: June 30th, 2022**

*Submitted to the CBGSA Board on July 6th, 2022*

*By Brad DeBranch, SAC Vice-Chair*

*The Standing Advisory Committee met on June 30th, both in person and by teleconference. Quorum was established by five committee members (four present in-person and one present via teleconference). GSA staff including Taylor Blakslee, Joshua Montoya, and Alex Dominguez were present in-person with additional staff online including Jim Beck and Brian Van Lienden. Public participation consisted of approximately 15-20 members throughout the 5-hour meeting. The SAC received and accepted a letter dated June 22nd from Committee member Roberta Jaffe who was unable to attend the meeting. The SAC's feedback and recommendations are summarized below per each item of discussion.*

#### **Item 6.a. Review of Amended Groundwater Sustainability Plan (GSP)**

*Staff provided the next steps for moving the amended GSP forward and resubmitting to DWR later this month. One committee member expressed concerns over the GSP's failure to manage and balance the basin as a whole. That point was supported by another committee member but was also met by opposition from SAC members who questioned the hydrogeologic connectivity between certain regions of the basin.*

#### **Item 6.b. Update on Model Refinement**

*Woodard & Curran (W&C) provided an update on the latest modeling effort including the updated CBWRM 0.20 model which now includes additional data from 2017 to 2021, updated crop ET factors, updated model calibration parameters and updated historical and projected water budget estimates. Although this item was informational only, several comments were made related to the model elements including transmissivity and conductivity. In light of the recently conducted pump (aquifer) test performed this spring in the Ventucopa area, W&C modeling staff provided insight that the conductivity observed as a result of the study was much higher than originally modeled. A brief discussion ensued on the model's remaining imbalance of 1,400AF outside the central management area. Public comment was received on concerns of the growing operations in the northwest portion of the basin and groundwater levels being allowed to decline without being considered a management area.*

#### **Item 6.c. Direction on Central Management Area Policies**

1. **Pumping Reduction Baseline** – Staff presented the calculations for formulating the baseline pumping reductions. In addition to the Cuyama Community Service District (CCSD), SAC discussed the need to confirm and/or consider excluding other residential or community areas such as Old Cuyama and the Cuyama Elementary School from the pumping reduction.

**2. CCSD Pumping Reduction Exemption** – The SAC is supportive of staff’s recommendation of the following assessment: 1) determine the historic period for pumping in the CCSD, 2) determine the allowance for future changes in the population in the CCSD service area, and 3) confirm the irrigated parcels within the CCSD that are part of the allocation.

**3. Allocation Methodology** – Related to the 2023 and 2024 Central Management Area allocation, the SAC discussed the landowner variance policy process for landowners to identify inaccuracies in Appendix “B”. As of this meeting the landowner allocation list had not yet been distributed to the Committee. One member of the SAC provided staff with feedback on potentially holding two separate variance processes for each year to allow for change in operations and plans, and to also consider removing the processing fee to encourage more landowner participation. Through further SAC dialogue and public comment, staff confirmed that changes to Central Management Area allocation, including individual landowner changes, will impact all other landowner allocations and that it is possible for a landowner to end up with zero water allocation based on the historic pumping analysis. The SAC approved a motion by 5-0 vote to support staff’s proposed variance policy and procedures as presented.

**4. Changed Water Use Inside the Central Management Area** – Recommendation provided pursuant to Allocation Methodology/Variance Policy discussion in previous topic.

**5. Central Management Area Boundary (Hydro vs. Operational)** – Staff presented the four (4) operational management area boundary maps and provided insight on the methodology and criteria of each one. Initial SAC feedback on the maps included concerns on numerous well locations that likely do not represent current field conditions. A motion was made recommending Option #2 but didn’t gain a second. The SAC did not reach a consensus on a particular operational boundary however, comments made by the SAC generally supported the desire to produce a boundary that represents of the Central Management Area contour boundary as close as possible. A hybrid approach was briefly discussed in order to achieve such a boundary. Staff informed the Committee that regardless of the boundary chosen, the sustainable yield will remain the same and proportionately attributed to the lands within the Central Management Area.

**6. Management Area Criteria Evaluation** – No comment from SAC.

**7. Management Area Update** – No comment from SAC.

**8. Administration of Pumping Reduction** – The SAC approved a motion by 5-0 vote to adopt staff’s proposed Administration of Pumping Reduction policy and procedures.

**9. Non-Compliance/Over Pumping Enforcement** – The SAC approved a motion by 5-0 vote to adopt staff’s proposed Non-compliance/Over Pumping Enforcement policy and procedures.

**Item 6.d. Direction on GSA Well Permit Policy**

*In response to the Governor’s Executive Order as well as the GSA Board’s direction on May 4th, staff presented the proposed well requirements and criteria for new and modified wells within the entire basin. Related to modifications to existing wells there was much discussion on staff’s proposal conditioning the well to be no larger or deeper than the existing well, and no greater than 100 feet away from the existing well. The committee was generally divided on the criteria for modifications to an existing well; however, three (3) committee members did speak in favor of allowing increased well depths. Discussion ensued about the distance away from the existing well and whether or not that defines a replacement well or a new well; no consensus was reached. For construction of new wells, there was some support by SAC on staff’s recommended parameters, but others felt the parameters may be too restrictive and broad to make an assessment for well permitting purposes.*

*Respectfully Submitted,  
Brad DeBranch  
SAC Vice-Chair*

**CONSENT AGENDA**

**7-10. Consent Agenda**

Chair Yurosek asked if any Directors wanted to move any of the consent items out to discuss in more detail. No request was made and Chair Yurosek asked if there was a motion for consent agenda item nos. 7-10.

**MOTION**

Director Chounet made a motion to approve the consent agenda items 7-10. The motion was seconded by Director Bantilan, a roll call vote was made and passed with 88%.

- AYES: Yurosek, Chounet, Bantilan, Vickery, Albano, Scrivner, Anselm, Stoller, Williams, Wooster
- NOES: None
- ABSTAIN: None
- ABSENT: Compton

**ACTION ITEMS**

**11. Penalty Hearing Regarding Compliance with Meter Installation Requirement**

Executive Director Beck provided an overview of the penalty hearing regarding compliance with the meter installation requirement.

Cindy Holloway stated this property is her mother’s and she is taking it over. Ms. Holloway stated there were family issues and the property was given with minimal direction and little documentation. However, she noted a meter was installed by the March 31<sup>st</sup> deadline.

Director Wooster asked if Ms. Holloway pumped any water in 2021. Ms. Holloway replied there was very minimal pumping.

Director Chounet said he believes this is a documentation issue and not a non-compliance issue.

**MOTION**

Director Bantilan made a motion to waive the penalty fee, provided documentation is provided indicating a meter was installed prior to March 31, 2022. The motion was seconded by Vice Chair Chounet, a roll call vote was made and passed with 100%.

AYES:	Yurosek, Chounet, Bantilan, Vickery, Albano, Compton, Scrivner, Anselm, Stoller, Williams, Wooster
NOES:	None
ABSTAIN:	None
ABSENT:	None

**12. Review of Amended Groundwater Sustainability Plan**

Executive Director Beck reported that the amended Groundwater Sustainability Plan (GSP) was reviewed at the last Board meeting. Mr. Blakslee provided an overview of the GSP resubmittal process and noted this will be considered for Board approval during the upcoming public hearing.

**13. Update on Model Refinement**

Mr. Van Lienden provided an update on the model refinement tasks that were developed for the GSP and reviewed the four technical meetings that were held. He provided an overview of the model calibration statistics and the observed groundwater levels versus simulated groundwater levels.

Director Vickery asked Mr. Van Lienden how the sustainable yield allocation of 9,400 acre feet (AF) per year was estimated. Mr. Van Lienden replied that it was estimated by using the Board direction to only reduce pumping in the Central Management Area (CMA).

Director Bantilan asked if there are areas where water level change has increased. Woodard & Curran modeler Sercan Ceyhan replied most locations showed a negative decline.

Director Wooster said the northeastern part of the map reporting the change in groundwater levels is mostly using surface water and should not be reported in a map indicating change in groundwater. Mr. Van Lienden replied this area is the least confident in the model since there is minimal data.

Director Vickery asked if pumping was reduced in Ventucopa, would it increase the rate of recharge in the Central Management Area. Mr. Ceyhan replied it is difficult to give a definitive answer due to lack of data. Director Vickery emphasized the importance of addressing this data gap for the Board to be able to make more informed decisions.

Director Albano described the difficulty for a landowner who has a sustainable yield a few thousand feet above the CMA to be forced to reduce pumping due to sustainability issues in the

CMA. Director Vickery disagreed and added data gaps need to be addressed to show the connection of water upstream and downstream to be able to make a more informed decision. Director Wooster agreed with Director Vickery about needing to address the data gap.

#### **14. Direction on Central Management Area Policies**

Executive Director Beck provided background on the development of policies in the CMA and Mr. Blakslee provided background on the direction received by the Board for CMA policies and reviewed a new policy point regarding pumping reduction exemption for the Cuyama Community Services District (CCSD) per the GSP.

##### **1. Pumping Reduction Baseline/Starting Point**

Mr. Blakslee stated the first question for the policy issue is to identify the baseline or starting point for pumping reduction. He reviewed how the maximum annual pumping in the CMA was calculated.

Director Bantilan asked if the allocation of 9,400 acre-feet per year (AFY) could be recalculated. Mr. Van Lienden replied that it could be recalculated if instructed by the Board.

Director Vickery asked for clarification on the 9,400 AFY number. Mr. Van Lienden replied that the model bases inflow and outflow of the CMA boundary. Director Vickery asked if the 9,400 AFY would be revisited during the 2025 GSP update and Mr. Beck confirmed it would.

Chair Yurosek cautioned the Board on setting additional reductions that impact the CMA because the model is fluid.

##### **2. CCSD Pumping Reduction Exemption**

Mr. Blakslee provided an overview of the CCSD pumping reduction exemption and Executive Director Beck added there could be an addition to the 172 AF historic pumping by the CCSD of roughly 20 AF to account for other residential use as estimated by the model.

#### **MOTION**

Vice Chair Chounet made a motion to use 2021 modeled pumping in the Central Management Area operational boundary as the baseline with a reduction of 192 acre-feet to account for the CCSD's historic pumping from 1998-2021 and other residential use in the CMA boundary to be confirmed by staff. The motion was seconded by Director Bantilan, a roll call vote was made and passed with 100%.

AYES:	Yurosek, Chounet, Bantilan, Vickery, Albano, Compton, Scrivner, Anselm, Stoller, Williams, Wooster
NOES:	None
ABSTAIN:	None
ABSENT:	None



3. Allocation Methodology

Mr. Blakslee provided an overview of the draft allocation methodology for historic water use for 2023 and 2024. He provided an overview of the methodologies used for the water use estimate. Mr. Blakslee reviewed the draft variance process and the draft variance request form for landowners to use.

Director Wooster agreed with the variance process. She expressed the need to make this known to all landowners. Mr. Beck replied that a short narrative can be put together to clarify for landowners since the raw data may be difficult to follow. Director Wooster expressed the concern for landowners to pay \$250 for the variance process when the model was inaccurate. Mr. Beck replied this is a proposed draft and the Board can choose to remove the application fee.

Director Albano suggested every allocation is reviewed by an ad hoc committee and presented to the Board.

Director Vickery clarified this policy is only for 2023 and 2024 then it will be revisited for 2025. Director Albano expressed his concern for incorrect allocations during 2023 and 2024 and the fact there is no process to challenge those who have been given a higher allocation.

Chair Yurosek emphasized the importance of the Board making a decision today.

Stakeholder Jim Wegis said he has a well in the basin that serves land in and outside of the basin. Executive Director Beck replied the model was determined based on parcels not on individual wells. Executive Director Beck stated the Board has not yet addressed the issue of a well outside the CMA pumping into the CMA.

**MOTION**

Director Anselm made a motion approve staff recommendation with direction for staff to look into preparing a narrative that explains the process of how allocations are developed. The motion was seconded by Director Bantilan, a roll call vote was made and passed with 93%.

- AYES: Yurosek, Chounet, Bantilan, Vickery, Compton, Scrivner, Anselm, Stoller, Williams, Wooster
- NOES: Albano
- ABSTAIN: None
- ABSENT: None

4. Changed Water Use Inside the Central Management Area

Executive Director Beck informed the Board that potential changed water use in the CMA would be considered in the context of the Variance Policy.

Director Anselm noted that a variance is appropriate.

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*Chair Yurosek adjourned for recess at 4:53 p.m. and reconvened for public hearing.*  
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5. Central Management Area Boundary (Hydrologic vs Operational)

Executive Director Beck provided an overview of the four (4) different options for determining the boundary for the CMA which is provided in the Board packet.

Director Wooster stated option four should be excluded due to some parcels being composed of hundreds of acres and Director Anselm agreed.

Director Bantilan said he would be in favor of option three, but if it was based on irrigated land inside the boundary.

Director Vickery said option three makes the most sense.

Director Albano stated option four would be the best option.

Vice Chair Chounet said in all the models the CCSD is partly in and partly out.

Director Bantilan asked if fallowed lands would be included in the CMA would there be an increase allocation across the CMA. Executive Director Beck replied it would be a very minimal increase.

Director Stoller said option three would be the best.

Director Anselm made a motion to select option 3 where 50% or more of the parcel is in the hydrologic boundary or if 500 acres or more of a parcel are in the boundary then the whole parcel is in the hydrologic boundary. The motion was not seconded.

Director Albano said if a well is in the management area, then a landowner should be able to pump outside the boundary. He explained it would be beneficial to expand the overall boundary.

Director Wooster made a motion to adopt option three. The motion was seconded by Director Vickery. The motion did not pass.

Director Bantilan made a motion to adopt option 3 where 50% or more of the parcel is in the hydrologic boundary or if more than 50 irrigated acres of a parcel are in the boundary then the whole parcel is in the hydrologic boundary. The motion was not seconded.

**MOTION**

Director Anselm made a motion to select option 3 where 50% or more of the parcel is in the hydrologic boundary or if 1,000 acres or more of a parcel are in the hydrologic boundary then the whole parcel is in the boundary. The motion was seconded by Director Wooster, a roll call vote was made and passed with 77%.

AYES: Yurosek, Chounet, Vickery, Albano, Compton, Scrivner, Anselm, Stoller, Wooster  
 NOES: Elliot, Bantilan  
 ABSTAIN: None  
 ABSENT: None

Executive Director Beck asked the Board for direction on changing the baseline pumping based on the updated boundary or using the numbers based on the existing hydrologic boundary.

Director Vickery asked what will need to be done to make the change. Mr. Van Lienden replied it could be done within a day and its cost are covered by the grant.

**MOTION**

Director Bantilan made a motion to recalculate the baseline and sustainability numbers based on the operational boundary. The motion was seconded by Director Anselm, a roll call vote was made and passed with 88%.

AYES: Yurosek, Chounet, Bantilan, Vickery, Albano, Compton, Scrivner, Anselm, Stoller, Wooster  
 NOES: Elliot  
 ABSTAIN: None  
 ABSENT: None

6. Management Area Criteria Evaluation

Executive Director Beck provided an update that an Ad Hoc Committee will be formed to develop potential options for management area criteria.

7. Management Area Update

Executive Director Beck informed the Board that the management area designations will be considered when the model is updated.

8. Administration of Pumping Reduction

Mr. Blakslee provided an overview of the process for administration of pumping reduction which is provided in the Board packet.

Director Albano directed staff to be cognizant that there may be wells that serve multiple parcels. Director Vickery agreed with Director Albano and stated wells do not irrigate according to APN's.

Chair Yurosek said one well could serve multiple parcels and suggested meeting with the water district to discuss this issue.

Chair Yurosek directed staff to refine the process for review on September 7, 2022 and the Board agreed with this direction.

9. Non-Compliance/Over-Pumping Enforcement

Legal Counsel Hughes provided an overview of potential non-compliance/over pumping enforcement which is provided in the Board packet.

Director Anselm asked how the fees would be utilized. Legal Counsel Hughes replied that SGMA states these fees can be used for SGMA-related activities.

Director Albano stated the fees are too high and explained what other basins are doing. He noted for 2023 the fee should be reduced to \$150 AF. Director Bantilan added this would be a perfect instance for landowners to use the variance report to request changes to the fee. Director Chounet agreed with Director Albano regarding the fees being too high.

Director Vickery agreed with the fees as presented and said the fees could be used to help the CMA work toward compliance.

Chair Yurosek expressed the difficulty in establishing a fee when there is a lack of data and said there are legal implications.

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*Director Das Williams rejoined the meeting at 6:22 p.m.*

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**MOTION**

Director Bantilan made a motion to use staff recommendation with the addition that any over-pumping fees collected are to be used for projects in the CMA. The motion was seconded by Director Vickery, a roll call vote was made and passed with 82%.

AYES:	Yurosek, Bantilan, Vickery, Compton, Scrivner, Anselm, Stoller, Williams, Wooster
NOES:	Albano, Chounet
ABSTAIN:	None
ABSENT:	None

**15. Direction on GSA Well Permit Policy**

Mr. Blakeslee provided an overview of the proposed well permit process including discussion for new and modified well requirements. Executive Director Beck reviewed the proposed well permit GSA study requirement for modifications to existing wells and construction of new wells.

Director Wooster asked what defines a “de minimis” user. Legal Counsel Alex Dominguez

provided an overview of the definition of “de minimis” according to SGMA and the Governor’s Executive Order.

Director Wooster expressed concern for instances where there are earthquakes that cause the well to break and the difficulty to replace those wells with this permit policy.

Director Bantilan said the most important thing is not the number of pumps, but the amount of water that is being pumped. He continued to note the policy is too restrictive. Director Vickery agreed with Director Bantilan. Director Albano agreed the policy is too restrictive.

Director Chounet stated if there is a replacement well then it should be required for landowners to seal their old well.

Chair Yurosek asked for an update on the Assembly Bill 2201. Mr. Dominguez provided an update on the bills progress through the assembly and stated it has not been completely passed and he will continue to monitor the bill. Chair Yurosek asked if how many wells are currently pending approval. Mr. Blakslee replied there are no known wells pending approval.

Matt Young provided an update on Santa Barbara County’s progress in the development of the well permit policy. He noted de minimis users do not need to go through the review process and continued to explain there is an acknowledgement form a landowner must fill out.

Stakeholder Guy Lingo said although he is not in the CMA, the policy affects the basin. He said replacement wells should not be limited by depth.

Stakeholder Jim Wegis said this process is difficult to understand and it should be made simple.

The Board discussed the policy of replacing an existing well and concluded it must demonstrate a replacement well is of the same capacity and same intended use. Staff is to provide a recommendation at the Board meeting on September 7, 2022. The Board also discussed that the construction of a new well will require a hydrologic study that demonstrates the extractions will not cause groundwater levels to fall below minimum thresholds at nearby representative monitoring wells, all permit applications must demonstrate they do not impact water quality standards set in the GSP, and well permit acknowledges an allocation is being established and pumping will be limited in the CMA for 2023 and 2024. The applicant will prepare those reports to be reviewed with an Ad Hoc Committee and be brought to the Board for a final decision.

#### **16. Direction on Effort to Identify Potential Non-Reporting Pumpers**

Mr. Blakeslee provided an overview of the process that was reviewed with the Ad Hoc Committee and the analysis staff is performing.

Director Wooster stated there is an app called “Onex” that will provide all the information from a parcel.

**17. Consider for Approval Resolution No. 2022-071 Authorizing the Submission of FY 21-22 and FY 22-23 Delinquent Groundwater Extraction Fees to County Tax Collectors for Collection**

Mr. Dominguez reviewed the process for resolution No. 2022-071 Authorizing the Submission of FY 21-22 and FY 22-23 Delinquent Groundwater Extraction Fees to County Tax Collectors for Collection.

**MOTION**

Vice Chair Chounet made a motion to approve Resolution No. 2022-071 Authorizing the Submission of FY 21-22 and FY 22-23 Delinquent Groundwater Extraction Fees to County Tax Collectors for Collection. The motion was seconded by Director Bantilan, a roll call vote was made and passed with 82%.

AYES: Yurosek, Chounet, Bantilan, Vickery, Albano, Scrivner, Anselm, Stoller, Williams  
 NOES: None  
 ABSTAIN: None  
 ABSENT: Compton, Wooster

**18. Approve Change Order for the Hallmark Group**

Mr. Blakslee reviewed the change order for the Hallmark Group and explained the out-of-scope activities and the higher than expected level of effort.

**MOTION**

Director Bantilan made a motion to approve change order for the Hallmark Group. The motion was seconded by Director Anselm, a roll call vote was made and passed with 88%.

AYES: Yurosek, Chounet, Bantilan, Vickery, Albano, Scrivner, Anselm, Stoller, Williams, Wooster  
 NOES: None  
 ABSTAIN: None  
 ABSENT: Compton

**19. Direction on Upcoming DWR SGMA Round 2 Grant Funding Opportunity**

Mr. Blakslee reviewed the grant funding opportunity and let the Board know it will cost approximately \$40,000 to apply for this grant and it is a competitive grant.

The Board directed staff to track if there are projects that meet the criteria for the grant and determine the level of competition for the grant.

**20. Direction on Public Workshop Format**

Executive Director Beck reviewed the proposed community workshop and SAC feedback.

Chair Yurosek stated a key topic should be the CMA and anything else that has been implemented for 2023.

Director Wooster said September on a weekday would be best due to everyone finishing their

vacations and school being back in session.

The Board made a consensus to hold the workshop in August to give landowners an opportunity to ask questions before the submittal of the Variance Forms due September 1, 2022.

## REPORT ITEMS

### 21. Administrative Updates

#### a. Report of the Executive Director

Nothing to report.

### 22. Technical Updates

#### a. Update on Groundwater Sustainability Plan Activities

Mr. Van Lienden provided an update on the accomplishments done from May and June.

#### b. Update on Adaptive Management Analysis

Mr. Van Lienden reviewed the adaptive management analysis approach which is provided in the Board packet.

#### c. Administration of Grant-Funded Projects

This item was deferred.

#### d. Update on Monitoring Network Implementation

This item was deferred.

### 23. Report of the Ad Hoc Committee

Nothing to report.

### 24. Directors' Forum

No comments

### 25. Public Comment for Items Not on the Agenda

Stakeholder Dave Lewis said the CMA maps were just made available in the Board packet and there are a lot of parcels in the map. He expressed the map holds a lot of weight for the small farmers like himself. Mr. Lewis asked the Board to have consideration for small farmers.

### 26. Correspondence

Nothing to report.

### PUBLIC HEARING

#### 27. Public Hearing – Proposed Amended Groundwater Sustainability Plan

Chair Yurosek began the public hearing at 5:00 p.m.

Mr. Blakslee read a letter from SAC member Robbie Jaffe which is included in the Board packet.

Bolthouse representative Dan Clifford said the GSP does not have the authority to determine water rights.

No additional public comments were made.

#### 28. Consider for Approval Resolution No. 2022-072 Adopting an Amended Groundwater Sustainability Plan

Executive Director Beck reported the technical memorandum addressed the four corrective actions and amended its GSP accordingly.

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*Director Das Williams left the meeting and Alternate Darcel Elliot took her place at 5:04 p.m.*  
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#### MOTION

Vice Chair Chounet made a motion to adopt Resolution No. 2022-072 Adopting an Amended Groundwater Sustainability Plan. The motion was seconded by Director Anselm, a roll call vote was made and passed with 88%.

- AYES: Yurosek, Chounet, Bantilan, Vickery, Albano, Compton, Scrivner, Anselm, Stoller, Elliot, Wooster
- NOES: None
- ABSTAIN: None
- ABSENT: None

#### 29. Adjourn

Chair Yurosek adjourned the meeting at 7:49 p.m.

BOARD OF DIRECTORS OF THE  
CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY

Chair: \_\_\_\_\_



ATTEST:

Secretary: \_\_\_\_\_

DRAFT

**2022**

**Board Ad hoc List**

CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY

<b>Adaptive Management</b>	Bantilan Anselm Vickery Yurosek
<b>Aquifer Test</b>	Bantilan Anselm Vickery Wooster
<b>DWR / CBGSA Coordination</b>	Bantilan Chounet Anselm Wooster Yurosek
<b>Fiscal Year 2022-2023 Budget</b>	Bantilan Chounet Vickery Williams Wooster
<b>Grant Review Committee</b>	Bantilan Compton Williams Wooster Yurosek
<b>Management Area Policy</b>	Bantilan Chounet Anselm Vickery Wooster
<b>Meter Implementation</b>	Anselm Vickery Wooster Yurosek
<b>Model Refinement</b>	Bantilan Anselm Vickery Yurosek
<b>New Well Permits Policy</b>	Compton Anselm Stoller Williams Yurosek
<b>Unknown Extractors</b>	Anselm Vickery
<b>Grant-Funded Items</b>	Albano Vickery Chounet Williams

<b>Basin-Wide Water Management</b>	Bantilan Chounet Anselm Yurosek
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TO: Board of Directors  
Agenda Item No. 6

FROM: Taylor Blakslee, Hallmark Group

DATE: September 7, 2022

SUBJECT: Approval of Payment of Bills for June and July 2022

**Recommended Motion**

Approve payment of the bills for June and July 2022 in the amount of \$218,500.48

**Discussion**

Consultant invoices for the months of June and July 2022 are provided as Attachment 1 and summarized below.

<b>Expense</b>	<b>June 2022</b>	<b>July 2022</b>	<b>Totals</b>
<b>W&amp;C – Technical</b>	\$73,532.75	\$77,499.05	\$151,031.80
<b>Hallmark – Administration</b>	\$24,517.53	\$22,051.05	\$46,568.58
<b>Klein – Legal</b>	\$4,163.00	\$14,596.40	\$18,759.40
<b>CMA Mailed Notices</b>		\$1,205.90	\$1,205.90
<b>P&amp;P – Quarterly Groundwater level measurements</b>	\$934.80	\$0.00	\$934.80
<b>TOTAL</b>			<b>\$218,500.48</b>



INVOICE

**To: Cuyama Basin GSA**  
 Attn: Jim Beck  
 4900 California Avenue, Ste B  
 Bakersfield, CA 93309

**Please Remit To: Hallmark Group**  
 500 Capitol Mall, Ste 2350  
 Sacramento, CA 95814  
 P: (916) 923-1500

**Invoice No.:** 2022-CBGSA-05  
**Task Order No.:** CB-HG-007  
**Agreement No.:** 201709-CB-001  
**Date:** May 31, 2022

For professional services rendered for the month of May 2022:

Task Order	Sub Task	Task Description	Billing Classification	Hours	Rate	Amount	
CB-HG-007	1	Board of Directors and Advisory Committee Meetings	Executive Director - J. Beck	15.75	\$ 350.00	\$ 5,512.50	
			Project Coordinator - T. Blakslee	24.75	\$ 175.00	\$ 4,331.25	
			Project Coordinator - J. Montoya	7.50	\$ 125.00	\$ 937.50	
				<b>Total Sub Task 1 Labor</b>		<b>\$ 10,781.25</b>	
CB-HG-007	2	Consultant Management and GSP Implementation	Executive Director - J. Beck	1.50	\$ 350.00	\$ 525.00	
			Project Coordinator - T. Blakslee	11.75	\$ 175.00	\$ 2,056.25	
			Project Coordinator - J. Montoya	2.75	\$ 125.00	\$ 343.75	
				<b>Total Sub Task 2 Labor</b>		<b>\$ 2,925.00</b>	
CB-HG-007	3	Financial Information Coordination	Executive Director - J. Beck	0.00	\$ 350.00	\$ -	
			Project Controls - J. Harris	5.75	\$ 200.00	\$ 1,150.00	
			Project Coordinator - T. Blakslee	1.75	\$ 175.00	\$ 306.25	
				<b>Total Sub Task 3 Labor</b>		<b>\$ 1,456.25</b>	
CB-HG-007	4	CBGSA Outreach	Project Coordinator - T. Blakslee	6.50	\$ 175.00	\$ 1,137.50	
				<b>Total Sub Task 4 Labor</b>		<b>\$ 1,137.50</b>	
CB-HG-007	5	Groundwater Extraction Fee - Funding	Executive Director - J. Beck	0.00	\$ 350.00	\$ -	
			Project Controls - J. Harris	3.00	\$ 200.00	\$ 600.00	
			Project Coordinator - T. Blakslee	6.75	\$ 175.00	\$ 1,181.25	
			Project Coordinator - J. Montoya	0.75	\$ 125.00	\$ 93.75	
				<b>Total Sub Task 5 Labor</b>		<b>\$ 1,875.00</b>	
CB-HG-007	6	Support for CBGSA Response to DWR and Public Comments	Executive Director - J. Beck	0.00	\$ 350.00	\$ -	
			Project Coordinator - T. Blakslee	2.75	\$ 175.00	\$ 481.25	
				<b>Total Sub Task 6 Labor</b>		<b>\$ 481.25</b>	
CB-HG-007	7	Management Area Policy	Executive Director - J. Beck	0.00	\$ 350.00	\$ -	
			Project Coordinator - T. Blakslee	0.00	\$ 175.00	\$ -	
			Project Coordinator - J. Montoya	0.50	\$ 125.00	\$ 62.50	
				<b>Total Sub Task 7 Labor</b>		<b>\$ 62.50</b>	
CB-HG-007	8	Adjudication Support	Executive Director - J. Beck	0.00	\$ 350.00	\$ -	
			Project Coordinator - T. Blakslee	2.25	\$ 175.00	\$ 393.75	
				<b>Total Sub Task 8 Labor</b>		<b>\$ 393.75</b>	
						<b>Total Labor</b>	<b>\$ 19,112.50</b>
GoToMeeting Conference Calls				Minutes:	419	\$ 0.08	\$ 33.52
						<b>SubTotal Travel and Other Direct Costs</b>	<b>\$ 33.52</b>
ODC Mark Up - Other					5%		\$ 1.68
						<b>Total Travel and Other Direct Costs</b>	<b>\$ 35.20</b>
						<b>TOTAL AMOUNT DUE THIS INVOICE</b>	<b>\$ 19,147.70</b>

MAXIMUM CONTRACT VALUE AND PROGRESS BILLING

Task Order	Original Totals	Amendment(s)	Total Committed	Previously Billed	Current Billing	Remaining Balance
CB-HG-007	\$ 207,440.00	\$ 28,000.00	\$ 235,440.00	\$ 201,643.75	\$ 19,112.50	\$ 14,683.75
Provost & Pritchard	\$ 131,600.00	\$ -	\$ 131,600.00	\$ 45,338.45	\$ -	\$ 86,261.55
Travel and ODC	\$ 2,985.00	\$ 768.00	\$ 3,753.00	\$ 3,719.66	\$ 35.20	\$ (1.86)
<b>Total</b>	<b>\$ 342,025.00</b>	<b>\$ 28,768.00</b>	<b>\$ 370,793.00</b>	<b>\$ 250,701.86</b>	<b>\$ 19,147.70</b>	<b>\$ 100,943.44</b>

# CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY

## PROGRESS REPORT FOR TASK ORDER CB-HG-007

<b>Client Name:</b>	Cuyama Basin Groundwater Sustainability Agency	<b>Agreement Number:</b>	201709-CB-001
<b>Company Name:</b>	HGCPM, Inc. DBA The Hallmark Group	<b>Address:</b>	500 Capitol Mall, Suite 2350 Sacramento, CA 95814
<b>Task Order Number:</b>	CB-HG-007	<b>Report Period:</b>	May 1-31, 2022
<b>Progress Report Number:</b>	39	<b>Project Manager:</b>	Jim Beck
<b>Invoice Number:</b>	2022-CBGSA-05	<b>Invoice Date:</b>	May 31, 2022

## SUMMARY OF WORK PERFORMED

### Task 1: Board of Directors and Advisory Committee Meetings

- Prepared SAC meeting minutes for April 28, 2022 and Board meeting minutes for May 4, 2022.
- Correspondence with CBGSA Chair and legal counsel on May 4, 2022, Board packet development.
- Finalized May 4, 2022, public rate hearing script and reviewed with legal.
- Correspondence with legal counsel regarding Brown Act compliance.
- Prepared for and attended Cuyama Basin Board meeting on May 4, 2022.
- Summarized and distributed May 4, 2022, Board actions to Directors and Advisory Members.
- Correspondence with Ventura County staff regarding ad hoc meetings.
- Finalized and submitted Government compensation report.
- Correspondence with Chair Yurosek and legal counsel regarding preparation for Cuyama Basin SAC and Board meetings on June 30, 2022 and July 6, 2022, respectively.

### Task 2: Consultant Management and GSP Implementation

- Correspondence with Brian Van Lienden regarding action items from Technical Forum meeting.
- Correspondence with Legal regarding Water Board intervention process.
- Correspondence with Directors on Board meeting on May 4, 2022.
- Responded to landowners regarding meter installation.
- Correspondence with Woodward and Curran regarding spring groundwater level upload status.
- Coordinated with Woodard & Curran on Cuyama tasks.
- Correspondence with Tech forum regarding schedule for model update meeting.
- Drafted Cuyama workplan and reviewed with staff.
- Process water use forms and meter forms.
- Correspondence with landowners on 2021 water use.

### Task 3: Financial Information Coordination

- Billing, accounting, and administration.
- Correspondence with Chase Bank regarding troubleshoot Chase check scanner.
- Processed landowner groundwater extraction fee usage and prepared for invoicing.
- Correspondence with P&P regarding revision of invoice.
- Drafted Cuyama 14-day grant acceptance letter.

#### **Task 4: Cuyama Basin GSA Outreach**

- Correspondence with Cuyama stakeholder regarding adjudication workshop.
- Correspondence with landowner legal representative regarding Cuyama information.
- Provided GSP and meeting minutes to Kathleen March.
- Processed Kathleen March requests.
- Correspondence with Director on Annual Report status.
- Correspondence with Legal regarding request for extractor information.
- Correspondence with Kathleen March regarding hydrograph report.

#### **Task 5: Groundwater Extraction Fee Funding Process and Administration**

- Developed FY 2022-2023 groundwater extraction invoices.
- Developed letter and mailed 2022-2023 water use form to various extractors.
- Contacted extractor regarding 2021 water use.
- Correspondence with Legal regarding late fees on tax roll process.
- Correspondence with Jennifer Lee regarding extraction fee.
- Correspondence with Director and other landowners regarding water use.
- Coordinated with stakeholder regarding water use forms.
- Correspondence with CCSD regarding 2021 water use.
- Correspondence with Cuyama Mutual Water Company regarding 2021 water use.
- Correspondence with extractors regarding invoicing contact.

#### **Task 6: Support for CBGSA Response to DWR and Public Comments**

- Prepared and sent clean draft of amended GSP to DWR.
- Responded to Director request for minutes on comments to GSP.
- Correspondence with DWR's Monica Reis regarding amended GSP.
- Prepared and attended call with DWR on amended GSP on May 11, 2022.

#### **Task 7: Management Area Policy**

- Refined policy points based on May 4, 2022, Board feedback.

#### **Task 8: Adjudication Support**

- Confirmed adjudication workshop information with Santa Barbara County and sent to stakeholders.
- Correspondence with legal counsel regarding adjudication meeting.
- Coordinated upload of adjudication documents on CBGSA website.
- Correspondence with stakeholders regarding adjudication inquiries.

### **DELIVERABLES AND COMPLETED TASKS**

- Facilitated Board meeting on May 4, 2022.

- Processed invoicing for Groundwater Extraction Fee.
- Submitted documentation to DWR for grant agreement.
- Facilitated DWR meeting on May 11, 2022.

#### PLANNED OBJECTIVES FOR NEXT REPORTING PERIOD

- Coordinate with Counties on well permit policy.
- Finalize Central Management Area policies.
- Administer Groundwater Extraction fee collections.
- Develop strategy with ad hoc for identifying unknown water users.

#### SIGNIFICANT ISSUES OR CHALLENGES (IF ANY) AND POTENTIAL RESOLUTIONS

- N/A





Remit to:  
 PO Box 55008  
 Boston, MA 02205-5008

T 800.426.4262  
 T 406.586.8364  
 F 406.522.8460

TD BANK  
**Electronic Transfer**  
 ⑆211274450 ⑆ 2427662596Ⓜ

Jim Beck  
 Executive Director  
 Cuyama Basin Groundwater Sustainability  
 Agency  
 c/o Hallmark Group  
 1901 Royal Oaks Drive, Suite 200  
 Sacramento, CA 95815

June 13, 2022  
 Project No: 0011078.01  
 Invoice No: 205159

Project 0011078.01 CUYAMA GSP

**Professional Services for the period ending May 27, 2022**

Phase 038 FY 21/22 STAKEHOLDER/BOARD ENGAGEMENT

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Project Manager 2				
Van Lienden, Brian	49.50	295.00	14,602.50	
Senior Technical Practice Leader				
Taghavi, Ali	2.00	330.00	660.00	
Totals	51.50		15,262.50	
<b>Labor Total</b>				<b>15,262.50</b>

**Reimbursable**

Vehicle Expenses				
5/5/2022 Van Lienden, Brian		Cuyama GSA Board Meeting	362.70	
Travel & Lodging				
5/4/2022 Van Lienden, Brian		Cuyama GSA Board Meeting	134.99	
5/4/2022 Van Lienden, Brian		Cuyama GSA Board Meeting	13.76	
<b>Reimbursable Total</b>		<b>1.1 times</b>	<b>511.45</b>	<b>562.60</b>
		<b>Total this Phase</b>		<b>\$15,825.10</b>

Phase 039 FY 21/22 OUTREACH

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Graphics Manager				
Fox, Adam	2.50	140.00	350.00	
Planner 2				
Meyer, Nolan	5.00	205.00	1,025.00	
Totals	7.50		1,375.00	
<b>Labor Total</b>				<b>1,375.00</b>

**Consultant**

Sub - Consultant Miscellaneous				
5/27/2022	THE CATALYST GROUP	Catalyst Inv# 664	491.25	
<b>Consultant Total</b>		<b>1.1 times</b>	<b>491.25</b>	<b>540.38</b>
		<b>Total this Phase</b>		<b>\$1,915.38</b>

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Phase           041           FY 21/22 GSP IMPLEMENTATION SUPPORT

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Planner 2				
Meyer, Nolan	8.50	205.00	1,742.50	
Senior Project Assistant				
Hughart, Desiree	1.25	140.00	175.00	
Totals	9.75		1,917.50	
<b>Labor Total</b>				<b>1,917.50</b>
		<b>Total this Phase</b>		<b>\$1,917.50</b>

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Phase           042           FY 21/22 CUYAMA BASIN MODEL REFINEMENT

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Engineer 2			
Baer, John	20.00	205.00	4,100.00
Engineer 3			
Diaz, Andres	70.50	235.00	16,567.50
Poore, Sebastien	15.75	235.00	3,701.25
Roy, Zachary	35.00	235.00	8,225.00

Project Engineer 1				
Ceyhan, Mahmut	91.50	245.00	22,417.50	
Project Manager 2				
Van Lienden, Brian	5.50	295.00	1,622.50	
Totals	238.25		56,633.75	
<b>Labor Total</b>				<b>56,633.75</b>
			<b>Total this Phase</b>	<b>\$56,633.75</b>

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Phase            043            FY 21/22 PERFORM AQUIFER TESTING

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Project Planner 1				
Eggleton, Charles	25.75	245.00	6,308.75	
Senior Technical Manager				
Sturn, Richard	9.00	315.00	2,835.00	
Totals	34.75		9,143.75	
<b>Labor Total</b>				<b>9,143.75</b>
			<b>Total this Phase</b>	<b>\$9,143.75</b>

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Phase            044            FY 21/22 PREPARATION OF GRANT APPLICATIONS

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Planner 2				
Meyer, Nolan	18.00	205.00	3,690.00	
Totals	18.00		3,690.00	
<b>Labor Total</b>				<b>3,690.00</b>
			<b>Total this Phase</b>	<b>\$3,690.00</b>
			<b>Total this Invoice</b>	<b>\$89,125.48</b>

**Outstanding Invoices**

<b>Number</b>	<b>Date</b>	<b>Balance</b>
204670	5/31/2022	97,512.36
<b>Total</b>		<b>97,512.36</b>

	<b>Current Fee</b>	<b>Previous Fee</b>	<b>Total</b>
<b>Project Summary</b>	<b>89,125.48</b>	<b>3,507,012.24</b>	<b>3,596,137.72</b>

Approved by:  \_\_\_\_\_

Brian Van Lienden  
Project Manager  
Woodard & Curran



## Progress Report

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### Cuyama Basin Groundwater Sustainability Plan Development

**Subject:** May 2022 Progress Report

Jim Beck, Executive Director,

**Prepared for:** Cuyama Basin Groundwater Sustainability Agency (CBGSA)

**Prepared by:** Brian Van Lienden, Woodard & Curran

**Date:** June 13, 2022

**Project No.:** 0011078.01

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This progress report summarizes the work performed and project status for the period of April 30, 2022 through May 27, 2022 on the Cuyama Basin Groundwater Sustainability Plan Development project. The work associated with this invoice was performed in accordance with our Consulting Services Agreement dated December 6, 2017, and with Task Order 9, issued by the CBGSA on May 5, 2021. Work previously authorized on Task Orders 1 through 8 are complete.

The progress report contains the following sections:

1. Work Performed
2. Budget Status
3. Schedule Status
4. Outstanding Issues to be Coordinated

#### **1 Work Performed**

A summary of work performed on the project during the current reporting period is provided in Table 1. Table 1 shows work under Task Order 9.

**Table 1: Summary of Task/Deliverables Status for Task Order 9**

<b>Task</b>	<b>Work Completed During the Reporting Period</b>	<b>Percent Complete</b>	<b>Work Scheduled for Next Period</b>
<b>Task 38: FY22 Stakeholder &amp; Board Engagement</b>	<ul style="list-style-type: none"> <li>• Prepare for and participate in ad-hoc calls</li> <li>• Preparation for SAC and Board meetings</li> <li>• Participation in Board meeting on May 5</li> </ul>	90%	<ul style="list-style-type: none"> <li>• Participation in future ad-hoc calls</li> <li>• Preparation for and participation in future CBGSA Board and SAC meetings</li> </ul>
<b>Task 39: FY22 Outreach Support</b>	<ul style="list-style-type: none"> <li>• Ongoing stakeholder outreach activities related to GSP implementation</li> </ul>	90%	<ul style="list-style-type: none"> <li>• Ongoing stakeholder outreach activities related to GSP implementation</li> </ul>
<b>Task 40: FY22 Support for DWR Technical Support Services</b>	<ul style="list-style-type: none"> <li>• Work with DWR on information needed to install transducers in TSS wells</li> <li>• Coordination related to AEM data</li> </ul>	90%	<ul style="list-style-type: none"> <li>• Continued support for TSS program</li> <li>• Continued support for AEM survey</li> </ul>
<b>Task 41: FY22 Cuyama Basin GSP Implementation Support</b>	<ul style="list-style-type: none"> <li>• Monitoring implementation support</li> <li>• DMS updates and data integration</li> <li>• Continued support of adaptive management activities</li> <li>• Support for management area implementation</li> <li>• Prepared revised GSP for submittal to CBGSA Board</li> </ul>	95%	<ul style="list-style-type: none"> <li>• Continued monitoring implementation, DMS, DWR comment response and metering support</li> <li>• Continued adaptive management and management area implementation support</li> <li>• Prepare final revised GSP for submittal to DWR</li> </ul>
<b>Task 42: FY22 Cuyama Basin Model Refinement</b>	<ul style="list-style-type: none"> <li>• Continued model re-calibration process</li> <li>• Performed preliminary historical and projected baseline simulations</li> </ul>	80%	<ul style="list-style-type: none"> <li>• Finalize baseline simulations and perform simulation of sustainable yield scenarios</li> </ul>
<b>Task 43: FY22 Perform Aquifer Testing</b>	<ul style="list-style-type: none"> <li>• Incorporation of aquifer testing data into model re-calibration</li> </ul>	70%	<ul style="list-style-type: none"> <li>• Incorporation of aquifer testing data into model re-calibration</li> <li>• Work with landowners to identify potential site for 2<sup>nd</sup> aquifer test</li> </ul>

Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 44: FY22 Preparation of Grant Applications</b>	<ul style="list-style-type: none"> <li>Work with DWR to review and revise draft agreement</li> </ul>	60%	<ul style="list-style-type: none"> <li>Continue work with DWR to refine grant agreement</li> </ul>

## 2 Budget Status

Table 2 shows the percent spent for each task under Task Order 9 as of May 27, 2022. 81% of the available Task Order 9 budget has been expended (\$543,539.87 out of \$674,308.00).

Table 2: Budget Status for Task Order 9

Task	Total Budget	Spent Previously	Spent this Period	Total Spent to Date	Budget Remaining	% Spent to Date
<b>38</b>	\$108,084.00	\$81,810.48	\$15,825.10	\$97,635.58	\$10,448.42	90%
<b>39</b>	\$15,089.00	\$11,043.02	\$1,915.38	\$12,958.40	\$2,130.61	86%
<b>40</b>	\$16,520.00	\$5,898.50	\$0.00	\$5,898.50	\$10,621.50	36%
<b>41</b>	\$173,683.00	\$171,166.63	\$1,917.50	\$173,084.13	\$598.87	100%
<b>42</b>	\$179,120.00	\$87,408.25	\$56,633.75	\$144,042.00	\$35,078.00	80%
<b>43</b>	\$101,556.00	\$62,714.26	\$9,143.75	\$71,858.01	\$29,697.99	71%
<b>44</b>	\$80,256.00	\$34,373.25	\$3,690.00	\$38,063.25	\$42,192.75	47%
<b>Total</b>	<b>\$674,308.00</b>	<b>\$454,414.39</b>	<b>\$89,125.48</b>	<b>\$543,539.87</b>	<b>\$130,768.14</b>	<b>81%</b>

## 3 Schedule Status

The project is on schedule. Work authorized under Task Orders 1 through 8 is complete.

## 4 Outstanding Issues to be Coordinated

None



INVOICE

**To: Cuyama Basin GSA**  
 Attn: Jim Beck  
 4900 California Avenue, Ste B  
 Bakersfield, CA 93309

**Please Remit To: Hallmark Group**  
 500 Capitol Mall, Ste 2350  
 Sacramento, CA 95814  
 P: (916) 923-1500

**Invoice No.:** 2022-CBGSA-06  
**Task Order No.:** CB-HG-007  
**Agreement No.:** 201709-CB-001  
**Date:** June 30, 2022

For professional services rendered for the month of June 2022:

Task Order	Sub Task	Task Description	Billing Classification	Hours	Rate	Amount	
CB-HG-007	1	Board of Directors and Advisory Committee Meetings	Executive Director - J. Beck	0.50	\$ 350.00	\$ 175.00	
			Project Coordinator - T. Blakslee	35.25	\$ 175.00	\$ 6,168.75	
			Project Coordinator - J. Montoya	6.75	\$ 125.00	\$ 843.75	
				<b>Total Sub Task 1 Labor</b>		<b>\$ 7,187.50</b>	
CB-HG-007	2	Consultant Management and GSP Implementation	Executive Director - J. Beck	15.25	\$ 350.00	\$ 5,337.50	
			Project Coordinator - T. Blakslee	20.75	\$ 175.00	\$ 3,631.25	
			Project Coordinator - J. Montoya	1.50	\$ 125.00	\$ 187.50	
				<b>Total Sub Task 2 Labor</b>		<b>\$ 9,156.25</b>	
CB-HG-007	3	Financial Information Coordination	Executive Director - J. Beck	0.00	\$ 350.00	\$ -	
			Project Controls - J. Harris	5.25	\$ 200.00	\$ 1,050.00	
			Project Coordinator - T. Blakslee	1.50	\$ 175.00	\$ 262.50	
				<b>Total Sub Task 3 Labor</b>		<b>\$ 1,312.50</b>	
CB-HG-007	4	CBGSA Outreach	Project Coordinator - T. Blakslee	4.75	\$ 175.00	\$ 831.25	
				<b>Total Sub Task 4 Labor</b>		<b>\$ 831.25</b>	
CB-HG-007	5	Groundwater Extraction Fee - Funding	Executive Director - J. Beck	0.00	\$ 350.00	\$ -	
			Project Controls - J. Harris	7.50	\$ 200.00	\$ 1,500.00	
			Project Coordinator - T. Blakslee	3.75	\$ 175.00	\$ 656.25	
			Project Coordinator - J. Montoya	0.00	\$ 125.00	\$ -	
				<b>Total Sub Task 5 Labor</b>		<b>\$ 2,156.25</b>	
CB-HG-007	6	Support for CBGSA Response to DWR and Public Comments	Executive Director - J. Beck	0.00	\$ 350.00	\$ -	
			Project Coordinator - T. Blakslee	0.50	\$ 175.00	\$ 87.50	
				<b>Total Sub Task 6 Labor</b>		<b>\$ 87.50</b>	
CB-HG-007	7	Management Area Policy	Executive Director - J. Beck	0.00	\$ 350.00	\$ -	
			Project Coordinator - T. Blakslee	17.25	\$ 175.00	\$ 3,018.75	
			Project Coordinator - J. Montoya	0.00	\$ 125.00	\$ -	
				<b>Total Sub Task 7 Labor</b>		<b>\$ 3,018.75</b>	
CB-HG-007	8	Adjudication Support	Executive Director - J. Beck	0.00	\$ 350.00	\$ -	
			Project Coordinator - T. Blakslee	2.25	\$ 175.00	\$ 393.75	
				<b>Total Sub Task 8 Labor</b>		<b>\$ 393.75</b>	
						<b>Total Labor</b>	<b>\$ 24,143.75</b>
Mileage - Travel to Meetings						\$ 309.88	
Directors' Name Plates						\$ 19.40	
						<b>SubTotal Travel and Other Direct Costs</b>	<b>\$ 329.28</b>
ODC Mark Up - Other					5%	\$ 16.46	
						<b>Total Travel and Other Direct Costs</b>	<b>\$ 345.74</b>
						<b>TOTAL AMOUNT DUE THIS INVOICE</b>	<b>\$ 24,489.49</b>

MAXIMUM CONTRACT VALUE AND PROGRESS BILLING

Task Order	Original Totals	Amendment(s)	Total Committed	Previously Billed	Current Billing	Remaining Balance
CB-HG-007	\$ 207,440.00	\$ 37,900.00	\$ 245,340.00	\$ 220,756.25	\$ 24,143.75	\$ 440.00
Provost & Pritchard	\$ 131,600.00	\$ -	\$ 131,600.00	\$ 45,338.45	\$ -	\$ 86,261.55
Travel and ODC	\$ 2,985.00	\$ 768.00	\$ 3,753.00	\$ 3,754.86	\$ 345.74	\$ (347.60)
<b>Total</b>	<b>\$ 342,025.00</b>	<b>\$ 38,668.00</b>	<b>\$ 380,693.00</b>	<b>\$ 269,849.56</b>	<b>\$ 24,489.49</b>	<b>\$ 86,353.95</b>



**Taylor Blakslee**  
**Mileage Reimbursement**

<b>CBGSA Meeting/Date</b>	<b>Mileage (roundtrip)</b>	<b>IRS Reimb Rate</b>	<b>Total</b>
SAC April 28, 2022	130.20	\$ 0.585	\$ 76.17
GSA May 4, 2022	130.20	\$ 0.585	\$ 76.17
SAC June 30, 2022	130.20	\$ 0.585	\$ 76.17
GSA July 6, 2022	130.20	\$ 0.625	\$ 81.38
<b>Total</b>	<b>520.8</b>		<b>\$ 309.88</b>

**From:** [Joshua Montoya](#)  
**To:** [Jacqueline Harris](#)  
**Subject:** FW: Your Naag Tag order is now complete  
**Date:** Tuesday, July 5, 2022 11:46:28 AM

---

Hello Jacqueline,

This is the name plates we purchased, and this is billable to Cuyama.

Thank you,  
 Joshua Montoya  
 Project Coordinator  
 (661) 316-9340



Corporate (916) 923-1500  
[www.hgcpm.com](http://www.hgcpm.com)

Confidentiality Note: The information contained in this email and document(s) attached are for the exclusive use of the addressee and may contain confidential, privileged and non-disclosable information. If the recipient of this email is not the addressee, such recipient is strictly prohibited from reading, photocopying, distributing or otherwise using this email or its contents in any way.

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**From:** Naag Tag <naagtag@naagtag.com>  
**Sent:** Friday, June 17, 2022 2:05 PM  
**To:** Joshua Montoya <jmontoya@hgcpm.com>  
**Cc:** Taylor Blakslee <TBlakslee@hgcpm.com>  
**Subject:** Your Naag Tag order is now complete

## Thanks for shopping with us

Hi Taylor,

We have finished processing your order.

**[Order #332934] (06/14/2022)**

Product	Quantity	Price
Name Plates - Engraved Text <ul style="list-style-type: none"> <li><b>Size (Inches):</b></li> </ul>		

<p>2 x 10</p> <ul style="list-style-type: none"> <li>• <b>Plastic Color (BACKGROUND COLOR / engraving color):</b> WHITE / blue</li> <li>• <b>Select Edge Type:</b> Beveled Edges (square corners)</li> <li>• <b>Backing:</b> No Backing</li> <li>• <b>Select Font:</b> Times New Roman, Optima (default)</li> <li>• <b>Enter Names/Titles Below as Follows (text will be centered)::</b> Matthew Vickery Cuyama Basin Water District</li> <li>• <b>PLEASE REMEMBER TO INPUT THE CORRECT QUANTITY:</b> Quantity Field Below ↓</li> <li>• <b>OR Click Choose File to Upload a List:</b> <a href="https://naagtag.com/wp-content/uploads/2022/06/IMG_0025-5.jpg">https://naagtag.com/wp-content/uploads/2022/06/IMG_0025-5.jpg</a></li> </ul>	1	\$6.95
<p>Name Plates - Engraved Text</p> <ul style="list-style-type: none"> <li>• <b>Size (Inches):</b> 2 x 10</li> <li>• <b>Plastic Color (BACKGROUND COLOR / engraving color):</b> WHITE / blue</li> <li>• <b>Select Edge Type:</b> Beveled Edges (square corners)</li> <li>• <b>Backing:</b> No Backing</li> </ul>		

<ul style="list-style-type: none"> <li>• <b>Select Font:</b> Times New Roman, Optima (default)</li> <li>• <b>Enter Names/Titles Below as Follows (text will be centered)::</b> Lorena Stoller Cuyama Basin Water District</li> <li>• <b>PLEASE REMEMBER TO INPUT THE CORRECT QUANTITY:</b> Quantity Field Below ↓</li> <li>• <b>OR Click Choose File to Upload a List:</b> false</li> </ul>	1	\$6.95
Standard Processing	1	\$0.00
<b>Subtotal:</b>		\$13.90
<b>Shipping:</b>		\$5.50 via USPS First-Class Mail (4-8 business days)
<b>Tax:</b>		\$0.00
<b>Payment method:</b>		Credit Card (SecureSubmit)
<b>Total:</b>		\$19.40

### Billing address

Taylor Blakslee  
4900 California Avenue  
Tower B, Second Floor  
Bakersfield, CA 93309

**Customer**

[\(661\) 316-9340](tel:(661)316-9340)

[jmontoya@hgcpm.com](mailto:jmontoya@hgcpm.com)

### Shipping address

Taylor Blakslee  
4900 California Avenue  
Tower B, Second Floor  
Bakersfield, CA 93309

Thanks for shopping with us.



Remit to:  
PO Box 55008  
Boston, MA 02205-5008

T 800.426.4262  
T 406.586.8364  
F 406.522.8460

TD BANK  
**Electronic Transfer**  
⑆211274450 ⑆ 2427662596⑆

Jim Beck  
Executive Director  
Cuyama Basin Groundwater Sustainability  
Agency  
c/o Hallmark Group  
1901 Royal Oaks Drive, Suite 200  
Sacramento, CA 95815

July 22, 2022  
Project No: 0011078.01  
Invoice No: 206914

Project 0011078.01 CUYAMA GSP

**Professional Services for the period ending June 24, 2022**

Phase 038 FY 21/22 STAKEHOLDER/BOARD ENGAGEMENT

**Professional Personnel**

	Hours	Rate	Amount
Project Engineer 1 Ceyhan, Mahmut	16.50	245.00	4,042.50
Project Manager 2 Van Lienden, Brian	15.50	295.00	4,572.50
Senior Technical Manager Sturn, Richard	5.00	315.00	1,575.00
Totals	37.00		10,190.00
<b>Labor Total</b>			<b>10,190.00</b>
		<b>Total this Phase</b>	<b>\$10,190.00</b>

Phase 039 FY 21/22 OUTREACH

**Professional Personnel**

	Hours	Rate	Amount
Graphics Manager Fox, Adam	.25	140.00	35.00

Project Manager 2				
Van Lienden, Brian	.50	295.00	147.50	
Totals	.75		182.50	
<b>Labor Total</b>				<b>182.50</b>

**Consultant**

Sub - Consultant Miscellaneous				
6/24/2022 THE CATALYST GROUP		Catalyst Inv# 675	1,765.00	
<b>Consultant Total</b>		<b>1.1 times</b>	<b>1,765.00</b>	<b>1,941.50</b>
			<b>Total this Phase</b>	<b>\$2,124.00</b>

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Phase            040            FY 21/ 22 SUPPORT FOR DWR TECHNICAL SUPP

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Engineer 3				
Diaz, Andres	10.00	235.00	2,350.00	
Totals	10.00		2,350.00	
<b>Labor Total</b>				<b>2,350.00</b>
			<b>Total this Phase</b>	<b>\$2,350.00</b>

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Phase            041            FY 21/22 GSP IMPLEMENTATION SUPPORT

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Planner 2			
Meyer, Nolan	14.75	205.00	3,023.75
Project Manager 2			
Van Lienden, Brian	4.00	295.00	1,180.00
Project Planner 1			
Eggleton, Charles	32.75	245.00	8,023.75
Senior Project Assistant			
Hughart, Desiree	2.00	140.00	280.00
Senior Technical Manager			
Sturn, Richard	5.75	315.00	1,811.25

Senior Technical Practice Leader				
Taghavi, Ali	13.00	330.00	4,290.00	
Totals	72.25		18,608.75	
<b>Labor Total</b>				<b>18,608.75</b>
			<b>Total this Phase</b>	<b>\$18,608.75</b>

Phase            042            FY 21/22 CUYAMA BASIN MODEL REFINEMENT

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Engineer 2				
Baer, John	5.25	205.00	1,076.25	
Engineer 3				
Diaz, Andres	56.00	235.00	13,160.00	
Roy, Zachary	3.00	235.00	705.00	
Planner 3				
Honn, Emily	5.00	235.00	1,175.00	
Project Engineer 1				
Ceyhan, Mahmut	76.25	245.00	18,681.25	
Technical Manager 2				
Cayar, Mesut	1.00	295.00	295.00	
Totals	146.50		35,092.50	
<b>Labor Total</b>				<b>35,092.50</b>
			<b>Total this Phase</b>	<b>\$35,092.50</b>

Phase            043            FY 21/22 PERFORM AQUIFER TESTING

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Engineer 3				
Diaz, Andres	10.00	235.00	2,350.00	
Project Engineer 1				
Ceyhan, Mahmut	11.50	245.00	2,817.50	
Totals	21.50		5,167.50	
<b>Labor Total</b>				<b>5,167.50</b>
			<b>Total this Phase</b>	<b>\$5,167.50</b>

**Total this Invoice**                    **\$73,532.75**

	<b>Current Fee</b>	<b>Previous Fee</b>	<b>Total</b>
<b>Project Summary</b>	<b>73,532.75</b>	<b>3,596,137.72</b>	<b>3,669,670.47</b>

Approved by:  \_\_\_\_\_

Brian Van Lienden  
Project Manager  
Woodard & Curran





## Progress Report

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### Cuyama Basin Groundwater Sustainability Plan Development

**Subject:** June 2022 Progress Report

Jim Beck, Executive Director,

**Prepared for:** Cuyama Basin Groundwater Sustainability Agency (CBGSA)

**Prepared by:** Brian Van Lienden, Woodard & Curran

**Date:** July 26, 2022

**Project No.:** 0011078.01

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This progress report summarizes the work performed and project status for the period of May 28, 2022 through June 24, 2022 on the Cuyama Basin Groundwater Sustainability Plan Development project. The work associated with this invoice was performed in accordance with our Consulting Services Agreement dated December 6, 2017, and with Task Order 9, issued by the CBGSA on May 5, 2021. Work previously authorized on Task Orders 1 through 8 are complete.

The progress report contains the following sections:

1. Work Performed
2. Budget Status
3. Schedule Status
4. Outstanding Issues to be Coordinated

#### **1 Work Performed**

A summary of work performed on the project during the current reporting period is provided in Table 1. Table 1 shows work under Task Order 9.

**Table 1: Summary of Task/Deliverables Status for Task Order 9**

<b>Task</b>	<b>Work Completed During the Reporting Period</b>	<b>Percent Complete</b>	<b>Work Scheduled for Next Period</b>
<b>Task 38: FY22 Stakeholder &amp; Board Engagement</b>	<ul style="list-style-type: none"> <li>• Prepare for and participate in ad-hoc calls</li> <li>• Preparation for SAC and Board meetings</li> <li>•</li> </ul>	100%	<ul style="list-style-type: none"> <li>• None. This task is complete. Additional work will be performed on Task Order 10.</li> </ul>
<b>Task 39: FY22 Outreach Support</b>	<ul style="list-style-type: none"> <li>• Ongoing stakeholder outreach activities related to GSP implementation</li> </ul>	100%	<ul style="list-style-type: none"> <li>• None. This task is complete. Additional work will be performed on Task Order 10.</li> </ul>
<b>Task 40: FY22 Support for DWR Technical Support Services</b>	<ul style="list-style-type: none"> <li>• Work with DWR on information needed to install transducers in TSS wells</li> <li>• Coordination related to AEM data</li> </ul>	100%	<ul style="list-style-type: none"> <li>• None. This task is complete. Additional work will be performed on Task Order 10.</li> </ul>
<b>Task 41: FY22 Cuyama Basin GSP Implementation Support</b>	<ul style="list-style-type: none"> <li>• Performed additional work beyond what was originally budgeted to respond to DWR determination letter and prepare revised GSP for submittal to DWR</li> <li>• Monitoring implementation support</li> <li>• DMS updates and data integration</li> <li>• Continued support of adaptive management activities</li> <li>• Support for management area implementation</li> </ul>	100%	<ul style="list-style-type: none"> <li>• Continued monitoring implementation, DMS, DWR comment response and metering support</li> <li>• Continued adaptive management and management area implementation support</li> <li>• Prepare final revised GSP for submittal to DWR</li> </ul>
<b>Task 42: FY22 Cuyama Basin Model Refinement</b>	<ul style="list-style-type: none"> <li>• Finalized baseline simulations and perform simulation of sustainable yield scenarios</li> <li>• Developed historical and projected water budgets and sustainability estimates and prepared presentation materials for SAC/Booard meetings</li> <li>• Performed uncertainty analysis</li> </ul>	100%	<ul style="list-style-type: none"> <li>• None. This task is complete. Additional work will be performed on Task Order 10.</li> </ul>

Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 43: FY22 Perform Aquifer Testing</b>	<ul style="list-style-type: none"> <li>Incorporation of aquifer testing data into model re-calibration</li> </ul>	100%	<ul style="list-style-type: none"> <li>None. This task is complete. Additional work will be performed on Task Order 10.</li> </ul>
<b>Task 44: FY22 Preparation of Grant Applications</b>	<ul style="list-style-type: none"> <li>Work with DWR to review and revise draft agreement</li> </ul>	100%	<ul style="list-style-type: none"> <li>None. This task is complete. Additional work will be performed on Task Order 10.</li> </ul>

## 2 Budget Status

Table 2 shows the percent spent for each task under Task Order 9 as of June 24, 2022. 81% of the available Task Order 9 budget has been expended (\$617,072.62 out of \$674,308.00).

**Table 2: Budget Status for Task Order 9**

Task	Total Budget	Spent Previously	Spent this Period	Total Spent to Date	Budget Remaining	% Spent to Date
<b>38</b>	\$108,084.00	\$97,635.58	\$10,190.00	\$107,825.58	\$258.42	100%
<b>39</b>	\$15,089.00	\$12,958.40	\$2,124.00	\$15,082.40	\$6.60	100%
<b>40</b>	\$16,520.00	\$5,898.50	\$2,350.00	\$8,248.50	\$8,271.50	50%
<b>41</b>	\$173,683.00	\$173,084.13	\$18,608.75	\$191,692.88	(\$18,009.88)	110%
<b>42</b>	\$179,120.00	\$144,042.00	\$35,092.50	\$179,134.50	(\$14.50)	100%
<b>43</b>	\$101,556.00	\$71,858.01	\$5,167.50	\$77,025.51	\$24,530.49	76%
<b>44</b>	\$80,256.00	\$38,063.25	\$0.00	\$38,063.25	\$42,192.75	47%
<b>Total</b>	<b>\$674,308.00</b>	<b>\$543,539.87</b>	<b>\$73,532.75</b>	<b>\$617,072.62</b>	<b>\$57,235.39</b>	<b>92%</b>

## 3 Schedule Status

The project is on schedule. Work authorized under Task Orders 1 through 8 is complete.

## 4 Outstanding Issues to be Coordinated

None



TO: Board of Directors  
Agenda Item No. 7

FROM: Taylor Blakslee, Hallmark Group

DATE: September 7, 2022

SUBJECT: Approval of Financial Reports for June and July 2022

**Recommended Motion**

Approve financial reports for June and July 2022.

**Discussion**

The Cuyama Basin Groundwater Sustainability Agency's financial reports for June and July 2022 are provided as Attachment 1.

The reports include:

- Statement of Financial Position
- Receipts and Disbursements
- A/R Aging Summary
- A/P Aging Summary
- Statement of Operations with Budget Variance
- 2021/2022 Operating Budget



# **Cuyama Basin GSA**

**Financial Statements**  
**June 2022**

**CUYAMA BASIN GSA**  
**Statement of Financial Position**  
As of June 30, 2022

	Jun 30, 22	Jun 30, 21	\$ Change	% Change
<b>ASSETS</b>				
<b>Current Assets</b>				
<b>Checking/Savings</b>				
Chase - General Checking	2,055,848	1,209,238	846,610	70%
<b>Total Checking/Savings</b>	2,055,848	1,209,238	846,610	70%
<b>Accounts Receivable</b>				
Accounts Receivable	231,453	114,182	117,270	103%
<b>Total Accounts Receivable</b>	231,453	114,182	117,270	103%
<b>Other Current Assets</b>				
Grant Retention Receivable	0	255,470	-255,470	-100%
<b>Total Other Current Assets</b>	0	255,470	-255,470	-100%
<b>Total Current Assets</b>	2,287,301	1,578,890	708,411	45%
<b>TOTAL ASSETS</b>	<b>2,287,301</b>	<b>1,578,890</b>	<b>708,411</b>	<b>45%</b>
<b>LIABILITIES &amp; EQUITY</b>				
<b>Liabilities</b>				
<b>Current Liabilities</b>				
<b>Accounts Payable</b>				
Accounts Payable	361,423	183,964	177,460	97%
<b>Total Accounts Payable</b>	361,423	183,964	177,460	97%
<b>Other Current Liabilities</b>				
Deferred Revenue - GWE Fees	1,037,051	631,495	405,556	64%
<b>Total Other Current Liabilities</b>	1,037,051	631,495	405,556	64%
<b>Total Current Liabilities</b>	1,398,474	815,459	583,016	72%
<b>Total Liabilities</b>	1,398,474	815,459	583,016	72%
<b>Equity</b>				
<b>Unrestricted Net Assets</b>				
Net Income	763,431	636,105	127,326	20%
Net Income	125,395	127,326	-1,930	-2%
<b>Total Equity</b>	888,827	763,431	125,395	16%
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>2,287,301</b>	<b>1,578,890</b>	<b>708,411</b>	<b>45%</b>

**CUYAMA BASIN GSA**  
**Receipts and Disbursements**  
**As of June 30, 2022**

Type	Date	Num	Name	Debit	Credit
<b>Chase - General Checking</b>					
Payment	07/01/2021	317673	Groundwater Extraction Fees:Bolthouse Land Co, LLC	322,421.58	
Payment	07/01/2021	317673	Groundwater Extraction Fees:Bolthouse Land Co - Perkins Ranch	10,296.00	
Payment	07/01/2021	0701 1B7031R020586	Groundwater Extraction Fees:Brodiaea, Inc	29,544.06	
Payment	07/14/2021	489415	Groundwater Extraction Fees:E & B Natural Resources Mgmt Corp	873.99	
Payment	07/14/2021	1273	Groundwater Extraction Fees:Cuyama Mutual Water Co.	191.10	
Payment	07/14/2021	44792	Groundwater Extraction Fees:Santa Barbara Highlands Vineyard	46,046.83	
Payment	07/14/2021	047977	Groundwater Extraction Fees:Feinstein Investments	5,566.47	
Payment	07/14/2021	50506	Groundwater Extraction Fees:Cuyama Dairy Farm	21,799.80	
Payment	07/14/2021	20334	Groundwater Extraction Fees:Apache Canyon Ranch, Inc	12,427.35	
Payment	07/14/2021	2726	Groundwater Extraction Fees:Harrington Farms	2,565.00	
Payment	07/14/2021	2785	Groundwater Extraction Fees:Harrington Farms	2,700.00	
Check	07/16/2021	1081	Groundwater Extraction Fees:Cuyama Dairy Farm		294.81
Bill Pmt -Check	07/16/2021	1082	Minuteman Press		1,936.60
Bill Pmt -Check	08/25/2021	1083	HGCPM, Inc.		81,211.02
Bill Pmt -Check	08/25/2021	1084	Klein DeNatale Goldner		13,213.62
Bill Pmt -Check	08/25/2021	1085	Woodard & Curran Inc		87,602.63
Payment	08/30/2021	04-616441	Department of Water Resources	57,067.73	
Payment	09/24/2021	04-629078	Department of Water Resources	11,504.47	
Bill Pmt -Check	11/04/2021	1086	Daniells Phillips Vaughan & Bock		6,500.00
Bill Pmt -Check	11/04/2021	1087	HGCPM, Inc.		83,786.98
Bill Pmt -Check	11/04/2021	1088	Klein DeNatale Goldner		11,273.50
Bill Pmt -Check	11/04/2021	1089	Woodard & Curran Inc		126,979.37
Payment	12/30/2021	1514	Groundwater Extraction Fees:Brodiaea, Inc	2,954.41	
Payment	12/30/2021	1002072302	Groundwater Extraction Fees:Cuyama Orchards, Inc	22,872.00	
General Journal	12/30/2021	1006	Groundwater Extraction Fees:Cuyama Orchards, Inc		57.18
Bill Pmt -Check	01/06/2022	1091	Daniells Phillips Vaughan & Bock		1,400.00
Bill Pmt -Check	01/06/2022	1092	HGCPM, Inc.		36,063.55
Bill Pmt -Check	01/06/2022	1093	Klein DeNatale Goldner		5,079.00
Bill Pmt -Check	01/06/2022	1094	Woodard & Curran Inc		80,248.28
Payment	01/07/2022	04-720245	Department of Water Resources	84,083.52	
Bill Pmt -Check	03/03/2022	1095	CA Assoc of Mutual Water Companies		100.00
Bill Pmt -Check	03/03/2022	1096	HGCPM, Inc.		49,527.67
Bill Pmt -Check	03/03/2022	1097	Klein DeNatale Goldner	0.00	
Bill Pmt -Check	03/03/2022	1098	Woodard & Curran Inc		81,822.38
Bill Pmt -Check	03/08/2022	1099	Klein DeNatale Goldner	0.00	
Bill Pmt -Check	03/08/2022	1100	Minuteman Press		668.68
Bill Pmt -Check	03/08/2022	1101	Insurica		12,662.00
Bill Pmt -Check	04/13/2022	1102	Klein DeNatale Goldner		7,535.00
Payment	04/29/2022	1194295018Tc	Groundwater Extraction Fees:Cuyama Orchards, Inc	1,004.03	
Bill Pmt -Check	05/05/2022	1103	HGCPM, Inc.		43,488.48
Bill Pmt -Check	05/05/2022	1104	Klein DeNatale Goldner		9,666.00
Bill Pmt -Check	05/05/2022	1105	Woodard & Curran Inc		124,277.16
Payment	05/09/2022	1002091616	Groundwater Extraction Fees:Cuyama Orchards, Inc	22,872.00	
Payment	05/09/2022	04-812428	Department of Water Resources	246,491.21	
General Journal	05/09/2022	1009	Groundwater Extraction Fees:Cuyama Orchards, Inc		58.08
Bill Pmt -Check	06/07/2022	1106	Minuteman Press		518.24
Bill Pmt -Check	06/07/2022	1107	U.S. Geological Survey		39,450.00
Payment	06/07/2022	1502	Groundwater Extraction Fees:Santa Barbara Highlands Vineyard	38,181.26	
Payment	06/07/2022	157	Groundwater Extraction Fees:The Ranch	703.00	
Payment	06/07/2022	265	Groundwater Extraction Fees:Lucky Dog Ranch, LLC	10,907.52	
Payment	06/10/2022	81624	Groundwater Extraction Fees:H Lima Company	131.10	
Payment	06/10/2022	764858872	Groundwater Extraction Fees:Ceferino, Cheng	4,203.94	
Payment	06/10/2022	160366	Groundwater Extraction Fees:Kern Ridge Growers, LLC	60,309.04	
Payment	06/14/2022	453167	Groundwater Extraction Fees:Grimmway Enterprises, Inc	357,241.80	
Payment	06/14/2022	328344	Groundwater Extraction Fees:Bolthouse Land Co - Perkins Ranch	9,028.80	
Payment	06/14/2022	328344	Groundwater Extraction Fees:Lear Real Estate Ent LLC	11,035.20	
Payment	06/14/2022	328226	Groundwater Extraction Fees:Bolthouse Land Co, LLC	244,423.60	
Payment	06/16/2022	SB County	Groundwater Extraction Fees:Cuyama Orchards, Inc	1,003.30	
Payment	06/29/2022	SB County	Groundwater Extraction Fees:Cuyama Orchards, Inc	0.41	
Payment	06/30/2022	1286	Groundwater Extraction Fees:Cuyama Mutual Water Co.	169.86	
Payment	06/30/2022	049573	Groundwater Extraction Fees:Feinstein Investments	2,994.40	
Payment	06/30/2022	20553	Groundwater Extraction Fees:Apache Canyon Ranch, Inc	12,251.20	
Payment	06/30/2022	1234	Groundwater Extraction Fees:Harrington, Roy	4,544.80	
Payment	06/30/2022	2601	Groundwater Extraction Fees:Harrington, Roy	4,544.80	
Payment	06/30/2022	7963	Groundwater Extraction Fees:Harrington, Roy	4,544.80	
Payment	06/30/2022	43065	Groundwater Extraction Fees:El Rancho Espanol	12.81	
Payment	06/30/2022	106723	Groundwater Extraction Fees:Sunridge Nurseries, Inc	21,023.88	
Payment	06/30/2022	9494	Groundwater Extraction Fees:JHP Global, Inc	13,543.20	
Payment	06/30/2022	18417	Groundwater Extraction Fees:Triangle E. Farms	13,608.18	
Payment	06/30/2022	11938	Groundwater Extraction Fees:Cuyama Community Svcs Dist	4,301.60	
Payment	06/30/2022	3913989	Groundwater Extraction Fees:Brodiaea, Inc	30,040.52	
Total Chase - General Checking				1,752,030.57	905,420.23
<b>TOTAL</b>				<b>1,752,030.57</b>	<b>905,420.23</b>

**CUYAMA BASIN GSA  
A/R Aging Summary  
As of June 30, 2022**

	<u>Current</u>	<u>1 - 30</u>	<u>31 - 60</u>	<u>61 - 90</u>	<u>&gt; 90</u>	<u>TOTAL</u>
<b>Groundwater Extraction Fees</b>						
Lee, Jennifer	3,444	0	0	0	0	3,444
Cuyama Dairy Farm	35,145	0	0	0	0	35,145
Cuyama Orchards, Inc	37,405	343	0	343	40,262	78,353
E & B Natural Resources Mgmt Corp	874	0	0	0	0	874
Harrington Farms	4,218	0	0	0	0	4,218
Lewis, David	1,624	0	0	0	0	1,624
Sunrise Olive Ranch, LLC	73,140	0	0	0	0	73,140
Tri-County Pistachios	34,654	0	0	0	0	34,654
<b>Total Groundwater Extraction Fees</b>	<u>190,505</u>	<u>343</u>	<u>0</u>	<u>343</u>	<u>40,262</u>	<u>231,453</u>
<b>TOTAL</b>	<u><b>190,505</b></u>	<u><b>343</b></u>	<u><b>0</b></u>	<u><b>343</b></u>	<u><b>40,262</b></u>	<u><b>231,453</b></u>



**CUYAMA BASIN GSA**  
**A/P Aging Summary**  
As of June 30, 2022

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	<u>Current</u>	<u>1 - 30</u>	<u>31 - 60</u>	<u>61 - 90</u>	<u>&gt; 90</u>	<u>TOTAL</u>
HGCPM, Inc.	44,600	0	37,835	0	0	82,435
Klein DeNatale Goldner	15,419	0	3,399	0	0	18,818
Woodard & Curran Inc	162,658	0	97,512	0	0	260,171
<b>TOTAL</b>	<b><u>222,677</u></b>	<b><u>0</u></b>	<b><u>138,747</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>361,423</u></b>

**CUYAMA BASIN GSA**  
**Statement of Operations with Budget Variance**  
 July 2021 through June 2022

	Jul '21 - Jun 22	Budget	\$ Over Budget	% of Budget
<b>Ordinary Income/Expense</b>				
<b>Income</b>				
<b>Direct Public Funds</b>				
Groundwater Extraction Fees	1,119,893	1,000,000	119,893	112%
Grant Reimbursements	93,426	344,391	-250,965	27%
GWE Late Fees	12,982	0	12,982	100%
<b>Total Direct Public Funds</b>	1,226,302	1,344,391	-118,089	91%
<b>Total Income</b>	1,226,302	1,344,391	-118,089	91%
<b>Cost of Goods Sold</b>				
<b>Program Expenses</b>				
<b>Technical Consulting</b>				
GSP Implementation - W&C	200,035	173,683	26,352	115%
Basin Model Refinement	180,755	194,912	-14,158	93%
Stakeholder Engagement	108,388	92,292	16,096	117%
Monitoring Network - P&P/USGS	85,723	131,600	-45,877	65%
Aquifer Testing	77,026	101,556	-24,530	76%
Technical Support for DWR	9,441	16,520	-7,080	57%
Technical Support - CAT 1	36,439	9,232	27,207	395%
Outreach	17,134	15,089	2,045	114%
Grant Proposals	38,063	80,256	-42,193	47%
Grant Administration	6,219	6,000	219	104%
Ineligible Grant Reimb - PY	18,321	0	18,321	100%
<b>Total Technical Consulting</b>	777,542	821,140	-43,598	95%
<b>Total Program Expenses</b>	777,542	821,140	-43,598	95%
<b>Total COGS</b>	777,542	821,140	-43,598	95%
<b>Gross Profit</b>	448,759	523,251	-74,492	86%
<b>Expense</b>				
<b>General and Administrative</b>				
MA Implementation - Prop 218	0	60,000	-60,000	0%
<b>GSA Executive Director</b>				
GSA BOD Meetings	95,506	80,950	14,556	118%
Consult Mgmt and GSP Devel	66,100	59,288	6,812	111%
Financial Information Coord	41,350	36,738	4,612	113%
Support for DWR/Public Comments	12,419	5,600	6,819	222%
Management Area Policy	10,869	0	10,869	100%
Funding Process (GWE Fee)	7,981	15,238	-7,257	52%
CBGSA Outreach	8,663	9,625	-963	90%
Adjudication Support	2,013	0	2,013	100%
Travel and Direct Costs	3,610	3,754	-144	96%
<b>Total GSA Executive Director</b>	248,510	211,193	37,317	118%
<b>Other Administrative</b>				
Legal	52,371	60,000	-7,629	87%
Insurance - D&O and General	12,662	12,000	662	106%
Auditing/Accounting Fees	7,900	9,000	-1,100	88%
Printing and Copying	1,705	0	1,705	100%
Other Admin Expense	215	200	15	108%
Contingency	0	20,000	-20,000	0%
<b>Total Other Administrative</b>	74,854	101,200	-26,346	74%
<b>Total General and Administrative</b>	323,364	372,393	-49,029	87%
<b>Total Expense</b>	323,364	372,393	-49,029	87%
<b>Net Ordinary Income</b>	125,395	150,858	-25,463	83%
<b>Net Income</b>	<b>125,395</b>	<b>150,858</b>	<b>-25,463</b>	<b>83%</b>



# **Cuyama Basin GSA**

## **Financial Statements**

**July 2022**

**CUYAMA BASIN GSA**  
**Statement of Financial Position**  
As of July 31, 2022

	Jul 31, 22	Jul 31, 21	\$ Change	% Change
<b>ASSETS</b>				
<b>Current Assets</b>				
<b>Checking/Savings</b>				
Chase - General Checking	1,946,305	1,661,439	284,867	17%
<b>Total Checking/Savings</b>	<b>1,946,305</b>	<b>1,661,439</b>	<b>284,867</b>	<b>17%</b>
<b>Accounts Receivable</b>				
Accounts Receivable	83,063	155,210	-72,147	-47%
<b>Total Accounts Receivable</b>	<b>83,063</b>	<b>155,210</b>	<b>-72,147</b>	<b>-47%</b>
<b>Other Current Assets</b>				
Grant Retention Receivable	0	255,470	-255,470	-100%
<b>Total Other Current Assets</b>	<b>0</b>	<b>255,470</b>	<b>-255,470</b>	<b>-100%</b>
<b>Total Current Assets</b>	<b>2,029,368</b>	<b>2,072,118</b>	<b>-42,750</b>	<b>-2%</b>
<b>TOTAL ASSETS</b>	<b>2,029,368</b>	<b>2,072,118</b>	<b>-42,750</b>	<b>-2%</b>
<b>LIABILITIES &amp; EQUITY</b>				
<b>Liabilities</b>				
<b>Current Liabilities</b>				
<b>Accounts Payable</b>				
Accounts Payable	218,500	240,124	-21,624	-9%
<b>Total Accounts Payable</b>	<b>218,500</b>	<b>240,124</b>	<b>-21,624</b>	<b>-9%</b>
<b>Total Current Liabilities</b>	<b>218,500</b>	<b>240,124</b>	<b>-21,624</b>	<b>-9%</b>
<b>Total Liabilities</b>	<b>218,500</b>	<b>240,124</b>	<b>-21,624</b>	<b>-9%</b>
<b>Equity</b>				
<b>Unrestricted Net Assets</b>				
Net Income	888,827	763,431	125,395	16%
	922,041	1,068,563	-146,522	-14%
<b>Total Equity</b>	<b>1,810,868</b>	<b>1,831,994</b>	<b>-21,126</b>	<b>-1%</b>
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>2,029,368</b>	<b>2,072,118</b>	<b>-42,750</b>	<b>-2%</b>

**CUYAMA BASIN GSA**  
**Receipts and Disbursements**  
As of July 31, 2022

Type	Date	Num	Name	Debit	Credit
<b>Chase - General Checking</b>					
Bill Pmt -Check	07/06/2022	1108	HGCPM, Inc.		56,982.88
Bill Pmt -Check	07/06/2022	1109	Klein DeNatale Goldner		14,654.61
Bill Pmt -Check	07/06/2022	1110	Woodard & Curran Inc		186,637.84
Payment	07/07/2022	2093	Groundwater Extraction Fees:Tri-County Pistachios	34,654.10	
Payment	07/07/2022	4157	Groundwater Extraction Fees:Sunrise Olive Ranch, LLC	73,140.12	
Payment	07/07/2022	20526	Groundwater Extraction Fees:Cuyama Orchards, Inc	36,720.05	
Payment	07/07/2022	3031	Groundwater Extraction Fees:Harrington Farms	4,218.00	
Total Chase - General Checking				148,732.27	258,275.33
<b>TOTAL</b>				<b>148,732.27</b>	<b>258,275.33</b>

**CUYAMA BASIN GSA**  
**A/R Aging Summary**  
As of July 31, 2022

	Current	1 - 30	31 - 60	61 - 90	> 90	TOTAL
<b>Groundwater Extraction Fees</b>						
Lee, Jennifer	0	0	3,444	0	0	3,444
Cuyama Dairy Farm	0	0	35,145	0	0	35,145
Cuyama Orchards, Inc	685	0	343	343	40,605	41,975
E & B Natural Resources Mgmt Corp	0	0	874	0	0	874
Lewis, David	0	0	1,624	0	0	1,624
<b>Total Groundwater Extraction Fees</b>	<u>685</u>	<u>0</u>	<u>41,430</u>	<u>343</u>	<u>40,605</u>	<u>83,063</u>
<b>TOTAL</b>	<u><b>685</b></u>	<u><b>0</b></u>	<u><b>41,430</b></u>	<u><b>343</b></u>	<u><b>40,605</b></u>	<u><b>83,063</b></u>

**CUYAMA BASIN GSA**  
**A/P Aging Summary**  
As of July 31, 2022

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	<u>Current</u>	<u>1 - 30</u>	<u>31 - 60</u>	<u>61 - 90</u>	<u>&gt; 90</u>	<u>TOTAL</u>
HGCPM, Inc.	23,257	25,452	0	0	0	48,709
Klein DeNatale Goldner	14,596	4,163	0	0	0	18,759
Woodard & Curran Inc	77,499	73,533	0	0	0	151,032
<b>TOTAL</b>	<b><u>115,352</u></b>	<b><u>103,148</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>218,500</u></b>

**CUYAMA BASIN GSA**  
**Statement of Operations with Budget Variance**  
**July 2022**

	Jul 22	Budget	\$ Over Budget	% of Budget
<b>Ordinary Income/Expense</b>				
<b>Income</b>				
<b>Direct Public Funds</b>				
Groundwater Extraction Fees	1,037,051	1,064,000	-26,949	97%
GWE Late Fees	343	0	343	100%
<b>Total Direct Public Funds</b>	1,037,394	1,064,000	-26,606	97%
<b>Total Income</b>	1,037,394	1,064,000	-26,606	97%
<b>Cost of Goods Sold</b>				
<b>Program Expenses</b>				
<b>Technical Consulting</b>				
Monitoring Network Enhancements	12,019	10,400	1,619	116%
GSP Implementation - W&C	0	22,900	-22,900	0%
Stakeholder Engagement	13,389	9,085	4,304	147%
Monitoring Network - P&P/USGS	0	48,750	-48,750	0%
Technical Support for DWR	0	1,670	-1,670	0%
Outreach	0	3,057	-3,057	0%
Grant Administration	2,825	8,300	-5,475	34%
GSP Development	8,290	0	8,290	100%
Basin Water Use Surveys	3,675	12,900	-9,225	28%
Project & Mgmt Action Impl	37,301	18,800	18,501	198%
<b>Total Technical Consulting</b>	77,499	135,862	-58,363	57%
<b>Total Program Expenses</b>	77,499	135,862	-58,363	57%
<b>Total COGS</b>	77,499	135,862	-58,363	57%
<b>Gross Profit</b>	959,895	928,138	31,757	103%
<b>Expense</b>				
<b>General and Administrative</b>				
<b>GSA Executive Director</b>				
GSA BOD Meetings	10,881	9,282	1,599	117%
Consult Mgmt and GSP Devel	3,381	6,112	-2,731	55%
Financial Information Coor	1,725	4,277	-2,552	40%
Support for DWR/Public Comments	175	1,519	-1,344	12%
Management Area Policy	2,100	0	2,100	100%
Funding Process (GWE Fee)	1,900	464	1,436	409%
CBGSA Outreach	1,256	895	361	140%
Adjudication Support	556	162	394	343%
Management Area Admin	0	977	-977	0%
Travel and Direct Costs	1,282	475	807	270%
<b>Total GSA Executive Director</b>	23,257	24,163	-906	96%
<b>Other Administrative</b>				
Legal	14,596	8,350	6,246	175%
Grant Proposals.	0	3,500	-3,500	0%
Contingency	0	5,000	-5,000	0%
<b>Total Other Administrative</b>	14,596	16,850	-2,254	87%
<b>Total General and Administrative</b>	37,853	41,013	-3,160	92%
<b>Total Expense</b>	37,853	41,013	-3,160	92%
<b>Net Ordinary Income</b>	922,041	887,125	34,916	104%
<b>Net Income</b>	<b>922,041</b>	<b>887,125</b>	<b>34,916</b>	<b>104%</b>



**CUYAMA BASIN GSA**  
**2022/2023 Operating Budget**  
 July 2022 through June 2023

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	<b>Jul '22 - Jun 23</b>
<b>Ordinary Income/Expense</b>	
<b>Income</b>	
<b>Direct Public Funds</b>	
Groundwater Extraction Fees	1,064,000
Grant Reimbursements	3,731,550
<b>Total Direct Public Funds</b>	4,795,550
<b>Total Income</b>	4,795,550
<b>Cost of Goods Sold</b>	
<b>Program Expenses</b>	
<b>Technical Consulting</b>	
Monitoring Network Enhancements	125,000
GSP Implementation - W&C	275,000
Stakeholder Engagement	109,000
Monitoring Network - P&P/USGS	137,500
Technical Support for DWR	20,000
Outreach	36,667
Grant Administration	100,000
Basin Water Use Surveys	155,000
Project & Mgmt Action Impl	226,000
<b>Total Technical Consulting</b>	1,184,167
<b>Total Program Expenses</b>	1,184,167
<b>Total COGS</b>	1,184,167
<b>Gross Profit</b>	3,611,383
<b>Expense</b>	
<b>General and Administrative</b>	
<b>GSA Executive Director</b>	
GSA BOD Meetings	111,395
Consult Mgmt and GSP Devel	73,351
Financial Information Coor	51,357
Support for DWR/Public Comments	18,217
Funding Process (GWE Fee)	5,562
CBGSA Outreach	10,721
Adjudication Support	1,935
Management Area Admin	11,768
Travel and Direct Costs	5,694
<b>Total GSA Executive Director</b>	290,000
<b>Other Administrative</b>	
Legal	100,000
Insurance - D&O and General	14,000
Auditing/Accounting Fees	9,800
Grant Proposals.	42,000
Other Admin Expense	200
Contingency	20,000
<b>Total Other Administrative</b>	186,000
<b>Total General and Administrative</b>	476,000
<b>Total Expense</b>	476,000
<b>Net Ordinary Income</b>	3,135,383
<b>Net Income</b>	3,135,383



TO: Board of Directors  
Agenda Item No. 8

FROM: United States Geological Survey

DATE: September 7, 2022

SUBJECT: Approval of Annual USGS Stream Gauge Operation and Maintenance Agreement

**Recommended Motion**

Approve annual United States Geological Survey (USGS) stream gauge operation and maintenance agreement.

**Discussion**

An annual operation and maintenance agreement is required with USGS for the two stream gauge locations recently installed in the basin (New Cuyama and Ventucopa areas). The agreement is provided as Attachment 1 for consideration of approval in the amount of \$52,600. This contract amount was budgeted in the adopted Fiscal Year 2022-2023 budget and staff recommends approval.



## United States Department of the Interior

U.S. GEOLOGICAL SURVEY  
California Water Science Center  
6000 J Street, Placer Hall  
Sacramento, CA 95819

August 4, 2022

Jim Beck  
Executive Director  
Cuyama Basin Groundwater Sustainability Agency  
500 Capitol Mall, Suite 2350  
Sacramento, CA 95814

Dear Mr. Beck:

This letter finalizes the costs of the cooperative water resources program outlined in Attachment 1 during the period October 1, 2022 through September 30, 2023 in the amount of \$52,600 from your agency. If you are in agreement with this proposed program, please return the fully executed signed copy to [CAgageADMIN@usgs.gov](mailto:CAgageADMIN@usgs.gov) (preferred) or send one fully executed paper copy to Cade Castro at the address in the letter head.

Federal law requires that we have a signed agreement before we start or continue work. Please return the signed agreement by **October 1, 2022**. If, for any reason, the agreement cannot be signed and returned by the date shown above, please contact Ben Glass by phone number (805) 928-9539 or email [brglass@usgs.gov](mailto:brglass@usgs.gov) to make alternative arrangements.

This is a fixed cost agreement to be billed via Down Payment Request (automated Form DI-1040). Please allow 30-days from the end of the billing period for issuance of the bill. If you experience any problems with your invoice(s), please contact Cade Castro at phone number (970) 462-2034 or email at [ccastro@usgs.gov](mailto:ccastro@usgs.gov).

The results of all work performed under this agreement will be available for publication by the U.S. Geological Survey. We look forward to continuing this and future cooperative efforts in these mutually beneficial water resources studies.

If you have any questions, please don't hesitate to call.

Sincerely,

Alissa Coes  
Acting Director, USGS California Water Science  
Center

Enclosure  
Detailed Summary

**Form 9-1366  
(May 2018)**

**U.S. Department of the Interior  
U.S. Geological Survey  
Joint Funding Agreement  
FOR  
Water Resource Investigations**

**Customer #: 600007725  
Agreement #: 23ZGJFA06000065  
Project #: ZG00GZV  
TIN #: 82-3307328**

**Fixed Cost Agreement YES[ X ] NO[ ]**

THIS AGREEMENT is entered into as of the October 1, 2022, by the U.S. GEOLOGICAL SURVEY, California Water Science Center, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the Cuyama Basin Groundwater Sustainability Agency party of the second part.

1. The parties hereto agree that subject to the availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation Water Resource Investigations (per attachment), herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50, and 43 USC 50b.

2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) include In-Kind-Services in the amount of \$0.00

- (a) \$0 by the party of the first part during the period  
October 1, 2022 to September 30, 2023
- (b) \$52,600 by the party of the second part during the period  
October 1, 2022 to September 30, 2023
- (c) Contributions are provided by the party of the first part through other USGS regional or national programs, in the amount of: \$0

Description of the USGS regional/national program:

- (d) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.
- (e) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.

3. The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.

4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.

5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.

6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.

7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.

8. The maps, records or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program, and if already published by the party of the first part shall, upon request, be furnished by the party of the first part, at cost, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records or reports published by either party shall contain a statement of the cooperative relations between the parties. The Parties acknowledge that scientific information and data developed as a result of the Scope of Work (SOW) are subject to applicable USGS review, approval, and release requirements, which are available on the USGS Fundamental Science Practices website (<https://www.usgs.gov/about/organization/science-support/science-quality-and-integrity/fundamental-science-practices>).

**Form 9-1366  
(May 2018)**

**U.S. Department of the Interior  
U.S. Geological Survey  
Joint Funding Agreement  
FOR**

**Customer #: 600007725  
Agreement #: 23ZGJFA06000065  
Project #: ZG00GZV  
TIN #: 82-3307328**

**Water Resource Investigations**

9. Billing for this agreement will be rendered **quarterly**. Invoices not paid within 60 days from the billing date will bear Interest, Penalties, and Administrative cost at the annual rate pursuant the Debt Collection Act of 1982, (codified at 31 U.S.C. § 3717) established by the U.S. Treasury.

**USGS Technical Point of Contact**

Name: Ben Glass  
Supervisory Hydrologic Technician  
Address: 3130 Skyway Drive  
Santa Maria, CA 93455  
Telephone: (805) 928-9539  
Fax: (805) 928-9220  
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**Customer Technical Point of Contact**

Name: Taylor Blakslee  
Project Coordinator  
Address: 4900 California Ave Suite 210B  
Bakersfield, CA 93309-7080  
Telephone: (661) 447-3385  
Fax:  
Email: tblakslee@hgcpm.com

**USGS Billing Point of Contact**

Name: Cade Castro  
Budget Analyst  
Address: 6000 J Street Placer Hall  
Sacramento, CA 95819  
Telephone: (970) 462-2034  
Fax:  
Email: ccastro@usgs.gov

**Customer Billing Point of Contact**

Name: Jacqueline Harris  
Controller  
Address: 500 Capitol Mall, Suite 2350  
Sacramento, CA 95814  
Telephone: (916) 947-5031  
Fax:  
Email: jharris@hgcpm.com

**U.S. Geological Survey  
United States  
Department of Interior**

**Cuyama Basin Groundwater Sustainability Agency**

Signature

Signatures

By \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Alissa Coes  
Title: Acting Director, USGS California Water Science Center

By \_\_\_\_\_ Date: \_\_\_\_\_  
Name:  
Title:

By \_\_\_\_\_ Date: \_\_\_\_\_  
Name:  
Title:

By \_\_\_\_\_ Date: \_\_\_\_\_  
Name:  
Title:

**Cuyama Basin Groundwater Sustainability Agency**  
 Attachment for 23ZGJFA06000065  
 10/1/2022 to 9/30/2023

<b>SURFACE WATER</b>								
<b>SITE NUMBER</b>	<b>DESCRIPTION</b>	<b>CODE</b>	<b>NO. UNITS</b>	<b>DIFF FACTOR</b>	<b>USGS FUNDS</b>	<b>CUST. CASH</b>	<b>OTHER FUNDS</b>	<b>TOTAL COST</b>
11136500	CUYAMA R NR VENTUCOPA CA Full Range Streamflow Station	QCONT	1	1		\$26,300		
				<b>SW Total:</b>				<b>\$26,300</b>
11136710	CUYAMA R NR NEW CUYAMA CA Full Range Streamflow Station	QCONT	1	1		\$26,300		
				<b>SW Total:</b>				<b>\$26,300</b>
				<b>SW Grand Total:</b>		<b>\$52,600</b>		<b>\$52,600</b>

<b>SUMMARY FOR 23ZGJFA06000065</b>				
<b>Cuyama Basin Groundwater Sustainability Agency</b>				
<b>TYPE</b>	<b>USGS FUNDS</b>	<b>CUST. CASH</b>	<b>OTHER FUNDS</b>	<b>TOTAL COST</b>
<b>SURFACE WATER (SW)</b>		<b>\$52,600</b>		<b>\$52,600</b>
<b>GRAND TOTAL</b>		<b>\$52,600</b>		<b>\$52,600</b>



TO: Board of Directors  
Agenda Item No. 9

FROM: Jim Beck / Joe Hughes

DATE: September 7, 2022

SUBJECT: Direction on GSA Well Permit Policy

**Recommended Motion**

Board feedback requested.

**Discussion**

Cuyama Basin Groundwater Sustainability Agency well permit policy points are provided as Attachment 1 for discussion and feedback by the Board.



Cuyama Basin Groundwater Sustainability Agency

# 9. Direction on GSA Well Permit Policy

Jim Beck / Joe Hughes

September 7, 2022





# Background

- On July 6, 2022, the Board directed staff to continue the development of GSA well permit policies with an ad hoc
- The ad hoc met on August 22, 2022, and August 29, 2022, to consider multiple options

# Draft GSA Policy

- **Modification/Replacement of Existing Wells**
  - Well must be same capacity as existing well (to be verified by driller)
  - Well must be within a ½ mile of existing well
  - Existing well must be properly abandoned following county procedures
  
- **For Construction of New Wells**
  - Well applicant to hire hydrogeologist firm to ensure “(i) the proposed well would not be inconsistent with the GSA’s GSP; and (ii) the proposed well would not decrease the likelihood of achieving a sustainability goal included in that GSA’s GSP.”

# Draft GSA Procedures

- **Option 1:**
  - Well applications are reviewed *and* **approved** at a monthly Standing Committee
  - To be reported on at the Board
- **Option 2:**
  - Well applications to be reviewed at monthly Standing Committee and put on consent agenda for approval by the Board





TO: Board of Directors  
Agenda Item No. 10

FROM: Jim Beck / Joe Hughes

DATE: September 7, 2022

SUBJECT: Direction on Administration of Pumping Reductions in the Central Management Area

**Recommended Motion**

Board feedback requested.

**Discussion**

On July 6, 2022, the Cuyama Basin Groundwater Sustainability Agency provided direction on several Central Management Area (CMA) policy points. One outstanding policy point is how to administer the pumping reductions in the CMA and the Board directed staff to bring this back to the Standing Advisory Committee (SAC) and Board for direction on September 1, 2022, and September 7, 2022, respectively.

The draft policy points are provided as Attachment 1 for discussion and feedback by the Board.

Cuyama Basin Groundwater Sustainability Agency

10. Direction on Administration of Pumping Reduction in the  
Central Management Area

Jim Beck / Joe Hughes

September 7, 2022





# Background

- On May 4, 2022, the Board provided direction on administering the pumping reduction in the Central Management Area
- On July 6, 2022, the following policy was presented, and the Board directed to staff to bring this draft policy back for review at the September 7, 2022, Board meeting

# Draft Administration of Pumping Reduction Policy

- The CBGSA will develop a water allocation for each parcel
  - Preliminary allocations will be provided to landowners in the CMA in July 2022
  - Variance request forms are due September 1, 2022, for 2023 and 2024 allocations
  - The Board will decide on variance requests on November 2, 2022
  - Final landowner allocations will be provided to landowners in the CMA by December 1, 2022
- Each parcel carries an allocation, but water extractions are reported at the wellhead
- Each landowner must submit monthly meter readings for the preceding year by January 31st according the CBGSA meter reporting instructions (provided at [www.cuyamabasin.org](http://www.cuyamabasin.org))
- Each landowner must list the APNs the well served and how many acre-feet of water was used on each APN
- Each landowner must report if water was applied from outside the CMA (i.e., from a nearby well, trucked water, etc.) to an APN within the CMA
- Staff will develop a water accounting to report at the March Board meeting



TO: Standing Advisory Committee  
Agenda Item No. 11

FROM: Jim Beck / Joe Hughes

DATE: September 7, 2022

SUBJECT: Direction on Basin-Wide Water Management Policies

**Recommended Motion**

Board feedback requested.

**Discussion**

On May 4, 2022, the Cuyama Basin Groundwater Sustainability Agency Board of Directors (CBGSA) directed staff to begin discussions on (1) increased water use outside the Central Management Area, and (2) water market/trading discussions.

The Basin-Wide Water Management ad hoc met on August 18, 2022, and Attachment 1 includes items discussed by the ad hoc for Board feedback.



Cuyama Basin Groundwater Sustainability Agency

11. Direction on Basin-Wide Water Management Policies

Jim Beck / Joe Hughes

September 7, 2022



# Background

- On May 4, 2022, the Board directed staff to begin discussions with an ad hoc to address the below two water management topics:
  1. Increased water use outside the Central Management Area
  2. Water market/trading discussions



# Is There a Concern With Increased Water Use Outside the Central Management Area– What Does the GSP Say?

- **Executive Summary (pg ES-1)** “Although current analysis indicates groundwater pumping reductions on the order of 50 to 67 percent may be required Basin-wide to achieve sustainability, additional efforts are required to confirm the amount and location of pumping reductions required to achieve sustainability. These efforts include collecting additional data and a review of the Basin’s groundwater model, along with other efforts as outlined in this document.”

# Is There a Concern With Increased Water Use Outside the Central Management Area

- Staff analyzed sustainable yield and 2021 water use for three regions in the basin:
  1. West of the Russel Fault
  2. East of the Russel Fault and west of the Santa Barbara Canyon Fault (SBCF)
  3. East of the SBCF
- ***This analysis is preliminary and meant for discussion purposes only***





# Is There a Concern With Increased Water Use **DRAFT** Outside the Central Management Area

	Estimated Sustainable Yield (AFY)	Est. Water Use for Extraction Fee <sup>1</sup> (AFY)	Modeled 2021 Pumping <sup>2</sup> (AFY)	Implied 2021 Deficit <sup>3</sup> (AF)	Pumping Reduction % Required to Reach SY	Percent of Implied Basin Deficit
1 Entire Basin	19,360	27,149	63,900	(44,540)	70%	
2 West of Russell Fault	860	790	2,200	(1,340)	61%	3%
3 <u>East of the Russell Fault and west of the Santa Barbara Canyon Fault (SBCF)</u>	13,000	23,408	53,500	(40,500)	76%	91%
a) Inside CMA	8,850		41,700	(32,850)	79%	
b) Outside CMA	4,150		11,800	(7,650)	65%	
4 East of the SBCF	5,500	2,951	8,200	(2,700)	33%	6%

1. Combination of ET and metered data provided by landowners for administration of the extraction fee
2. Modeled pumping estimate is based on DWR 2018 land use dataset and landowner provided land use data
3. Based on modeled 2021 pumping

# Is There a Concern With Increased Water Use Outside the Central Management Area

- Board feedback requested
- Do anything?
- If yes, when?



TO: Board of Directors  
Agenda Item No. 12a

FROM: Jim Beck, Executive Director

DATE: September 7, 2022

SUBJECT: Report of the Executive Director

**Issue**

Report of the Executive Director.

**Recommended Motion**

None – information only.

**Discussion**

Progress and next steps for the Hallmark Group are provided as Attachment 1 for June and July 2022. An overview of consultant budget-to-actuals is provided as Attachment 2.

# Cuyama Basin Groundwater Sustainability Agency

## Progress & Next Steps

September 7, 2022



# June-July 2022 Accomplishments & Next Steps

## Accomplishments

- ✓ Facilitated Technical Meeting regarding Modeling Update on June 2, 2022
- ✓ Prepared and facilitated ad hoc committee on Identifying Unknown Pumpers on June 6, 2022
- ✓ Facilitated SAC meeting on June 30, 2022
- ✓ Correspondence with County representatives regarding technical meeting modeling update
- ✓ Correspondence with Ad hoc regarding Cuyama technical meeting modeling update
- ✓ Correspondence with landowners on 2021 water use
- ✓ Correspondence with stakeholders regarding GSP, extraction fee, and water use
- ✓ Correspondence with Board legal counsel Alex Dominguez regarding language for Cuyama penalty hearing
- ✓ Prepared June progress report
- ✓ Submitted resolution authorizing collection of delinquent extraction fees to Ventura County
- ✓ Correspondence with Board regarding rescheduling Board meeting on September 7, 2022
- ✓ Correspondence with legal counsel regarding scheduling Cuyama public workshop
- ✓ Correspondence with legal counsel regarding submitting delinquent fee information to Santa Barbra
- ✓ Review and finalized public hearing scripts for Board meeting on July 6, 2022
- ✓ Prepared and facilitated Board meeting on July 6, 2022
- ✓ Correspondence with Woodward and Curran project manager Brian Van Lienden regarding action items from Board meeting on July 6, 2022
- ✓ Correspondence with Woodward and Curran regarding model update
- ✓ Correspondence with Land IQ consultant Joel Kimmelshue regarding land use data.
- ✓ Prepared and provided Woodward and Curran Nolan Meyer updated APN for 2021 water users.
- ✓ Processed groundwater extraction payments.
- ✓ Correspondence with Woodward and Curran consultant Micah Eggleton regarding allocation spreadsheet update.

## Next Steps

- Facilitate Basin-Wide water management ad hoc
- Facilitate and manage variance request ad hoc
- Begin implementation of grant funded projects
- Identify potential non-reporting pumpers



# Cuyama Basin Groundwater Sustainability Agency Financial Report

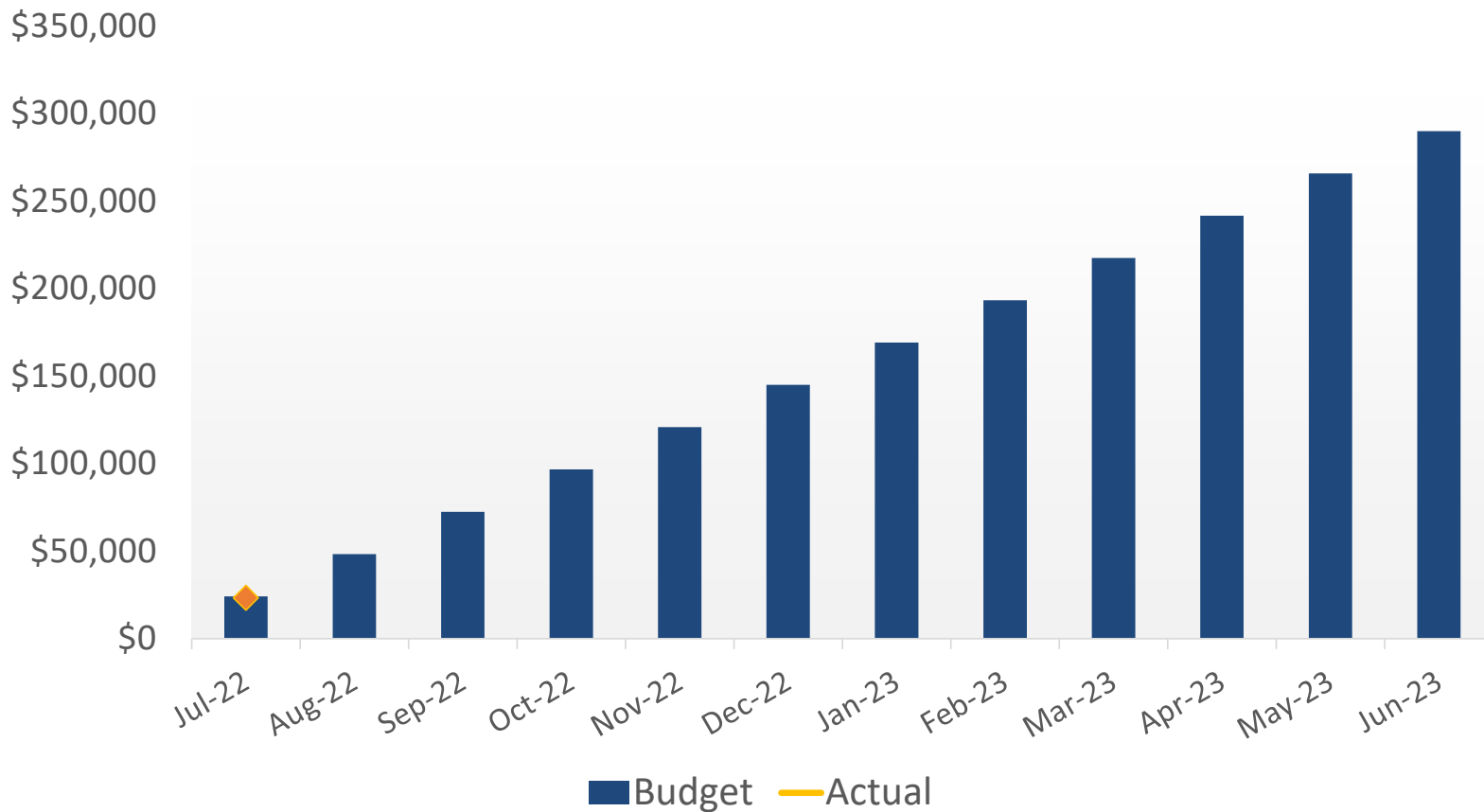
September 7, 2022

# CBGSA OUTSTANDING INVOICES

Task	Invoiced Through	Cumulative Total
Legal Counsel (Klein)	07/31/2022	\$18,759
Executive Director (HG)	07/31/2022	\$48,709
Technical Consultant (W&C)	07/31/2022	\$151,032
<b>TOTAL</b>		<b>\$218,500</b>

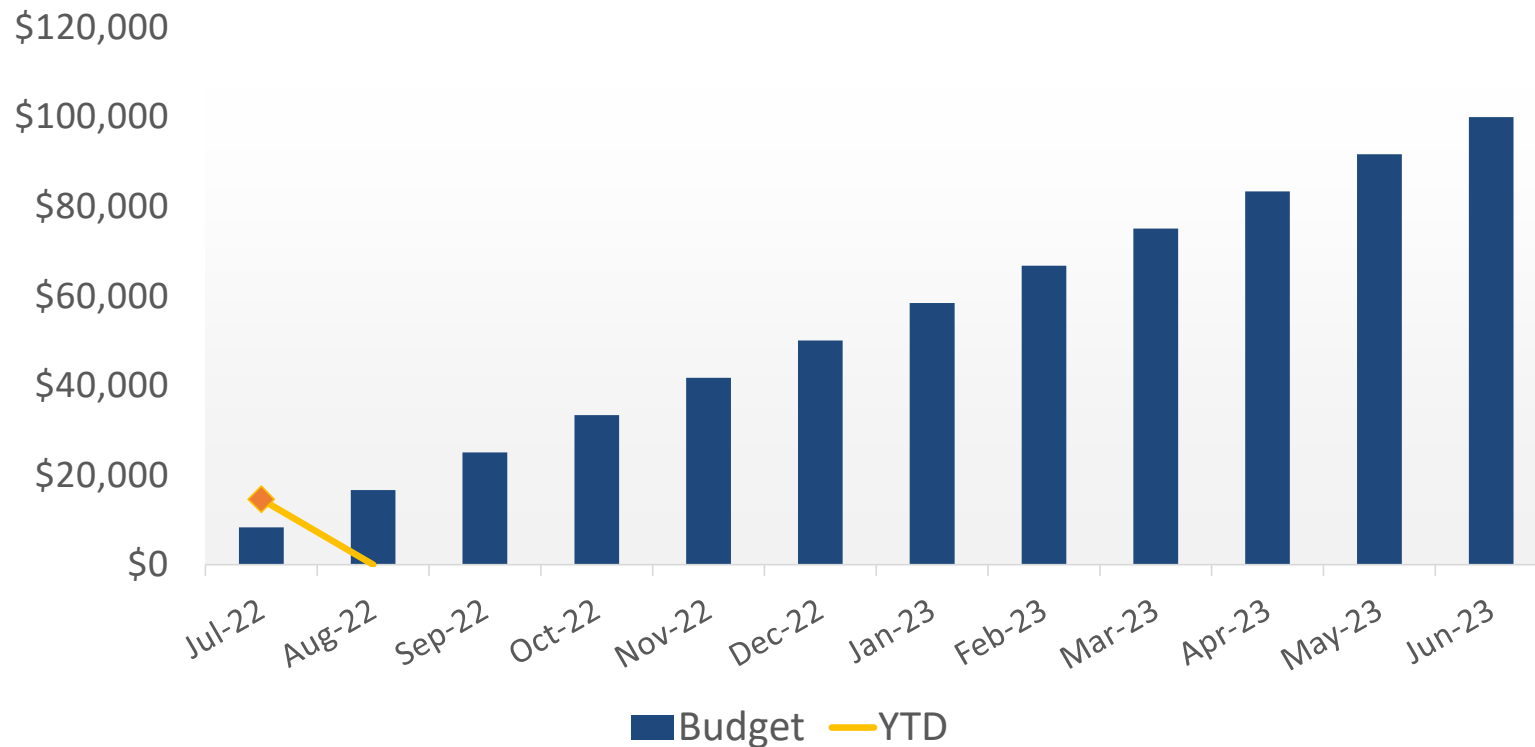
# Hallmark Group – Budget-to-Actuals

Task Order No. 8



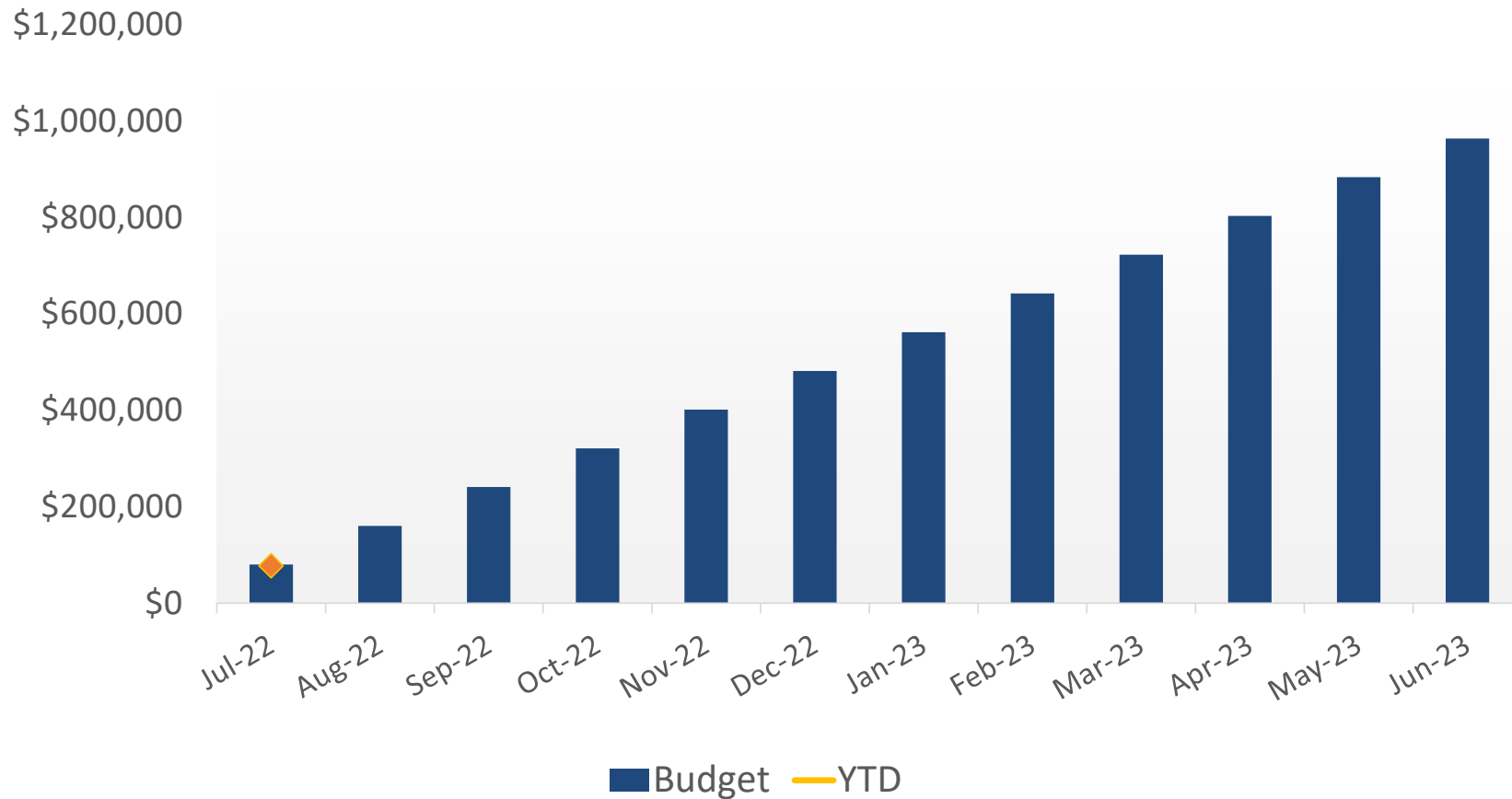
# Legal Counsel – Budget-to-Actuals

FY 22-23



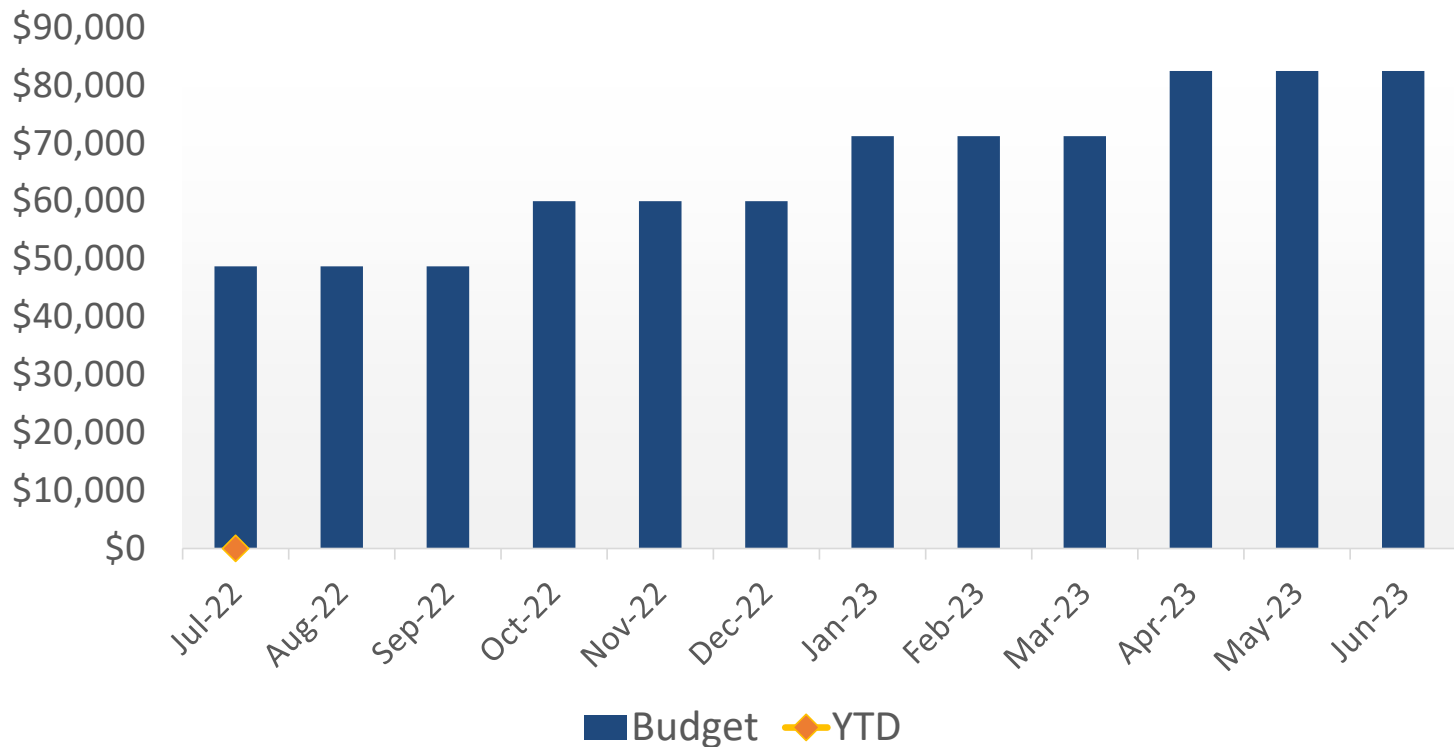
# Woodard & Curran – Budget-to-Actuals

Task Order No. 10

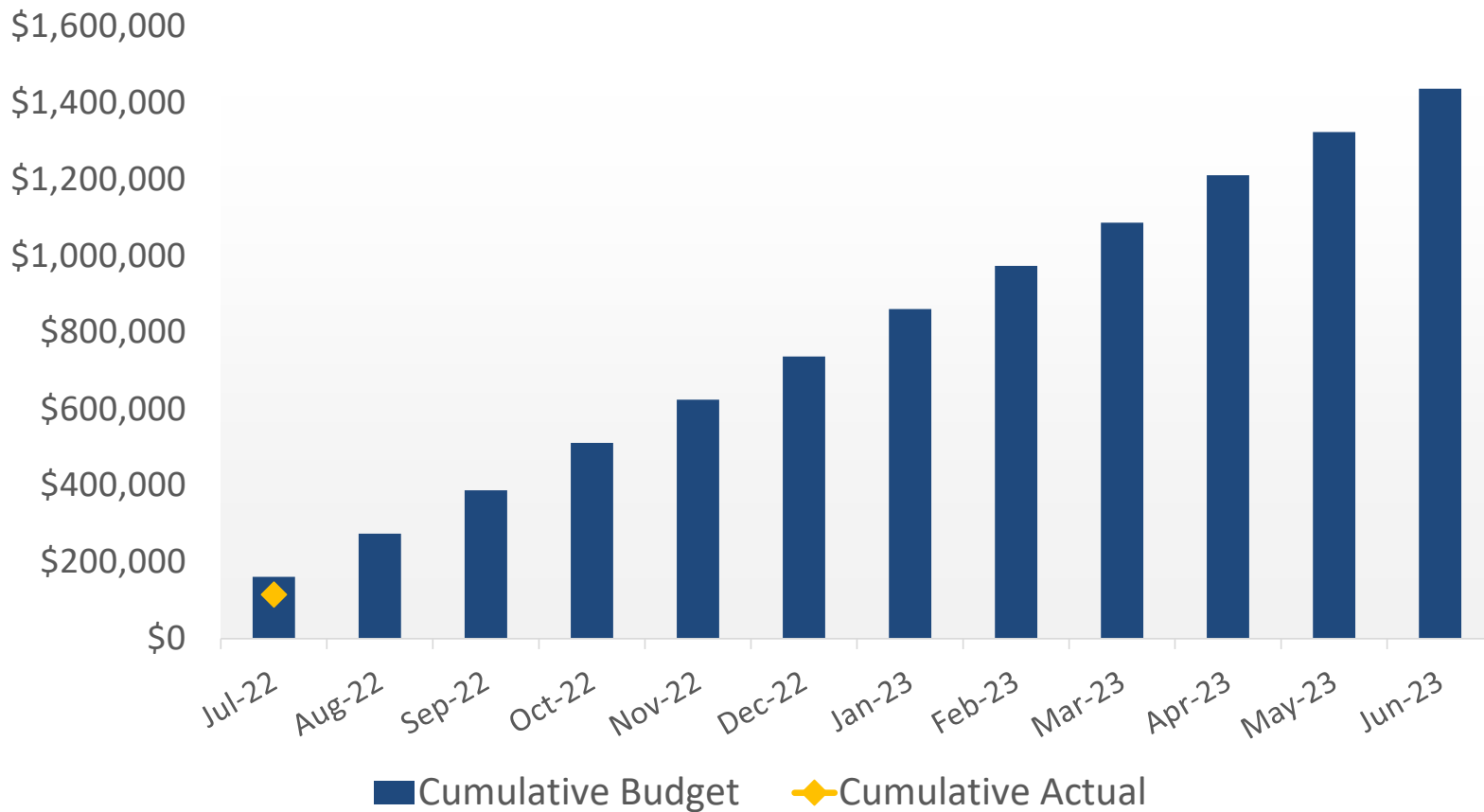


# Provost & Pritchard – Budget-to-Actuals

FY 22-23

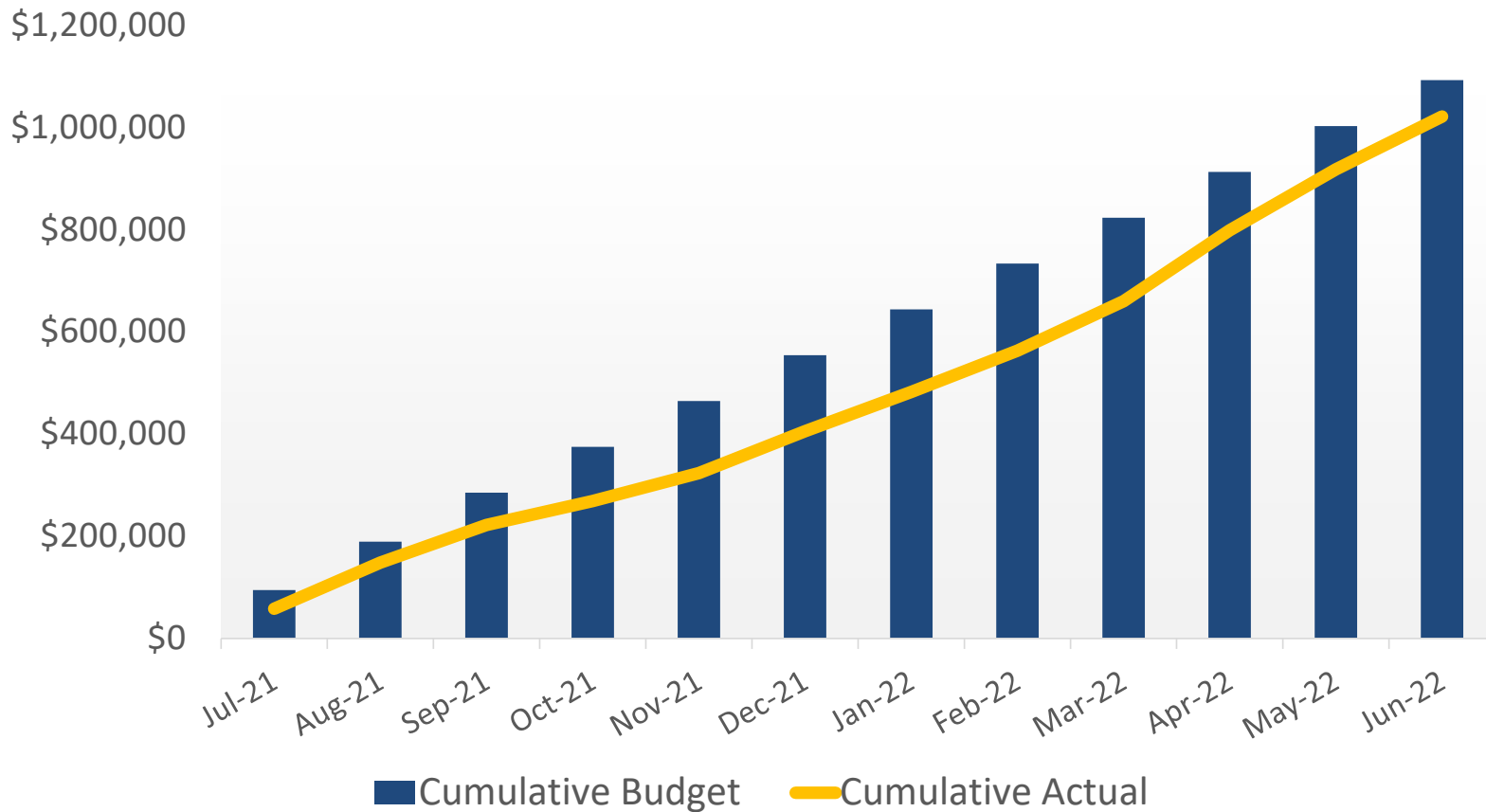


# CBGSA FY 22-23 – Budget-to-Actuals





# CBGSA FY 21-22 – Budget-to-Actuals





TO: Standing Advisory Committee  
Agenda Item No. 12c

FROM: Jim Beck / Taylor Blakslee

DATE: September 7, 2022

SUBJECT: Update on Public Workshop

**Recommended Motion**

None – informational only.

**Discussion**

The Cuyama Basin Groundwater Sustainability Agency (CBGSA) hosted an informational workshop for landowners on August 25, 2022, and a summary of the workshop is provided as Attachment 1.

Cuyama Basin Groundwater Sustainability Agency

12c. Update on Public Workshop

Taylor Blakslee

September 7, 2022





# 12c. Update on Public Workshop

- Public Workshop held on Thursday August 25, 2022
- Total Attendees: 60
  - *25 in-person*
  - *35 online*
- Discussed the following topics
  - SGMA/GSA Background
  - What has the GSA done
  - What GSA activities are planned
  - Landowner requirements
  - Adjudication update



TO: Board of Directors  
Agenda Item No. 13a

FROM: Brian Van Lienden, Woodard & Curran

DATE: September 7, 2022

SUBJECT: Update on Groundwater Sustainability Plan Activities

**Recommended Motion**

None – information only.

**Discussion**

Cuyama Basin Groundwater Sustainability Agency (CBGSA) Groundwater Sustainability Plan (GSP) activities and consultant Woodard & Curran's (W&C) accomplishments are provided as Attachment 1.



Cuyama Basin Groundwater Sustainability Agency

13a. Update on Groundwater Sustainability Plan Activities

Brian Van Lienden

September 7, 2022



# July-August Accomplishments

Brian Van Lienden

- ✓ Submitted revised GSP to DWR with changes made in response to DWR determination letter
- ✓ Performed water level trends analysis to support adaptive management process related to Basin sustainability criteria
- ✓ Performed technical analyses for management area implementation and non-reporting pumpers identification
- ✓ Developed approaches for implementation of DWR grant agreement tasks
- ✓ Prepared materials for and participated in Cuyama Basin public workshop





TO: Board of Directors  
Agenda Item No. 13b

FROM: Jim Beck / Brian Van Lienden

DATE: September 7, 2022

SUBJECT: Update on Adaptive Management Analysis

**Recommended Motion**

Board feedback requested.

**Discussion**

On May 4, 2022, the Cuyama Basin Groundwater Sustainability Agency Board provided direction to perform analyses to assess potentially adjusting the undesirable results criteria for the chronic lowering of groundwater levels and the lowering of minimum thresholds.

In discussions with the California Department of Water Resources' (DWR), they asked staff if groundwater levels throughout the basin would recover in average hydrologic years. The results from that analysis are provided as Attachment 1 for review.

The additional modeling analysis analyzing the glidepath and sustainable management criteria will be presented at the SAC and Board meetings on October 27, 2022 and November 2, 2022, respectively.



Cuyama Basin Groundwater Sustainability Agency

# 13b. Update on Adaptive Management Analysis

Jim Beck / Brian Van Lienden

September 7, 2022





# Board Direction at May & July Board Meetings

Brian Van Lienden

- Directed staff to perform analysis for options 3 [Revise (Lower) Minimum Thresholds] and 4 [Revise Undesirable Results Trigger (30% for 2-years)]
- The following steps were approved :
  - Perform well survey of all wells in Basin
  - Analyze water level trends at representative monitoring wells with respect to historical hydrology and groundwater extraction
  - CBWRM analysis to estimate future groundwater levels as pumping reductions are implemented following the glidepath (to be presented at Nov 2022 Board meeting)
  - GIS-based analysis to assess potential impacts to beneficial uses and users (to be presented at Nov 2022 Board meeting)

# Update on Well Survey

Brian Van Lienden

- Purpose: Perform well survey of all wells in the basin (including domestic/de minimis wells) to assist in determining if revisions to MTs are protective of those users
- Information requested:
  - Landowner information
  - Well location and construction information:
- Information is requested by September 30, 2022



# Water Level Trends Analysis

Brian Van Lienden

- Board Direction: Analyze water level trends at representative monitoring wells with respect to historical hydrology and groundwater extraction (DWR request).
  - Based on historical trends, would undesirable results be avoided under more favorable hydrogeologic conditions than have occurred since 2015?
  - Analysis to be completed for Sep 2022 Board meeting

# Water Level Trends Analysis - Approach

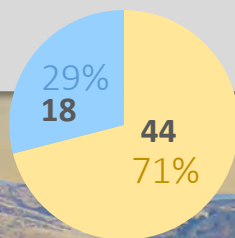
- Compile and summarize precipitation data for the Basin and subdivide periods as wet, or dry based on the cumulative departure from mean precipitation (CDMP) trends.
- Compile and summarize the groundwater production data obtained from the groundwater model for entire basin and evaluate those trends.
- Superimpose precipitation trends, production data, and groundwater level data for individual representative monitoring wells
- Evaluate, qualitatively, correlations among these datasets

# Precipitation Trends

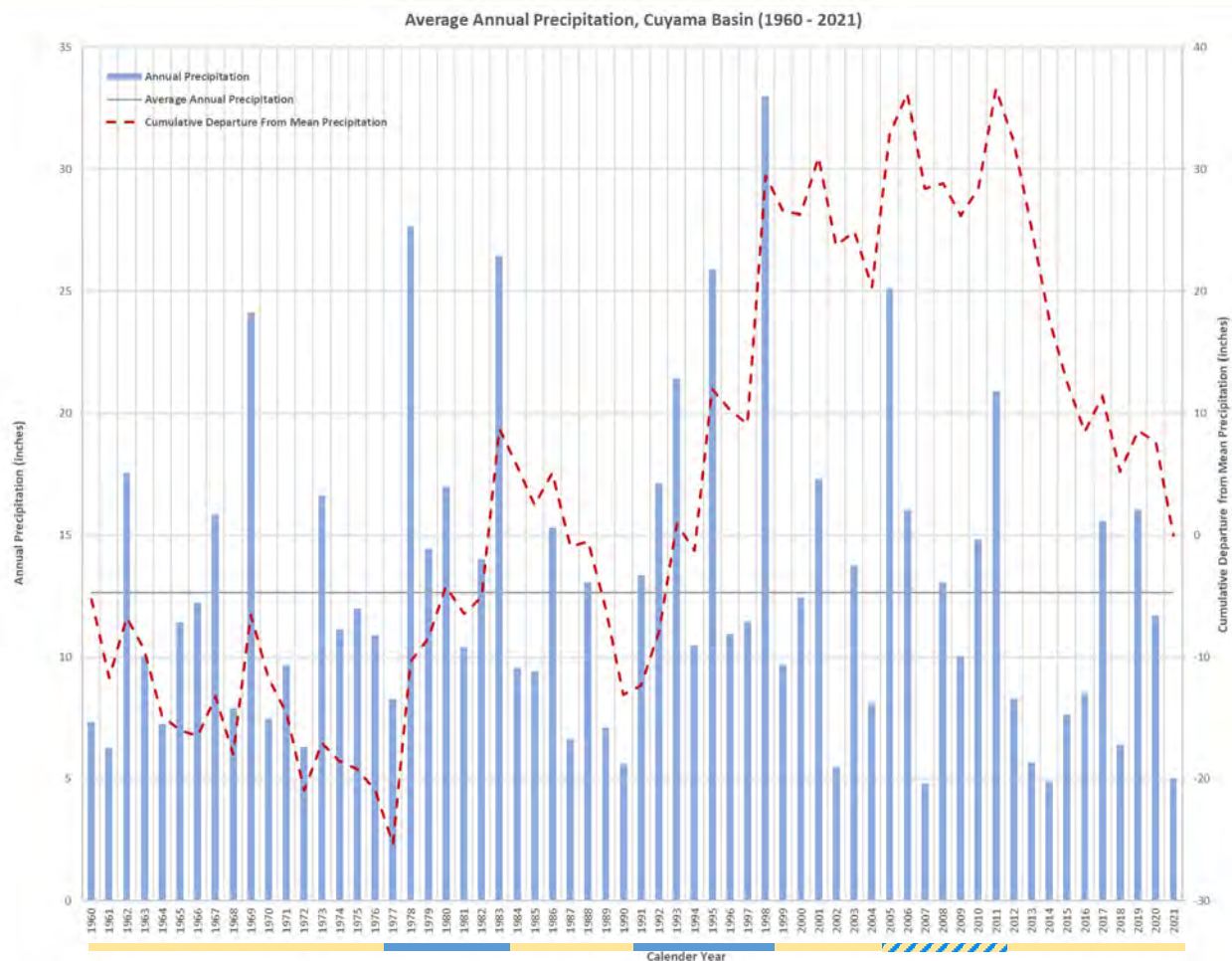
## Historical climatic periods:

- **1960-1976:** Predominantly **dry**
- **1977-1983:** Predominantly **wet**
- **1984-1990:** Predominantly **dry**
- **1991-1998:** Predominantly **wet**
- **1999-2004:** Predominantly **dry**
- **2005-2011:** Variable with alternating **dry** and **wet** periods
- **2012-2021:** Predominantly **dry**

Summary of Hydrologic Year Type  
1960-2021 (last 61 years)



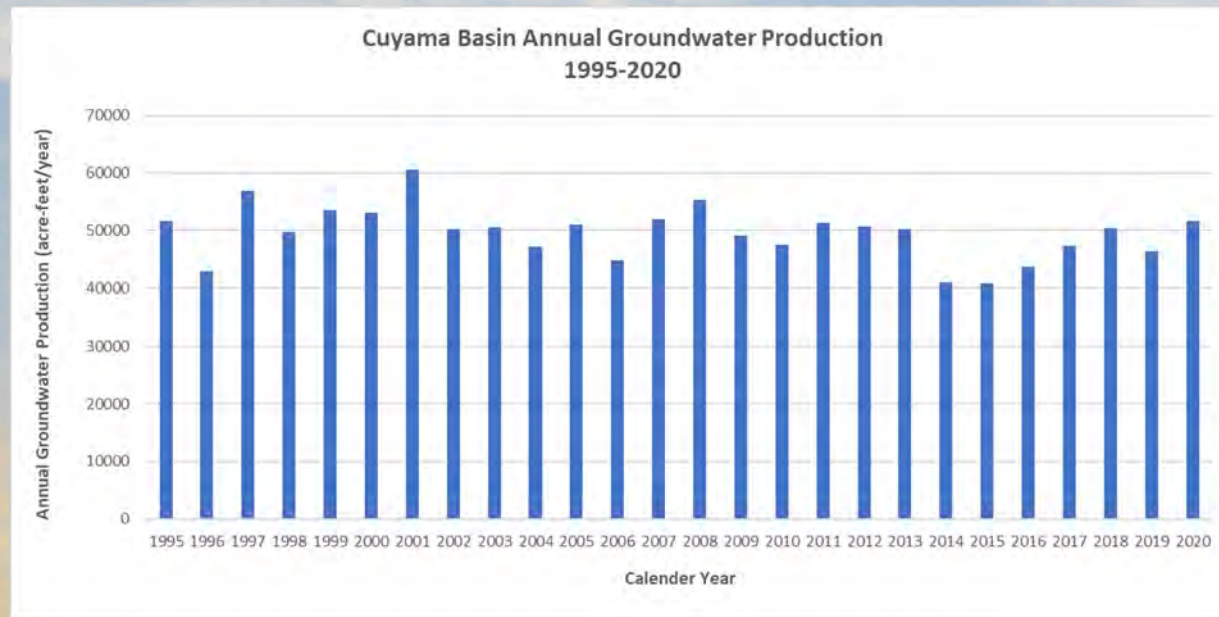
■ Dry ■ Wet





# Groundwater Production Trends

- Groundwater production was estimated using the CBWRM model
- Groundwater production is relatively stable from 1995-2020
- Wells in most regions with irrigation show groundwater level declines during recent dry period
- No wells were identified that had both long-term groundwater level records and localized changes in pumping



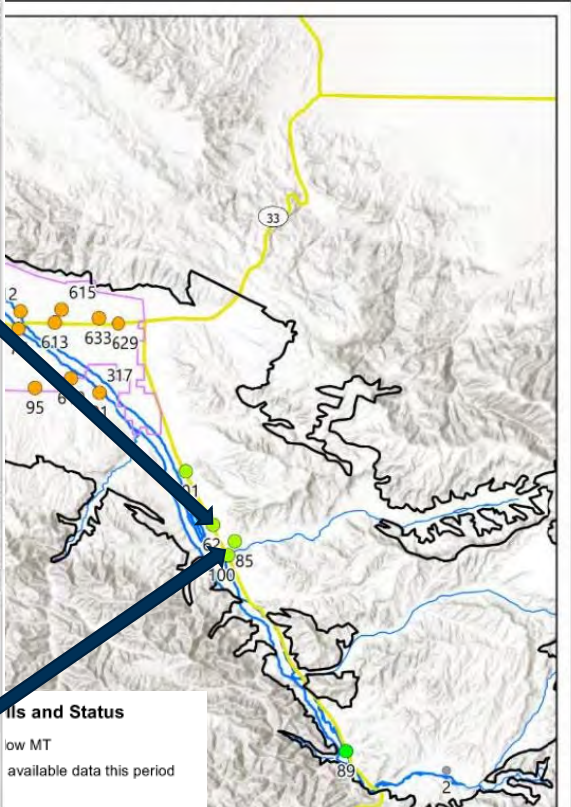
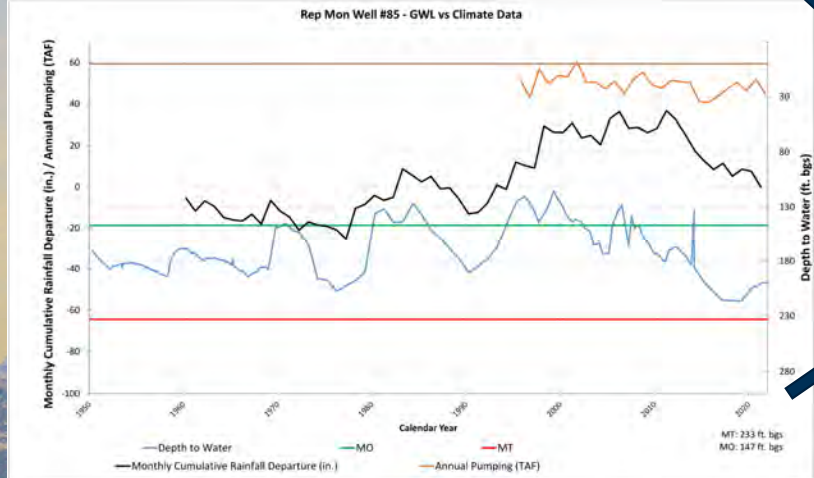
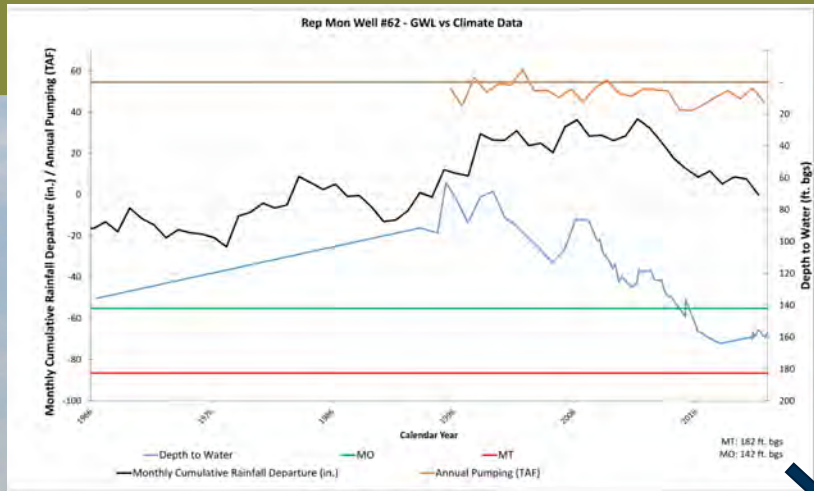
# Summary of Groundwater Level Trends in Different Climatic Periods

- 2012-2021 dry period:
  - 29 wells generally declining
  - 18 wells generally stable
  - 0 wells generally increasing
- 2005-2011 alternating wet-dry period:
  - 21 wells generally declining
  - 10 wells generally stable
  - 1 well generally increasing
- 1991-98 wet period
  - 3 wells generally declining
  - 7 wells generally stable
  - 2 wells generally increasing



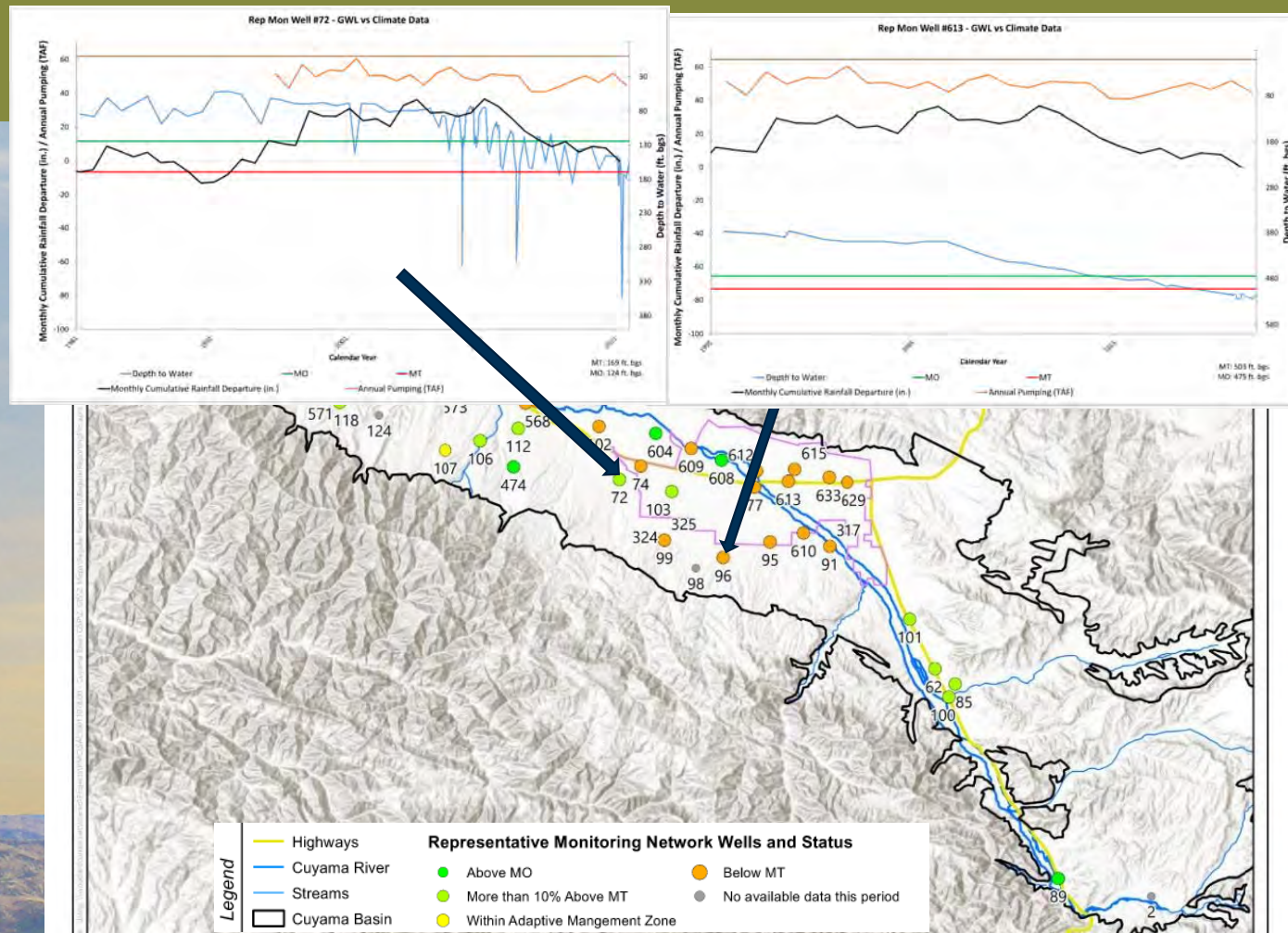
# Groundwater Level Trends – Southeast of Santa Barbara Canyon Fault

- 2012-2021 dry period:
  - 4 wells generally declining
  - 2 wells generally stable
- 1991-98 wet period
  - Both wells with historical data (62 and 85) are generally increasing
- Wells in this region show a correlation with precipitation



# Groundwater Level Trends – Central Region

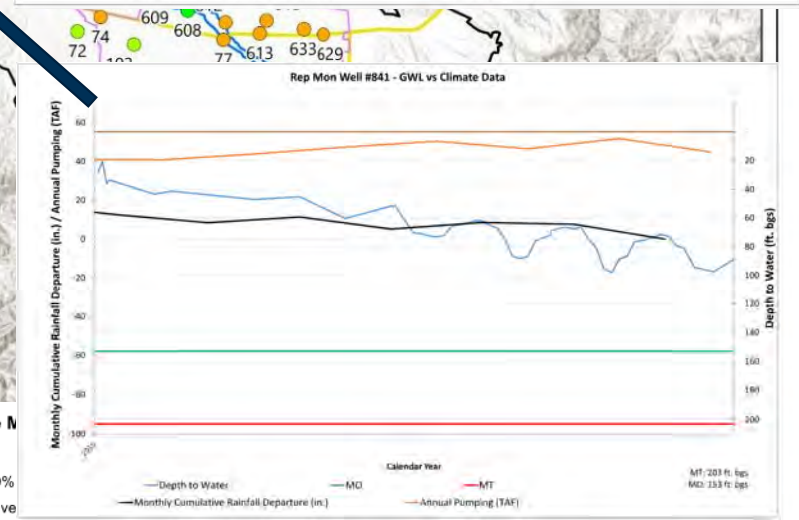
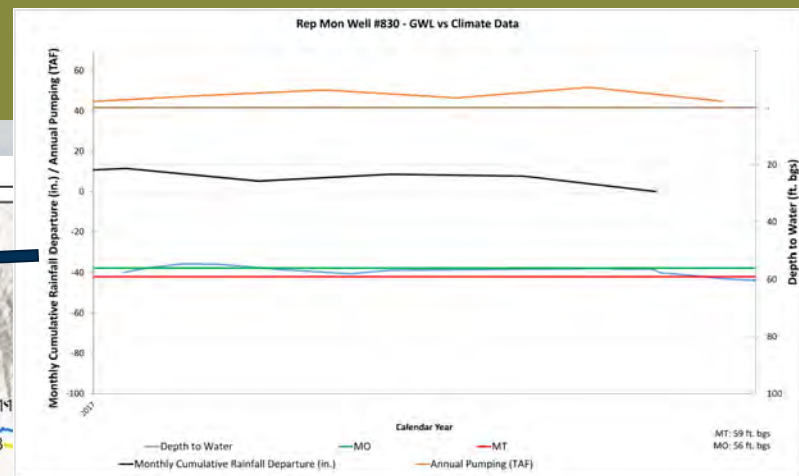
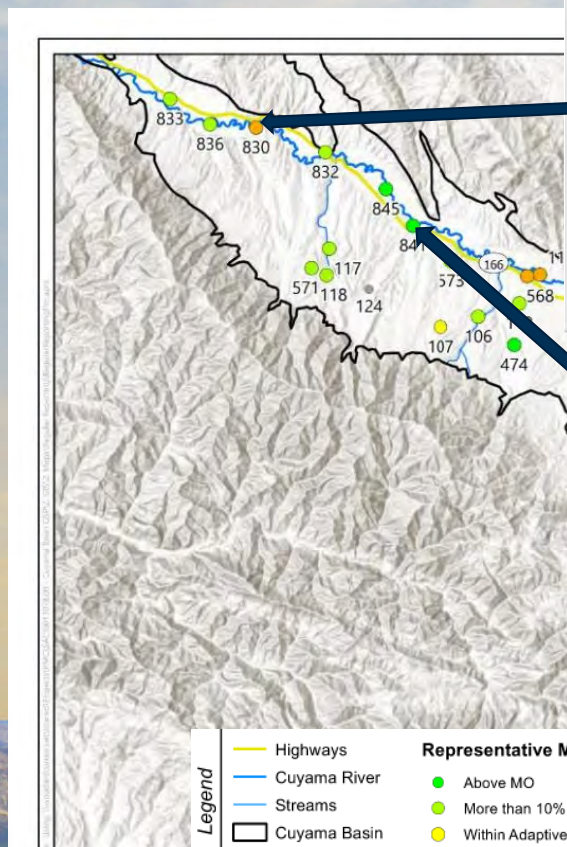
- 2012-2021 dry period:
  - 23 wells generally declining
  - 11 wells generally stable
- 1991-98 wet period
  - 3 wells generally declining
    - all also were generally declining in 2012-2021
  - 6 wells generally stable
    - 5 were generally declining in 2012-2021
- Wells in this region show some correlation with precipitation





# Groundwater Level Trends – West of Russell Fault

- 2012-2021 dry period:
  - 2 wells generally declining
  - 5 wells generally stable
- None of the wells in this region have measurements going back to historical wet periods
- Therefore, it is not clear the extent to which groundwater levels would improve under wetter conditions



# Conclusions / Recommendation

- Analysis shows correlation of aquifer recovery with wet years in the area southeast of Santa Barbara Canyon Fault (Ventucopa area)
- Data gaps in historical water level data in the area west of the Russel Fault, and inconclusive correlation of groundwater level recovery in the Central region and wet periods
- Recommend consider this analysis in the context of the glidepath modeling analysis to be presented on October 27, 2022, and November 2, 2022



TO: Standing Advisory Committee  
Agenda Item No. 13c

FROM: Jim Beck / Joe Hughes

DATE: September 7, 2022

SUBJECT: Report on Variance Request for the Central Management Area Allocations

**Recommended Motion**

None – information only.

**Discussion**

On July 6, 2022, the Cuyama Basin Groundwater Sustainability Agency adopted a variance process for 2023 and 2024 Central Management Area water allocations. Variance Request Forms were due September 1, 2022 and a list of the Variance request forms received are listed below.

1. Jason M. & Mary Jo Harrington Revocable Living Trust (Harrington)
2. David G. Lewis
3. Slumskie Family Trust
4. WM. BOLTHOUSE FARMS, INC. / BOLTHOUSE LAND COMPANY, LLC
5. Hoekstra Family Trust 5/6/99 (Cuyama Dairy Farm)
6. Grimmway Enterprises, Inc.
7. Kern Ridge Growers LLC
8. Sunrise Ranch Properties LLC



TO: Board of Directors  
Agenda Item No. 13d

FROM: Jim Beck / Brian Van Lienden

DATE: September 7, 2022

SUBJECT: Update on Effort to Identify Potential Non-Reporting Pumpers

**Recommended Motion**

Board feedback requested.

**Discussion**

On March 2, 2022, the Cuyama Basin Groundwater Sustainability Agency (CBGSA) Board directed staff to develop a strategy to identify potential non-reporting pumpers. An ad hoc was appointed and met on June 6, 2022, to develop a strategy which was presented to the Board on July 6, 2022.

On August 17, 2022, the ad hoc met to review the staff analysis which is provided as Attachment 1.



Cuyama Basin Groundwater Sustainability Agency

# 13d. Update on Effort to Identify Potential Non-Reporting Pumpers

Jim Beck / Brian Van Lienden

**September 7, 2022**





# Background

- On May 4, 2022, the Board directed staff to develop a plan to investigate potential non-reporting pumpers
- An ad hoc was set (Directors Anselm and Vickery) and met on June 6, 2022
- The following process was reviewed with the ad hoc and staff is performing the analysis

# Approach to Identify Potential Unknown Pumpers

Status	No.	Task
✓	1.0	Compile and QA/QC APNs that were reported by water users to be irrigated in 2021 (from the 2021 groundwater extraction fee process)
✓	2.0	Determine which parcels have irrigated acreage by overlaying GIS layers of parcels and irrigated acres (irrigated acres data from 2019 DWR and 2021 landowner-reported cropping data)
✓	3.0	Use lists of irrigated parcels from parts (a) and (b) above to generate a list of parcels that are potentially irrigated but have not been reported by Cuyama landowners
<i>In progress</i>	3.1	QA/QC results (desktop analysis)
		<i>For potential non-reporting parcels:</i>
	4.1	Identity landowner
	4.2	Communicate with landowner to confirm that parcel is actually irrigated and if so, communicate CBGSA Board policies including extraction fee, meter requirement, etc.
	4.2.1	Determine contact info with local landowners/CBWD, direct mailing to parcel address, field visit (P&P or other staff), fees on tax roll
	4.2.2	Board to consider back fees, penalties and meter compliance hearing (if applicable)



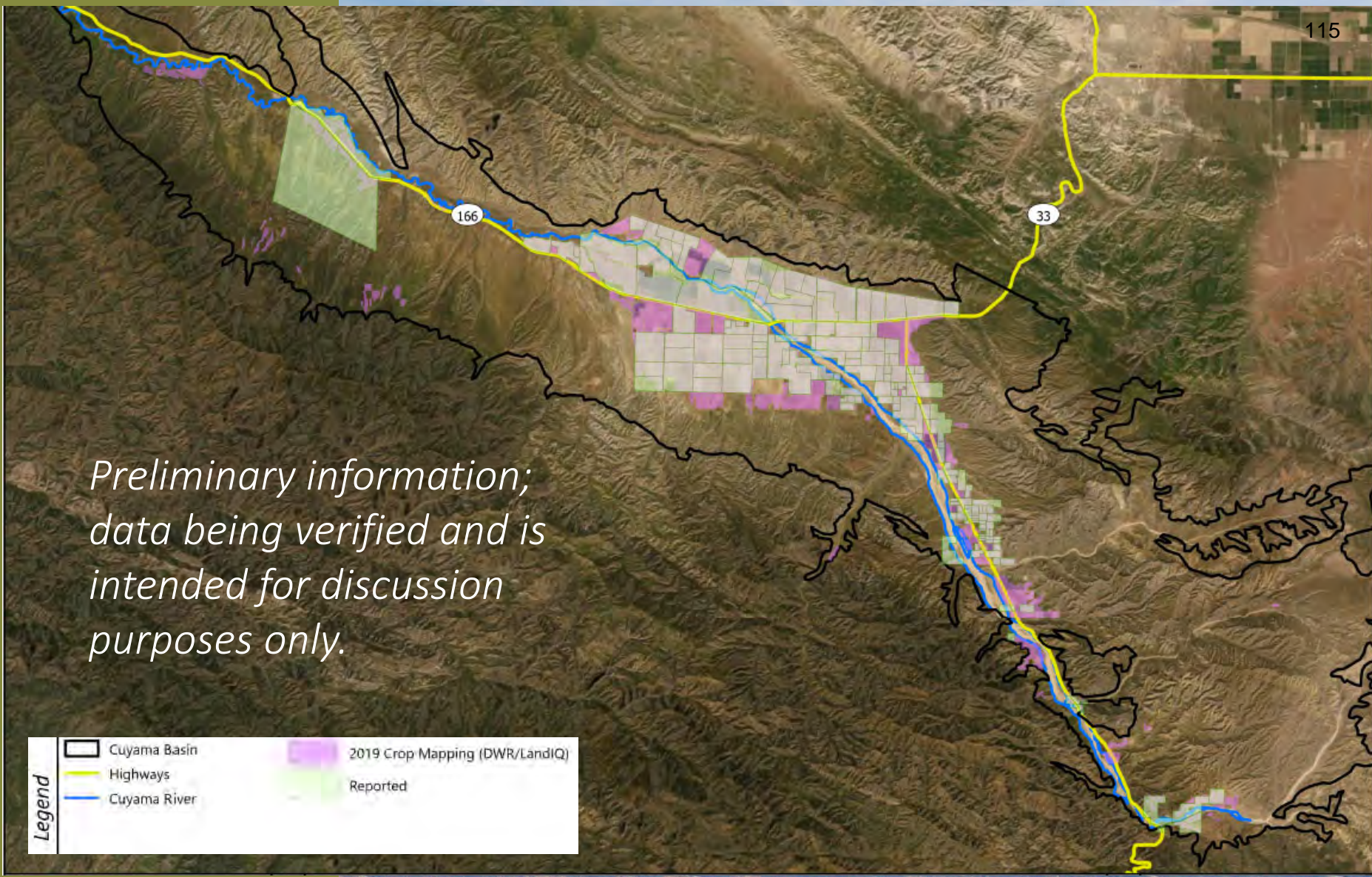
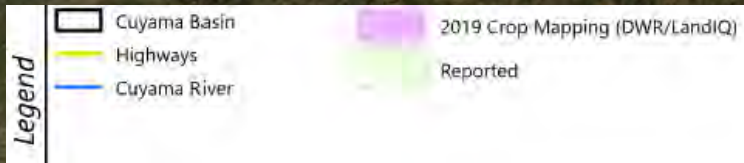
# Quality Assurance / Quality Control Process

- Staff is currently verifying the following:
  - Fallowed lands
  - Un-reporting due to land ownership changes
  - Mis-reported irrigated APNs from landowner in 2021



Irrigated Lands: 2021 User-Reported  
vs. 2019 DWR Data Set

*Preliminary information;  
data being verified and is  
intended for discussion  
purposes only.*





# Next Steps

Status	No.	Task
✓	1.0	Compile and QA/QC APNs that were reported by water users to be irrigated in 2021 (from the 2021 groundwater extraction fee process)
✓	2.0	Determine which parcels have irrigated acreage by overlaying GIS layers of parcels and irrigated acres (irrigated acres data from 2019 DWR and 2021 landowner-reported cropping data)
✓	3.0	Use lists of irrigated parcels from parts (a) and (b) above to generate a list of parcels that are potentially irrigated but have not been reported by Cuyama landowners
<i>In progress</i>	3.1	QA/QC results (desktop analysis)
		<i>For potential non-reporting parcels:</i>
	<b>4.1</b>	<b>Identity landowner</b>
	<b>4.2</b>	<b>Communicate with landowner to confirm that parcel is actually irrigated and if so, communicate CBGSA Board policies including extraction fee, meter requirement, etc.</b>
	<b>4.2.1</b>	<b>Determine contact info with local landowners/CBWD, direct mailing to parcel address, field visit (P&amp;P or other staff), fees on tax roll</b>
	<b>4.2.2</b>	<b>Board to consider back fees, penalties and meter compliance hearing (if applicable)</b>



TO: Board of Directors  
Agenda Item No. 13e

FROM: Brian Van Lienden, Woodard & Curran

DATE: September 7, 2022

SUBJECT: Update on Implementation of Grant-Funded Projects

**Recommended Motion**

Board feedback requested.

**Discussion**

To plan for current fiscal year (July 1, 2022 through June 30, 2023) implementation of the recently awarded \$7.6 million Sustainable Groundwater Management grant, an ad hoc was appointed and met on August 23, 2022, to provide specific recommendations on planned grant components for the current fiscal year.

A summary of the planned grant components for the current fiscal year, and the ad hoc's recommendations are provided as Attachment 1 for Board review.



# 13e. Update on Implementation of Grant-Funded Projects


Jim Beck / Brian Van Lienden

September 7, 2022





# Grant Funding - 2021 SGMA Implementation Round 1 Grant Award

- Purpose: Support implementation of GSP to achieve sustainability with investments in groundwater recharge
- **\$7,600,000 ÷ 3 years**
- Grant Period of Performance: 
- Grant funded tasks:
  1. Grant Administration
  2. Perform Monitoring and Monitoring Network Enhancements
  3. Project and management Action Implementation
  4. GSP Implementation, Outreach, and Compliance Activities
  5. Improve Understanding of Basin Water Use

# Grant Year 1: Major 2022/23 Grant Tasks

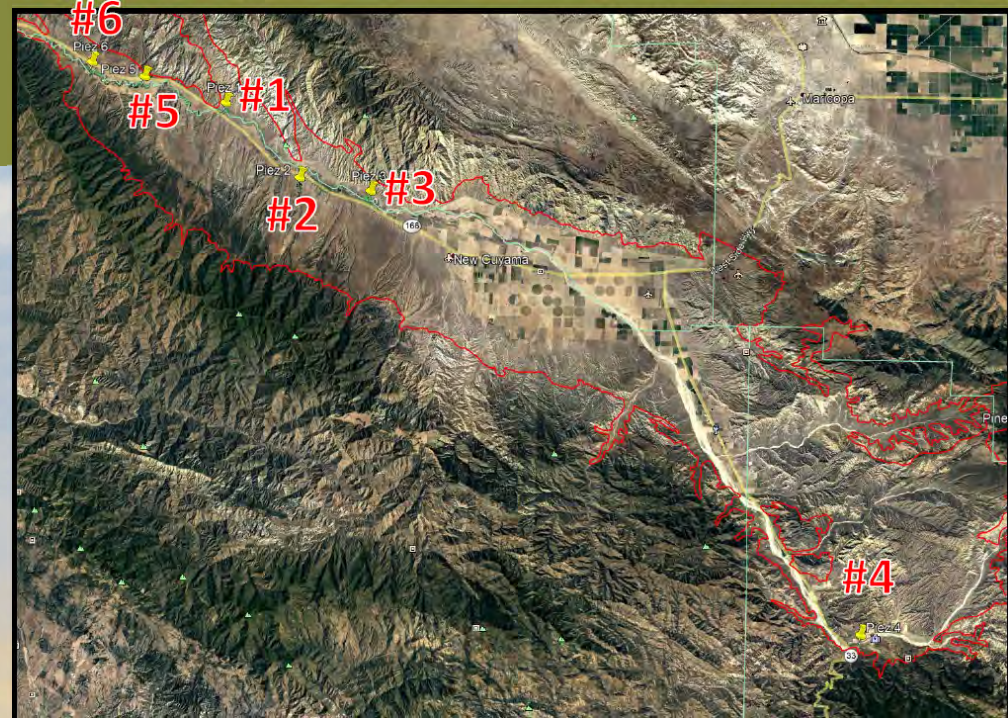
## Major Tasks to start this year:

- Installation of Piezometers
- Installation of Monitoring Wells
- Updated land use survey
- River channel survey
- CIMIS/weather station installation
- Precipitation enhancement feasibility study



# Piezometers

- **Objective**
  - Monitoring shallow groundwater levels near mapped occurrences of potential GDEs by installing a minimum of four (4) piezometers about 50-100 feet deep (small diameter)
- **Grant Funding**
  - Available funding: \$210,000
- **Next Steps**
  - Identify and contact landowners
  - Touch base with North Fork Vineyards
- **Ad hoc Recommendation**
  - Agree with approach



Finalize Locations

CEQA

Procurement

Installation

Q3, 2022

Q4, 2022

Q1, 2023

Q2, 2023

Q3, 2023

Q4, 2023



# Monitoring Wells

## Objective

- Refinement of existing groundwater level monitoring network by installing a minimum of four (4) multi-level monitoring wells (3 casings each) with an average depth of ~750 ft

## Grant Funding

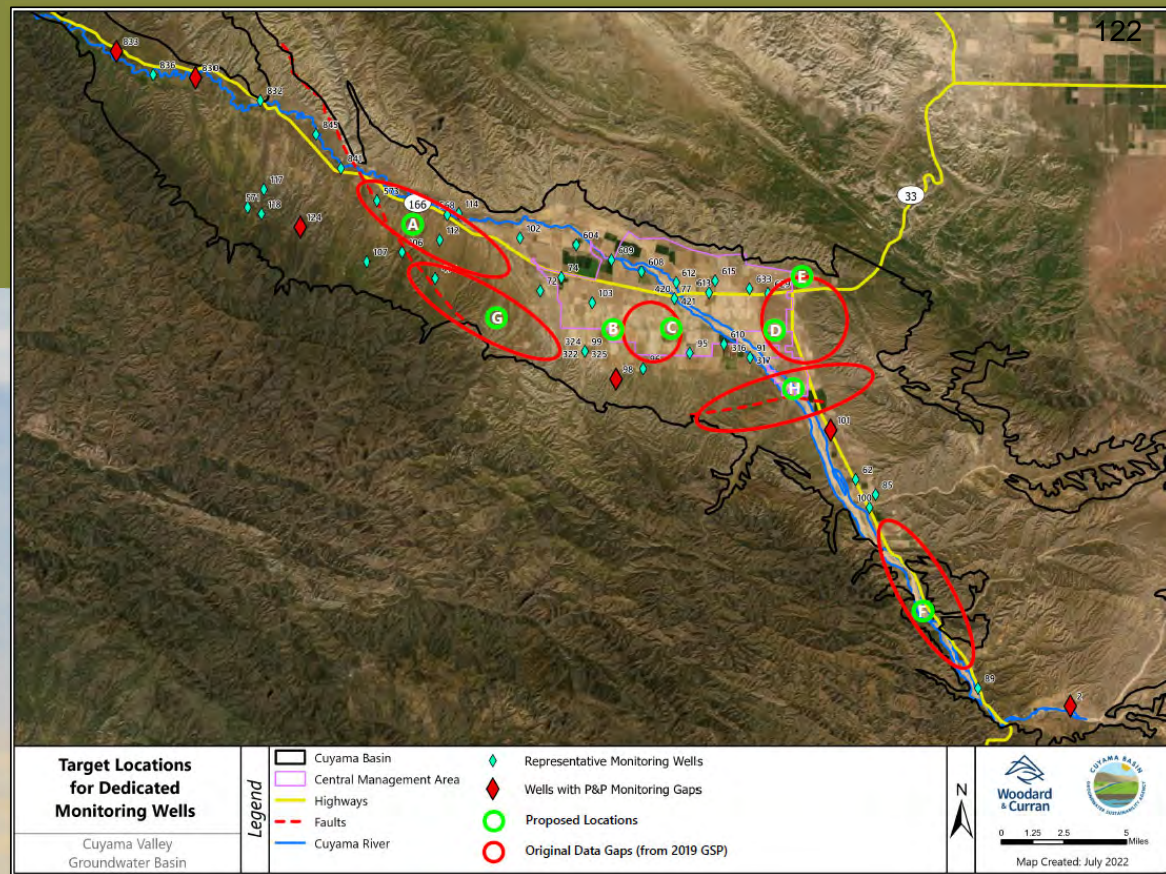
- Available funding: \$2,415,000

## Next Steps

- Staff to prioritize well locations
- Identify and contact landowners
- Confirm ability to pump test in SBCF area
- Develop RFP and bid

## Ad hoc Recommendation

- Agree with approach
- Prioritize wells in “F” and “H” areas



Finalize Locations

CEQA

Procurement

Installation

Q3, 2022

Q4, 2022

Q1, 2023

Q2, 2023

Q3, 2023

Q4, 2023



# CIMIS/Weather Stations

## Objective

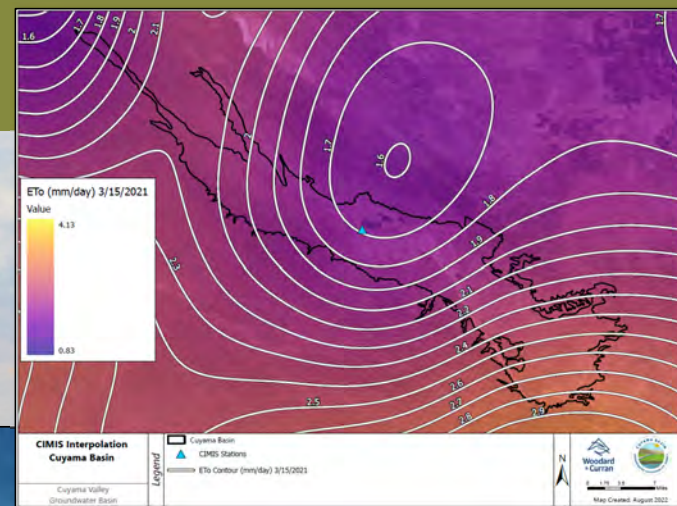
- Improve estimates of reference evapotranspiration in the model and expand spatial coverage of reference evapotranspiration across the basin

## Grant funding

- Enhance the existing CIMIS station
- Installation of a minimum of two (2) additional CIMIS stations
- Available funding: \$80,000

## Schedule

- Finalize locations: Q3 2022
- CEQA: Q4 2023
- Procurement: Q1 2023
- Installation: Q2 2023





# CIMIS/Weather Stations

## Facilities

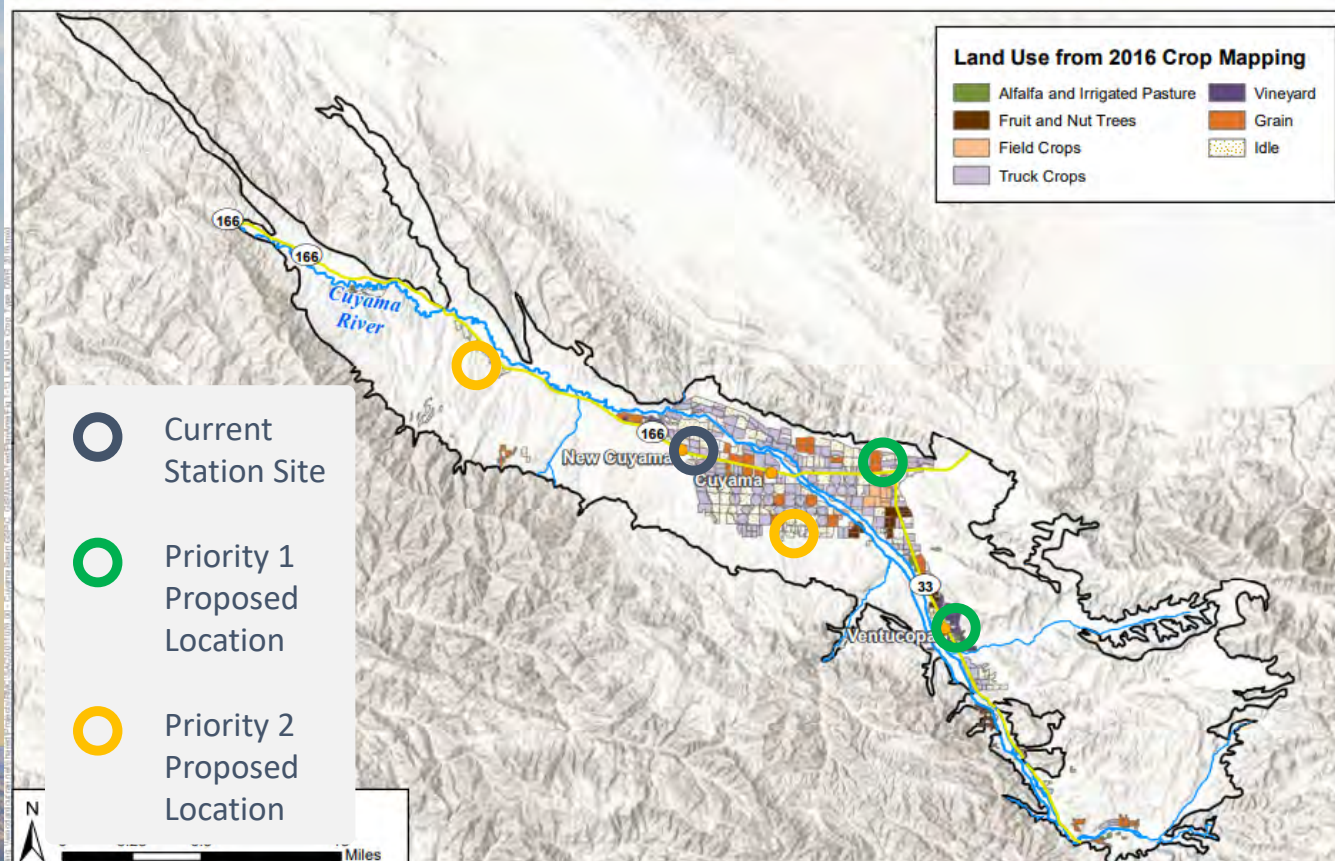
- Standard DWR CIMIS instruments
- Site requirements include 20-acre or larger pasture with 10'x10' fenced enclosure; grass in the enclosure needs to be maintained

## Next Steps

- Discuss possibility of moving existing station with DWR
- Develop landowner request sheet (power, water, mowing, etc.) and identify landowners in priority 1 zones

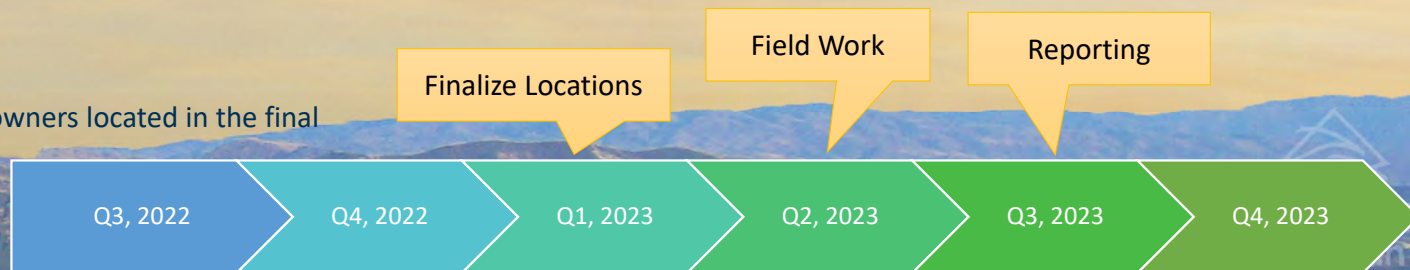
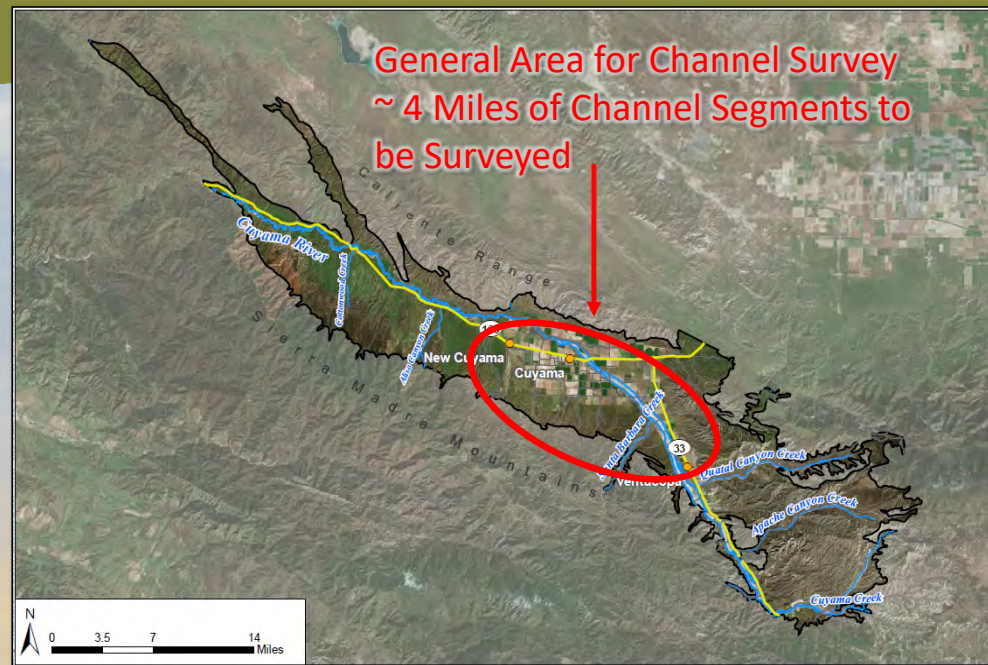
## Ad hoc Recommendation

- Agree with general approach and locations



# River Channel Survey

- **Objective**
  - Improve understanding of river channel geometry to improve estimates of stream seepage in the GW model by surveying a minimum of four (4) miles of the river channel using drone flight for photogrammetry, ~0.5 foot accuracy
- **Grant Funding**
  - Available funding: \$45,000
- **Next Steps**
  - Staff to coordinate with modeling team identify the critical channel segments for surveying
  - Evaluate access needs constraints and contact landowners along flight path (if needed)
  - Develop mailer and determine area to notice
- **Ad hoc Recommendation**
  - Agree with approach
  - Mail notice of drone survey to landowners located in the final survey images





# Update Land Use Data

## Objective

- Develop basin-wide land use dataset water years 2020-2024 to better understand current and cyclical land use trends, as well as to improve estimation of water use in the Basin (including semiannual in-field verification)
- Updates to historical cropping data for 1996-2019

## Grant Funding

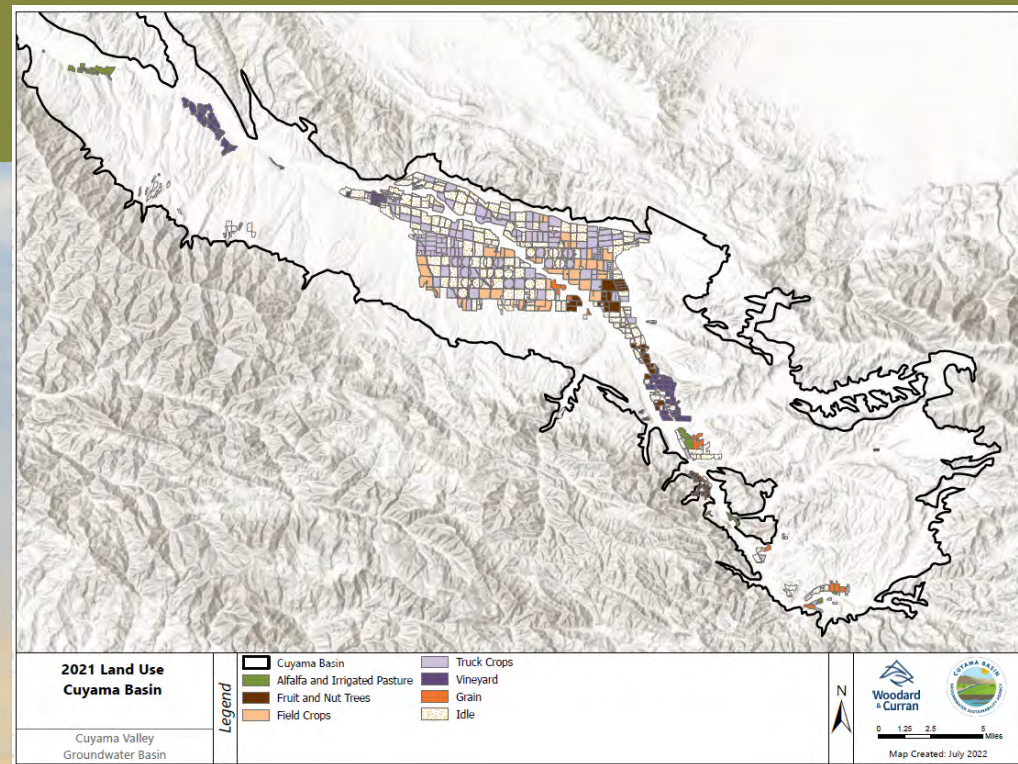
- Available funding: \$30,000
- Estimated costs from Land IQ: \$30,750

## Next Steps

- Execute contract with Land IQ
- Land use estimates to be provided by Land IQ in late 2022 for use in Annual Report

## Ad hoc Recommendation

- Agree with general approach



Reporting of WY  
2020-22 data

Q3, 2022

Q4, 2022

Q1, 2023

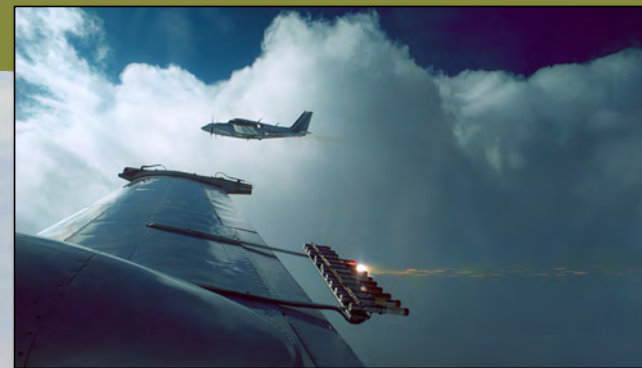
Q2, 2023

Q3, 2023

Q4, 2023

# Precipitation Enhancement Studies

- **Objective**
  - Perform technical analysis to improve understanding of precipitation enhancement feasibility and potential effectiveness in the Basin including benefits and costs
- **Grant Funding**
  - Available funding: \$30,000
- **Next Steps**
  - Assemble available research and case studies
  - Develop refined technical data and costs
- **Ad hoc Recommendation**
  - Agree with general approach
  - Need a project go/no-go decision from effort



Assemble Research and Case Studies

Perform technical analysis

Report to Ad-Hoc

Q3, 2022

Q4, 2022

Q1, 2023

Q2, 2023

Q3, 2023

Q4, 2023



TO: Board of Directors  
Agenda Item No. 13f

FROM: Brian Van Lienden, Woodard & Curran

DATE: September 7, 2022

SUBJECT: Schedule for Fiscal Year 2023-2024 Model Update

**Recommended Motion**

None – information only.

**Discussion**

An update on the schedule for the Fiscal Year 2023-2024 model update is provided as Attachment 1.



Cuyama Basin Groundwater Sustainability Agency

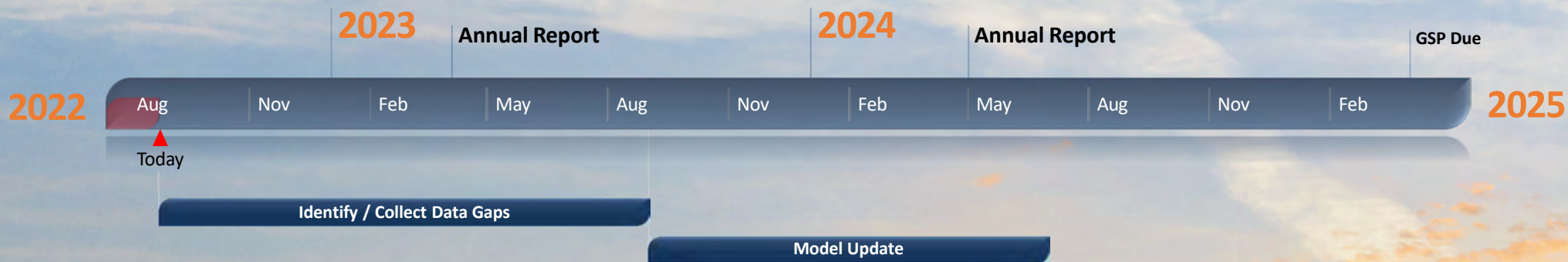
# 13f. Schedule for Fiscal year 2023-2024 Model Update

Brian Van Lienden

**September 7, 2022**



# Model Update Schedule



## Data to Include in the Next Model Update:

- AEM
- USGS stream gauge data
- Metered data
- Unknown pumpers data
- River channel survey
- CIMIS station data
- Incorporate irrigation water from springs
- Land use data (irrigation, springs, etc.)
- Other?





TO: Board of Directors  
Agenda Item No. 13g

FROM: Brian Van Lienden, Woodard & Curran

DATE: September 7, 2022

SUBJECT: Update on Monitoring Network Implementation

**Recommended Motion**

None – information only.

**Discussion**

An update regarding the monitoring network implementation is provided as Attachment 1.

Cuyama Basin Groundwater Sustainability Agency

13g. Update on Monitoring Network Implementation

Brian Van Lienden

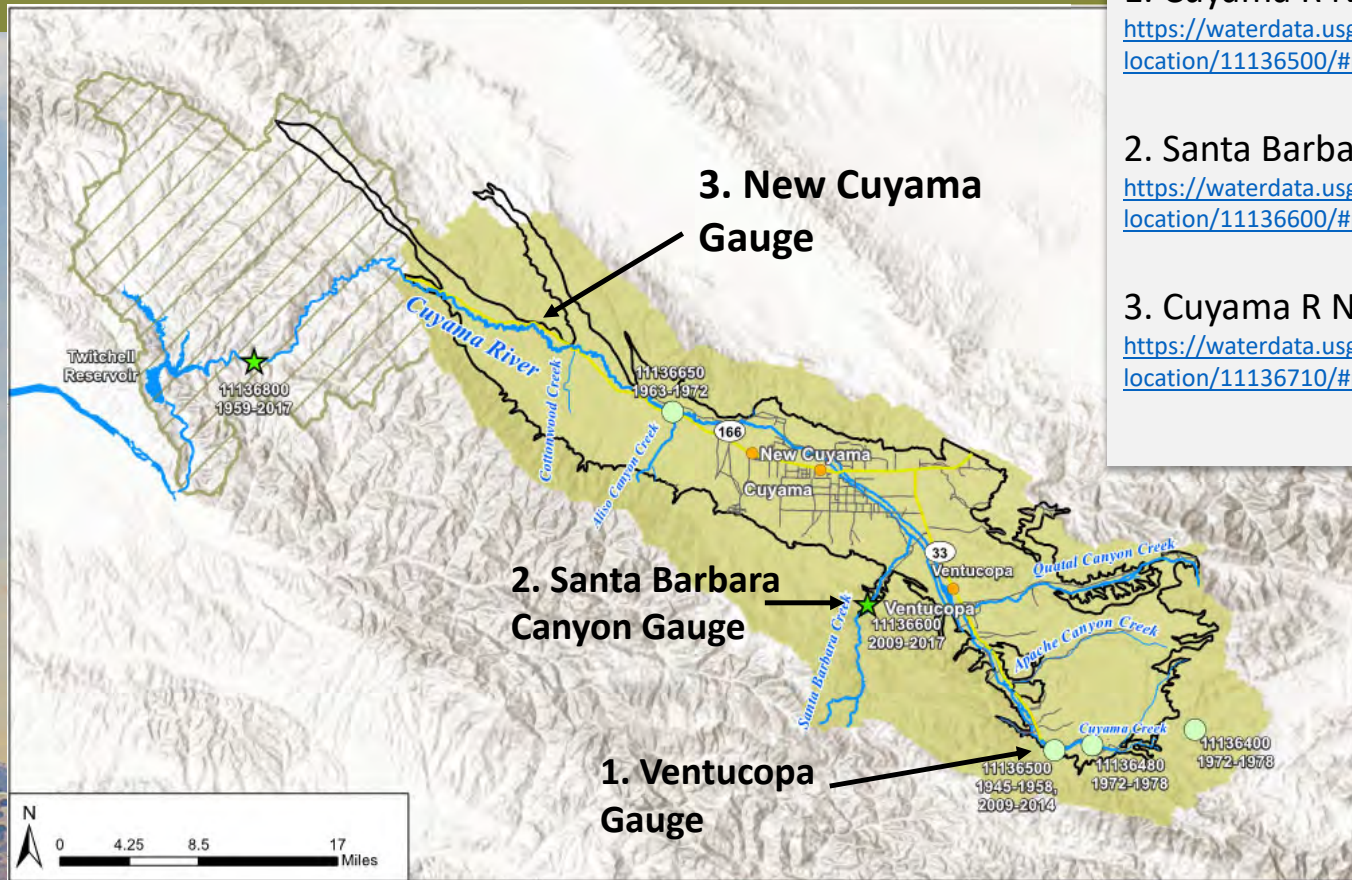
September 7, 2022





# Stream Gauge Locations

Brian Van Lienden



## USGS DATA

### 1. Cuyama R NR Ventucopa

<https://waterdata.usgs.gov/monitoring-location/11136500/#parameterCode=00060&period=P365D>

### 2. Santa Barbara CYN C NR Ventucopa

<https://waterdata.usgs.gov/monitoring-location/11136600/#parameterCode=00060&period=P365D>

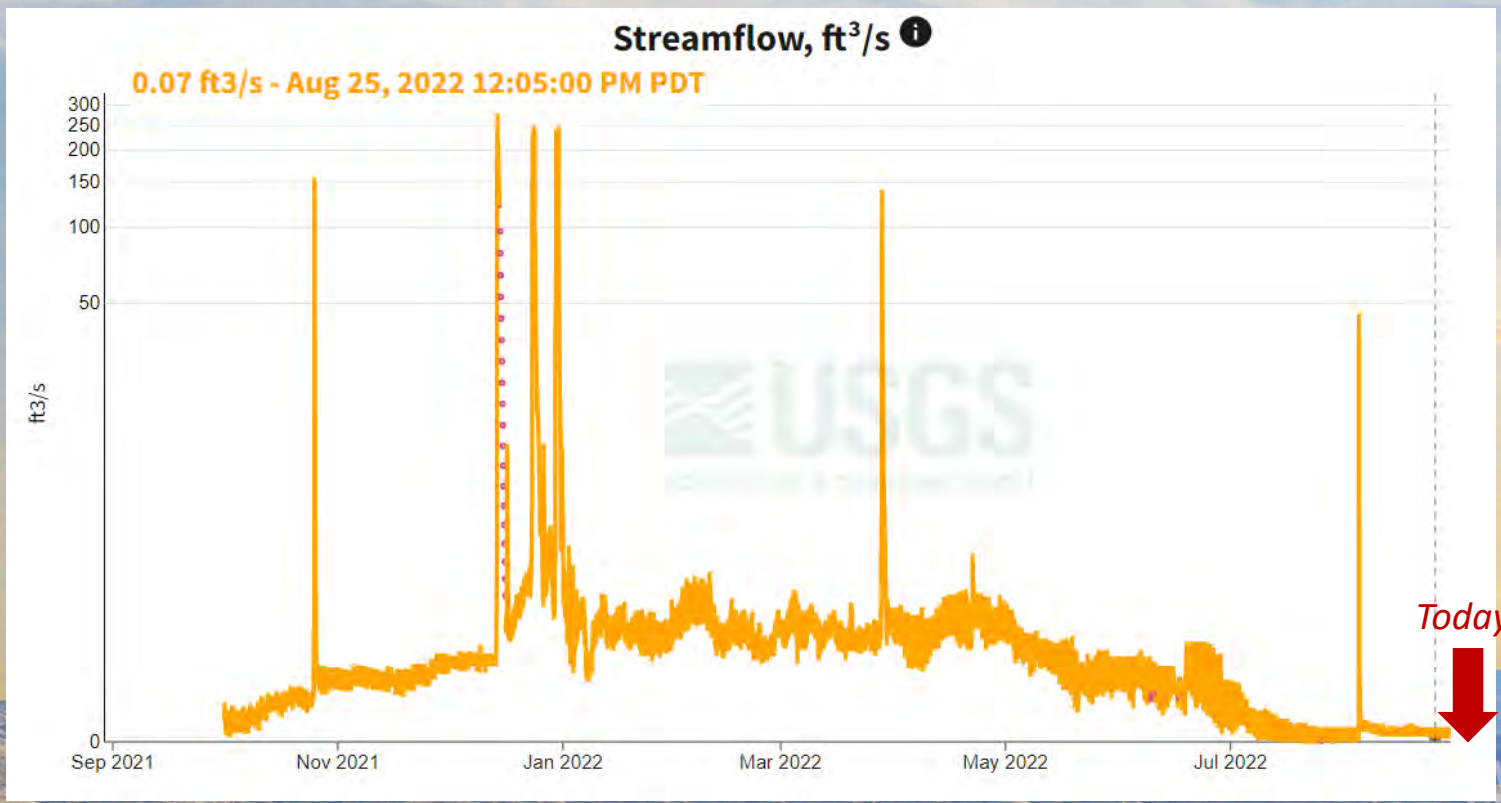
### 3. Cuyama R NR New Cuyama (Spanish Ranch)

<https://waterdata.usgs.gov/monitoring-location/11136710/#parameterCode=00060&period=P365D>



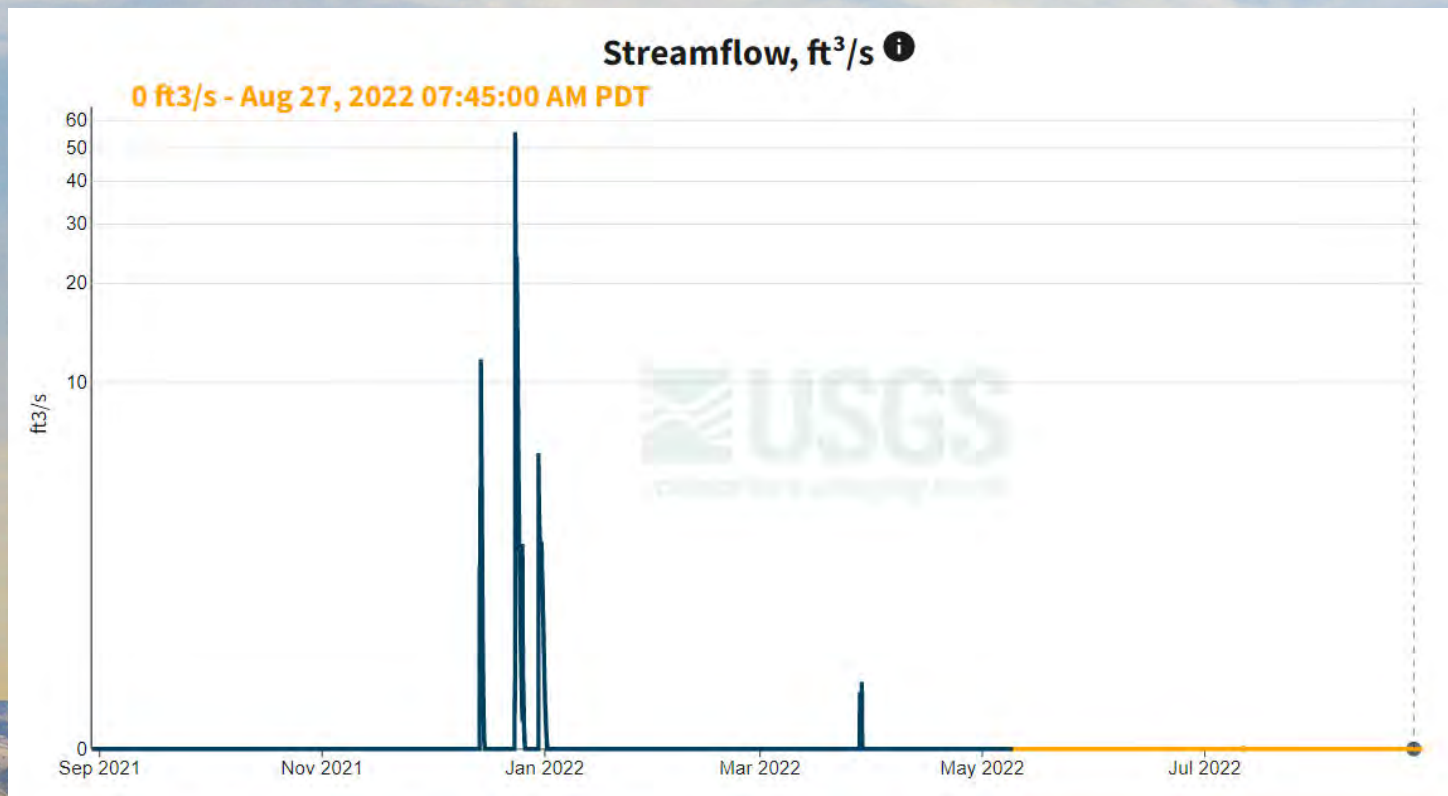
# 1. Cuyama R NR Ventucopa: Discharge Data

Brian Van Lienden



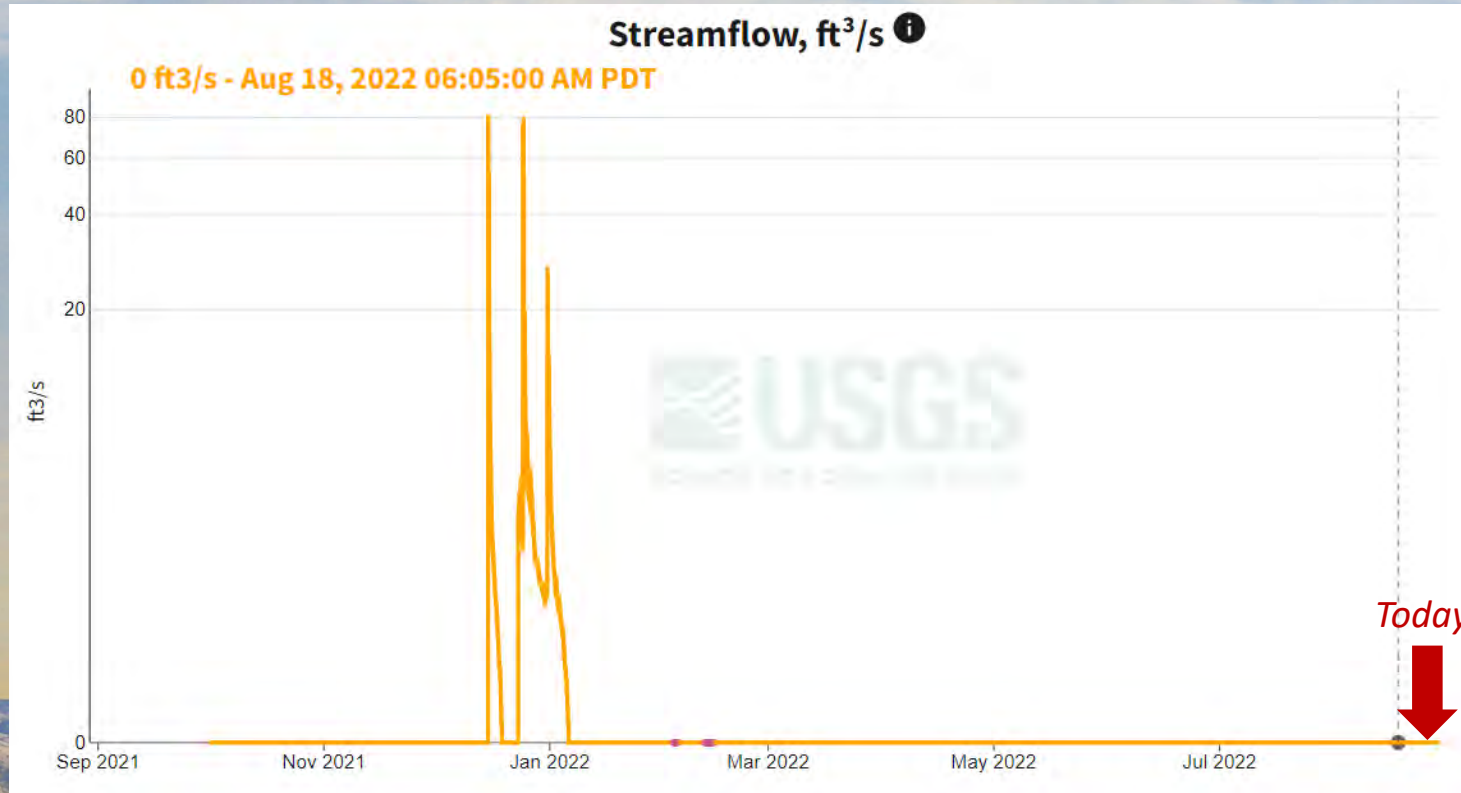
## 2. Santa Barbara CYN C NR Ventucopa: Discharge Data

Brian Van Lienden



# 3. Cuyama R NR New Cuyama (Spanish Ranch): Discharge Data

Brian Van Lienden





# Schedule for Cuyama Basin Monitoring in 2022

Brian Van Lienden

- Quarterly groundwater levels monitoring:
  - January, April, July, October
- Water quality testing:
  - Per the GSP, perform a single EC measurement in August
  - As discussed in response letter to DWR, the CBGSA would perform a single measurement and lab testing for nitrates, arsenic and TDS
    - Water quality samples collected in August



# Update on DWR TSS Program

Brian Van Lienden

- DWR installed three new multi-completion monitoring wells in the Cuyama Basin in 2021
  - Staff is continuing to work with DWR to install transducers in these wells



TO: Board of Directors  
Agenda Item No. 13h

FROM: Brian Van Lienden, Woodard & Curran

DATE: September 7, 2022

SUBJECT: Update on Quarterly Groundwater Conditions Report for July 2022

**Recommended Motion**

None – information only.

**Discussion**

An update on the groundwater levels representative monitoring network and select hydrographs is provided as Attachment 1 and the detailed July 2022 Groundwater Conditions Report is provided as Attachment 2.

Cuyama Basin Groundwater Sustainability Agency

13h. Update on Quarterly Groundwater Conditions Report

Brian Van Lienden

September 7, 2022

*[Link to July Report](#)*



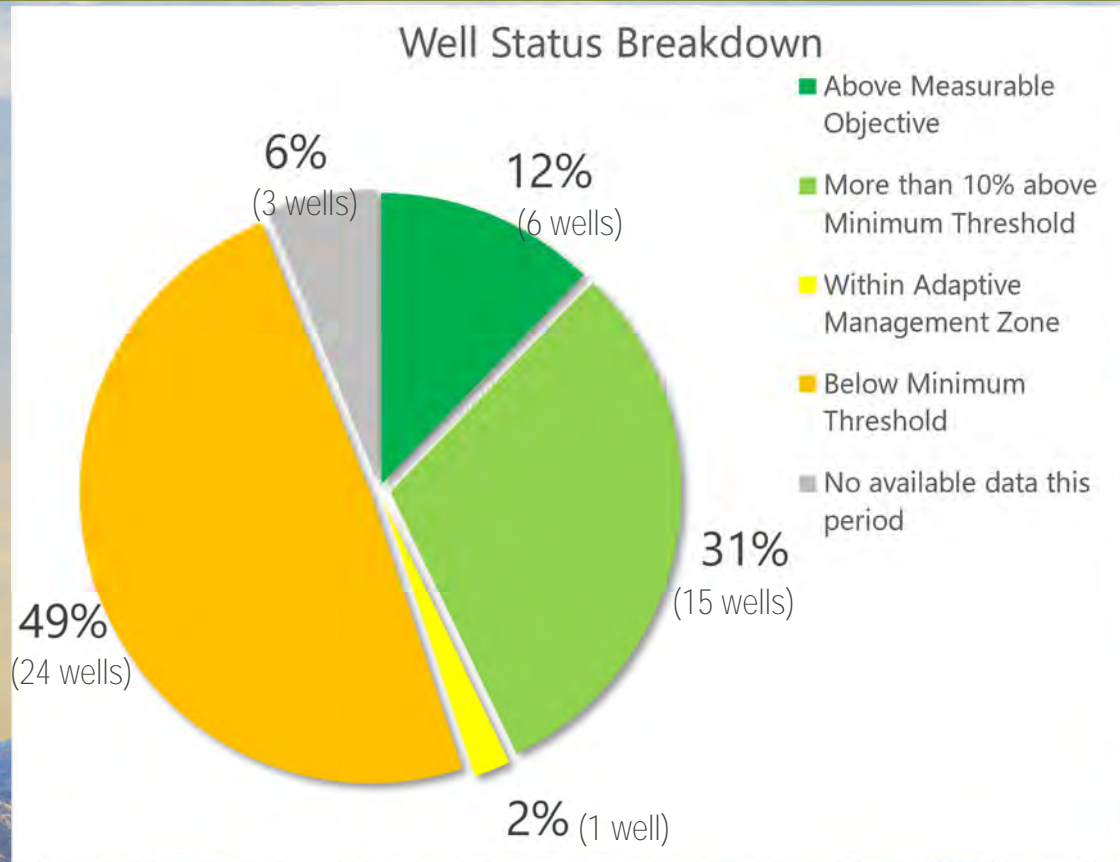
# Groundwater Levels Monitoring Network – Summary of Current Conditions

- Monitoring data from January 2022, April 2022, and July 2022 for representative wells is included in the Groundwater Conditions report
- 46 of 49 representative monitoring wells have levels data in at least one out of the previous 7 months
- 24 wells were below the minimum threshold based on latest measurement in October to April

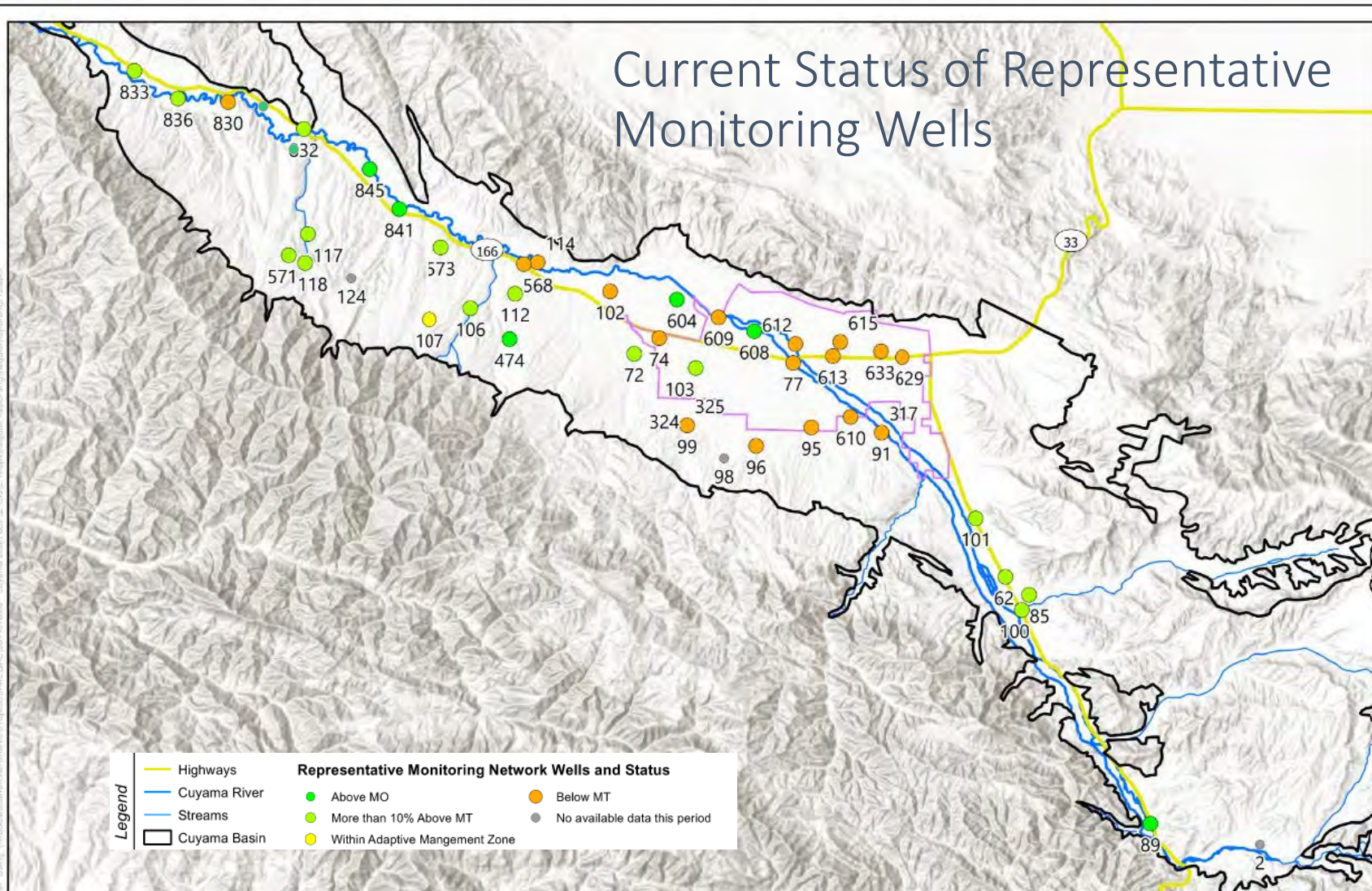


# Summary of Groundwater Well Levels as Compared To Sustainability Criteria

- 24 wells are currently below minimum threshold (MT)
  - 30% of wells (i.e. 15 wells) below MT for 14 months
  - 8 of these were already below MT at time of GSP adoption
- Adaptive management analysis is currently under way as directed by Board in July

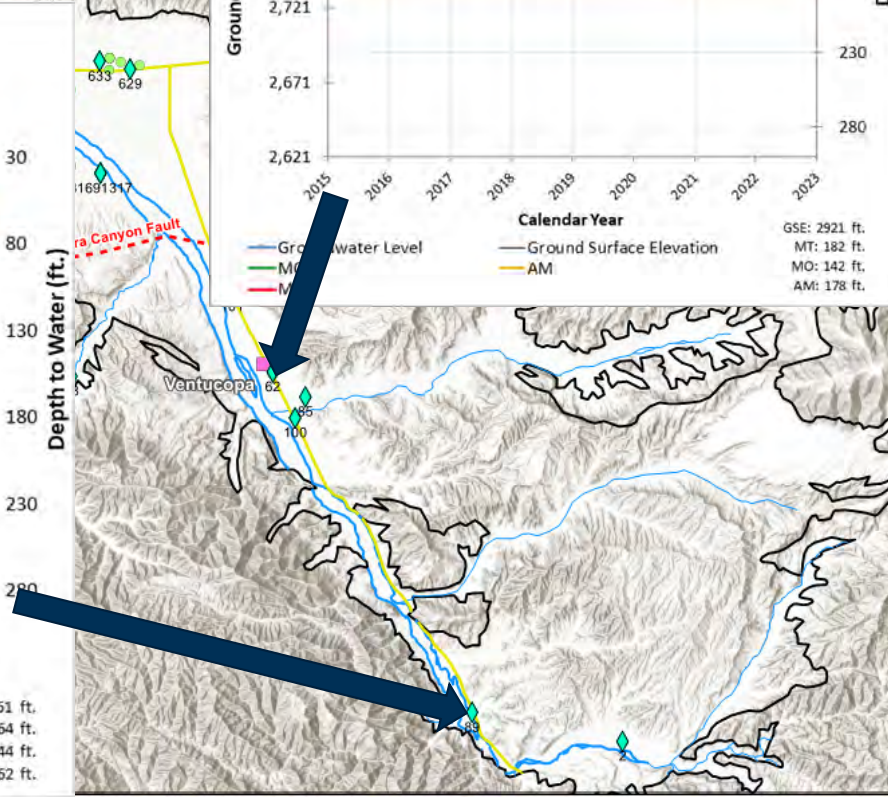
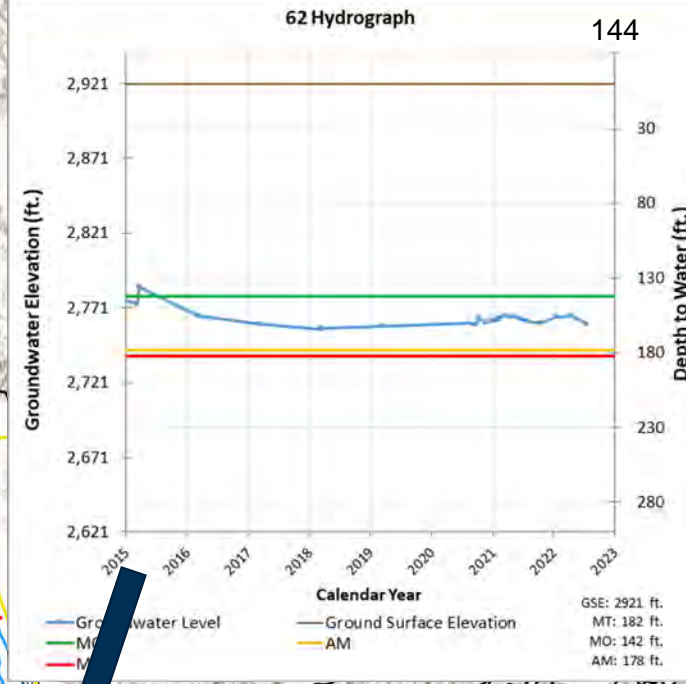
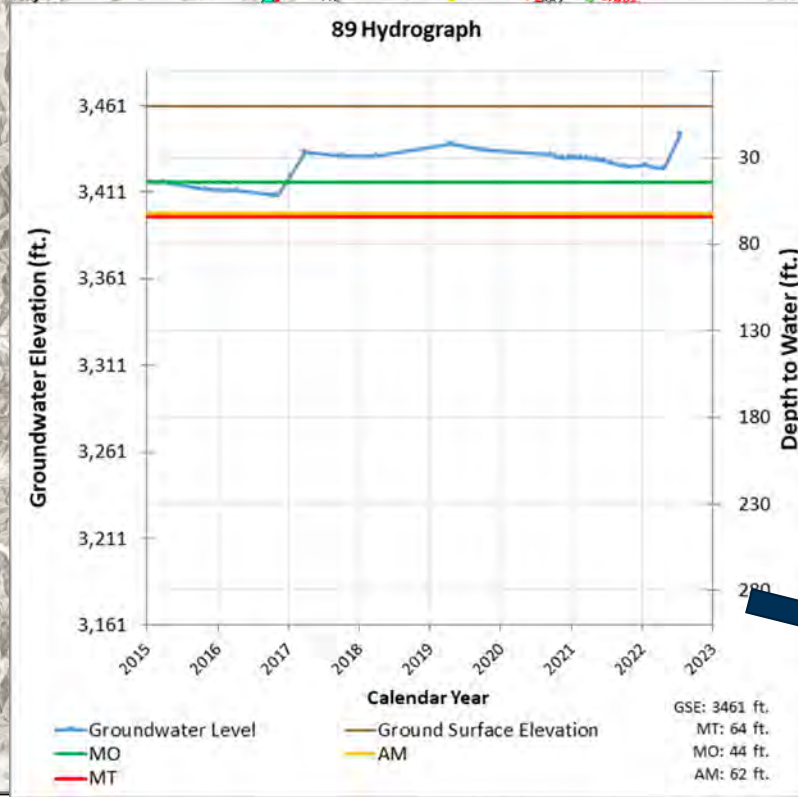


# Current Status of Representative Monitoring Wells





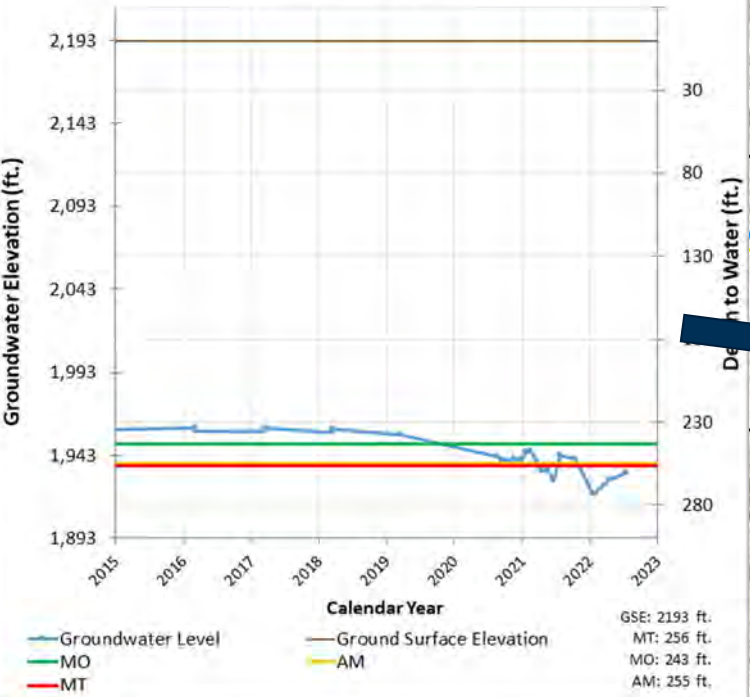
# Updated Hydrographs for Selected Monitoring Wells



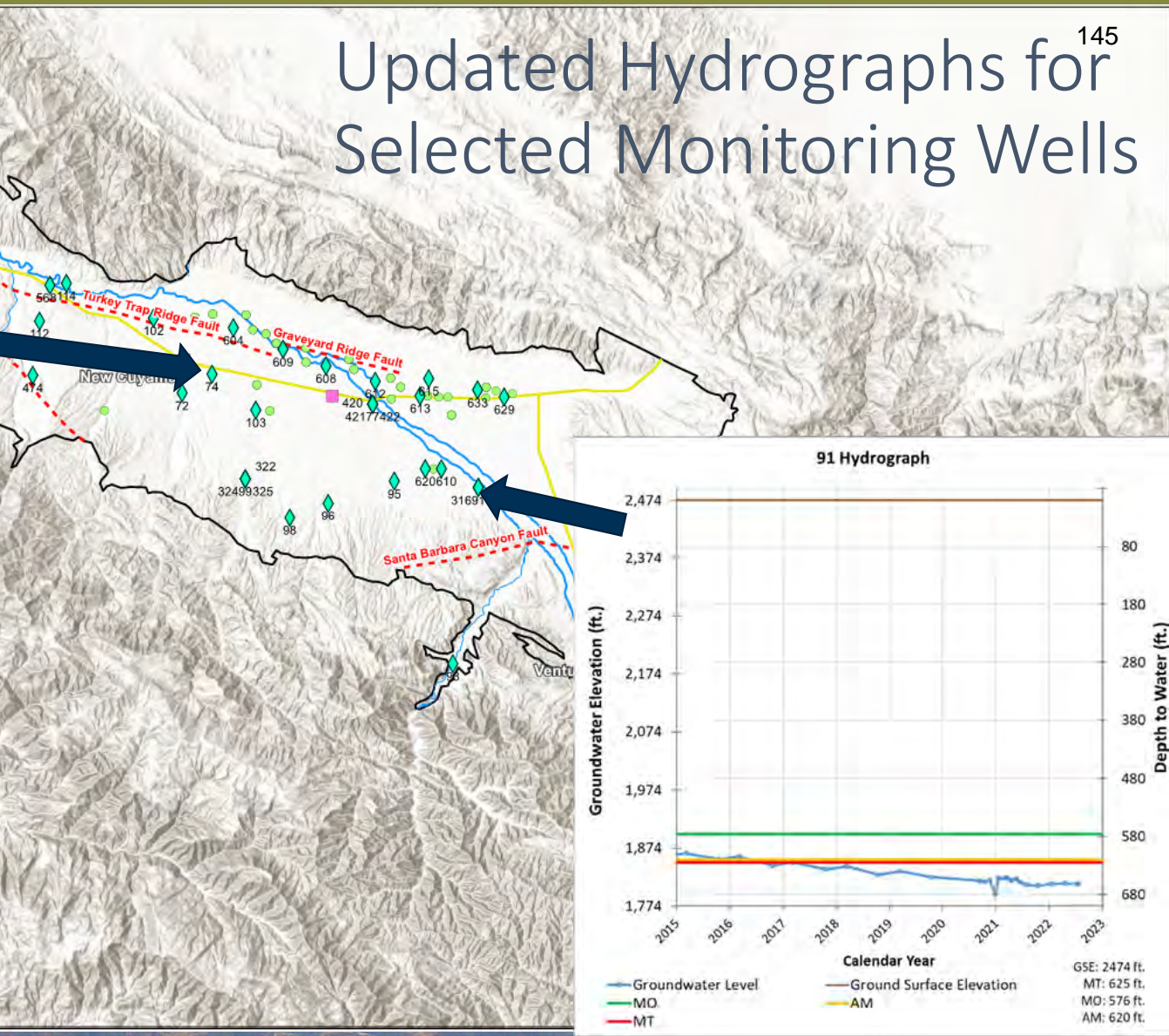


# Updated Hydrographs for Selected Monitoring Wells

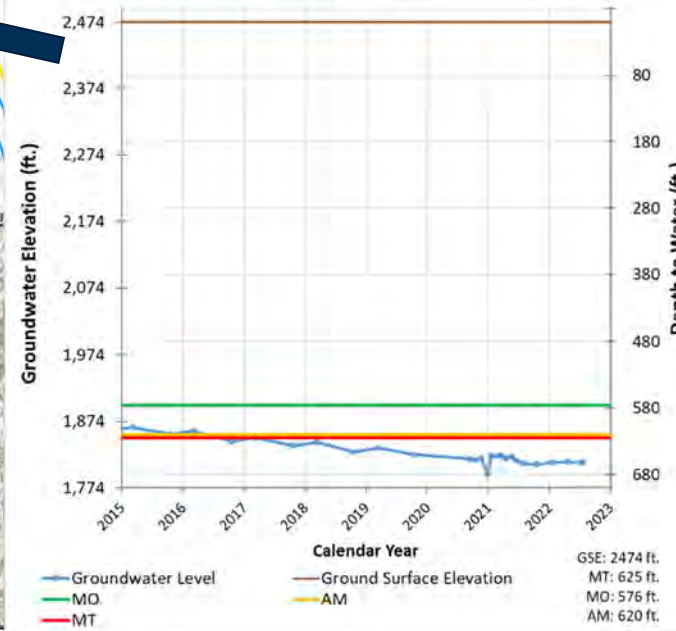
### 74 Hydrograph



Depth to Water (ft.)



### 91 Hydrograph

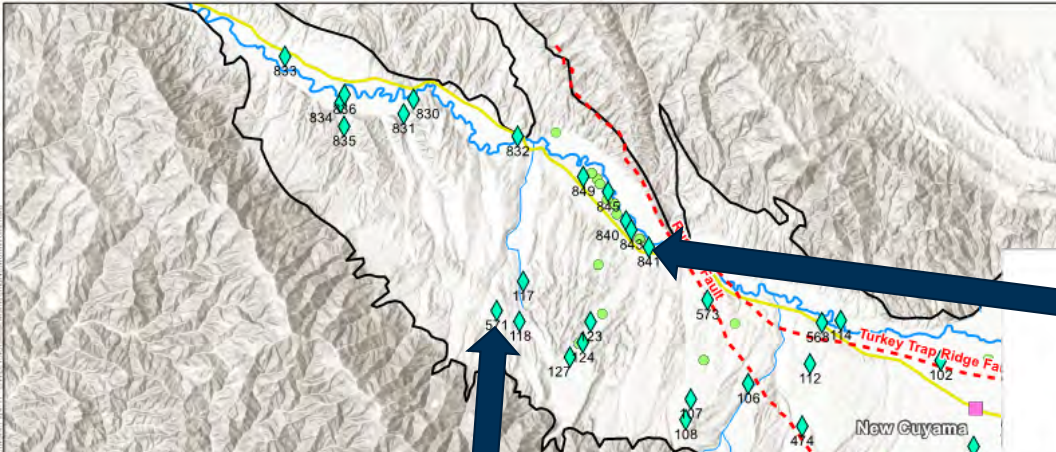


Groundwater Elevation (ft.)

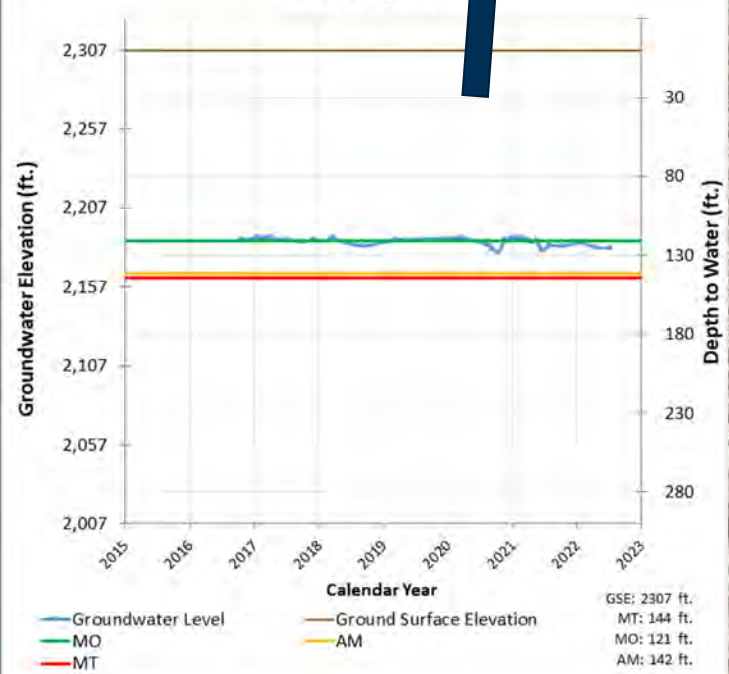
Depth to Water (ft.)



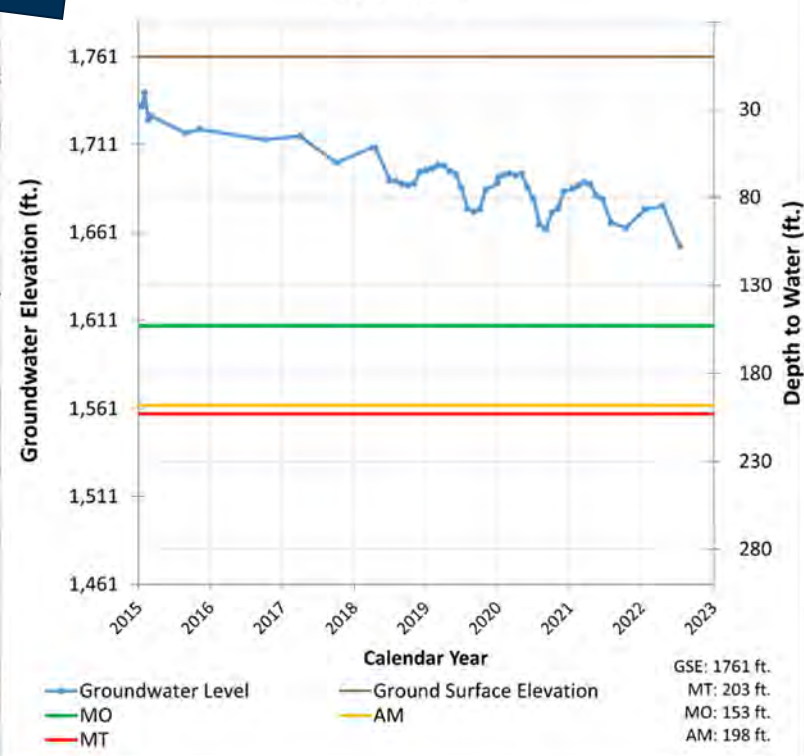
# Updated Hydrographs for Selected Monitoring Wells



### 571 Hydrograph



### 841 Hydrograph





**GROUNDWATER  
CONDITIONS  
REPORT –  
CUYAMA VALLEY  
GROUNDWATER  
BASIN**

July 2022

801 T Street  
Sacramento, CA  
916.999.8700

[woodardcurran.com](http://woodardcurran.com)

**Cuyama Basin  
Groundwater  
Sustainability Agency**



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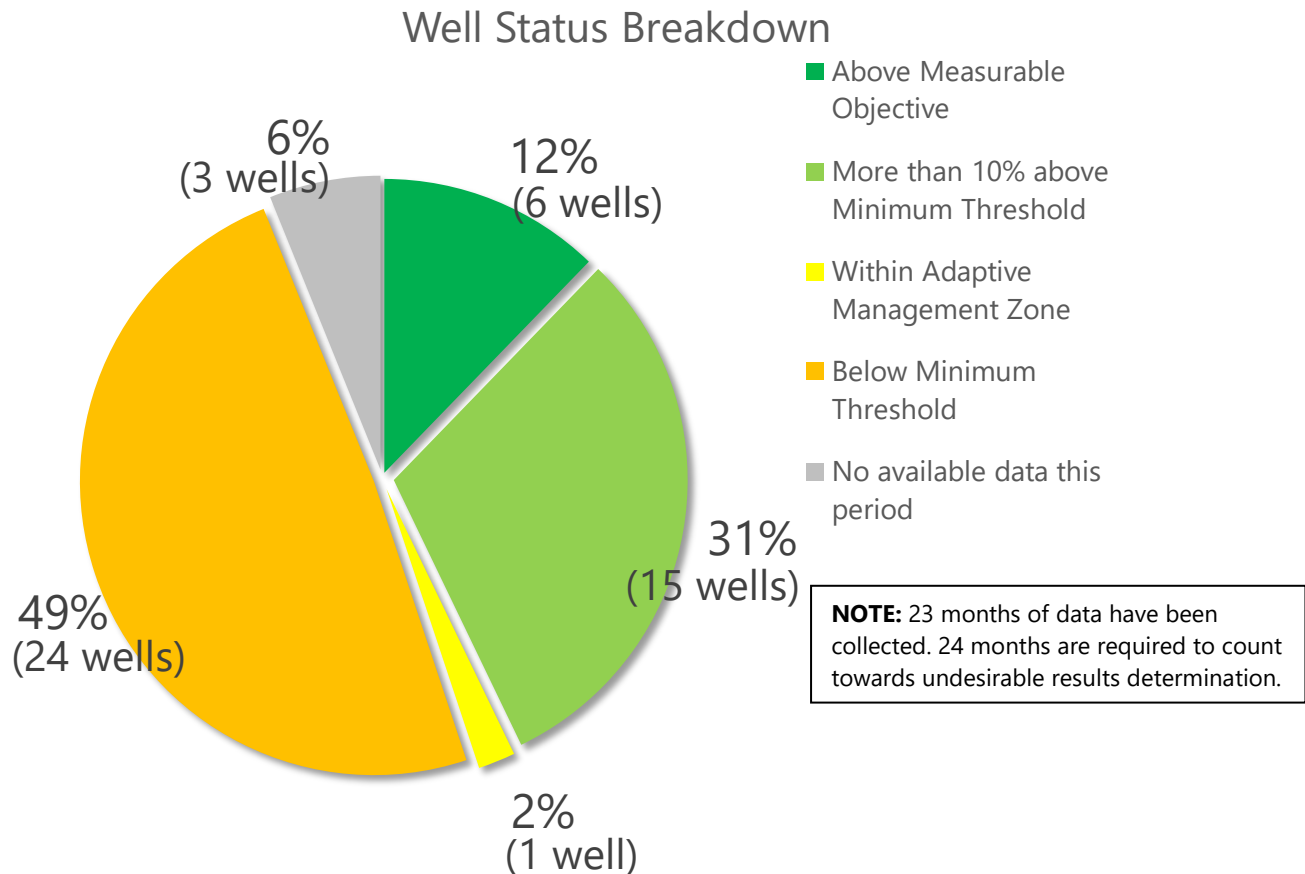
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## 1. INTRODUCTION

This report is intended to provide an update on the current groundwater level conditions in the Cuyama Valley Groundwater Basin. This work is completed by the Cuyama Basin Groundwater Sustainability Agency (CBGSA), in compliance with the Sustainable Groundwater Management Act (SGMA).

## 2. SUMMARY STATISTICS



As outlined in the GSP, undesirable results for the chronic lowering of groundwater levels occurs, “when 30 percent of representative monitoring wells... fall below their minimum groundwater elevation threshold for two consecutive years.” (Cuyama GSP, pg. 3-2). Currently, 30% of representative monitoring wells (i.e. 15 wells) have been below the minimum threshold for 14 or more consecutive months.

## 3. CURRENT CONDITIONS

Table 1 includes the most recent groundwater level measurements taken in the Cuyama Basin from representative wells included in the Cuyama GSP Groundwater Level Monitoring Network, as well as the previous two measurements. Table 2 includes all of the wells and their current status in relation to the thresholds applied to each well. This information is also shown on Figure 1.

All measurements have also been incorporated into the Cuyama DMS, which may be accessed at <https://opti.woodardcurran.com/cuyama/login.php>.



**Table 1: Recent Groundwater Levels for Representative Monitoring Network**

Well	Region	Jan-22	Apr-22	Jul-22	Last Year		Annual Elevation Change (ft)
		GWL (ft. msl)	GWL (ft. msl)	GWL (ft. msl)	GWL (ft. msl)	Month/Year	
72	Central	2022	2021	2010	1999	Jul-21	11
74	Central	1919	1928	1932	1943	Jul-21	-11
77	Central	1814	1803	1772	1776	Jul-21	-4
91	Central	1812	1813	1812	1811	Jul-21	1
95	Central	1848	1847	1841	1848	Jul-21	-7
96	Central	2271	2271	2270	2272	Jul-21	-2
98	Central	-	-	-	-	-	-
99	Central	2222	2223	2178	2155	Jul-21	23
102	Central	1622	1622	-	1711	Jul-21	-
103	Central	1997	2007	2014	1976	Jul-21	37
112	Central	2054	2053	2053	2054	Jul-21	-1
114	Central	-	1878	1878	1879	Jul-21	-1
316	Central	1812	1813	1811	1813	Jul-21	-2
317	Central	1812	1813	1813	1813	Jul-21	0
322	Central	2220	2222	2169	2146	Jul-21	23
324	Central	2218	2220	2187	2169	Jul-21	18
325	Central	2220	2222	2201	2204	Jul-21	-3
420	Central	1803	1792	1768	1763	Jul-21	5
421	Central	1800	1793	1789	1776	Jul-21	13
474	Central	2204	2204	2203	2204	Jul-21	0



Well	Region	Jan-22	Apr-22	Jul-22	Last Year		Annual Elevation Change (ft)
		GWL (ft. msl)	GWL (ft. msl)	GWL (ft. msl)	GWL (ft. msl)	Month/Year	
568	Central	1867	1868	1852	1867	Jul-21	-14
604	Central	1674	-	-	-	-	-
608	Central	1779	1817	-	-	-	-
609	Central	1789	1760	1692	-	-	-
610	Central	1814	1814	1801	1813	Jul-21	-12
612	Central	1795	1793	-	1811	Jul-21	-
613	Central	1814	1809	1792	1809	Jul-21	-17
615	Central	1814	1813	1795	1817	Jul-21	-22
629	Central	1813	1807	-	-	-	-
633	Central	1815	1794	-	-	-	-
62	Eastern	2765	2766	2760	2763	Jul-21	-3
85	Eastern	2847	2847	2846	2847	Jul-21	-1
100	Eastern	2850	2850	2849	2852	Jul-21	-3
101	Eastern	2635	-	-	2617	Jul-21	-
841	Northwestern	1674	1676	1653	1667	Jul-21	-14
845	Northwestern	1646	1645	1633	1640	Jul-21	-7
2	Southeastern	-	-	-	-	-	-
89	Southeastern	3427	3425	3445	3428	Jul-21	16
106	Western	2183	2183	2183	2184	Jul-21	-1
107	Western	2370	2383	2392	2393	Jul-21	-2
117	Western	1947	1946	1945	1946	Jul-21	-1



Well	Region	Jan-22	Apr-22	Jul-22	Last Year		Annual Elevation Change (ft)
		GWL (ft. msl)	GWL (ft. msl)	GWL (ft. msl)	GWL (ft. msl)	Month/Year	
118	Western	2211	2210	2210	2217	Jul-21	-7
124	Western	-	-	-	-	-	-
571	Western	2185	2182	2181	2183	Jul-21	-2
573	Western	2013	2013	2012	2013	Jul-21	-1
830	Far-West Northwestern	-	1510	1509	-	-	-
832	Far-West Northwestern	1590	1590	1590	1592	Jul-21	-2
833	Far-West Northwestern	1432	-	1423	1429	Jul-21	-6
836	Far-West Northwestern	1448	1448	1447	1448	Jul-21	-1

Table 2: Well Status Related to Thresholds

Well	Region	Current Month		Minimum Threshold	Within 10% Minimum Threshold	Measurable Objective	Well Depth	Status	GSA Action Required?
		GWL (DTW)	Date						
72	Central	162	7/14/2022	169	165	124	790	More than 10% above Minimum Threshold	No
74	Central	261	7/14/2022	256	255	243		Below Minimum Threshold (7 months)	No
77	Central	514	7/14/2022	450	445	400	980	Below Minimum Threshold (23 months)	No
91	Central	662	7/14/2022	625	620	576	980	Below Minimum Threshold (23 months)	No
95	Central	608	7/13/2022	573	570	538	805	Below Minimum Threshold (23 months)	No
96	Central	336	7/13/2022	333	332	325	500	Below Minimum Threshold (20 months)	No
98	Central	-		450	449	439	750	No available data this period (no available data in past 12 months)	No
99	Central	335	7/14/2022	311	310	300	750	Below Minimum Threshold (1 month)	No
102	Central	-		235	231	197		No available data this period (below MT in Apr 2022, 19 months)	No
103	Central	275	7/14/2022	290	285	235	1030	More than 10% above Minimum Threshold	No
112	Central	86	7/14/2022	87	87	85	441	More than 10% above Minimum Threshold	No
114	Central	47	7/14/2022	47	47	45	58	Below Minimum Threshold (4 months)	No
316	Central	663	7/13/2022	623	618	574	830	Below Minimum Threshold (23 months)	No
317	Central	661	7/13/2022	623	618	573	700	Below Minimum Threshold (23 months)	No





Well	Region	Current Month		Minimum Threshold	Within 10% Minimum Threshold	Measurable Objective	Well Depth	Status	GSA Action Required?
		GWL (DTW)	Date						
322	Central	344	7/14/2022	307	306	298	850	Below Minimum Threshold (1 month)	No
324	Central	325	7/14/2022	311	310	299	560	Below Minimum Threshold (1 month)	No
325	Central	312	7/14/2022	300	299	292	380	Below Minimum Threshold (1 month)	No
420	Central	518	7/13/2022	450	445	400	780	Below Minimum Threshold (23 months)	No
421	Central	497	7/13/2022	446	441	398	620	Below Minimum Threshold (23 months)	No
474	Central	165	7/14/2022	188	186	169	213	Above Measurable Objective	No
568	Central	53	7/14/2022	37	37	36	188	Below Minimum Threshold (14 months)	No
604	Central	-		526	522	487	924	No available data this period (above MO in Jan 2022)	No
608	Central	-		436	433	407	745	No available data this period (above MO in Apr 2022)	No
609	Central	475	7/15/2022	458	454	421	970	Below Minimum Threshold (1 month)	No
610	Central	641	7/13/2022	621	618	591	780	Below Minimum Threshold (15 months)	No
612	Central	-		463	461	440	1070	No available data this period (below MT in Apr 2022, 7 months)	No
613	Central	538	7/13/2022	503	500	475	830	Below Minimum Threshold (21 months)	No
615	Central	532	7/13/2022	500	497	468	865	Below Minimum Threshold (20 months)	No
629	Central	-		559	556	527	1000	No available data this period (below MT in Apr 2022, 16 months)	No



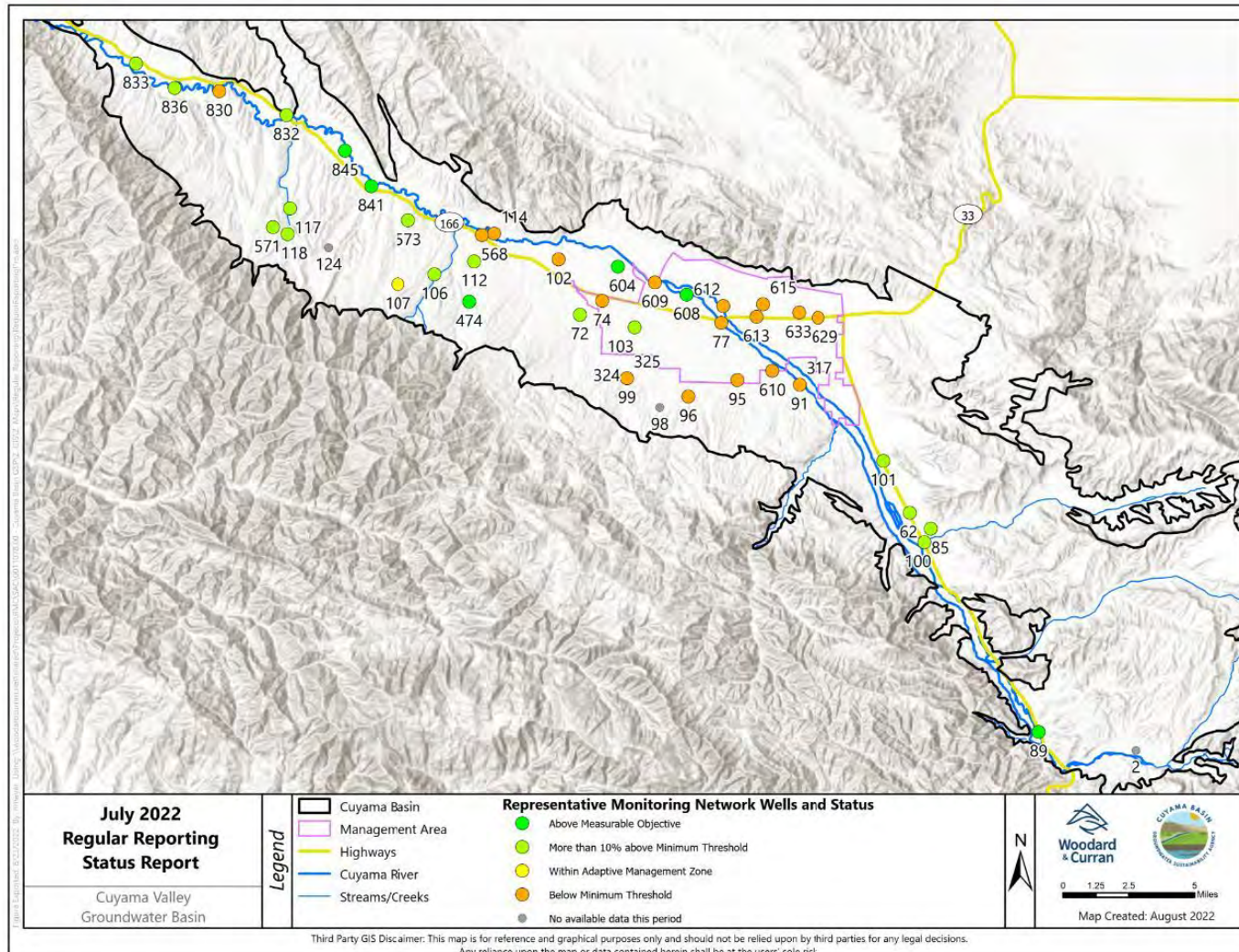
Well	Region	Current Month		Minimum Threshold	Within 10% Minimum Threshold	Measurable Objective	Well Depth	Status	GSA Action Required?
		GWL (DTW)	Date						
633	Central	-		547	542	493	1000	No available data this period (below MT in Apr 2022, 16 months)	No
62	Eastern	161	7/14/2022	182	178	142	212	More than 10% above Minimum Threshold	No
85	Eastern	201	7/15/2022	233	225	147	233	More than 10% above Minimum Threshold	No
100	Eastern	155	7/14/2022	181	175	125	284	More than 10% above Minimum Threshold	No
101	Eastern	-		111	108	81	200	No available data this period (>10% above MT in Jan 2022)	No
841	Northwestern	108	7/14/2022	203	198	153	600	Above Measurable Objective	No
845	Northwestern	78	7/14/2022	203	198	153	380	Above Measurable Objective	No
2	Southeastern	-		72	70	55	73	No available data this period (no available data in past 12 months)	No
89	Southeastern	17	7/14/2022	64	62	44	125	Above Measurable Objective	No
106	Western	144	7/14/2022	154	153	141	228	More than 10% above Minimum Threshold	No
107	Western	91	7/14/2022	91	89	72	200	Within Adaptive Management Zone	No
117	Western	153	7/13/2022	160	159	151	212	More than 10% above Minimum Threshold	No
118	Western	60	7/13/2022	124	117	57	500	More than 10% above Minimum Threshold	No
124	Western	-		73	71	57	161	No available data this period (no available data in past 12 months)	No
571	Western	126	7/13/2022	144	142	121	280	More than 10% above Minimum Threshold	No



Well	Region	Current Month		Minimum Threshold	Within 10% Minimum Threshold	Measurable Objective	Well Depth	Status	GSA Action Required?
		GWL (DTW)	Date						
573	Western	72	7/14/2022	118	113	68	404	More than 10% above Minimum Threshold	No
830	Far-West Northwestern	62	7/14/2022	59	59	56	77	Below Minimum Threshold (13 months)	No
832	Far-West Northwestern	40	7/13/2022	45	44	30	132	More than 10% above Minimum Threshold	No
833	Far-West Northwestern	34	7/14/2022	96	89	24	504	More than 10% above Minimum Threshold	No
836	Far-West Northwestern	39	7/13/2022	79	75	36	325	More than 10% above Minimum Threshold	No

Note: Wells only count towards the identification of undesirable results if the level measurement is below the minimum threshold for 24 consecutive months.

**Figure 1: Groundwater Level Representative Wells and Status in July 2022**





#### 4. HYDROGRAPHS

The following hydrographs provide an overview of conditions in each of the six areas threshold regions identified in the GSP.

**Figure 2: Southeast Region – Well 89**

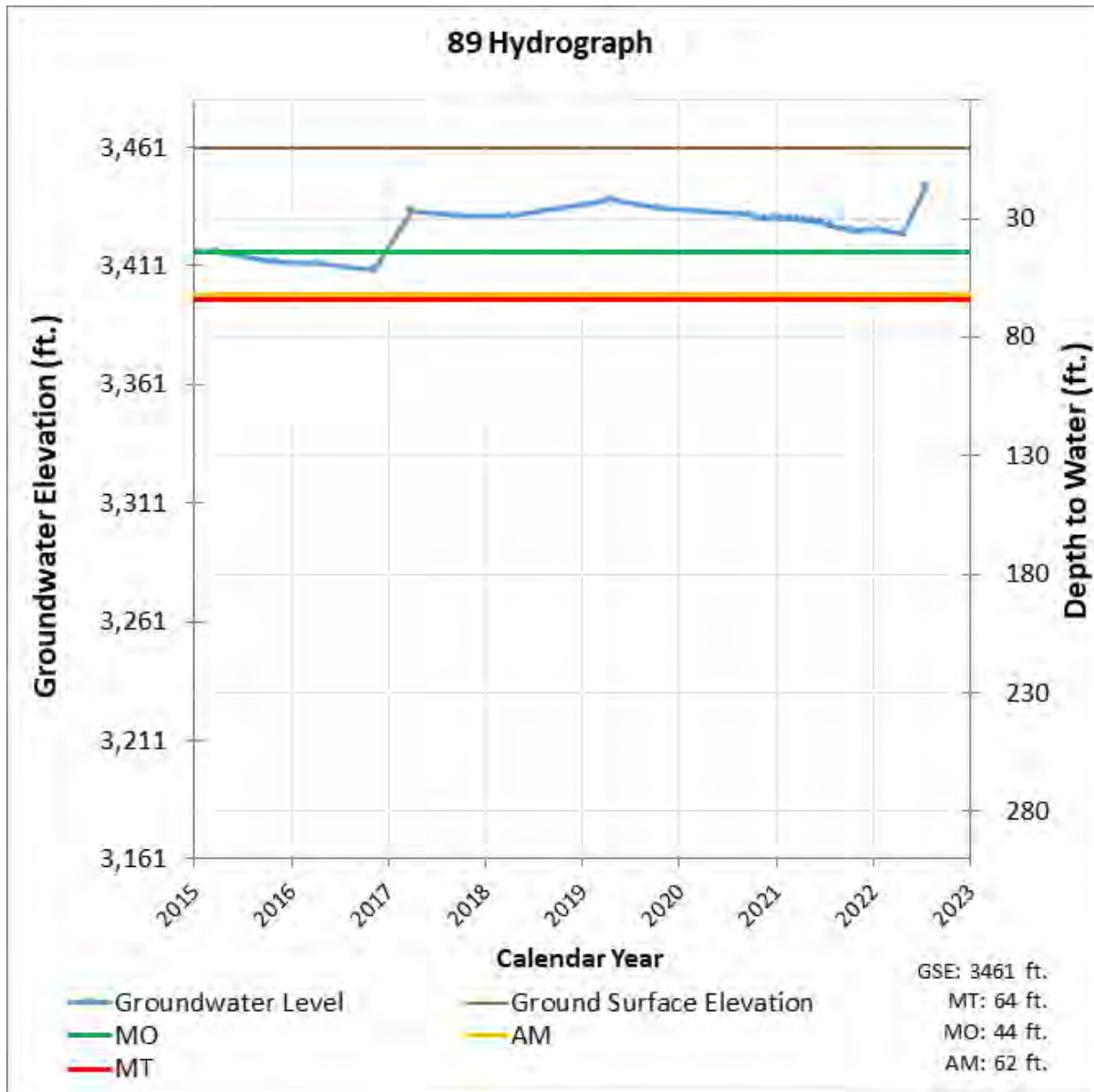


Figure 3: Eastern Region – Well 62

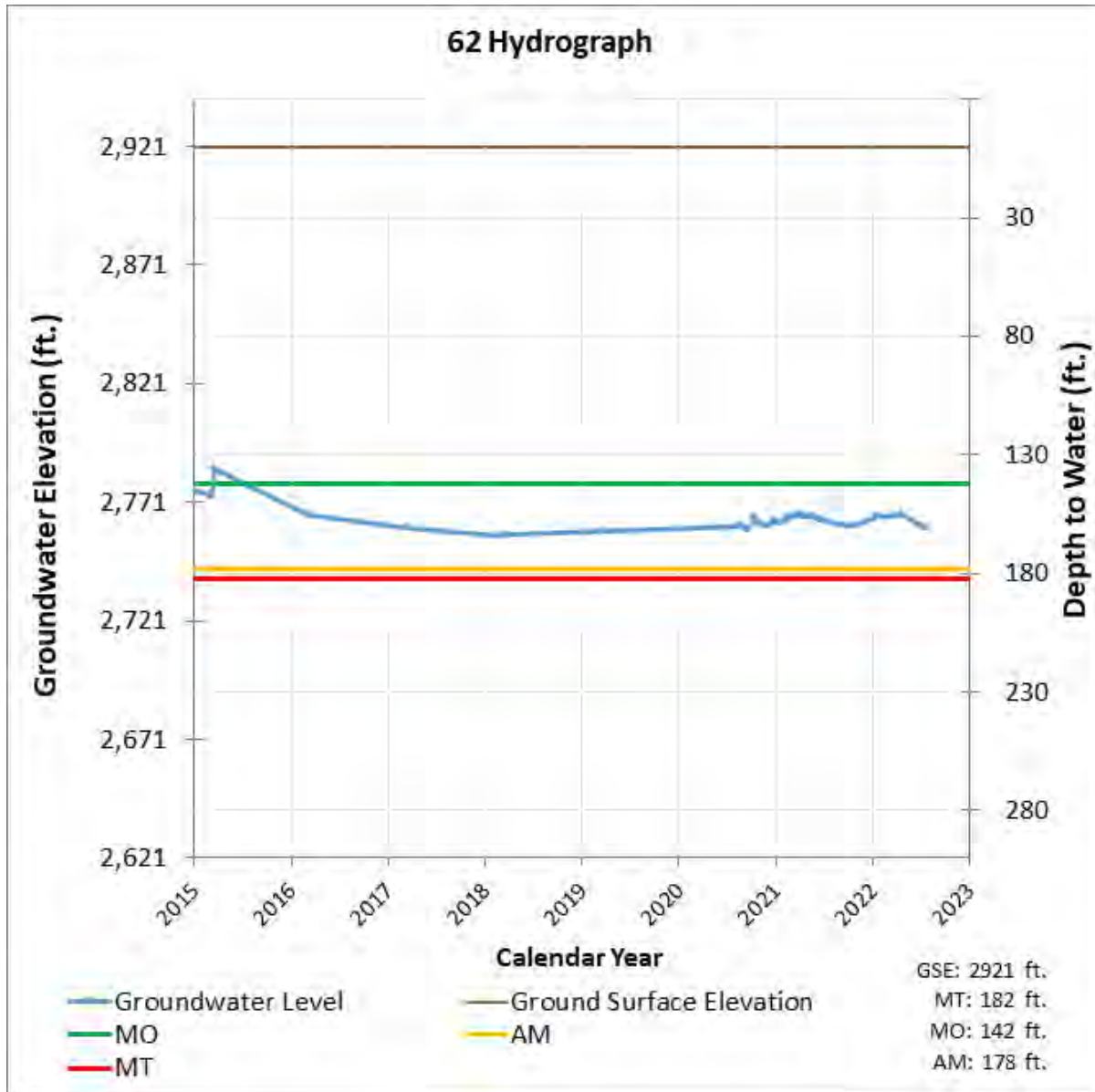


Figure 4: Central Region – Well 91

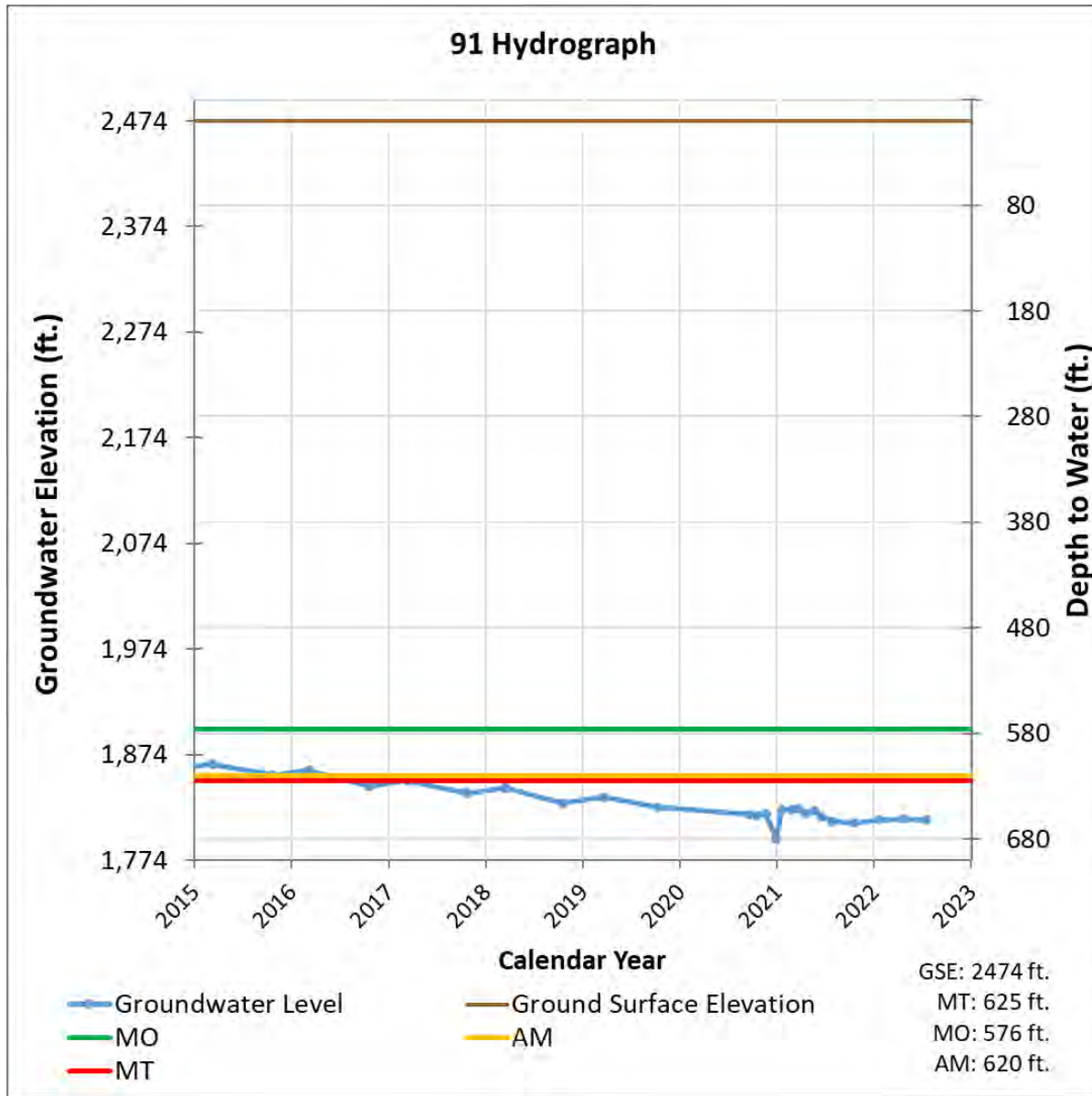


Figure 5: Central Region – Well 74

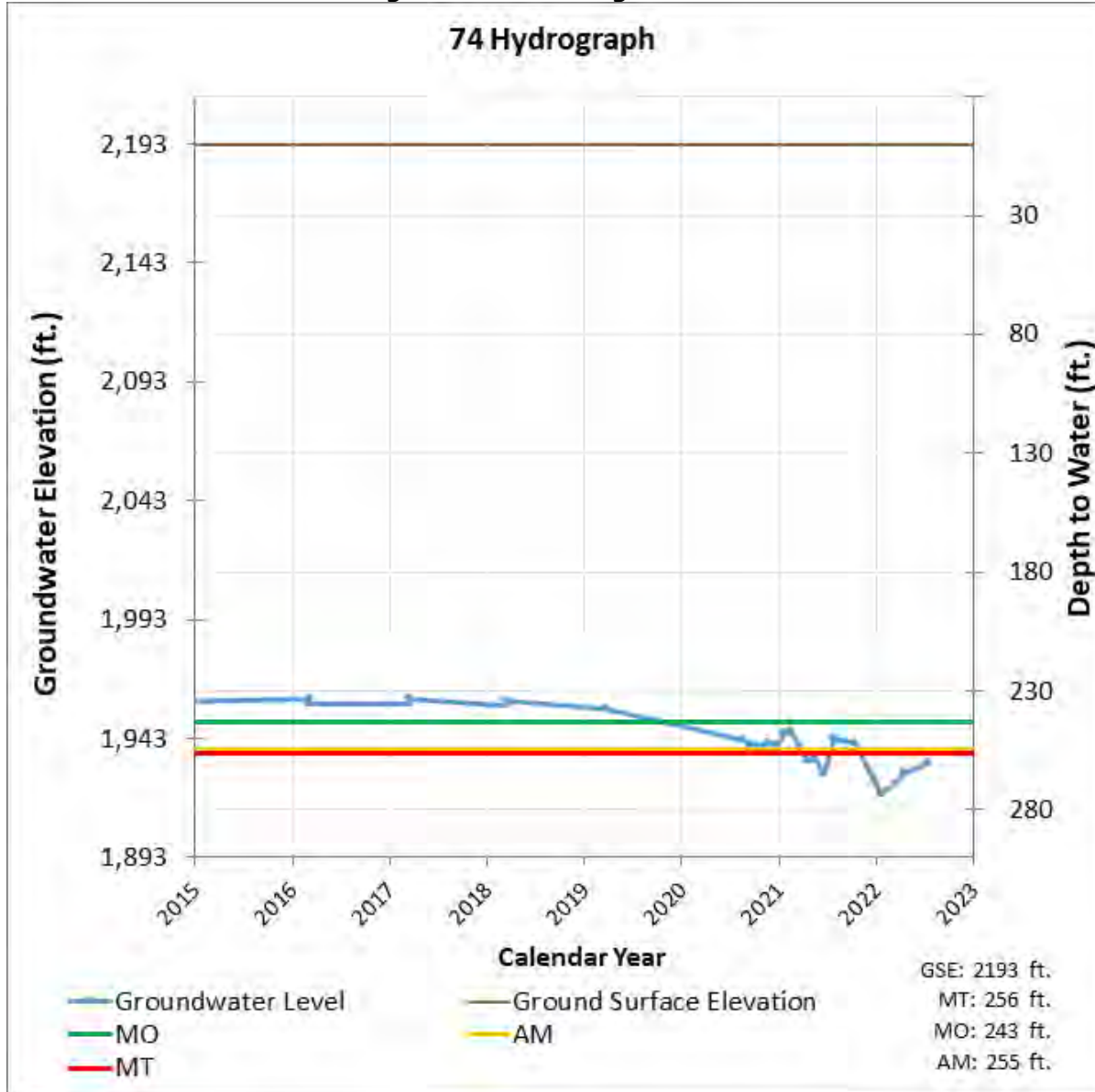




Figure 6: Western Region – Well 571

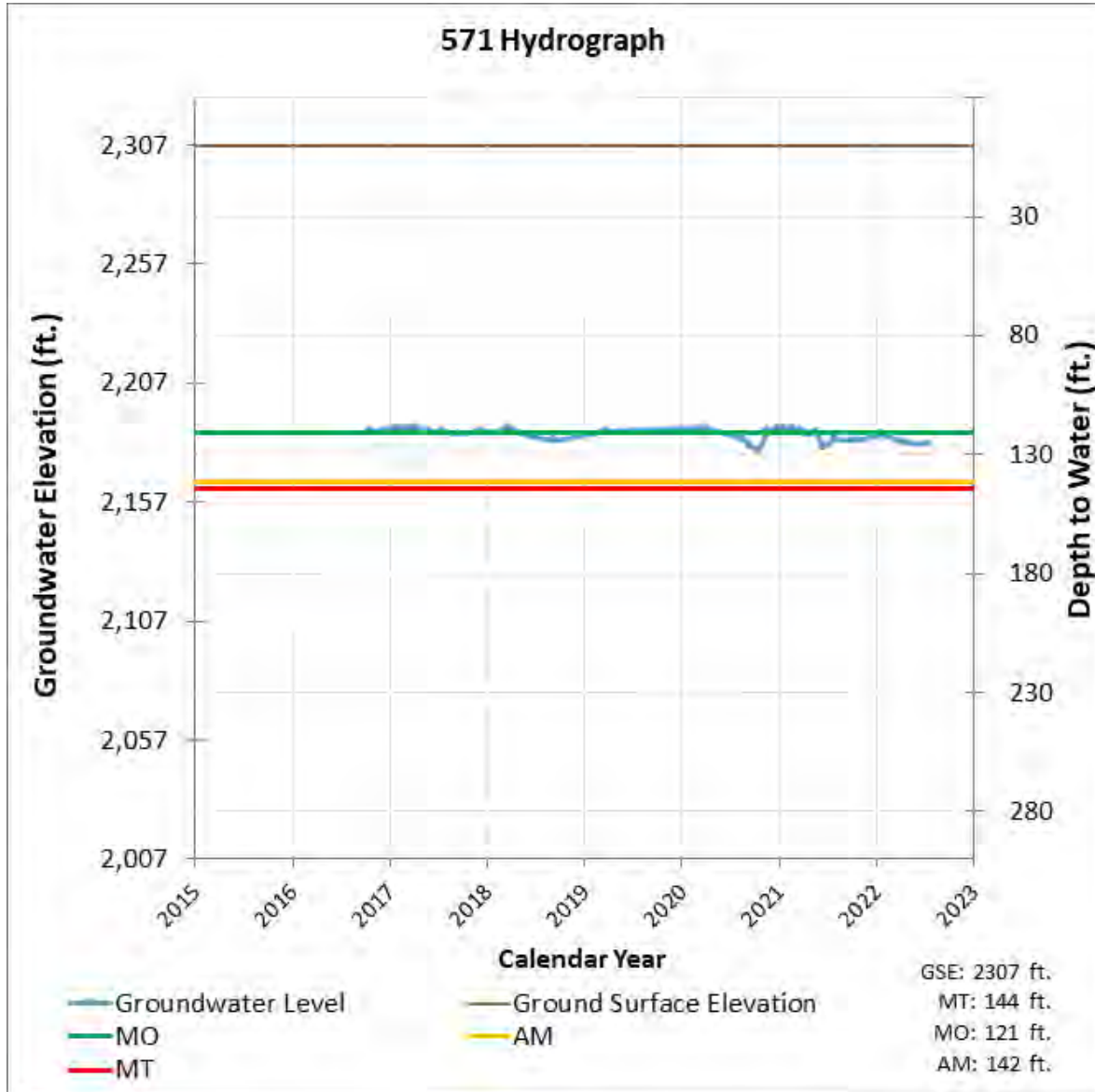
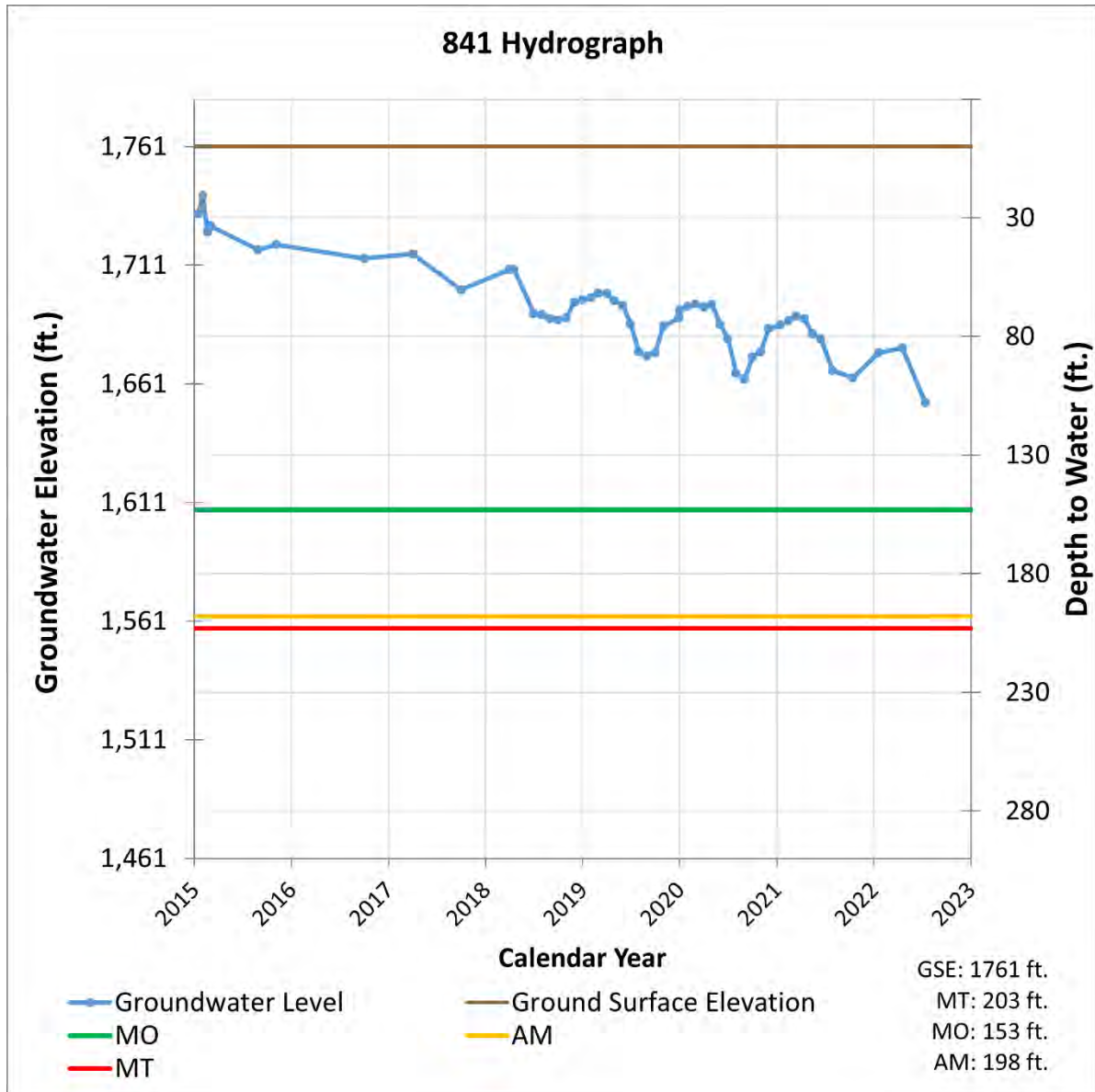
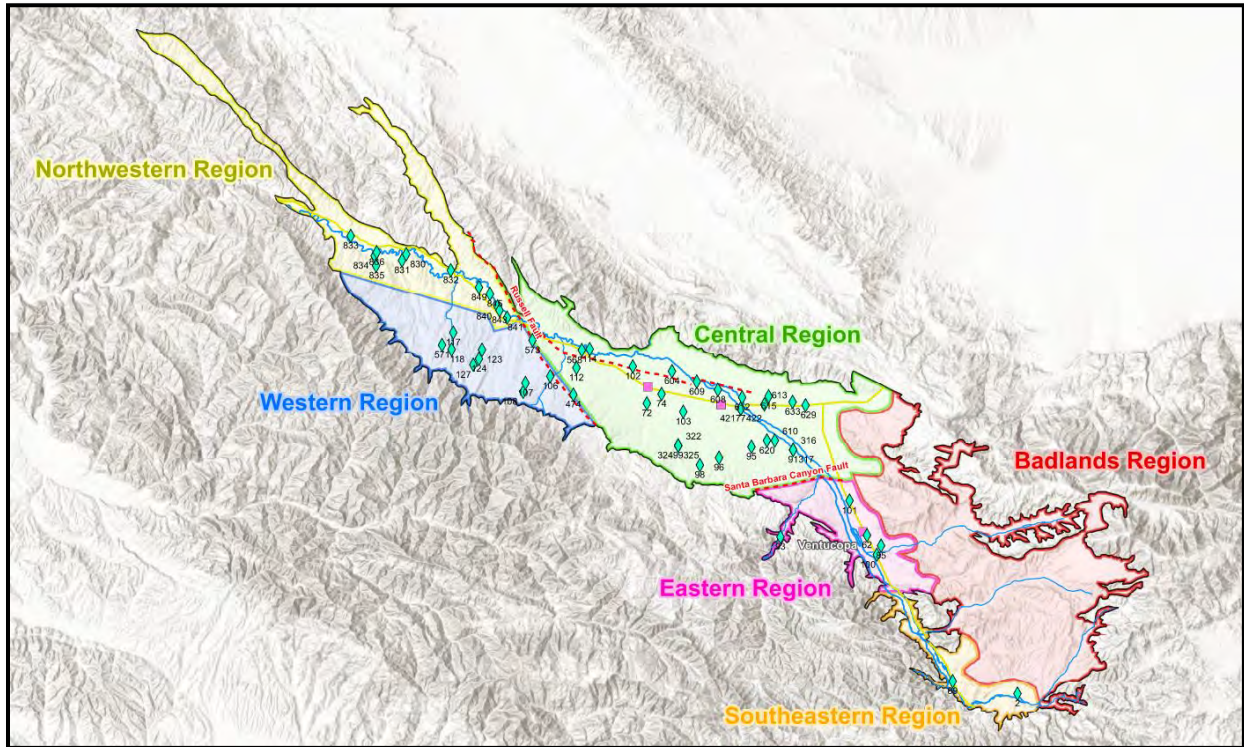


Figure 7: Northwestern Region – Well 841





**Figure 8: Threshold Regions in the Cuyama Groundwater Basin**

## 5. MONITORING NETWORK UPDATES

As shown in Table 2, there are 3 wells without measurements in the last 12 months. These “no measurement codes” can have different causes as described below.

- Access agreements have not been established with the landowner:
  - Wells 2, 98, 124



**Woodard  
& Curran**

[woodardcurran.com](http://woodardcurran.com)





TO: Board of Directors  
Agenda Item No. 13i

FROM: Brian Van Lienden, Woodard & Curran

DATE: September 7, 2022

SUBJECT: Update on Annual Water Quality Report

**Recommended Motion**

None – information only.

**Discussion**

Annual water quality samples for total dissolved solids (TDS), arsenic and nitrates were collected in August 2022. A map of the wells sampled is provided as Attachment 1, and lab results will be provided at the SAC and Board meetings on October 27, 2022 and November 2, 2022, respectively.

Cuyama Basin Groundwater Sustainability Agency

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# 13i. Update on Annual Water Quality Report

Brian Van Lienden

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**September 7, 2022**





# Update on Annual Water Quality Report

Brian Van Lienden

- Water quality testing was performed at 24 wells in August
- Lab testing is being performed for nitrates, arsenic and TDS
- Results will be reported to the Board in November

