



# CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY

## BOARD OF DIRECTORS MEETING

### Board of Directors

**Cory Bantilan** Chair, Santa Barbara County Water Agency  
**Matt Vickery** Vice Chair, Cuyama Basin Water District  
**Arne Anselm** Secretary, County of Ventura  
**Byron Albano** Treasurer, Cuyama Basin Water District  
**Rick Burnes** Cuyama Basin Water District  
**Jimmy Paulding** County of San Luis Obispo

**Zack Scrivner** County of Kern  
**Das Williams** Santa Barbara County Water Agency  
**Deborah Williams** Cuyama Community Services District  
**Jane Wooster** Cuyama Basin Water District  
**Derek Yurosek** Chair, Cuyama Basin Water District

### AGENDA

May 3, 2023

Agenda for a meeting of the Cuyama Basin Groundwater Sustainability Agency Board of Directors to be held on Wednesday, May 3, 2023, at 2:00 PM at the **Cuyama Valley Family Resource Center 4689 CA-166, New Cuyama, CA 93254**. Participate via computer at: <https://rb.gy/1n13j> or by going to Microsoft Teams, downloading the free application, then entering Meeting ID: 218 572 368 509 Passcode: KtHYDx or enter or telephonically at (469) 480-3918 Phone Conference ID: 432 504 41#

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.

#### Teleconference Locations:

4689 CA-166, New Cuyama, CA 93254

105 E. Anapamu St. Santa Barbara, CA 93101

*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

*Items listed on the Consent Agenda are considered routine and non-controversial by staff and will be approved by one motion if no member of the Board or public wishes to comment or ask questions. If comment or discussion is desired by anyone, the item will be removed from the Consent Agenda and will be considered in the listed sequence with an opportunity for any member of the public to address the Board concerning the item before action is taken.*

5. Approval of Minutes – March 29, 2023
6. Approval of Payment of Bills for February 2023
7. Approval of Financial Report for February 2023

### **ACTION ITEMS**

*All action items require a simple majority vote by default (50% of the vote). Items that require a super majority vote (75% of the weighted total) will be noted as such at the end of the item.*

8. Discuss and Take Appropriate Action on the Fiscal Year 2023-2024 Budget and Cash Flow
9. Discuss and Take Appropriate Action on Consultant Task Orders for Fiscal Year 2023-2024
10. Discuss and Take Appropriate Action on Resolution No. 2023-051 Adopting Final Groundwater Allocations in the Central Management Area for 2023 and 2024
11. Review and Take Appropriate Action on Supplemental Section to GSP Sustainability Thresholds Chapter and Authorize 90-Day Notice to Cities and Counties for an Amendment to the GSP
12. Award a Contract for the Installation of Dedicated Monitoring Wells and Piezometers

### **REPORT ITEMS**

13. Administrative Updates
  - a) Report of the Executive Director
  - b) Report of the General Counsel
14. Technical Updates
  - a) Update on Groundwater Sustainability Plan Activities
  - b) Update on Monitoring Network Implementation
  - c) Update on Opti Data Management System (DMS) Enhancements
15. Report of the Ad Hoc Committee
16. Directors' Forum
17. Public comment for Items Not on the Agenda
18. Correspondence

### **PUBLIC HEARING**

19. **PUBLIC HEARING** – Groundwater Extraction Fee (4:30 p.m.)
20. Consider for Approval Resolution No. 2023-052 Setting a Groundwater Extraction Fee for Fiscal Year 2023-2024 and Authorize Invoicing of Landowners

### **CLOSED SESSION**

21. Conference with Legal Counsel – Anticipation Litigation  
Significant Exposure to Litigation Pursuant to Government Code section 54956.9(d)(2)
  - (a) Number of Potential Cases: One
22. Adjourn

2023

## Board Ad hocs

CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY

1	<b>Adaptive Management</b>	Anselm Bantilan Vickery Yurosek
2	<b>Basin-Wide Water Management Policy</b>	Anselm Bantilan Williams, Deborah Yurosek
3	<b>Fiscal Year 2023-2024 Budget</b>	Bantilan Vickery Williams, Das Williams, Deborah Wooster
4	<b>Central Management Area Policy</b>	Anselm Bantilan Vickery Williams, Deborah Wooster
5	<b>Grant-Funded Items</b>	Albano Vickery Williams, Das Williams, Deborah
6	<b>Unknown Extractors</b>	Anselm Vickery

# Cuyama Basin Groundwater Sustainability Agency Board of Directors Meeting

March 29, 2023

## Draft Meeting Minutes

**PRESENT:**

Directors

Bantilan, Cory – Chair  
Vickery, Matt – Vice Chair  
Albano, Byron – Treasurer  
Anselm, Arne – Secretary  
Elliott, Darcel – Alternate for Das Williams  
Klinchuch, Matt – Alternate for Rick Burnes  
Reely, Blaine – Alternate for Jimmy Paulding  
Scrivner, Zack  
Williams, Debbie  
Wooster, Jane  
Yurosek, Derek

Staff

Beck, Jim – Executive Director  
Hughes, Joe – Legal Counsel

**ABSENT:**

None

**1. Call to Order**

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

**2. Roll Call**

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

**3. Pledge of Allegiance**

The pledge of allegiance was led by Chair Yurosek.

**4. Introduction of New Director**

Chair Yurosek introduced the following Director and alternate additions:

- Deborah Williams, Director for the Cuyama Community Services District (replacing Paul Chounet)
- Blaine Reely, Alternate for San Luis Obispo County (replacing Debbie Arnold)
- Katelyn Zenger, Alternate for Kern County (replacing Alan Christensen)

**5. Election of Officers**

Executive Director Jim Beck provided an overview of the process for electing officers and opened the floor for nominations for Chair.

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Director Bantilan and Elliott joined the meeting at 2:11 p.m.  
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Director Albano made a motion to elect Director Bantilan as Chair and Director Elliott seconded the motion.

Director Vickery made a motion to elect Director Yurosek as Chair and Director Scrivner seconded the motion.

Director Wooster commented that the person who Chairs the Board should be a farmer or representative of a farmer.

Director Albano commented that Director Bantilan would be an objective Chairperson. He noted that the adjudication has cost landowners a significant amount of money in legal fees.

Director Vickery said Chair Yurosek does an excellent job of being an objective Chair and runs the meetings efficiently and expressed his agreement with Director Wooster that the Chair should be a landowner.

Director Elliott said Chair Yurosek has done a good job as Chair, but the Chair needs to have an objective standing and Director Bantilan would be the best option.

Director Scrivner asked Legal Counsel how the adjudication disqualifies Chair Yurosek from being Chair. Legal Counsel Joe Hughes explained once an adjudication is filed all landowners are in the same position during the adjudication and he explained it does not disqualify a person from serving on the Board or an elected position.

Director Wooster explained that the adjudication has cost people a lot of money, however, the GSA has also cost people a lot of money and to say one has cost people more money than the other is an unfair comparison. She said the Groundwater Sustainability Agency (GSA) was formed to solve the water problem in the Basin and Director Yurosek has done a great job of this and is familiar with the Cuyama Valley because he previously farmed in the Basin.

Director Elliott said the Chair should be the most neutral person on the Board.

Director Reely commented in other GSA's he serves, it is encouraged to have alternating positions to disperse the workload and increase a diversification in thinking.

Director Vickery noted that Director Yurosek has not picked favorites while selecting ad hoc committee members.

Local landowner representative Mark Ellsworth said the debate is well spirited and feels confident in his representation on this Board.

Mr. Beck asked if both nominees will be willing to serve, and both nominees responded yes.

**MOTION**

Director Albano made a motion to elect Director Bantilan as Chair. The motion was seconded by Director Elliott, a roll call vote was made and passed with 58%.

AYES: Albano, Bantilan, Klinchuch, Elliott, Reely, Williams  
 NOES: Anselm, Scrivner, Vickery, Wooster, Yurosek  
 ABSTAIN: None  
 ABSENT: None

Mr. Beck announced Director Bantilan is now the Chair and asked the Board for nominations for a Vice Chair. Director Yurosek nominated Director Vickery and Director Wooster seconded the motion. Mr. Beck asked if Director Vickery is willing to serve and he responded yes.

**MOTION**

Director Yurosek made a motion to elect Director Vickery as Vice Chair. The motion was seconded by Director Wooster, a roll call vote was made and passed with 100%.

AYES: Albano, Anselm, Bantilan, Elliott, Klinchuch, Reely, Scrivner, Vickery, Williams Wooster, Yurosek  
 NOES: None  
 ABSTAIN: None  
 ABSENT: None

Mr. Beck announced Director Vickery is now the Vice Chair and asked the Board for nominations for a Secretary and Treasurer. Director Yurosek nominated Director Anselm for Secretary and Chair Bantilan seconded the motion. Director Vickery nominated Director Albano for Treasurer and Chair Bantilan seconded the motion.

**MOTION**

Director Yurosek made a motion to elect Director Anselm as Secretary. The motion was seconded by Chair Bantilan, a roll call vote was made and passed with 100%.

AYES: Albano, Anselm, Bantilan, Elliott, Klinchuch, Reely, Scrivner, Vickery, Williams Wooster, Yurosek  
 NOES: None  
 ABSTAIN: None  
 ABSENT: None

**MOTION**

Director Vickery made a motion to elect Director Albano as Treasurer. The motion was seconded by Chair Bantilan, a roll call vote was made and passed with 100%.

AYES: Albano, Anselm, Bantilan, Elliott, Klinchuch, Reely, Scrivner, Vickery, Williams Wooster, Yurosek  
 NOES: None  
 ABSTAIN: None

ABSENT: None

## 6. Standing Advisory Committee Meeting Report

SAC Chair Brenton Kelly provided a report on the March 23, 2023, SAC meeting and is included below:

### ***Standing Advisory Committee Report***

***Meeting Date: March 23<sup>rd</sup>, 2023***

*Submitted to the CBGSA Board on March 29<sup>th</sup>, 2023*

*By Brenton Kelly, SAC Chair*

*The Standing Advisory Committee met at the Family Resource Center in a hybrid format, with five committee members present in-person and one on the conference line. GSA Staff Taylor Blakeslee staffed the room singlehandedly, joined by Jim Beck, Brian Van Lienden and Alex Dominguez on the call, and several public members including 3 of the Variance requesters in the room and on the videoconference. Committee member Draucker was not able to attend. The SAC addressed several major policy items in a meeting that lasted four and a half hours.*

*The SAC continues to hold two positions open for representation from the Latino Community. Any nominations or interested persons should contact Chair Kelly or Taylor Blakeslee. In an effort towards equity and inclusion, these SAC reports are being translated into Spanish and will be included in the public record.*

*Congratulations were shared for the approval of the GSP by the DWR. Long hours of process and development by Staff, the Board and the Public has paid off with this favorable determination. Now the very challenging work of implementing the Plan must proceed in earnest. This journey toward Sustainability has just begun and the success of its mission is dependent on the collaboration among those of us who, for whatever reason, are committed to its success. Celebrating success can be a rare event in the story of Cuyama Groundwater, and stakeholders should take pride in the approval of the Plan.*

*At our last meeting, the SAC requested an update from the general council to provide a high-level overview of the adjudication in relation to the GSA and DWR's recent approval. Mr. Dominguez reported that the DWR approval does not disrupt the adjudication, and DWR has been clear that the GSP must continue with its implementation. The Adjudication is in the basin boundary phase: parties have submitted expert reports, and we anticipate this effort to continue throughout the summer with several types of hearings related to this.*

*Committee Member Jaffe commented that Mr. Dominguez did not provide any new information and said she sees these processes not as parallel tracks, but as colliding trains. Jaffe said she hopes the CBGSA is paying attention to the deeply painful effects the adjudication is having on the community.*

*Mr. Dominguez said he appreciates those comments and said just because the CBGSA has not intervened, does not mean legal is not taking it seriously.*

*Committee Member Furstenfeld stated the adjudication is seriously impacting families and small farmers in the basin, and the judge has been asking where is the CBGSA in the process?*

**Item #11: Discussion and Appropriate Action Variance Findings**

*The SAC appreciates the collective efforts that the staff, ad hoc committee, and the Applicants have contributed to work this process out. Although the SAC did not take action on this item there were several comments offered for considerations.*

*Committee Member Jaffe was concerned for how Historic Use is not an equitable way to allocate a common resource. She said it is very important to consider different ways to allocate water use.*

*Committee Member Gaillard was disturbed by our dependance on a Model that everyone agrees is not accurate or complete, yet still dictates what will be allocated.*

*Committee Member Haslett was concerned that ground truthing of the model has not been thorough or successful and the impact to small pumpers is blatantly wrong and he expects many of these issues will be settled in court and not in this Board room.*

*Committee Chair Kelly expressed that Historic abuse is what got us into this mess for over three decades and the GSA needs to look at other approaches. He said this is a good effort for now and it will all be discussed in detail for the 2025 update. We should learn from this 2<sup>nd</sup> Variance process going forward. He acknowledged the efforts made by the applicants, GSA staff and the ad hoc for working through this process.*

*Some of the details of the applicants were presented, and we had discussions about the transparency and accuracy of the determination of Historical Use that was fraught with imperfection and inequity. The SAC did not make a motion on this item and suggested it would be best to discuss these individual comments at the Board meeting.*

*Committee Member Jaffe said that the lessons learned from the allocation implementation should include: 1) considering alternatives to the historic water use, and 2) considering equitable application of the allocation with a holistic look at the entire basin.*

**Item #12: Approve Annual Report**

*Committee Member Haslet questioned if the change in groundwater storage was representative of all monitored wells? He said it was disingenuous to say the groundwater storage has changed by -38,500 acre-feet is reflective of the whole Basin, while most areas of the basin have not changed very much. Haslett recommended breaking down the overdraft information by region. Committee Chair Kelly suggested that Table 2-1: Groundwater Trends by Threshold Regions on page 2-15 of the Annual Report should quantify overdraft by region with numbers not narratives.*

*Committee Member Jaffe said the continuing change in groundwater storage is*

*appalling and this is a very serious problem. She hopes the GSA will address this in the future.*

*Committee Chair Kelly reported that he had submitted several recommended corrections earlier and appreciated the advanced review time for the Annual Report. He said he has concerns for the consistency of how the data is presented in the Water Quality section. He suggested a standard method be used to present # data (# of wells and % of total). He also reported concern of the missing water quality samples. While samples were taken from 18 of 64 (28%) of wells in the network only 1/3 of those limited samples are presented in this report. Samples are reported from only 17% of the wells for Nitrates and 10% for Arsenic. Groundwater Quality testing was cited as one of the four GSPs deficiencies as originally determined by DWR. This additional testing was one of the biggest items of the resubmitted GSP. We now have the Plan approved, and it now seems the testing was not done. How can a statement of establishing groundwater quality trends be made when so few samples were taken, and even fewer appear to have been processed? Mr. Van Linden said there may be an issue with the presented water quality data, and he will look into that.*

*Committee Chair Kelly also pointed out that 1/2 of the hydrographs show no data due to their depths to water of below 300'. Kelly asked again if the graphs could all be kept at the same scale. He requests to favor the presentation of complete and transparent data over the unnecessary inclusion of the brown Ground Surface Elevation line at the top. For example, see wells #74 and #91 on figures 2-9 & 2-10, on pages 2-19 and 2-20 of the Annual Report.*

*The SAC made no other recommendation for approval of the Annual Report.*

***Item #15. Approve Landowner Agreement for Dedicated Monitoring Wells and Piezometers***

*The SAC unanimously approved the Agreement Form with the recommendation of adding the Lat./Long to geo-locate the site on Appendix A.*

***Item #16. Discussion and Appropriate Action on Adaptive Management Analysis***

*Committee Member Debranch asked if representative wells would be categorized as active wells if they are production wells and staff confirmed they would look into this question.*

*Committee Member Jaffe asked if staff felt that 20% of the wells going dry was an acceptable risk? This is something the GSA will need to discuss. She said the graph of the loss to groundwater storage really shows the dire situation the basin has been in for 24 years. We need Adaptive Management actions that will turnaround the downward trend and the lowering of MTs will not do that. The CBGSA's only purpose is to reach sustainability and she hopes that will occur before we reach the bottom of the basin.*

*Committee Member Haslett asked if the well quality, age, and size was considered in the analysis. Mr. Beck said Committee Member Haslett brings up a good point that there are*

two levels of analysis that should be performed if a well goes dry that considers if the well going dry was related to pre-existing issues with the well or because of groundwater elevation declines due to nearby pumping.

Committee Member Gaillard was pleased the GSP has been approved by DWR but is concerned with the bigger picture. He read this from a prepared statement. "These recent rain events are very important and will likely delay irrigation, but will not have any impact on the glidepath. The annual report shows a 10% increase in the estimated groundwater extraction over the last 3 years (2020: 60,000 AF, 2021: 64,000 AF, 2022: 66,000 AF), along with a yearly decrease in groundwater storage. Sprinkles[BK6] systems are still operating during the hottest hours of the day. Very little changed in farming practices during this 3-year "grace period" to prepare for the restrictions in pumping. It's unacceptable and foolish to believe that sustainability of the critically over drafted Central Valley will be obtained by lowering [BK7] the minimum threshold and/or softening the Undesirable Results. This only leads to further loss of the ground water storage capacity and decrease in water quality. The result is a catastrophe in the making." He further encouraged the GSA Board to support adapted management mechanisms, like:

- Increase soil- and water conservation technologies.
- Micro-climate adapted farm practices,
- More aggressive pumping restrictions in the CMA, with no increased pumping outside CMA.
- In 2025 the GSA must revise the glidepath."

Committee Member Haslett said it is important to analyze the recent storm water runoff data to plan for stormwater capture projects in future years.

Committee Member Jaffe made a **Motion** to Not change the MTs and leave them as-is. The motion was seconded by Gaillard[BK9].

Committee Member Haslett said he did not agree with the way the MTs were originally set and said this is about putting in place a short-term measure to avoid a lot of work to deal with non-compliance until we rework the GSP in 2025.

Committee Member Furstenfeld said it does not make sense to move things right now, but to consider changes to the GSP in 2025.

Committee Chair Kelly said he would feel better about changing the Sustainability Criteria if it was science-based or if there was another rationale other than projecting the trendline of depletion until 2025 and setting the MTs below that. He questioned the prudence of changing the plan that has just barely been approved instead of waiting until the GSP Revision in 2025.

Stakeholder Carlisle said she is in favor of the proposed motion and that the Minimum

*Thresholds are the guardrails that were put in place to ensure the basin does not continue to decline. She said there is no will or effort on the part of the pumpers to turn this around. She also said she believes DWR would not accept the staff-proposed options.*

*The Motion to not change MTs passed 5 to 1.*

*Committee Member Jaffe made another **Motion** for the GSA to direct Staff to develop Adaptive Management plans to address water and soil conservation. Seconded by Committee Member Gaillard[BK10] .*

*Haslett asked How this pertains to adaptive mgmt. options?*

*Jaffe said the motion was to suggest additional options to address over pumping. Debranch was not seeing the connection to adaptive management. Gaillard said we have good examples of how to reduce pumping through improved farming practices that build soil and save water.*

*The Motion to promote water and soil conservation passed 4 to 2*

*Committee Member DeBranch made a **MOTION** to Adopt option 2a (Change 2 years to 3 years) as presented in the packet. Seconded by Committee Member Haslett.*

*DeBranch believes this will provide more data for this process*

*Chair Kelly questioned whether the cost of changing the GSP will be greater than the cost of being out of compliance with the GSP. How much will it cost to revise the GSP?*

*The Motion to change the number of years failed 2 to 4*

***Item #17: Discuss and Take Appropriate Action on Strategy for Managing Pumping throughout the Basin***

*The SAC was generally supportive of the plan to address data gaps ahead of the 2025 GSP update.*

*Chair Kelly asked for greater exploration for how the model calculates deep percolation. Brian replied that the river channel survey will improve the representation of the water seeping into the aquifer. Brenton suggested a follow up on the Geochemical analysis work that the USGS did that raised questions regarding deep percolation?*

*Committee Member DeBranch asked how many unknown pumpers there were? Taylor said they thought roughly 50 representing a few 1000 AF.*

***Item #18: Discuss and Take Appropriate Action on Strategy for Continuing Evaluation of Basin Faults***

*Committee Member Jaffe reminded Staff of the 2016 boundary modification[BK12]*

*request that included geophysical analysis related to oil well drilling, it should be part of the public record. Also, adjudication brings up boundary modification and they are centered around the Russell and SBCF. Assumed studies are public.*

*Committee Member Gaillard[BK13] would like to see a timetable if components are authorized for implementation.*

*DeBranch felt that all the options look viable.*

*A **Motion** to Adopt the streamlined approach and for the Board to consider other info being developed in the adjudication process and past studies. The Motion was made by Jaffe and Seconded by DeBranch, and it passed unanimously.*

#### **7. Update on DWR's GSP Determination**

Mr. Beck reported that the California Department of Water Resources issued a letter recommending the "approval" of the Cuyama Basin Groundwater Sustainability Plan (GSP). He provided an update on the timeline for DWR's GSP determination and congratulated the Board and staff for this important milestone.

## **CONSENT AGENDA**

#### **8-10. Consent Agenda**

Chair Bantilan asked if any Directors wanted to move any of the consent items out to discuss in more detail. No request was made and Chair Bantilan asked if there was a motion for consent agenda item nos. 8-10.

#### **MOTION**

Director Scrivner made a motion to approve the consent agenda item nos. 8-10. The motion was seconded by Director Anselm, a roll call vote was made and passed with 100%.

AYES:	Albano, Anselm, Bantilan, Elliott, Klinchuch, Reely, Scrivner, Vickery, Williams Wooster, Yurosek
NOES:	None
ABSTAIN:	None
ABSENT:	None

## **ACTION ITEMS**

#### **11. Discuss and Take Appropriate Action on Variance Findings**

Mr. Beck provided an update on the Central Management Area (CMA) second variance request process and legal counsel Alex Dominguez provided a general overview of each variance request, which is provided in the packet.

Mrs. Lewis explained when they purchased their land they were not made aware of all the water issues that were present in the Basin and this change in allocation will create a financial burden on not only herself and her husband, but also her children. Mack Carlson commented that the

Lewis property should be excluded from the CMA boundary based on the margin of error of the boundary line.

Mr. Beck reminded the Board the allocation is set for two years and the allocations would be revisited ahead of 2025.

Director Yurosek said the process is managing by parcels, but should be at the point of extraction and asked whether the Lewis well is within the CMA. Mr. Blakslee responded the Lewis well is within the CMA hydrologic boundary.

Director Albano said, at this time, it is unfair to base decisions on the well location and Director Wooster agreed.

SAC Chair Kelly provided the SAC report on this variance requestor, which is provided in the SAC report.

#### **MOTION**

Director Anselm made a motion to approve the ad hoc recommendation for David Lewis variance request. The motion was seconded by Director Albano, a roll call vote was made and passed with 100%.

AYES:	Albano, Anselm, Bantilan, Elliot, Klinchuch, Reely, Scrivner, Vickery, Williams Wooster, Yurosek
NOES:	None
ABSTAIN:	None
ABSENT:	None

Mr. Dominguez provided an overview of CCSH Farms, LLC variance request, which is provided in the Board packet.

Mack Carlson spoke on Doug Slumskie's behalf and explained the model is not accurate and Mr. Slumskie provided documentation showing his water use is higher than the allocation.

Director Yurosek asked for a report on the ad hoc recommendation and Mr. Dominguez replied the ad hoc recommendation is to deny the request and suggested Mr. Slumskie work with his nearby farmers to equally distribute their allocations.

Mr. Dominguez provided an overview of Duncan Family Farms, LLC and Aguila G-Boys, LLC, variance request, which is provided in the Board packet.

Derek Hoffman explained a letter was provided to the Board today and requested additional time to work with staff to fix the issues with the model. He said both the allocation methodology and proposed allocations have not been adequately explained by staff. Mr. Hoffman discussed the data that has been provided to staff which explains their water use. Mr. Hoffman explained he is disappointed staff will not provide written responses to questions posed until the Board makes a decision. He ended by saying Duncan acquired the property in 2010 and has demonstrated an increased water use in comparison to the previous owners.

Mark Ellsworth commented the farm is being forced to cut operations by a third or pay the fee for additional pumping.

Director Wooster said the data that was provided by Duncan Farms to the ad hoc for review did not indicate when the crops were planted.

Director Vickery commented it would be difficult to allow this variance request because it would raise concerns with other landowners who received their allocation based on the model rather than actual use. Director Vickery asked staff when the model will be run to incorporate suggested changes. Mr. Dominguez reviewed the timeline with the Board. Mr. Beck clarified the allocation spreadsheet will be updated, but the groundwater model will not be run because it was not budgeted for during this variance round.

Director Yurosek asked staff if there has been a review of other properties. Mr. Beck responded it was not budgeted to do a forensic analysis of each allocation and the purpose of this variance request was for individual landowners to identify whether there was an issue.

Director Wooster explained when the maps of irrigated fields were presented to the ad hoc it was difficult to determine whether the lands were actually irrigated or whether they were fallowed.

Director Reely asked if there is an appeal process if the Board chooses to deny the variance request. Legal Counsel Joe Hughes replied there is no additional appeal process, but the Board will revisit the allocation in two years.

Derek Hoffman clarified they are not intending to prolong the time in this process and is intending to be responsive when working with staff. Mark Ellsworth explained he is trying to figure out what to do with the land and is posed with the question whether to irrigate and pay the over pumping fee or fallow the land.

Director Albano commented that the major factor of this variance request is the historical time period and it is difficult to find an alternative to the ad hoc's recommendation. He continued to explain it is imperative the variance requestor participates in discussions as the allocation is developed for 2025.

#### **MOTION**

Director Vickery made a motion to approve ad hoc recommendation for Duncan Family Farms, LLC and Aguila G-Boys, LLC, variance request. The motion was seconded by Director Elliot, a roll call vote was made and passed with 93%.

AYES:	Albano, Anselm, Bantilan, Elliott, Klinchuch, Reely, Scrivner, Vickery, Williams Wooster
NOES:	Yurosek
ABSTAIN:	None
ABSENT:	None

Mack Carlson explained Doug Slumskie is uncomfortable to go back to the other two users of the well and ask for them to split their allocation evenly.

**MOTION**

Director Vickery made a motion to approve ad hoc recommendation for CESH Farms, LLC variance request. The motion was seconded by Chair Bantilan, a roll call vote was made and passed with 93%.

- AYES: Albano, Anselm, Bantilan, Elliott, Klinchuch, Reely, Scrivner, Vickery, Williams Wooster
- NOES: Yurosek
- ABSTAIN: None
- ABSENT: None

Director Vickery and Director Jane Wooster recused themselves and stepped out of the room during the discussion of the Grimmway Enterprises, LLC variance request.

Mr. Dominguez provided an overview of Grimmway Enterprise, LLC variance request which is provided in the Board packet.

Director Vickery and Director Wooster rejoined the meeting.

Director Vickery explained Grimmway is not requesting a change in the model, but rather set an expectation of the farm owners that they are not entitled to the water that is pumped on their land by a well that is located on a different parcel.

Director Vickery and Director Jane Wooster recused themselves and stepped out of the room during the voting of the Grimmway Enterprises, LLC variance request.

**MOTION**

Director Yurosek made a motion to approve Grimmway’s request to add the two notations to the allocation spreadsheet. The motion was seconded by Director Scrivner, a roll call vote was made and passed with 54%.

Director Reely asked if the suggested asterisk is for basin wide properties and Mr. Beck replied this would be applied to just the farming unit parcels.

- AYES: Elliott, Klinchuch, Reely, Scrivner, Yurosek
- NOES: Anselm, Albano, Bantian, Williams
- ABSTAIN: Vickery, Wooster
- ABSENT: None

Director Vickery and Director Wooster rejoined the meeting.

Director Yurosek recused himself and stepped out of the room during the discussion of the Bolthouse Land Company, LLC variance request.

Mr. Dominguez provided an overview of Bolthouse Land Company, LLC which is provided in the packet.

Director Albano asked if this is inconsistent with the GSA policy. Mr. Dominguez explained when Bolthouse Land Company purchased the property from Cuyama Solar there was a private agreement that indicated all water rights belong to Bolthouse Land Company, LLC.

Chair Bantilan explained the ad hoc recommendation was unanimous.

Director Yurosek stepped back in the room.

Bolthouse Land Company attorney Dan Clifford commented that the deed specifically indicated Bolthouse retained the water rights associated with the property.

Mack Carlson requested additional time to speak with his clients to consider the split that is being proposed in the Bolthouse variance request.

Director Yurosek recused himself and stepped out of the room during the voting of the Bolthouse Land Company, LLC variance request.

Director Albano made a motion to approve the ad hoc recommendation and Director Williams seconded the motion.

Director Wooster commented it is not the GSA's responsibility to determine the split and it should be up to the landowners to work that amongst themselves and agrees with the ad hoc committee's recommendation.

Director Vickery commented this request is something that will need to be considered during the next allocation.

**MOTION**

Director Albano made a motion to approve ad hoc recommendation for Bolthouse Land Company, LLC request. The motion was seconded by Director Williams, a roll call vote was made and passed with 100%.

AYES: Albano, Anselm, Bantilan, Elliott, Klinchuch, Reely, Scrivner, Vickery, Williams, Wooster  
 NOES: None  
 ABSTAIN: Yurosek  
 ABSENT: None

Director Yurosek rejoined the meeting.

Mr. Dominguez provided an overview of Sunrise Ranch Properties, LLC (Sunrise) which is provided in the agenda packet.

Attorney Tilden Kim explained Sunrise Ranch owners are olives growers and received an award

for demonstrating Sunrise Ranch’s dedication to sustainability. He explained Sunrise will not have enough water by 2030 to sustain their farming. Mr. Kim explained the request is not to prolong the process, but rather to work with staff to ensure it is accurate.

Mr. Kim responded that the table that was provided in the variance request shows staggered planting and as the plants mature there will be a greater demand for water.

Director Vickery commented the table provided is more accurate than the model, however staff does not have the benefit of having this data for every allocation. He continued to explain the GSA used the information that was available.

**MOTION**

Director Vickery made a motion to approve ad hoc recommendation for Sunrise Ranch Property variance request. The motion was seconded by Director Anselm, a roll call vote was made and passed with 93%.

- AYES: Albano, Anselm, Bantilan, Elliott, Klinchuch, Reely, Scrivner, Vickery, Williams Wooster
- NOES: Yurosek
- ABSTAIN: None
- ABSENT: None

**12. Approve Annual Report**

Mr. Van Lienden provided an overview on the requirements for the Water Year 2021-2022 annual report which is provided in the Board packet.

SAC Chair Kelly provided the SAC report on the annual report, which is provided in the SAC report.

**MOTION**

Director Yurosek made a motion to approve the annual report as presented by staff. The motion was seconded by Director Anselm, a roll call vote was made and passed with 100%.

- AYES: Albano, Anselm, Bantilan, Elliott, Klinchuch, Reely, Scrivner, Vickery, Williams Wooster, Yurosek
- NOES: None
- ABSTAIN: None
- ABSENT: None

**13. Consider Fee Equity**

Mr. Beck explained the Board requested this discussion be held annually to consider the fee equity which includes differentiating the fee based on the location of the pumper.

Director Albano asked staff if there are any restrictions to develop a fee structure. Mr. Hughes replied the CBGSA would have to go through a prop 218 to implement a tiered or land-based fee.

**14. Review of Budget Components**

Mr. Blakslee reviewed the background on the development of the budget components and reviewed changes made from last year's budget, which is provided in the Board packet.

Director Yurosek asked if there was a budget item for enforcement of water use reporting. Mr. Blakslee replied this was included in other components. Director Yurosek clarified there should be budget for staff to enforce landowners to have a meter and to report their water use and staff confirmed they would include this in the draft budget for Board consideration on May 3, 2023.

**15. Approve Landowners Agreement for Dedicated Monitoring Wells and Piezometers**

Mr. Blakslee reviewed the landowner agreement for dedicated monitoring wells and piezometers which is provided in the Board packet.

SAC Chair Kelly provided the SAC report on the landowner agreement for dedicated monitoring wells and piezometers, which is provided in the SAC report.

**MOTION**

Director Anselm made a motion to approve the recommended agreement with SAC's recommendation of adding latitude and longitude to geo-locate the site on Appendix A, subject to legal counsel to handle minor issues, and add a section where the landowner acknowledges data collected is public information. The motion was seconded by Director Albano, a roll call vote was made and passed with 100%.

AYES:	Albano, Anselm, Bantilan, Elliot, Klinchuch, Reely, Scrivner, Vickery, Williams Wooster, Yurosek
NOES:	None
ABSTAIN:	None
ABSENT:	None

**16. Discussion and Appropriate Action on Adaptive Management Analysis**

Mr. Beck reviewed the background on the adaptive management and the timeline which is provided in the Board packet.

Mr. Van Lienden reviewed the adaptive management analysis and two potential options which is provided in the Board packet.

SAC Chair Kelly provided the SAC report on the adaptive management analysis, which is provided in the SAC report.

Director Reely asked how long it would take to amend the GSP to implement the adaptive management. Mr. Beck replied it could be finalized in July 2023.

Director Albano asked which option would cost more. Mr. Beck replied the cost would be comparable but the CBGSA would have more control if it chose to amend the GSP.

Director Wooster asked what staff recommendation is. Mr. Beck replied it would be more appropriate to modify the minimum thresholds (MT) than change the undesirable results trigger.

Director Yurosek commented there are GSA's throughout California adjusting their thresholds and the Board should consider this in their decision.

Derek Hoffman asked if staff has contacted the well owners to discuss the impact and is unclear what the GSA gets from adjusting the MT.

Lynn Carlisle asked if MT will be changed well by well. Mr. Van Lienden replied there are certain wells whose MT's will be changed.

Director Yurosek commented the purpose was to have staff use data to demonstrate why the MT needs to be changed and every well does not need to have their MT changed.

Director Albano expressed concern for the analysis of at-risk wells.

Director Vickery commented that changing the MT's with data to drive the decision is the best option.

Director Albano explained it would be difficult for the Board to reach a super majority vote required to amend the GSP.

Director Wooster asked if staff has information on all the presented wells. Mr. Van Lienden replied all analysis that has been done is on wells that staff has information on.

#### **MOTION**

Director Yurosek made a motion to direct staff to work on option 1 as presented and ensure two additional wells are not impacted for presentation at the May 3, 2023, Board meeting. The motion was seconded by Director Vickery, a roll call vote was made and passed with 71%.

AYES:	Anselm, Klinchuch, Reely, Scrivner, Vickery, Williams Wooster, Yurosek
NOES:	Albano, Bantilan, Elliott
ABSTAIN:	None
ABSENT:	None

#### **17. Discuss and Take Appropriate Action on Strategy for Managing Pumping throughout the Basin**

Mr. Beck provided an overview of the strategy for managing pumping throughout the basin, which is provided in the Board packet.

SAC Chair Kelly provided the SAC report on the strategy for managing pumping throughout the basin, which is provided in the SAC report.

Director Albano commented there needs to be a clearer definition of at-risk wells and Mr. Beck replied this would be addressed.

#### **18. Discuss and Take Appropriate Action on Strategy for Continuing Evaluation of Basin Faults**

Woodward & Curran hydrogeologist Jim Strandberg reviewed the strategy for continuing evaluation of the basin faults, which is provided in the Board packet.

SAC Chair Kelly provided the SAC report on the strategy for continuing evaluation of the basin faults, which is provided in the SAC report.

Mr. Beck reminded the Board the grant does not support the cost of this item and the Board could either direct staff to factor this in the budget to see what impact it would have on the assessment fee or hold off on this item until it can be funded by a future grant.

Director Yurosek asked staff if this would help the overall model by addressing this data gap. Mr. Van Lienden replied it would help improve the model.

Director Vickery commented that part of the approved cutbacks was to better understand how the Basin's water flows and the GSA should consider approving this work.

Chair Bantilan agreed with Director Yurosek and Director Vickery.

Director Albano expressed concern with approving the cost of this analysis. Mr. Beck replied this study can help better understand the Basin, but if the Board expects this work to provide a concrete answer to flows across the fault they should not do it. However, he expressed his personal opinion that this work would be very valuable in providing additional data to improve the model.

The Board provided consensus for staff to include this cost in the budget and present to the Board for approval at the May 3, 2023 Board meeting.

## REPORT ITEMS

### 19. Administrative Updates

#### a. Report of the Executive Director

Mr. Blakslee provided an update on Hallmark Group progress and next steps and an overview of the CBGSA's expenses and budget-to-actuals, which are included in the Board packet.

#### b. Report of the General Counsel

Nothing to report.

### 20. Technical Updates

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

Mr. Van Lienden provided an update on the accomplishments for January and February 2023.

#### b. Update on Annual Report Development

Mr. Van Lienden provided an update on the annual report timeline and components which are included in the packet.

**c. Update on Effort to Address Well Data Gaps**

Mr. Blakslee provided an update on the effort to address well data gaps which is included in the Board packet.

**d. Update on January 2023 Groundwater Conditions Report**

Mr. Van Lienden presented the January 2023 groundwater conditions report which is included in the packet.

**21. Report of the Ad Hoc Committee**

Nothing to report.

**22. Directors' Forum**

Director Yurosek requested enforcement of water use be considered in the budget.

Chair Bantilan requested the list of ad hoc members be updated.

**23. Public comment for Items Not on the Agenda**

No comments.

**24. Correspondence**

No comments.

**25. Closed Session**

No comments.

**26. Adjourn**

Chair Bantilan adjourned the meeting at 7:31 p.m.

-----  
BOARD OF DIRECTORS OF THE  
CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY

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

ATTEST:

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



TO: Board of Directors  
Agenda Item No. 6

FROM: Taylor Blakslee, Hallmark Group

DATE: May 3, 2023

SUBJECT: Approval of Payment of Bills for March 2023

**Recommended Motion**

Approve payment of the bills for March 2023 in the amount of \$217,004.28

**Discussion**

Consultant invoices for the months of March 2023 are provided as Attachment 1 and summarized below.

<b>Expense</b>	<b>March 2023</b>	<b>Totals</b>
<b>W&amp;C</b> – Technical support services	\$138,440.25	\$138,440.25
<b>Hallmark</b> – Executive Director services	\$40,958.10	\$40,958.10
<b>Insurica</b> – Annual insurance policy renewal	\$14,498.00	\$14,498.00
<b>USGS</b> – Quarterly invoice for O&M of two (2) stream gauges	\$13,150.00	\$13,150
<b>Klein</b> – Legal services	\$7,661.00	\$7,661.00
<b>Mailed Notices</b> – Well information surveys and non-reporting pumpers	\$1,154.15	\$1,154.15
<b>P&amp;P</b> – Quarterly Groundwater level measurements	\$1,142.78	\$1,142.78
<b>TOTAL</b>		<b>\$217,004.28</b>



## INVOICE

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

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

**Invoice No.:** 2023-CBGSA-03  
**Date:** March 31, 2023  
**Agreement No.:** 201709-CB-001  
**Project:**  
**Task Order:** CB-HG-008

For professional services rendered for the month of March 2023:

Task No.	Task Description	Personnel	Billing Classification	Hours	Rate	Amount
1	Board of Directors Meetings	J. Beck	Executive Director	33.75	\$ 350.00	\$ 11,812.50
		T. Blasklee	Project Manager	42.00	\$ 175.00	\$ 7,350.00
		J. Montoya	Project Coordinator	29.75	\$ 125.00	\$ 3,718.75
<b>Total Task 1 Labor</b>						<b>\$ 22,881.25</b>
2	Consultant Mgmt and GSP Impl	J. Beck	Executive Director	2.25	\$ 350.00	\$ 787.50
		T. Blasklee	Project Manager	11.00	\$ 175.00	\$ 1,925.00
		J. Montoya	Project Coordinator	4.75	\$ 125.00	\$ 593.75
<b>Total Task 2 Labor</b>						<b>\$ 3,306.25</b>
3	Financial Information Coordination	J. Harris	Project Controls	9.75	\$ 200.00	\$ 1,950.00
		T. Blasklee	Project Manager	7.00	\$ 175.00	\$ 1,225.00
		H. Fuentes	Project Admin	0.50	\$ 150.00	\$ 75.00
		J. Montoya	Project Coordinator	1.50	\$ 125.00	\$ 187.50
<b>Total Task 3 Labor</b>						<b>\$ 3,437.50</b>
4	CBGSA Outreach	T. Blasklee	Project Manager	1.00	\$ 175.00	\$ 175.00
		J. Montoya	Project Coordinator	0.00	\$ 125.00	\$ -
<b>Total Task 4 Labor</b>						<b>\$ 175.00</b>
5	Groundwater Extraction Fee Funding	J. Harris	Project Controls	0.00	\$ 200.00	\$ -
		T. Blasklee	Project Manager	12.25	\$ 175.00	\$ 2,143.75
		J. Montoya	Project Coordinator	12.00	\$ 125.00	\$ 1,500.00
<b>Total Task 5 Labor</b>						<b>\$ 3,643.75</b>
6	Support for DWR and Public Comments	T. Blasklee	Project Manager	5.00	\$ 175.00	\$ 875.00
		J. Montoya	Project Coordinator	0.00	\$ 125.00	\$ -
<b>Total Task 6 Labor</b>						<b>\$ 875.00</b>
7	Central Management Area Policy	T. Blasklee	Project Manager	36.75	\$ 175.00	\$ 6,431.25
		J. Montoya	Project Coordinator	0.00	\$ 125.00	\$ -
<b>Total Task 7 Labor</b>						<b>\$ 6,431.25</b>
<b>Total Labor</b>						<b>\$ 40,750.00</b>
Other Direct Costs (ODC)		Naagtag - Board Director Name Plates				\$ 127.15
		Office Depot - Meeting Agendas				\$ 16.08
		Hall Letter Shop - Printing/Mailing Surveys for Potential Non-Reported Irrigators				\$ 1,154.15
<b>Total ODC</b>						<b>\$ 1,297.38</b>
<b>5% ODC Mark-Up</b>						<b>\$ 64.87</b>
<b>TOTAL AMOUNT DUE THIS INVOICE</b>						<b>\$ 42,112.25</b>

## Maximum Contract Value and Progress Billing

Sub Task	Contract Value	Amendments/ Change Orders	Total Committed	Previously Billed	Current Billing	Remaining Balance
CB-HG-008	\$ 284,306.00	\$ 20,500.00	\$ 304,806.00	\$ 190,843.75	\$ 40,750.00	\$ 73,212.25
Other Direct Costs	\$ 5,694.00	\$ -	\$ 5,694.00	\$ 11,746.72	\$ 1,362.25	\$ (7,414.97)
<b>Total</b>	<b>\$ 290,000.00</b>	<b>\$ 20,500.00</b>	<b>\$ 310,500.00</b>	<b>\$ 202,590.47</b>	<b>\$ 42,112.25</b>	<b>\$ 65,797.28</b>

**Subject:** \*Your order is in processing\*

## Thank you for the Order on Naagtag

Hi Taylor,

we've received your order #346308, and it is now being processed:

### [Order #346308] (04/04/2023)

Product	Quantity	Price
Standard Processing	1	\$0.00
Name Plates - Engraved Text <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> <li>• <b>Select Font:</b> Choose a Different Font</li> <li>• <b>Please Specify Font:</b> Calibri (Body)</li> </ul>	1	\$6.95

- **PLEASE REMEMBER TO INPUT THE CORRECT QUANTITY:**

Quantity Field Below ↓

<b>Subtotal:</b>	\$118.15
<b>Shipping:</b>	\$9.00 via USPS Priority Mail (2-3 business days)
<b>Tax:</b>	\$0.00
<b>Payment method:</b>	Credit Card (SecureSubmit)
<b>Total:</b>	\$127.15

### Billing address

### Shipping address

<p><i>Taylor Blakslee</i> 500 Capitol Mall Suite 2350 Sacramento, CA 95814 <a href="tel:(661)316-9340">(661) 316-9340</a> <a href="mailto:jmontoya@hgcpm.com">jmontoya@hgcpm.com</a></p>	<p><i>Taylor Blakslee</i> 4900 California Avenue Tower B, Second Floor Bakersfield, CA 93309</p>
--	--

Thanks for using naagtag.com!

# Office DEPOT. OfficeMax®

BAKERSFIELD - (661) 324-5457  
03/21/2023 11:42 AM



V2VT9XUUX55Y44FB

SALE	952-21-9261-1111-22.12.2	
354494 DS B&W Letter		
80 @ 0.15	12.00	
<b>You Pay</b>		<b>12.00SS</b>
281315 SS B&W Letter		
19 @ 0.15	2.85	
<b>You Pay</b>		<b>2.85SS</b>
Subtotal:	14.85	
Sales and Use Tax	1.23	
Total:	16.08	
Visa 9066:	16.08	

AUTH CODE 08045G  
TDS Chip Read  
AID A000000031010 CAPITAL ONE VISA  
CVS No Signature Required

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\*\*\*\*\*

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and enter the survey code below  
16HX 64CA NKXW  
or scan the below QR code



\*\*\*\*\*

**From:** [Joshua Montoya](#)  
**To:** [Jacqueline Harris](#)  
**Subject:** FW: Payment Receipt #25866  
**Date:** Friday, March 10, 2023 9:54:57 AM

---

Jacqueline,

Below is the receipt for the Cuyama Basin mailout for potential non-reported irrigators. This is billable to the client. Have a great day!

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



Persistence | Proficiency | Performance

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:** Hall Letter Shop <halllettershop@printreachpay.com>  
**Sent:** Friday, March 10, 2023 9:53 AM  
**To:** Joshua Montoya <jmontoya@hgcpm.com>  
**Subject:** Payment Receipt #25866

**Transaction Receipt**

Hall Letter Shop  
 5200 Rosedale Hwy.  
 Bakersfield, CA 93308  
 (661) 327-3228

<b>Transaction Date:</b>	3/10/2023 9:52:55 AM
<b>Customer ID:</b>	0
<b>Customer Name:</b>	Hallmark Group
<b>Invoice:</b>	25866
<b>Card Last 4:</b>	9066
<b>Payment Method:</b>	Visa
<b>Card Entry Context:</b>	WebConsumerInitiated

**Card Entry Method:** ManualEntryCardNotPresent  
**Name On Account:** The Hallmark Group

**Transaction ID:** 6795975652  
**Host Response Code:** 00  
**Approval Number:** 07660G

**Approved**

**Transaction Type:** Sale  
**Applied to Invoice:** \$1,154.15  
**Payment Amount:** \$1,154.15

# CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY

## PROGRESS REPORT FOR TASK ORDER CB-HG-008

<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-008	<b>Report Period:</b>	March 1-31, 2023
<b>Progress Report Number:</b>	49	<b>Project Manager:</b>	Jim Beck
<b>Invoice Number:</b>	2023-CBGSA-03	<b>Invoice Date:</b>	March 31, 2023

## SUMMARY OF WORK PERFORMED

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

- Prepared and sent Public Record Request.
- Updated landowner's mailing address.
- Coordinated Form 700s.
- Completed 2022 Government Compensation in California Report.
- Prepared for and facilitated Director orientation meeting on March 20, 2023.
- Completed Meeting Packet for SAC meeting on March 23, 2023 and Board meeting on March 29, 2023.
- Developed and sent Director's summary of Board action items.
- Prepared for and facilitated SAC meeting on March 23, 2023.
- Prepared for and facilitate Board meeting on March 29, 2023

### Task 2: Consultant Management and GSP Implementation

- Prepared for and facilitated Well Data Improvement ad hoc on March 1, 2023.
- Recorded well information survey.
- Attended N-4-23 Recharge webinar.
- Correspondence with Woodward and Curran (W&C) project manager Brian Van Lienden regarding Annual report.

### Task 3: Financial Information Coordination

- Billing and administration.
- Correspondence with consultants for estimated costs for fiscal year 2023-2024.
- Reviewed fiscal year 2023-2024 budget components with Brian Van Lienden.
- Prepared for and facilitated fiscal year 2023-2024 budget ad hoc on March 15, 2023.

### Task 4: Cuyama Basin GSA Outreach

- Correspondence with landowner regarding Cuyama issues.

**Task 5: Groundwater Extraction Fee Funding**

- Processed submitted water use forms.
- Call with Sunridge regarding reported water use.
- Coordinated with landowners on 2022 water use forms.
- Correspondence with High Jack Ranch regarding un-reported water use.

**Task 6: Support/Public Comments**

- Correspondence with Monica Reis regarding Groundwater Sustainability Plan (GSP) announcement.
- Correspondence with legal regarding Cuyama determination for GSP.
- Attended California Department of Water Resources media event on March 2, 2023.

**Task 7: Management Area Policy**

- Prepared for and facilitated an ad hoc to review all variance request submitted on March 8, 2023.
- Prepared for and facilitated Slumskie Variance Consultation Meeting on March 14, 2023.
- Prepared for and facilitated Bolthouse Land and Company Variance Consultation Meeting on March 14, 2023.
- Prepared for and facilitated Duncan and Aguila G-Boys Variance Consultation Meeting on March 14, 2023.
- Prepared for and facilitated Sunrise Ranch Variance Consultation Meeting on March 16, 2023.
- Prepared for and facilitated Grimmway Variance Consultation Meeting on March 16, 2023.
- Prepared for and facilitated David Lewis Variance Consultation Meeting on March 17, 2023.
- Coordinated with legal on ad hoc recommendations to variance requestors.
- Mailed ad hoc recommendations to variance requestors.

**DELIVERABLES AND COMPLETED TASKS**

- Facilitated six (6) variance consultation meetings on March 14, 16, and 17, 2023.
- Facilitated FY 23-24 budget ad hoc on March 15, 2023.
- Facilitated SAC special meeting on March 23, 2023
- Facilitated Board special meeting on March 29, 2023.

**PLANNED OBJECTIVES FOR NEXT REPORTING PERIOD**

- Finalize work on Central Management Area policies and allocations.
- Draft final FY 23-24 budget and cash flow.
- Draft FY 23-24 Groundwater Extraction Fee report.

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

- N/A

455 W. Fir Avenue  
 Clovis, CA 93611  
 (559) 449-2700  
 Fax (559) 449-2715



Cuyama GSA  
 4900 California Ave., Tower B, 2nd Floor  
 Bakersfield, CA 93309

April 13, 2023  
 Project No: 03930-22-001  
 Invoice No: 99765

**Project Name:** Cuyama GSA-CBGSA Groundwater Level Monitoring for 2023

**Client Project #:**

**Phase LVL 2022:**

General Correspondence with well owners.

Quarterly levels event preparation

Project management

**Professional Services from March 1, 2023 to March 31, 2023**

Phase: LVL Groundwater Level Monitoring

**Labor**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Assistant Engineer	.50	126.00	63.00	
Associate Envir. Spec	6.00	140.00	840.00	
Totals	6.50		903.00	
<b>Total Labor</b>				<b>903.00</b>

**Reimbursable Expenses**

Other Direct Reimb Expenses			239.78	
<b>Total Reimbursables</b>			<b>239.78</b>	<b>239.78</b>

**Total this Phase: \$1,142.78**

**Total this Invoice \$1,142.78**

Project 03930-22-001 CBGSA Groundwater Level Monitoring for 2 Invoice 99765

## Billing Backup

Thursday, April 13, 2023

Provost & Pritchard Consulting Group

Invoice 99765 Dated 4/13/2023

2:27:49 PM

Phase: LVL Groundwater Level Monitoring

### Labor

			Hours	Rate	Amount
Assistant Engineer					
1026 - Poire, Luis	3/22/2023		.50	126.00	63.00
Associate Envir. Spec					
1154 - Vander Schuur, Jon	3/6/2023		2.00	140.00	280.00
1154 - Vander Schuur, Jon	3/20/2023		1.00	140.00	140.00
1154 - Vander Schuur, Jon	3/22/2023		1.00	140.00	140.00
1154 - Vander Schuur, Jon	3/23/2023		2.00	140.00	280.00
Totals			6.50		903.00
<b>Total Labor</b>					<b>903.00</b>

### Reimbursable Expenses

#### Other Direct Reimb Expenses

AP 57794	3/20/2023	Business Card (4082) / 1/24/23 Hotel: Field work - correction / Invoice: 4082 February 2023, 2/4/2023		239.78	
<b>Total Reimbursables</b>				<b>239.78</b>	<b>239.78</b>

**Total this Phase: \$1,142.78**

**Total this Project: \$1,142.78**

**Total this Report: \$1,142.78**

## Progress Report



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### Cuyama Basin Groundwater Sustainability Plan Development

**Subject:** March 2023 Progress Report

Jim Beck, Executive Director,

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

**Prepared by:** Micah Eggleton, Woodard & Curran

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

**Date:** April 17, 2023

**Project No.:** 0011078.01

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This progress report summarizes the work performed and project status for the period of February 25, 2023 through March 31, 2023 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 10, issued by the CBGSA on May 4, 2022. Work previously authorized on Task Orders 1 through 9 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 Tables 1. Table 1 shows work under Task Order 10.

Table 1: Summary of Task/Deliverables Status for Task Order 10

Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 45: FY23 Stakeholder/Board and Outreach Engagement Support</b>	<ul style="list-style-type: none"> <li>• Prepare for and participate in ad-hoc calls</li> <li>• Prepare materials for Board meeting and packet</li> <li>• Participation in March 1 and March 29 Board meetings</li> <li>• Updates to GSA website</li> </ul>	75%	<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 46: FY23 Grant Administration</b>	<ul style="list-style-type: none"> <li>• Coordination, budget and schedule management related to grant tasks</li> <li>• Prepared revised second grant invoice and submitted to DWR</li> <li>• Revised progress report, invoice and backup documentation for second grant invoice</li> </ul>	75%	<ul style="list-style-type: none"> <li>• Prepare third grant invoice and submit to DWR</li> <li>• Further grant administration and invoicing</li> </ul>
<b>Task 47: FY23 Ongoing Monitoring and Data Management Support</b>	<ul style="list-style-type: none"> <li>• Program management, coordination and data management related to monitoring activities</li> <li>• Uploading data to DMS</li> <li>• Development of sustainability features into DMS</li> </ul>	95%	<ul style="list-style-type: none"> <li>• Data analysis and regular reporting of groundwater levels and quality monitoring data</li> <li>• Finalize DMS development for current fiscal year</li> </ul>
<b>Task 48: FY23 Monitoring Network Enhancements</b>	<ul style="list-style-type: none"> <li>• Additional outreach with landowners for potential well and piezometer installation</li> <li>• GIS and data analysis to determine alternate site locations</li> <li>• Prepared draft landowner agreement for well installation</li> <li>• Prepared bid documents for well and piezometer installation and sent out to potential contractors</li> <li>• Coordination with GSA staff and ad-hoc committee</li> </ul>	30%	<ul style="list-style-type: none"> <li>• Continue outreach to landowners for potential well and piezometer installation and finalize agreements</li> <li>• Review bids for well and piezometer installation and prepare recommendation for Board consideration</li> </ul>

Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 49: FY23 Projects &amp; Management Action Implementation</b>	<ul style="list-style-type: none"> <li>• Revised technical approaches for adaptive management per Board direction</li> <li>• Development of meeting material for ad-hoc meetings</li> <li>• Continued support for variance requests, including participation in meetings with staff and development of alternative approaches</li> <li>• Performed technical analysis related to pumping wells and GDEs to support adaptive management and project analysis</li> </ul>	75%	<ul style="list-style-type: none"> <li>• Develop draft Supplemental GSP section on revised sustainability criteria</li> <li>• Develop revised allocation tables per Board direction</li> <li>• Continued data analysis, drafting, and support of implementation of projects and management actions</li> </ul>
<b>Task 50: FY23 GSP Implementation, Outreach, &amp; Compliance Activities</b>	<ul style="list-style-type: none"> <li>• Coordination among GSA Board, staff and stakeholders</li> <li>• Ongoing budget tracking, schedule management, and quality assurance/quality control of project implementation activities</li> <li>• Developed draft Annual Report document, including performing technical analysis and drafting document sections</li> <li>• Developed final Annual Report document and submitted to DWR</li> <li>• Coordination related to potential responses to DWR on GSP documents</li> </ul>	60%	<ul style="list-style-type: none"> <li>• PMA implementation support including analysis and material preparation</li> <li>•</li> </ul>
<b>Task 51: FY23 Improve Understanding of Basin Water Use</b>	<ul style="list-style-type: none"> <li>• Performed revised land use estimation analysis for historical years</li> <li>• GIS analysis and coordination calls with DWR staff to support CIMIS station installation</li> <li>• Coordination with consultants for aerial survey of river channel</li> </ul>	40%	<ul style="list-style-type: none"> <li>• Continued support for weather station, river channel survey and land use project implementation</li> </ul>

Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 52: Support for DWR Technical Support Services</b>	<ul style="list-style-type: none"> <li>None during billing period</li> </ul>	0%	<ul style="list-style-type: none"> <li>Support DWR TSS activities as needed</li> </ul>
<b>Task 53: Preparation of Grant Proposal</b>	<ul style="list-style-type: none"> <li>None during billing period</li> </ul>	100%	<ul style="list-style-type: none"> <li>No additional work is anticipated</li> </ul>

## 2 Budget Status

Table 2 shows the percent spent for each task under Task Order 10 as of March 31, 2023. 54% of the available Task Order 10 budget has been expended (\$768,014.67 out of \$1,423,667).

**Table 2: Budget Status for Task Order 10**

Task	Total Budget	Spent Previously	Spent this Period	Total Spent to Date	Budget Remaining	% Spent to Date
45	\$145,650.00	\$82,085.67	\$19,801.50	\$101,887.17	\$43,762.83	70%
46	\$100,060.00	\$68,763.75	\$7,210.00	\$75,973.75	\$24,086.25	76%
47	\$44,810.00	\$36,947.50	\$6,765.00	\$43,712.50	\$1,097.50	98%
48	\$460,160.00	\$100,467.50	\$28,837.50	\$129,305.00	\$330,855.00	28%
49	\$305,950.00	\$188,403.75	\$49,626.25	\$238,030.00	\$67,920.00	78%
50	\$150,050.00	\$79,671.25	\$13,260.00	\$92,931.25	\$57,118.75	62%
51	\$154,992.00	\$48,291.25	\$12,940.00	\$61,231.25	\$93,760.75	40%
52	\$20,030.00	\$0.00	\$0.00	\$0.00	\$20,030.00	0%
53	\$41,965.00	\$24,943.75	\$0.00	\$24,943.75	\$17,021.25	59%
<b>Total</b>	<b>\$1,423,667.00</b>	<b>\$629,574.42</b>	<b>\$138,440.25</b>	<b>\$768,014.67</b>	<b>\$655,652.33</b>	<b>54%</b>

## 3 Schedule Status

The project is on schedule. Work authorized under Task Orders 1 through 9 is complete.

## 4 Outstanding Issues to be Coordinated

None



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

T 800.426.4262  
 T 207.774.2112  
 F 207.774.6635

**INVOICE** 37

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

April 17, 2023  
 Project No: 0011078.01  
 Invoice No: 217825

Project 0011078.01 CUYAMA GSP

**Professional Services for the period ending March 31, 2023**

Phase 045 FY 22/23 STAKEHOLDER/BOARD AND OUTREACH ENGAGEMENT SUPPORT

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Drafter				
Fox, Adam	2.75	150.00	412.50	
Project Manager 2				
Van Lienden, Brian	27.50	315.00	8,662.50	
Project Planner 1				
Eggleton, Charles	34.75	265.00	9,208.75	
Technical Specialist 2				
Eggleton, Charles	6.00	225.00	1,350.00	
<b>Totals</b>	<b>71.00</b>		<b>19,633.75</b>	
<b>Labor Total</b>				<b>19,633.75</b>

**Consultant**

Sub - Consultant Miscellaneous				
3/31/2023 THE CATALYST GROUP	THE CATALYST GROUP Inv#		152.50	
	760			
<b>Consultant Total</b>	<b>1.1 times</b>	<b>152.50</b>		<b>167.75</b>
	<b>Total this Phase</b>			<b>\$19,801.50</b>

Phase 046 FY 22/23 GRANT ADMINISTRATION

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Project	0011078.01	CUYAMA GSP	Invoice	217825
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**Professional Personnel**

	Hours	Rate	Amount	
Planner 3				
Valenzuela, George	1.75	250.00	437.50	
Project Manager 2				
Van Lienden, Brian	21.50	315.00	6,772.50	
Totals	23.25		7,210.00	
<b>Labor Total</b>				<b>7,210.00</b>
				<b>Total this Phase</b>
				<b>\$7,210.00</b>

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Phase	047	FY 22/23 ONGOING MONITORIING AND DATA MANAGEMENT SUPPORT
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**Professional Personnel**

	Hours	Rate	Amount	
Designer				
Li Guan, Javier	25.45	200.00	5,090.00	
Senior Project Manager				
Long, Jeanna	5.00	335.00	1,675.00	
Totals	30.45		6,765.00	
<b>Labor Total</b>				<b>6,765.00</b>
				<b>Total this Phase</b>
				<b>\$6,765.00</b>

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Phase	048	FY 22/23 MONITORING NETWORK ENHANCEMENTS
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**Professional Personnel**

	Hours	Rate	Amount
Designer			
Morison, Michael	5.00	200.00	1,000.00
Project Assistant			
Hodgens, Jennifer	4.25	130.00	552.50
Project Manager 2			
Van Lienden, Brian	1.50	315.00	472.50
Senior Project Manager			
Strandberg, James	78.75	335.00	26,381.25

Project	0011078.01	CUYAMA GSP		Invoice	217825
	Senior Technical Leader				
	House, Jason		1.25	345.00	431.25
	Totals		90.75		28,837.50
	<b>Labor Total</b>				<b>28,837.50</b>
				<b>Total this Phase</b>	<b>\$28,837.50</b>

Phase 049 FY 22/23 PROJECT & MANAGEMENT ACTION IMPLEMENTATION

#### Professional Personnel

	Hours	Rate	Amount
Designer			
Li Guan, Javier	110.00	200.00	22,000.00
Engineer 1			
Camille, Adrien	40.50	200.00	8,100.00
Project Assistant			
Sentz-Casas, Christine	.25	130.00	32.50
Project Engineer 2			
Ceyhan, Mahmut	9.50	280.00	2,660.00
Project Manager 2			
Van Lienden, Brian	40.00	315.00	12,600.00
Project Planner 1			
Eggleton, Charles	6.00	265.00	1,590.00
Technical Specialist 2			
Lucy, Caleb	11.75	225.00	2,643.75
	Totals		49,626.25
	<b>Labor Total</b>		<b>49,626.25</b>
		<b>Total this Phase</b>	<b>\$49,626.25</b>

Phase 050 FY 22/23 GSP IMPLEMENTATION, OUTREACH, AND COMPLIANCE ACTIVITIES

#### Professional Personnel

	Hours	Rate	Amount
Planner 1			
Vallarta, Maria Arthella	6.75	200.00	1,350.00
Project Manager 2			
Van Lienden, Brian	12.00	315.00	3,780.00

Project	0011078.01	CUYAMA GSP	Invoice	217825
Project Planner 1				
	Cochran, Natalie	.25	265.00	66.25
	De Anda, Vanessa	27.50	265.00	7,287.50
Senior Technical Leader				
	Blanke, James	.25	345.00	86.25
	Taghavi, Ali	2.00	345.00	690.00
	Totals	48.75		13,260.00
	<b>Labor Total</b>			<b>13,260.00</b>
			<b>Total this Phase</b>	<b>\$13,260.00</b>

Phase 051 FY 22/23 IMPROVE UNDERSTANDING OF BASIN WATER USE

**Professional Personnel**

	Hours	Rate	Amount	
Project Planner 1				
	De Anda, Vanessa	4.00	265.00	1,060.00
	Totals	4.00		1,060.00
	<b>Labor Total</b>			<b>1,060.00</b>

**Consultant**

Sub - Consultant Miscellaneous				
3/31/2023	LAND IQ, LLC	LAND IQ Inv# 5404	10,800.00	
	<b>Consultant Total</b>	<b>1.1 times</b>	<b>10,800.00</b>	<b>11,880.00</b>
		<b>Total this Phase</b>		<b>\$12,940.00</b>
		<b>Total this Invoice</b>		<b>\$138,440.25</b>

	Current Fee	Previous Fee	Total
<b>Project Summary</b>	<b>138,440.25</b>	<b>4,299,244.89</b>	<b>4,437,685.14</b>

Approved by:   
 Brian Van Lienden  
 Senior Project Manager  
 Woodard & Curran

**Invoice**

The Catalyst Group, Inc.  
25 Brushwood Lane  
Greenbrae, CA 94904

Date	Invoice #
4/5/2023	760

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**Bill To**

Woodard & Curran Brian Van Lienden 801 T Street Sacramento, CA 95811
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Project #	Project
	Cuyama GSP

Date	Item	Description	Quantity	Rate	Amount
1/5/2023	Task 10-Gardiner	Coordination	0.25	225.00	56.25
3/23/2023	Task 10-Gardiner	Form 700	0.25	225.00	56.25
12/1/2022	Materials - Pope	Progress report	0.25	160.00	40.00

**Job Total Balance**

-\$98.21

**Total**

\$152.50

**Current Due**

\$152.50



## MonthlyProgressReport-March2023

**To:** Brian Van Lienden

**From:** Aaron Pope

**Date:** April 5, 2023

**Re:** March 2023 Progress Report

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The following summarizes the Catalyst activities for the Cuyama Groundwater Sustainability Plan for the month of March 2023.

### **Work Completed**

- Coordinated with GSA staff on newsletter.
- Complete Form 700.

### **Work Planned for Next Month**

- Finalize newsletter.
- Review project documents.
- Attend Board and SAC meetings as requested.

### **Issues for Resolution**

- None.



2020 L Street Suite 210  
 Sacramento, CA 95811

# 43 Invoice

Date	Invoice #
4/11/2023	5404

<b>Bill To</b>
Woodard Curran Brian Van Lienden 41 Hutchins Drive Portland, ME 04012

<b>Ship To</b>
Woodard Curran Brian Van Lienden 41 Hutchins Drive Portland, ME 04012

Terms	Project Manager	Ship	Via	Project
Due on receipt	JK	4/11/2023	Email	

Quantity	Item Code	Description	Price Each	Amount
1	LS	Task 2 - Historical Crop Mapping: \$10,800	10,800.00	10,800.00

Please remit to above address.

Phone #	Fax #	E-mail
(916) 812-1825		kgunther@landiq.com

**Total** \$10,800.00



PO Box 1960  
Porterville, CA 93258  
Phone: (559) 781-5200 Fax: (559) 781-3229  
www.INSURICA.com

**Cuyama Basin Ground Water Sustainability Agency**  
**130 E. Victoria Ste. 200**  
**Santa Barbara, CA 93101**

<b>Invoice # 290878</b>	<b>3/30/2023</b>
Account Number	Insurance Agent
<b>CUYABAS01C</b>	Daren Griswold, CIC, CLCS
Balance Due On	Invoiced By
<b>4/1/2023</b>	MHERNANDEZ
Amount Paid	Amount Due
	<b>\$14,498.00</b>

<b>General Liability</b>	<b>Policy Number: APJMP00124 01</b>	<b>Effective: 04/01/2023 to 04/01/2024</b>
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Trans Eff Date	Due Date	Trans	Description	Amount
Apr 1, 2023	04/01/2023	PREM	4/1/2023 - 4/1/2024 General Liability Policy Premium	\$10,753.00
Apr 1, 2023	04/01/2023	FTOT	JPRIMA Administration Fee	\$1,410.00

<b>Excess Liability</b>	<b>Policy Number: APJXS00124 01</b>	<b>Effective: 04/01/2023 to 04/01/2024</b>
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Trans Eff Date	Due Date	Trans	Description	Amount
Apr 1, 2023	04/01/2023	PREM	4/1/2023 - 4/1/2024 Excess Liability Policy Premium	\$2,335.00

**Total Invoice Balance: \$14,498.00**

Please make check payable to: INSURICA

**Pay Online at [www.insurica.com/pay/](http://www.insurica.com/pay/)**

**Payment Options:**

**Mail to Branch OR visit [www.INSURICA.com/PAY/](http://www.INSURICA.com/PAY/). For online transactions use the INSURICA Account Number listed at the bottom and top of the invoice. Convenience fees will apply for online transactions.**

Make Remittance Payable To: U.S. Geological Survey  
Billing Contact: Cade Castro Phone: ccastro@usgs.gov

Bill #: 91063411  
Customer: 6000007725  
Date: 04/20/2023  
Due Date: 06/19/2023

Remit Payment To: United States Geological Survey  
P.O. Box 6200-27  
Portland, OR 97228-6200

Payer: CUYAMA BASIN GROUNDWATER  
SUSTAINABILITY  
AGENCY  
4900 CALIFORNIA AVE, TOWER B, 2ND FL  
BAKERSFIELD CA 93309

Additional forms of payment may be accepted. Please email GS-A-HQ\_RMS@USGS.GOV or call 703-648-7683 for additional information.

To pay through Pay.gov go to <https://www.pay.gov>.

Checks must be made payable to U.S. Geological Survey. Please detach the top portion or include bill number on all remittances.

Amount of Payment: \$ \_\_\_\_\_

Date	Description	Qty	Unit Price		Amount
			Cost	Per	
04/20/2023	Quarterly billing for cooperative water resource investigations in the Cuyama Basin Groundwater Sustainability Agency area, per a Joint Funding Agreement (JFA) 23ZGJFA06000065 between the Cuyama Basin Groundwater Sustainability Agency and the USGS. This JFA was accepted by your agency on 09/16/2022.  Quarterly bills cover billing periods as follows: Federal FY Qtr 1 10/01/2022 - 12/31/2022 Federal FY Qtr 2 01/01/2023 - 03/31/2023 Federal FY Qtr 3 04/01/2023 - 06/30/2023 Federal FY Qtr 4 07/01/2023 - 09/30/2023 23ZGJFA06000065	1	13,150.00	1	13,150.00

Amount Due this Bill: 13,150.00

Accounting Classification:  
Sales Order: 110595  
Sales Office: GWZG  
Customer: 6000007725  
Accounting #: 10891629

TIN: \*\*\*\*\*7328



TO: Board of Directors  
Agenda Item No. 7

FROM: Taylor Blakslee, Hallmark Group

DATE: May 3, 2023

SUBJECT: Approval of Financial Reports for March 2023

**Recommended Motion**

Approve financial reports for March 2023.

**Discussion**

The Cuyama Basin Groundwater Sustainability Agency's financial reports for March 2023 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
- 2022/2023 Operating Budget



# **Cuyama Basin GSA**

## **Financial Statements**

### **March 2023**

**CUYAMA BASIN GSA**  
**Statement of Financial Position**  
As of March 31, 2023

	Mar 31, 23	Mar 31, 22	\$ Change	% Change
<b>ASSETS</b>				
<b>Current Assets</b>				
<b>Checking/Savings</b>				
Chase - General Checking	873,317	1,161,725	-288,408	-25%
<b>Total Checking/Savings</b>	873,317	1,161,725	-288,408	-25%
<b>Accounts Receivable</b>				
Accounts Receivable	1,237,486	311,976	925,510	297%
<b>Total Accounts Receivable</b>	1,237,486	311,976	925,510	297%
<b>Other Current Assets</b>				
Grant Retention Receivable	131,013	0	131,013	100%
<b>Total Other Current Assets</b>	131,013	0	131,013	100%
<b>Total Current Assets</b>	2,241,816	1,473,701	768,115	52%
<b>TOTAL ASSETS</b>	<b>2,241,816</b>	<b>1,473,701</b>	<b>768,115</b>	<b>52%</b>
<b>LIABILITIES &amp; EQUITY</b>				
<b>Liabilities</b>				
<b>Current Liabilities</b>				
<b>Accounts Payable</b>				
Accounts Payable	217,004	184,967	32,038	17%
<b>Total Accounts Payable</b>	217,004	184,967	32,038	17%
<b>Total Current Liabilities</b>	217,004	184,967	32,038	17%
<b>Total Liabilities</b>	217,004	184,967	32,038	17%
<b>Equity</b>				
<b>Unrestricted Net Assets</b>	1,115,300	763,431	351,869	46%
<b>Net Income</b>	909,511	525,303	384,208	73%
<b>Total Equity</b>	2,024,812	1,288,734	736,077	57%
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>2,241,816</b>	<b>1,473,701</b>	<b>768,115</b>	<b>52%</b>

**CUYAMA BASIN GSA**  
**Receipts and Disbursements**  
**As of March 31, 2023**

Type	Date	Num	Name	Memo	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	
Payment	08/02/2022	655	Groundwater Extraction Fees:Lewis, David		1,624.12	
Payment	08/12/2022	1002107539	Groundwater Extraction Fees:Cuyama Orchards, Inc		175.56	
Payment	08/12/2022	501659	Groundwater Extraction Fees:E & B Natural Resources Mgmt Co...		874.47	
Payment	08/30/2022	167	Groundwater Extraction Fees:Lee, Jennifer		3,444.38	
Deposit	08/30/2022			Deposit - Ventura County Int	9.06	
Bill Pmt -Check	09/07/2022	1111	HGCPM, Inc.			48,709.28
Bill Pmt -Check	09/07/2022	1112	Klein DeNatale Goldner			18,759.40
Bill Pmt -Check	09/07/2022	1113	Woodard & Curran Inc			151,031.80
Payment	10/04/2022	459731	Grimmway		218.97	
Payment	10/04/2022	331457	Groundwater Extraction Fees:Lear Real Estate Ent LLC		21,951.07	
Deposit	11/01/2022			Deposit - SB County Int	0.80	
Bill Pmt -Check	11/03/2022	1114	Daniells Phillips Vaughan & Bock	VOID: BOD Mtg Canceled	0.00	
Bill Pmt -Check	11/03/2022	1115	HGCPM, Inc.	VOID: BOD Mtg Canceled	0.00	
Bill Pmt -Check	11/03/2022	1116	Klein DeNatale Goldner	VOID: BOD Mtg Canceled	0.00	
Bill Pmt -Check	11/03/2022	1117	Provost & Pritchard Consulting Group	VOID: BOD Mtg Canceled	0.00	
Bill Pmt -Check	11/03/2022	1118	U.S. Geological Survey	VOID: BOD Mtg Canceled	0.00	
Bill Pmt -Check	11/03/2022	1119	Woodard & Curran Inc	VOID: BOD Mtg Canceled	0.00	
Bill Pmt -Check	12/12/2022	1120	Daniells Phillips Vaughan & Bock			7,000.00
Bill Pmt -Check	12/12/2022	1121	HGCPM, Inc.			94,657.06
Bill Pmt -Check	12/12/2022	1122	Klein DeNatale Goldner			22,599.50
Bill Pmt -Check	12/12/2022	1123	Provost & Pritchard Consulting Group			44,589.02
Bill Pmt -Check	12/12/2022	1124	U.S. Geological Survey			39,450.00
Bill Pmt -Check	12/12/2022	1125	Woodard & Curran Inc			238,023.71
Payment	12/23/2022	785326	Groundwater Extraction Fees:Cuyama Orchards, Inc		868.27	
Payment	01/10/2023	1002126846	Groundwater Extraction Fees:Cuyama Orchards, Inc	VTA pmt includes \$49.65 collection fee.	19,813.08	
Bill Pmt -Check	01/12/2023	1126	Daniells Phillips Vaughan & Bock			1,000.00
Bill Pmt -Check	01/12/2023	1127	HGCPM, Inc.			22,532.00
Bill Pmt -Check	01/12/2023	1128	Klein DeNatale Goldner			13,132.00
Bill Pmt -Check	01/12/2023	1129	Provost & Pritchard Consulting Group			598.50
Bill Pmt -Check	01/12/2023	1130	Woodard & Curran Inc			63,128.50
Bill Pmt -Check	03/29/2023	1131	CA Assoc of Mutual Water Companies			100.00
Bill Pmt -Check	03/29/2023	1132	Daniells Phillips Vaughan & Bock			450.00
Bill Pmt -Check	03/29/2023	1133	HGCPM, Inc.			62,144.46
Bill Pmt -Check	03/29/2023	1134	Klein DeNatale Goldner			22,102.00
Bill Pmt -Check	03/29/2023	1135	Provost & Pritchard Consulting Group	VOID: Printer Error	0.00	
Bill Pmt -Check	03/29/2023	1136	U.S. Geological Survey	Cust #6000007725		13,150.00
Bill Pmt -Check	03/29/2023	1137	Woodard & Curran Inc			250,923.16
Bill Pmt -Check	03/29/2023	1138	Provost & Pritchard Consulting Group			7,887.76
Total Chase - General Checking					197,712.05	1,380,243.48
<b>TOTAL</b>					<b>197,712.05</b>	<b>1,380,243.48</b>

**CUYAMA BASIN GSA  
A/R Aging Summary  
As of March 31, 2023**

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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>
Department of Water Resources	304,200	0	0	259,749	615,167	1,179,115
Groundwater Extraction Fees						
Cuyama Dairy Farm	0	0	0	0	35,145	35,145
Cuyama Orchards, Inc	135	0	271	334	22,487	23,226
<b>Total Groundwater Extraction Fees</b>	<u>135</u>	<u>0</u>	<u>271</u>	<u>334</u>	<u>57,631</u>	<u>58,371</u>
<b>TOTAL</b>	<b><u>304,335</u></b>	<b><u>0</u></b>	<b><u>271</u></b>	<b><u>260,082</u></b>	<b><u>672,798</u></b>	<b><u>1,237,486</u></b>

**CUYAMA BASIN GSA  
A/P Aging Summary**

As of March 31, 2023

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	Current	1 - 30	31 - 60	61 - 90	> 90	TOTAL
HGCPM, Inc.	42,112	0	0	0	0	42,112
Insurica	0	14,498	0	0	0	14,498
Klein DeNatale Goldner	7,661	0	0	0	0	7,661
Provost & Pritchard Consulting Group	1,143	0	0	0	0	1,143
U.S. Geological Survey	13,150	0	0	0	0	13,150
Woodard & Curran Inc	138,440	0	0	0	0	138,440
<b>TOTAL</b>	<b>202,506</b>	<b>14,498</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>217,004</b>

# CUYAMA BASIN GSA

## Statement of Operations with Budget Variance

### July 2022 through March 2023

	Jul '22 - Mar 23	Budget	\$ Over Budget	% of Budget
<b>Ordinary Income/Expense</b>				
<b>Income</b>				
<b>Direct Public Funds</b>				
Groundwater Extraction Fees	1,034,916	1,064,000	-29,084	97%
Grant Reimbursements	1,073,049	2,826,225	-1,753,176	38%
GWE Late Fees	2,451	0	2,451	100%
<b>Total Direct Public Funds</b>	2,110,416	3,890,225	-1,779,809	54%
<b>Total Income</b>	2,110,416	3,890,225	-1,779,809	54%
<b>Cost of Goods Sold</b>				
<b>Program Expenses</b>				
<b>Technical Consulting</b>				
Monitoring Network Enhancements	127,848	93,740	34,108	136%
GSP Implementation - W&C	132,928	206,240	-73,313	64%
Stakeholder Engagement	100,264	81,760	18,504	123%
Monitoring Network - P&P/USGS	100,243	126,250	-26,007	79%
Technical Support for DWR	0	15,005	-15,005	0%
Outreach	2,711	27,517	-24,806	10%
Grant Administration	75,631	74,800	831	101%
Basin Water Use Surveys	60,786	116,240	-55,454	52%
Project & Mgmt Action Impl	233,509	169,450	64,059	138%
<b>Total Technical Consulting</b>	833,920	911,002	-77,082	92%
<b>Total Program Expenses</b>	833,920	911,002	-77,082	92%
<b>Total COGS</b>	833,920	911,002	-77,082	92%
<b>Gross Profit</b>	1,276,496	2,979,223	-1,702,727	43%
<b>Expense</b>				
<b>General and Administrative</b>				
<b>GSA Executive Director</b>				
GSA BOD Meetings	111,531	83,546	27,985	133%
Consult Mgmt and GSP Devel	40,831	55,012	-14,181	74%
Financial Information Coord	25,938	38,517	-12,580	67%
Support for DWR/Public Comments	1,181	13,663	-12,482	9%
Funding Process (GWE Fee)	8,638	4,173	4,465	207%
CBGSA Outreach	10,525	8,042	2,483	131%
Adjudication Support	1,594	1,452	142	110%
Management Area Admin	31,356	8,825	22,531	355%
Travel and Direct Costs	7,771	4,272	3,499	182%
<b>Total GSA Executive Director</b>	239,364	217,502	21,862	110%
<b>Other Administrative</b>				
Legal	74,519	75,100	-581	99%
Insurance - D&O and General	14,498	14,000	498	104%
Auditing/Accounting Fees	8,450	9,800	-1,350	86%
Grant Proposals.	24,944	31,500	-6,556	79%
Printing and Copying	5,110	0	5,110	100%
Other Admin Expense	100	200	-100	50%
Contingency	0	15,000	-15,000	0%
<b>Total Other Administrative</b>	127,620	145,600	-17,980	88%
<b>Total General and Administrative</b>	366,985	363,102	3,883	101%
<b>Total Expense</b>	366,985	363,102	3,883	101%
<b>Net Ordinary Income</b>	909,511	2,616,121	-1,706,610	35%
<b>Net Income</b>	<b>909,511</b>	<b>2,616,121</b>	<b>-1,706,610</b>	<b>35%</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: Taylor Blakslee

DATE: May 3, 2023

SUBJECT: Discuss and Take Appropriate Action on the Fiscal Year 2023-2024 Budget and Cash Flow

**Recommended Motion**

Approve the Fiscal Year 2023-2024 Budget.

**Discussion**

On March 29, 2023, staff reviewed the draft Fiscal Year 2023-2024 budget component list (developed with the budget ad hoc Directors) with the Board of Directors.

On April 10, 2023, staff reviewed the draft Fiscal Year 2023-2024 budget and cash flow with the budget ad hoc (Directors Bantilan, Vickery, Das Williams, Deborah Williams, and Wooster) and is provided as Attachment 1 and 2, respectively.

The Fiscal Year 2023-2024 budget and cash flow are provided for consideration of approval.

## DRAFT CBGSA FISCAL YEAR 2023-2024 BUDGET

A		B	
CATEGORY		FY 23-24	
<b>A HALLMARK GROUP</b>			
1	CBGSA Board of Directors Meetings	\$	111,397
2	Consultant Management and GSP Implementation	\$	73,351
3	Financial Information Coordination	\$	51,357
4	Cuyama Basin GSA Outreach	\$	10,721
5	Annual Groundwater Extraction Fee	\$	5,562
6	Prepare 5-Year GSP Update	\$	18,217
7	Central Management Area Support	\$	11,768
8	Adjudication Discussions	\$	1,935
9	Enforcement for Un-reported Water User	\$	25,400
10	Well Permit Review	\$	2,000
11	Other Direct Charges (Mileage, conference lines, copies)	\$	5,694
	Subtotal	\$	<b>317,400</b>
<b>B LEGAL</b>			
1	General Legal Counsel	\$	200,000
	Subtotal	\$	<b>200,000</b>
<b>C ADMIN</b>			
1	Audit (FY 22-23)	\$	10,000
2	Insurance (D&O, General Liability)	\$	16,603
3	California Association of Mutual Water Co. Membership	\$	200
4	Contingency	\$	20,000
	Subtotal	\$	<b>46,803</b>
<b>D WOODARD &amp; CURRAN &amp; TECHNICAL</b>			
1	Grant Proposals	\$	42,000
2	Stakeholder/Board Engagement		
3	SAC meetings	\$	27,000
4	Board meetings	\$	40,000
5	Board Ad-hoc calls	\$	16,000
6	Tech Forum calls (new item)	\$	16,000
7	Public Workshops	\$	33,000
8	Outreach		
9	General, Newsletter Development, etc.	\$	15,000
10	Website Updates - Maintenance / Hosting	\$	6,667
11	Website Redesign	\$	9,000
12	Well Permit Review	\$	12,000
13	Support for DWR Technical Services (TSS) and Enforce Well Pumps	\$	16,000
14	GSP Implementation Support		
15	GSP Implementation Program Management	\$	60,000
16	GW Levels and GWQ Monitoring Network Coordination and Data Mgmt - W&C	\$	20,000
17	DMS Ongoing Maintenance and Enhancements	\$	25,000

CATEGORY		FY 23-24
18	Support for Adaptive Management of Groundwater Levels	\$ 50,000
19	Prepare Annual Report for Cuyama Basin	\$ 45,000
20	Meter Implementation - Ongoing Support	\$ 10,000
21	Grant Admin (SGM Round 1)	\$ 100,000
22	Perform Monitoring and Monitoring Network Enhancements	
23	Install Piezometers for GW-SW and GDE Monitoring	\$ 30,000
24	Driller Cost	\$ 165,000
25	Install Dedicated Monitoring Wells	\$ 248,000
26	Driller Cost	\$ 2,000,000
27	Improve Understanding of Basin Water Use	
28	Perform updated land use survey	\$ 15,000
29	Perform river channel survey	\$ 35,000
30	Enhance existing CIMIS station & implement new stations	\$ 52,000
31	Project & Management Action Implementation	
32	CBWRM model update and re-calibration	\$ 200,000
33	Incorporate AEM data into model update	\$ 90,000
34	Pumping allocation implementation	\$ 50,000
35	Analysis of management action implementation options	\$ 96,000
36	Precipitation enhancement feasibility study	\$ -
37	Flood and Stormwater Capture - water rights analysis	\$ 55,000
38	GSP Implementation, Outreach, and CBGSA Management	
39	Outreach - domestic well owners	\$ -
40	5-year GSP update	\$ 688,450
41	Fault Investigation (cost under development)	\$ 330,000
	Subtotal	<b>\$ 4,597,117</b>
<b>E</b>	<b>OTHER TECHNICAL</b>	
1	Quarterly GW Levels and Piezometer Monitoring (Contractor TBD)	\$ 43,000
2	Annual WQ Monitoring (Contractor TBD)	\$ 25,000
3	Annual Stream Gauge Maintenance (USGS)	\$ 56,650
	Subtotal	<b>\$ 124,650</b>
	Grant Funded	\$ 4,797,073
	CBGSA Funded (non grant-eligible costs)	\$ 488,896
	<b>TOTAL</b>	<b>\$ 5,285,969</b>

**PROJECTED FISCAL YEAR 2023-2024 CASH FLOW**

Month	Beginning Cash	Hallmark Group	Legal	W&C & Technical	Other Technical Monitoring, etc.	Non Grant Reimb Exp	Total Expenses	Cash Disbursements for Expenses	DWR SGM Grant	GW Extraction		Projected Ending Cash Balance
										Fee (memo only)	Total Revenues	
Expenses									Revenues			
	-									510,000		
July-23	2,220,672	23,692	16,667	349,010	10,388	40,741	440,497	350,000			-	1,870,672
August-23	1,870,672	23,692	16,667	349,010	10,388	40,741	440,497				-	1,870,672
September-23	1,870,672	23,692	16,667	349,010	10,388	40,741	440,497	880,995			-	989,677
October-23	989,677	23,692	16,667	349,010	10,388	40,741	440,497		663,166		663,166	1,652,843
November-23	1,652,843	23,692	16,667	349,010	10,388	40,741	440,497	880,995			-	771,848
December-23	771,848	23,692	16,667	349,010	10,388	40,741	440,497				-	771,848
January-24	771,848	23,692	16,667	349,010	10,388	40,741	440,497	880,995	1,079,341		1,079,341	970,195
February-24	970,195	23,692	16,667	349,010	10,388	40,741	440,497				-	970,195
March-24	970,195	23,692	16,667	349,010	10,388	40,741	440,497	880,995			-	89,200
April-24	89,200	23,692	16,667	349,010	10,388	40,741	440,497		1,079,341		1,079,341	1,168,541
May-24	1,168,541	23,692	16,667	349,010	10,388	40,741	440,497	880,995			-	287,547
June-24	287,547	23,692	16,667	349,010	10,388	40,741	440,497				-	287,547
<b>Total</b>		<b>284,306</b>	<b>200,000</b>	<b>4,188,117</b>	<b>124,650</b>	<b>488,896</b>	<b>5,285,969</b>	<b>4,754,974</b>	<b>2,821,849</b>		<b>2,821,849</b>	

Draft  
FY 23-24  
Fee  
\$ 12

**PROJECTED FISCAL YEAR 2024-2025**

July-24	287,547					12,825	132,631	880,995	1,079,341	200,000	1,279,341	685,893
August-24	685,893					12,825	132,631				-	685,893
September-24	685,893					12,825	132,631	265,262			-	420,632
October-24	420,632					12,825	132,631		1,079,341		1,079,341	1,499,973
November-24	1,499,973					12,825	132,631	265,262			-	1,234,712
December-24	1,234,712					12,825	132,631				-	1,234,712
January-25	1,234,712					12,825	132,631	265,262	323,476		323,476	1,292,927
February-25	1,292,927					12,825	132,631				-	1,292,927
March-25	1,292,927					12,825	132,631	265,262			-	1,027,665
April-25	1,027,665					12,825	132,631		323,476		323,476	1,351,141
May-25	1,351,141					12,825	132,631	265,262			-	1,085,880
June-25	1,085,880					12,825	132,631		1,191,302		1,191,302	2,277,182
						<u>153,896</u>	<u>1,591,569</u>					

Draft FY 24  
\$ 5

**PROJECTED FISCAL YEAR 2025-2026**

<b>July-25</b>	2,277,182	100,000	265,262	200,000	200,000	2,211,920
<b>August-25</b>	2,211,920	100,000			-	2,211,920
<b>September-25</b>	2,211,920	100,000	200,000		-	2,011,920
<b>October-25</b>	2,011,920	100,000			-	2,011,920
<b>November-25</b>	2,011,920	100,000	200,000		-	1,811,920
<b>December-25</b>	1,811,920	100,000			-	1,811,920
<b>January-26</b>	1,811,920	100,000	200,000		-	1,611,920
<b>February-26</b>	1,611,920	100,000			-	1,611,920
<b>March-26</b>	1,611,920	100,000	200,000		-	1,411,920
<b>April-26</b>	1,411,920	100,000			-	1,411,920
<b>May-26</b>	1,411,920	100,000	200,000		-	1,211,920
<b>June-26</b>	1,211,920	100,000			-	1,211,920
		<u>1,200,000</u>				

**Draft FY 25**  
\$ 5

**PROJECTED FISCAL YEAR 2026-2027**

<b>July-26</b>	1,211,920	100,000	200,000	200,000	200,000	1,211,920
<b>August-26</b>	1,211,920	100,000			-	1,211,920
<b>September-26</b>	1,211,920	100,000	200,000		-	1,011,920
<b>October-26</b>	1,011,920	100,000			-	1,011,920
<b>November-26</b>	1,011,920	100,000	200,000		-	811,920
<b>December-26</b>	811,920	100,000			-	811,920
<b>January-27</b>	811,920	100,000	200,000		-	611,920
<b>February-27</b>	611,920	100,000			-	611,920
<b>March-27</b>	611,920	100,000	200,000		-	411,920
<b>April-27</b>	411,920	100,000			-	411,920
<b>May-27</b>	411,920	100,000	200,000		-	211,920
<b>June-27</b>	211,920	100,000			-	211,920
		<u>1,200,000</u>				

**Draft FY 26**  
\$ 5



TO: Board of Directors  
Agenda Item No. 9

FROM: Taylor Blakslee

DATE: May 3, 2023

SUBJECT: Discuss and Take Appropriate Action on Consultant Task Orders for Fiscal Year 2023-2024

**Recommended Motion**

Approve Fiscal Year 2023-2024 task orders for the Hallmark Group and Woodard & Curran.

**Discussion**

Hallmark Group and Woodard & Curran task orders for July 1, 2023 through June 30, 2024 are provided as Attachments 1 and 2, respectively. The task orders match the amounts in the Fiscal Year 2023-2024 budget and are provided for consideration of Board approval.

# TASK ORDER CB-HG-009

## TASK ORDER NO. CB-HG-009

CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY EXECUTIVE DIRECTOR

Task Order No.:	CB-HG-009
Contractor:	The Hallmark Group
Request for Services:	Executive Director
Agreement Number:	201709-CB-001
Amount:	\$317,400.00
Contract Period:	July 1, 2023 – June 30, 2024

## DESCRIPTION OF TASK

The Hallmark Group serves as the Cuyama Basin Groundwater Sustainability Agency (CBGSA) Executive Director. For the July 2023 through June 2024 period, the below tasks match the line items and dollar amounts from the adopted FY 2023-24 budget.

## SCOPE OF WORK FOR CBGSA EXECUTIVE DIRECTOR

### TASK 1 – CBGSA BOARD OF DIRECTORS MEETINGS

- 1.1 Prepare for and facilitate six Standing Advisory Committee meetings
- 1.2 Prepare for and facilitate six Board meetings
- 1.3 Administer Form 700s and Manage ad hoc development

### TASK 2 – CONSULTANT MANAGEMENT AND GSP IMPLEMENTATION

- 2.1 Facilitate biweekly project team calls
- 2.2 Coordinate with Counties and well permit applicants
- 2.3 Assist with facilitation of potential grant proposal
- 2.4 Support for DWR TSS program
- 2.5 Perform GSP implementation program management
- 2.6 Support for adaptive management of groundwater levels

- 2.7 Administration of meter requirement
  - 2.8 Review of model updates
  - 2.9 Review/management of grant projects
  - 2.10 Manage consultant for quarterly groundwater levels and annual water quality
- 

#### TASK 3 – FINANCIAL INFORMATION COORDINATION

- 3.1 Ongoing grant administration
  - 3.2 Financial report development and year end close out
  - 3.3 Facilitate Fiscal Year audit
  - 3.4 Develop the FY 2024-25 budget and cash flow
  - 3.5 Submit State government compensation form and LGRS financial reports
- 

#### TASK 4 – CUYAMA BASIN GSA OUTREACH

- 4.1 Plan and facilitate two public workshops, if needed
  - 4.2 Review and assist in development of newsletter
  - 4.3 Coordinate website updates
  - 4.4 General stakeholder outreach (interaction with public, etc.)
  - 4.5 Facilitate domestic well outreach
- 

#### TASK 5 – ANNUAL GROUNDWATER EXTRACTION FEE

- 5.1 Determine 2023 water use via meter data and landowner reported ET for small pumpers
  - 5.2 Develop groundwater extraction fee report
  - 5.3 Facilitate public rate hearing
  - 5.4 Develop invoices, notices, field inquiries, process late invoices
- 

#### TASK 6 – PREPARE 5-YEAR GSP UPDATE

- 6.1 Develop 2025 GSP update plan and assist in implementation of selected updates
- 

#### TASK 7 – CENTRAL MANGEMENT AREA SUPPORT

- 7.1 Administer pumping reductions
- 

#### TASK 8 – ADJUDICATION DISCUSSIONS

- 8.1 Facilitate discussions, if required, and respond to GSA requirements of the adjudication

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**TASK 9 – ENFORCEMENT ON UN-REPORTED WATER USE**

- 9.1 Identify/confirm un-reported pumpers
- 9.2 Develop plan for landowner to become current on GSA requirements and meeting with ad hoc and landowner (if needed)
- 9.3 Place un-resolved fees on tax roll
- 9.4 Report on progress with the ad hoc and at Board meetings

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**TASK 10 – WELL PERMIT REVIEW**

- 10.1 Staff review/processing of up to five (5) well permit applications per year

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**TASK 11 – OTHER DIRECT CHARGES**

- 11.1 Mileage, copies, mailings, etc.

TASK NUMBER	DELIVERABLE	TARGET DATE
1	Facilitate 6 SAC and 6 Board meetings	Bimonthly
1.3	Facilitate Form 700 Reporting	April
2.1	Facilitate project team calls	Biweekly
3.3	Facilitate the Audit	Aug
3.4	FY 2024-25 Budget and cash flow	Mar
5.2	Develop fee report	May

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**TERM**

The term of this Task Order is July 1, 2023 through June 30, 2024.

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**DETAILED COSTS**

Contractor shall invoice all services according to the Agreement. The total amount of this Task Order shall not exceed \$317,400.00. Line-item costs are provided in Exhibit A.

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 CONTACT PERSONS

CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY	HALLMARK GROUP
Representative: Cory Bantilan	Representative: Charles R. Gardner Jr.
105 E Anapamu Street	500 Capitol Mall, Suite 2350
Santa Barbara	Sacramento, CA 95814
Phone: (805) 681-4200	Phone: (916) 923-1500
Email: cbantilan@countyofsb.org	Email: cgardner@hgcpm.com

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 AUTHORIZED SIGNATURES

Contractor and the Cuyama Basin Groundwater Sustainability Agency agree that these services will be performed in accordance with the terms and conditions of Standard Agreement Number 201709-CB-001.




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 Cory Bantilan  
 Board Chairman

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 Charles R. Gardner Jr.  
 President

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 Date

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 Date

# TASK ORDER CB-HG-009

## ESTIMATED COST FOR 12 MONTHS (DOLLARS)

Classification		Total Cost
Fiscal Year 2022-23 Budgeted Costs		
<b>Task 1</b>	CBGSA Board of Directors Meetings	\$ 111,397
<b>Task 2</b>	Consultant Management and GSP Implementation	\$ 73,351
<b>Task 3</b>	Financial Information Coordination	\$ 51,357
<b>Task 4</b>	Cuyama Basin GSA Outreach	\$ 10,721
<b>Task 5</b>	Annual Groundwater Extraction Fee	\$ 5,562
<b>Task 6</b>	Prepare 5-Year GSP Update	\$ 18,217
<b>Task 7</b>	Central Management Area Support	\$ 11,768
<b>Task 8</b>	Adjudication Discussions	\$ 1,935
<b>Task 9</b>	Enforcement for Un-reported Water User	\$ 25,400
<b>Task 10</b>	Well Permit Review	\$ 2,000
<b>Task 11</b>	Other Direct Charges (Mileage, conference lines, copies)	\$ 5,694
<b>Total Estimated Cost</b>		<b>\$ 317,400</b>

**TASK ORDER NUMBER 11**

**Issued Pursuant to the Consulting Services Agreement Between Woodard & Curran, Inc. and Cuyama Basin Groundwater Sustainability Agency, dated as of May 3, 2023.**

This Task Order is issued pursuant to, and in accordance with the Agreement, the terms and conditions of which are incorporated herein by this reference. Unless otherwise specified, all capitalized terms used in this Task Order shall have the same meaning as used in the Agreement. This Task Order will not be deemed valid and binding upon the Parties until both Consultant and Client have both signed below.

**Scope of Services:**

Consultant agrees to provide the Services described in the attached Task Order No. 11 – Scope of Services.

**Schedule:**

Consultant shall perform the services under this Task Order No. 11 according to the schedule included in Exhibit A of the Agreement and Table 1 and 2 below.

**Compensation:**

For all Services duly rendered hereunder, Client shall pay Consultant in accordance with the Rate Table; and for Reimbursable Expenses. Compensation for Task Order No. 10 shall not exceed \$2,436,117, as detailed in the attached budget.

Designated Project Representative

**Client:** Jim Beck

**Consultant:** Brian Van Lienden

**Effective date:** May 3, 2023

IN WITNESS WHEREOF, the undersigned have caused this Task Order to be duly executed by their authorized representatives set forth below.

**Woodard & Curran, Inc.**

**Cuyama Basin Groundwater Sustainability Agency**

Signed \_\_\_\_\_

Signed \_\_\_\_\_

Name \_\_\_\_\_

Name \_\_\_\_\_

Title \_\_\_\_\_

Title \_\_\_\_\_

**Table 1. Task Order 11 Deliverables**

Task		Deliverables	Deliverable Date
1	Stakeholder and Board Engagement and Outreach Support	<ul style="list-style-type: none"> <li>• Presentation materials and other handouts developed for Board and stakeholder meetings</li> <li>• Newsletter and other outreach materials that are developed</li> <li>• Continued maintenance of the CBGSA website</li> </ul>	Jun 2024
2	Grant Agreement Administration	<ul style="list-style-type: none"> <li>• Quarterly progress reports and reimbursement request packages on behalf of the CBGSA</li> </ul>	Jun 2024
3	Ongoing Monitoring Support and Enhancements	<ul style="list-style-type: none"> <li>• Monthly groundwater conditions and annual groundwater quality reports</li> <li>• Enhanced DMS updated with recent monitoring data</li> <li>• Monitoring well and piezometer installation documentation reports</li> </ul>	Jun 2024
4	Project and Management Action Implementation	<ul style="list-style-type: none"> <li>• Updated model input and output data sets; presentation materials with updated model results</li> <li>• Summary report documenting framework for pumping allocations</li> <li>• A summary report documenting the results of the flood and stormwater capture water rights analysis</li> </ul>	Jun 2024
5	GSP Implementation, Outreach, and Compliance Activities	<ul style="list-style-type: none"> <li>• Annual Report for the Cuyama Basin</li> </ul>	Apr 2024
6	Prepare 5-Year GSP Update	<ul style="list-style-type: none"> <li>• Draft GSP sections</li> <li>• Comment Matrix and response to comments on draft GSP sections</li> </ul>	Jun 2024
7	Improve Understanding of Basin Water Use	<ul style="list-style-type: none"> <li>• Monthly land use data in GIS format</li> <li>• River channel survey results in digital format</li> <li>• A summary report documenting completion of weather stations</li> </ul>	Jun 2024

8	Preparation of Grant Application	<ul style="list-style-type: none"> <li>Draft and final electronic (Word and PDF) files of the grant application</li> </ul>	Jun 2024
9	Perform Fault Investigation	<ul style="list-style-type: none"> <li>Time series graphs, stiff diagrams, groundwater elevation contour maps, and hydrogeologic cross-sections.</li> <li>Table with field water quality parameters.</li> <li>Analytical laboratory reports with chain-of-custody forms.</li> <li>Geophysical Survey Report for the Santa Barbara Canyon and Russell faults.</li> <li>Groundwater Investigation Report for the Santa Barbara Canyon and Russell faults.</li> </ul>	Jun 2024
10	As-Needed Technical Tasks	<ul style="list-style-type: none"> <li>Completed application forms and other documents required by DWR</li> <li>Redesigned website accessible to the public</li> </ul>	Jun 2024

**Table 2. Anticipated Task Order 11 Meetings**

Month	Type	Participants	Meeting Topics
July 2023	In-Person	<ul style="list-style-type: none"> <li>Standing Advisory Committee</li> </ul>	<ul style="list-style-type: none"> <li>GSP Implementation Updates</li> <li>GSP 5-Year Update</li> </ul>
July 2023	In-Person	<ul style="list-style-type: none"> <li>CGBSA Board Members</li> </ul>	<ul style="list-style-type: none"> <li>GSP Implementation Updates</li> <li>GSP 5-Year Update</li> <li>CBGSA Updates</li> </ul>
Sep 2023	In-Person	<ul style="list-style-type: none"> <li>Standing Advisory Committee</li> </ul>	<ul style="list-style-type: none"> <li>GSP Implementation Updates</li> <li>GSP 5-Year Update</li> </ul>
Sep 2023	In-Person	<ul style="list-style-type: none"> <li>CGBSA Board Members</li> </ul>	<ul style="list-style-type: none"> <li>GSP Implementation Updates</li> <li>GSP 5-Year Update</li> <li>CBGSA Updates</li> </ul>
Nov 2023	In-Person	<ul style="list-style-type: none"> <li>Standing Advisory Committee</li> </ul>	<ul style="list-style-type: none"> <li>GSP Implementation Updates</li> <li>GSP 5-Year Update</li> </ul>
Nov 2023	In-Person	<ul style="list-style-type: none"> <li>CGBSA Board Members</li> </ul>	<ul style="list-style-type: none"> <li>GSP Implementation Updates</li> <li>GSP 5-Year Update</li> <li>CBGSA Updates</li> </ul>

Jan 2024	In-Person	<ul style="list-style-type: none"> <li>• Standing Advisory Committee</li> </ul>	<ul style="list-style-type: none"> <li>• GSP Implementation Updates</li> <li>• GSP 5-Year Update</li> </ul>
Jan 2024	In-Person	<ul style="list-style-type: none"> <li>• CGBSA Board Members</li> </ul>	<ul style="list-style-type: none"> <li>• GSP Implementation Updates</li> <li>• GSP 5-Year Update</li> <li>• CGBSA Updates</li> </ul>
Mar 2024	In-Person	<ul style="list-style-type: none"> <li>• Standing Advisory Committee</li> </ul>	<ul style="list-style-type: none"> <li>• GSP Implementation Updates</li> <li>• GSP 5-Year Update</li> <li>• GSP Annual Report</li> </ul>
Mar 2024	In-Person	<ul style="list-style-type: none"> <li>• CGBSA Board Members</li> </ul>	<ul style="list-style-type: none"> <li>• GSP Implementation Updates</li> <li>• GSP 5-Year Update</li> <li>• CGBSA Updates</li> <li>• GSP Annual Report</li> </ul>
May 2024	In-Person	<ul style="list-style-type: none"> <li>• Standing Advisory Committee</li> </ul>	<ul style="list-style-type: none"> <li>• GSP Implementation Updates</li> <li>• GSP 5-Year Update</li> </ul>
May 2024	In-Person	<ul style="list-style-type: none"> <li>• CGBSA Board Members</li> </ul>	<ul style="list-style-type: none"> <li>• GSP Implementation Updates</li> <li>• GSP 5-Year Update</li> <li>• CGBSA Updates</li> </ul>

## TASK ORDER NO. 11 SCOPE OF SERVICES

This task order includes the following support for the Cuyama Basin Groundwater Sustainability Agency (CBGSA) by the Woodard & Curran (W&C) team:

1. Stakeholder and board engagement and ongoing outreach support
2. Grant agreement administration
3. Ongoing monitoring support and enhancements
4. Project and management action implementation
5. GSP implementation, outreach, and compliance activities
6. Preparation of 5-Year GSP Update
7. Improve understanding of basin water use
8. Preparation of grant applications
9. Perform a fault investigation
10. As-needed technical tasks

These activities are described in the scope of work below.

### Scope of Work

#### Task 1: Stakeholder and Board Engagement and Outreach Support

This task includes support for stakeholder and CBGSA Board engagement during the period of July 1, 2023 through June 30, 2024. Under this task, the W&C team will provide the following services for up to six meetings of the Stakeholder Advisory Committee (SAC) and up to six meetings of the CBGSA Board:

- Prepare presentation materials and other handouts and documents needed for each SAC and Board meeting (prepare materials for up to six meetings)
- Participation in each SAC meeting (one consultant team participant, assumed to be via conference call) (participate in up to six meetings)
- Participation in each CBGSA Board meeting (one consultant team participant, either in person or via conference call) (participate in up to six meetings)

In addition, the W&C team will perform the following:

- Participate in up to 12 meetings of CBGSA Board Ad-hoc committees (one consultant team participant, assumed to be via conference call)
- Participate in up to 6 meetings of the Technical Forum (two consultant team participants, assumed to be via conference call)
- Conduct two public workshops; for which the consultant will prepare presentation materials and conduct facilitation. It is assumed that two consultant team members will participate in the workshops in person.
- As needed stakeholder outreach support, including development of one (1) newsletter and other outreach materials, coordination with CBGSA Board and SAC members, and planning and facilitation for stakeholder outreach meetings.
- Maintenance of the CBGSA website, including hosting services and uploading of website content as needed.

## TASK ORDER NO. 11 SCOPE OF SERVICES

### *Task 1 Deliverables*

- Presentation materials and other handouts developed for Board and stakeholder meetings
- Newsletter and other outreach materials that are developed
- Continued maintenance of the CBGSA website

### **Task 2: Grant Agreement Administration**

The W&C team will manage and administer the grant funding to be received under the DWR SGM grant and will be conducted by a retained consultant with review by the CBGSA. As required under the Basin's current funding agreement, this task will involve the preparation of reimbursement request packages containing invoices from those implementing the components and quarterly progress reports. Under this task, invoices will be checked and incorporated into monthly invoices that clearly show team members, hours, costs, and progress on component tasks. Quarterly progress reports will be prepared to accompany DWR invoices showing progress made during the month, next steps for the following billing cycle, and status of both schedule and budget.

This task also includes coordination among members of the technical team to ensure consistency between tasks and sharing of information and data. Additionally, this task includes preparation of a final report to DWR, in addition to submittal of quarterly progress reports and invoices, as required by the grant agreement.

### *Task 2 Deliverables*

- Quarterly progress reports and reimbursement request packages on behalf of the CBGSA

### **Task 3: Ongoing Monitoring Support and Enhancements**

The W&C team will support the CBGSA in implementation of monitoring for groundwater levels and groundwater quality, as well as in managing and enhancing the Cuyama Basin Data Management System (DMS). Additionally, the W&C team will support the CBGSA in activities supporting the installation of new piezometers and dedicated monitoring wells within the Cuyama Basin. The task includes the following subtasks.

#### *Subtask 3.1 – Monitoring coordination, data management and reporting*

The subtask includes the following activities:

- Quarterly groundwater levels monitoring – the W&C team will support Provost & Pritchard, who will perform monthly monitoring at each monitoring well. W&C will review measurements provided by Provost & Pritchard, will prepare a quarterly groundwater conditions report, and will manage the uploading of data collected into the data management system.
- Annual groundwater quality monitoring – the W&C team will support Provost & Pritchard, who will perform total dissolved solids (TDS) measurements at each water quality monitoring well. W&C will review measurements provided by Provost & Pritchard, will prepare a groundwater quality conditions report, and will manage the uploading of data collected into the data management system.
- Ongoing hosting, maintenance, and technical support for the DMS.
- Implement improvements to the DMS as directed by the CBGSA Board. Potential improvements include implementation of improved import functionality to more easily incorporate monitoring data from external databases; development of tools to improve data viewing and chart presentation within the DMS; implementation of capability to manage data from well meter reporting; and digitization of Cuyama Basin technical data that is currently in hard copy form.

## TASK ORDER NO. 11 SCOPE OF SERVICES

### *Subtask 3.2 – Support Installation of Dedicated Monitoring Wells*

The consultant will conduct planning and design activities, and construction oversight associated with the siting, drilling, construction, and development of between four and six multi-completion nested monitoring wells within the Basin. The number and location of monitoring wells to be constructed, as well as the number of completions to be included in each monitoring well, will be determined through a technical assessment of potential monitoring well locations, associated costs, landowner participation, and access to public right of ways. It is assumed that the CBGSA will procure a drilling contractor to construct the dedicated monitoring wells separate from this task order, and that the consultant will provide planning, design, and construction oversight support for this activity. The consultant will perform the following activities for each well location:

- Finalize locations of monitoring wells and coordinate access for each monitoring well
- Prepare CEQA categorical exemption forms, if required
- Prepare plans and schedules for drilling and construction of monitoring wells and assist the CBGSA in procuring a drilling contractor
- Provide in-field oversight of well drilling, construction, and development (1 consultant team staff assumed)
- Perform surveying after well installation is complete
- Procure and install pressure transducers in each well
- Prepare a report documenting construction of dedicated monitoring wells

### *Subtask 3.3 – Support Installation of Piezometers*

The consultant will conduct planning and design activities, and construction oversight associated with the siting, drilling, construction, and development of between four and six piezometers within the Basin. The number and location of piezometers to be constructed will be determined through a technical assessment of potential piezometer locations, associated costs, and landowner participation. It is assumed that the CBGSA will procure a drilling contractor to construct the piezometers separate from this task order, and that the consultant will provide planning, design, and construction oversight support for this activity. The consultant will perform the following activities for each piezometer location:

- Finalize locations of piezometers and coordinate access for each monitoring well
- Prepare CEQA categorical exemption forms, if required
- Prepare plans and schedules for drilling and construction of piezometers and assist the CBGSA in procuring a drilling contractor
- Provide in-field oversight of piezometer drilling, construction, and development (1 consultant team staff assumed)
- Perform surveying after well installation is complete
- Prepare a report documenting construction of piezometers

### *Task 3 Deliverables*

- Monthly groundwater conditions and annual groundwater quality reports
- Enhanced DMS updated with recent monitoring data
- Monitoring well and piezometer construction documentation reports

## Task 4: Project and Management Action Implementation

## TASK ORDER NO. 11 SCOPE OF SERVICES

The task includes the following subtasks.

### *Subtask 4.1 – Cuyama Basin Water Resources Model Update and Recalibration*

The existing Cuyama Basin Water Resources Model (CBWRM) will be updated to incorporate the additional data and information that has been made available since adoption of the GSP. The following activities will be performed:

- Update model input data sets and model grid as appropriate to reflect improved Basin understanding resulting from the additional data developed since adoption of the GSP and to extend the model simulation period to include recent the 2023 water year. This will include incorporation of data developed by the Airborne Electromagnetic (AEM) survey of the Cuyama Basin conducted by the California Department of Water Resources (DWR).
- Revise and refine the root zone component of the IRWM demand calculator (IDC) to account for updated information obtained since development of the GSP.
- Perform a re-calibration of the model based on additional data collected since completion of the GSP.
- Develop updated estimates of historical and projected water budgets and updated estimates of sustainability under projected conditions.
- Evaluation of the range of uncertainty for the re-calibrated model.

Updated model and water budget results will be included in the water budget section of the revised version of the GSP to be developed in task 6.

### *Subtask 4.2 – Develop and Implement Framework for Pumping Allocations*

The Consultant will continue to support the CBGSA in developing and implementing a framework for pumping allocations, which will include the following activities at the discretion of the CBGSA Board: determining the sustainable yield of the Basin, allocating the sustainable yield of native groundwater to users based on historical use, land uses, and irrigated areas, allocating new and additional supplies, and developing a timeline for reducing pumping to achieve allocations over time. A specific approach for allocation of pumping volumes among agricultural users in the Central Basin management area may be developed. The Consultant will assist the CBGSA in working with landowners and agencies to determine the appropriate approach for pumping allocations for agricultural users.

### *Subtask 4.3 – Analysis of Management Action Implementation Options*

The Consultant will use the CBWRM model to analyze water management action implementation to explore additional options for pumping allocations in the Basin. Up to five (5) additional scenarios will be developed that explore varying levels of pumping reduction as well as varying options for revised management area boundaries. The assumptions and results of the water management action implementation options analysis will be included in presentation materials for CBGSA Board meetings.

### *Subtask 4.4 – Support for Adaptive Management of Groundwater Levels*

In this task, the W&C team will assist the CBGSA in evaluating progress towards meeting its sustainability goals and avoiding undesirable results. The GSP defines adaptive management triggers that would initiate the process for considering implementation of adaptive management and actions. As directed by the CBGSA, the W&C team will assist the CBGSA in evaluating whether groundwater levels and/or quality are trending towards undesirable results, investigating the cause, and recommending appropriate actions.

### *Subtask 4.5 – Flood & Stormwater Capture Water Rights Analysis*

## TASK ORDER NO. 11 SCOPE OF SERVICES

This subtask includes performing a water rights analysis for potential future flood and stormwater capture projects within the Basin. This analysis would look at water rights issues associated with the capture of flood and stormwater during high flow events, as well as the availability of water for capture within the Cuyama Basin, to better understand the feasibility of potential future projects.

### *Task 4 Deliverables*

- Updated model input and output data sets; presentation materials with updated model results
- Summary report documenting framework for pumping allocations
- A summary report documenting the results of the flood and stormwater capture water rights analysis

### **Task 5: GSP Implementation, Outreach, and Compliance Activities**

The task includes the following subtasks.

#### *Subtask 5.1 – GSP Implementation Program Management*

The W&C team will perform oversight of project and management action implementation, including coordination among GSA Board, staff and stakeholders, coordination of GSA implementation technical activities, oversight and management of CBGSA consultants and subconsultants, budget tracking, schedule management, and quality assurance/quality control of project implementation activities.

#### *Subtask 5.2 – Prepare Annual Report for Cuyama Basin*

The W&C team will prepare the sections needed to complete the Annual Report. The following sections will be developed:

- Executive Summary – a concise statement of the contents of the Annual Report
- Introduction – a description of the purpose of the Annual Report, information about CBGSA, and a summarized description of the Cuyama Basin Plan Area
- Updated Groundwater Conditions - the current, historical, and projected conditions of the Basin will be updated, including updated groundwater elevation contour maps, hydrographs of groundwater elevations and change in groundwater storage
- Water Supply and Use - descriptions and values (where possible) about groundwater extraction, surface water flows, and total water use for the preceding year
- Plan Implementation Status - a description of the progress towards implementation of the GSP, including progress towards achieving interim milestone and towards the implementation of projects and management actions

An Annual Report document will be prepared and submitted to the CBGSA Board for review and approval at a CBGSA Board meeting prior to submittal to DWR.

#### *Subtask 5.3 – Support for Meter Installation*

The W&C team will provide as-needed support to the CBGSA to help in the implementation of pumping flow meters in Cuyama Basin wells. Potential activities to be performed by W&C include maintenance and update of a list of production wells in the Basin, updates to well installation and data reporting guidance documents and support with well owner outreach and engagement in relation to the well metering program. The W&C team will work with the CBGSA Board to identify specific activities to be performed in this task.

## TASK ORDER NO. 11 SCOPE OF SERVICES

### *Task 5 Deliverables*

- Annual Report for the Cuyama Basin

### Task 6: Prepare 5-Year GSP Update

This task includes several subtasks to begin the preparation of the 5-year GSP update. The 5-year GSP update is due in 2025, and therefore the submittal of the 5-year GSP update is not included in this scope of work. This task includes the following subtasks.

#### *Subtask 6.1 – Update Stakeholder Engagement Strategy*

This subtask will update the Stakeholder Engagement Strategy based on the lessons learned over the last several years of GSP development and implementation to reflect current stakeholder engagement strategies and methodologies. This may include updates to the GSA's description of the decision-making process, identification for future public engagement, descriptions of projects schedules, and more.

#### *Subtask 6.2 – Update Agency Information, Plan Area, & Communication GSP Section*

The Plan Area description includes a map of the Cuyama Basin (as currently defined by Bulletin 118), the CBGSA boundary, a description of the area that is managed, how the area is managed, a description of how the GSA is organized, how its governance is operated, and who participated in its formation.

This subtask will include updating the Agency Information, Plan Area, and Communication GSP Section to include any updated and relevant information since the 2020 GSP.

#### *Subtask 6.3 – Update Hydrogeologic Conceptual Model and GSP Section*

The update of the Hydrogeologic Conceptual Model (HCM) will utilize the most recent and readily available data since the 2020 GSP. Updates to the GSP's HCM section may include:

- Regional geologic and structural setting, and faults and structural features based on the AEM data and the fault studies.
- Geologic stratigraphy based on 3 nests of TSS MWs (9 wells) constructed in 2021 plus those we intend to construct in 2023 (i.e., 4 nests/12 additional wells) and potentially other new wells.
- Principal aquifers based on the fault studies and the aquifer test of irrigation well #6 south of the SBC Fault.
- Natural water quality characterization based on quarterly data collected since 2019 plus WQ data we collect during the fault studies, including stable and radioactive isotopes.
- Sources of GW recharge on both sides of the faults based on the stable isotope data.

#### *Subtask 6.4 – Update Groundwater Conditions and GSP Section*

This subtask will update the Groundwater Conditions section of the GSP. Updating this report section will include incorporation of information from previous subtasks, collection of new data and documents, and analysis that will be needed to prepare components of the section to meet regulatory requirements. Updates to the GSP section may include:

- More detailed groundwater elevation contour maps and analysis of horizontal and vertical gradients (vertical at the nested monitoring wells).

## TASK ORDER NO. 11 SCOPE OF SERVICES

- Groundwater elevation trends at specific wells with time series graphs.
- Updates to GDEs based on evaluation of data collected at piezometers constructed in the vicinity of GDEs.

### *Subtask 6.5 – Update Water Budget and GSP Section*

This subtask will utilize data collected during development and implementation of the 2020 GSP to update the water budget section. The water budget will utilize recent data as well as the updated and calibrated Cuyama Groundwater Model described above to recalculate the historical, current, and projected water budgets.

### *Subtask 6.6 – Update Undesirable Results Statements and GSP Section*

This subtask will reevaluate the undesirable results for each sustainability indicator, including a narrative description of what each undesirable result is and their potential effects on the beneficial uses and users of groundwater, on land uses, and landowners. Each description will be reassessed for each sustainability criteria and what constitutes an undesirable outcome/result.

This subtask will also evaluate conditions in the basin to determine if undesirable results as defined by the undesirable results narrative are occurring in the basin. Documentation of the evaluation will include a narrative, maps of the monitoring or model results used to evaluate the presence or absence of undesirable results, a description of the methodology used to evaluate monitoring results to identify undesirable results, and maps of the locations of any undesirable results that are occurring.

### *Subtask 6.7 – Update Monitoring Networks and GSP Section*

This subtask will update the monitoring networks section of the GSP by evaluating both the representative monitoring network and monitoring networks for each applicable sustainability indicator. Each monitoring site will be evaluated to determine if data collected from the site is representative of conditions, reliable, and provides relevant and informative data to assess the basin and its conditions. Changes to the monitoring networks will be described in detail and will require updates to the sustainability criteria GSP sections.

### *Subtask 6.8 – Update Sustainability Criteria and GSP Section*

This subtask will update the Sustainable Management Criteria section for the GSP. Updating this section will incorporate information from previous subtasks, including the development and achievement of goals, thresholds, objectives, and milestones. Sustainability criteria for each sustainability indicator will be reviewed and revised as appropriate.

### *Subtask 6.9 – Update Data Management GSP Section*

This subtask will update data management GSP section to reflect any updates or changes to the Data Management System (DMS) and information collected since the adoption of the 2020 GSP.

### *Subtask 6.10 – Update Projects and Management Actions and GSP Section*

This subtask will update the projects and management actions section of the GSP. This section includes adaptive management actions that will be implemented should groundwater conditions not adequately respond to implementation of the GSP. This subtask will update the management program that considers potential projects and management actions to develop a management approach that meets regulatory requirements and local needs. Some projects and management actions have already been implemented and the section will be updated to reflect these changes. Revisions may also include the addition of new projects and management actions.

## TASK ORDER NO. 11 SCOPE OF SERVICES

### *Subtask 6.11 – Update GSP Implementation Plan and GSP Section*

This subtask will update the plan implementation section of the GSP documents and plans how implementation actions will be performed and work together to maintain compliance with the regulations and to achieve sustainability. The updated implementation plan will include the management program, implementation schedule, GSP costs and funding, data management plan, model updates, and other GSP implementation activities, as well as review and status update of projects and management actions that have been completed or are in progress.

### *Subtask 6.12 – Respond to Comments on Updated Drafts of GSP Sections*

This subtask includes collecting, organizing, and responding to comments provided on draft GSP section from the CBGSA and stakeholders.

### *Task 6 Deliverables*

- Draft GSP Sections.
- Comment Matrix and response to comments on draft GSP sections.

## Task 7: Improve Understanding of Basin Water Use

This task includes the following activities:

- The existing weather (CIMIS) station in the basin will be enhanced and/or additional weather stations will be installed in the basin. New stations may be full CIMIS stations (providing the full range of climatological data) or stand-alone stations for recording temperature and precipitation. The type, number and locations of newly installed stations will be based on a technical assessment of potential benefits and on the availability of willing landowners to host the stations and to provide the necessary acreage. For cost purposes, it is assumed that three CIMIS stations will be enhanced or developed.
- Updated land use data reflecting representative Basin-wide land use will be developed on a monthly time scale for the 2023 water year. The spatial scale and land use categorization of the developed data will be similar to what was previously developed in the Basin by DWR. These land use estimates will be developed using satellite imagery, and compared to land use information provided by Basin landowners for consistency, and to develop a comprehensive Basin-wide data set.
- A river channel survey will be performed. A technical assessment will be performed to identify the river reaches that would be surveyed to provide the greatest benefits in understanding Cuyama River flow and seepage.

### *Task 7 Deliverables*

- A summary report documenting completion of weather stations
- Monthly land use data in GIS format
- River channel survey results in digital format

## Task 8: Preparation of Grant Applications

As directed by the CBGSA Board, the W&C team will prepare an application for grant funding under the DWR SGM Grant Program or other grant program as directed by the CBGSA Board. The task includes the following subtasks to be performed for each grant application to be prepared.

## TASK ORDER NO. 11 SCOPE OF SERVICES

### *Subtask 8.1 – Coordination with Cuyama Basin Stakeholders*

The W&C team will coordinate with the CBGSA Board and/or ad-hoc committee to review the work plans, budgets, and schedules to be included in the Grant Application. Consultant will confirm that the information submitted to DWR both meets standards required by the grant program and is in alignment with the expectations of the CBGSA Board.

### *Subtask 8.2 – Grant Application Development and Submittal*

A draft grant application will be prepared to address the various requirements grant funding as documented in the PSP for the grant opportunity and to track completion of the required attachments. Work items to be conducted in preparing the application could potentially include:

- Review of final grant solicitation materials, including project qualification requirements, authorization and eligibility requirements, and preparation of grant application outline and list of data needs.
- Preparation of required eligibility documentation, including documentation of compliance with the required state programs.
- Preparation of the Work Plan, Budget and Schedule attachments as required by the grant opportunity
- Preparation of the Severely Disadvantaged Community (SDAC), Disadvantaged Community (DAC), and Economically Distressed Area (EDA) attachments as required by the grant opportunity
- Submittal of all required grant application documents

### *Task 8 Deliverables*

- Draft and final electronic (Word and PDF) files of the grant application

## Task 9: Perform Fault Investigation

This task includes the following activities:

### *Subtask 9.1 – Evaluate Available Groundwater Data and Oil and Gas Borehole Geophysical Logs*

The following activities will be performed under this subtask:

- Evaluate depth to groundwater and groundwater elevations in wells located within one mile of each fault for the period of 2018 through 2023. Prepare time series graphs for wells constructed at similar depths. Evaluate the potential effect of groundwater pumping on shallow and deep groundwater levels.
- Evaluate groundwater quality data for wells constructed to similar depths. Prepare stiff diagrams to characterize water types.
- Incorporate relevant data within one mile of each fault from previous studies.
- Obtain and review borehole geophysical logs and/or seismic data from oil and gas wells, if available. Review borehole geophysical logs from water wells within one mile of each fault, if available.
- Evaluate Airborne Electromagnetic (AEM) data from DWR within one mile of each fault.
- Prepare hydrogeologic cross-sections through the faults, as possible based on available data.

### *Subtask 9.2 – Groundwater Sampling and Geochemical Analyses*

The following activities will be performed under this subtask:

- Prepare subcontract agreements with two analytical laboratories, one for analysis of general minerals and one for stable and radioactive isotopes, and one field services company for well purging and sampling services.

## TASK ORDER NO. 11 SCOPE OF SERVICES

- Coordinate with private landowners for access to sample five wells (OPTI 584, OPTI 841, CHR Well #2, WP0002179, and WP0002712).
- Measure field parameters during well purging for pH, temperature, specific conductivity, dissolved oxygen, and oxidation-reduction potential.
- Collect groundwater samples, including samples for QA/QC, and submit under chain-of-custody to a contract laboratory.
- Analyze groundwater samples for major cations (calcium, magnesium, potassium, sodium), major anions (bicarbonate, chloride, nitrate, sulfate), total dissolved solids, metals (iron and manganese), and stable and radioactive isotopes (hydrogen, oxygen, carbon).

### *Subtask 9.3 – Conduct Surface Geophysical Survey*

The following activities will be performed under this subtask:

- Prepare subcontract agreement with a geophysical company to conduct DC Electrical Resistivity and Induced Polarization surface geophysical surveys at each fault.
- Coordinate and meet with private landowners and public agencies to identify transects and obtain access to conduct the surveys.
- Obtain Encroachment Permits from public agencies, as necessary.
- Conduct the surveys with two transects of 3,000 to 3,500 linear feet each across the suspected fault locations.
- Prepare a summary report to document the activities conducted and survey results.

### *Subtask 9.4 – Groundwater Flow and Data Analysis*

The following activities will be performed under this subtask:

- Calculate horizontal hydraulic gradients across the faults from groundwater elevation contour maps.
- Evaluate groundwater types and estimated ages across the faults.
- Evaluate stable isotope results to identify groundwater recharge sources on both sides of the faults.
- Assess similarities and/or differences of groundwater across the faults to qualitatively evaluate impacts to groundwater flow and boundary conditions in the CBWRM.

### *Task 9 Deliverables*

- Time series graphs, stiff diagrams, groundwater elevation contour maps, and hydrogeologic cross-sections.
- Table with field water quality parameters.
- Analytical laboratory reports with chain-of-custody forms.
- Geophysical Survey Report for the Santa Barbara Canyon and Russell faults.
- Groundwater Investigation Report for the Santa Barbara Canyon and Russell faults.

## Task 10: As-Needed Technical Tasks

This task includes as-needed technical tasks to be initiated at the direction and discretion of the CBGSA. These as-needed tasks include:

### *Subtask 10.1 – DWR Technical Support Services Support*

In this task, the W&C team will assist the CBGSA in obtaining support from the DWR Technical Support Services (TSS) as directed by the CBGSA Board. This task may include, but is not limited to:

## TASK ORDER NO. 11 SCOPE OF SERVICES

- Coordination calls with DWR representatives, CBGSA Ad-hoc committee and Cuyama Basin stakeholders
- Completion of application forms and other documents required by DWR to facilitate the TSS process
- Working with the CBGSA Ad-hoc committee to contact local landowners to complete necessary permission forms and to information and needed to facilitate DWR TSS support

### *Subtask 10.2 – Well Permit Review*

As requested by the CBGSA Board, the W&C team will perform a technical review of hydrogeologic analyses that are submitted for construction of new wells per the CBGSA's new well permit policy. For up to five new well applications, W&C will perform the assessment and provide the CBGSA Board a recommendation regarding whether the hydrogeologic analysis demonstrates (i) that the proposed well would not be inconsistent with CBGSA's GSP; and (ii) that the proposed well would not decrease the likelihood of achieving a sustainability goal included in CBGSA's GSP.

### *Subtask 10.3 – Website Redesign*

The W&C team will work with CBGSA staff to develop and implement an updated design of the CBGSA website to improve better organize the website content for improved public accessibility.

### *Task 10 Deliverables*

- Completed application forms and other documents required by DWR
- Redesigned website accessible to the public

Cuyama Groundwater Sustainability Agency

Fee Estimate

Woodard & Curran Task Order 11 - Fiscal Year 2023-2024 GSP Implementation Tasks

Tasks		Labor										ODCs		Total	
Task #	Task	Senior Practice Leader	Senior Engineer/ Hydrogeologist	Outreach	Engineer/ Planner/ Geologist	Software Engineer	Junior Engineer/ Geologist	Field Technician	Website Maint.	Graphics	Admin / Tech Editing	Total Hours	Total Labor Costs (1)	Total ODCs (3)	Total Fee
<b>1</b>	<b>Stakeholder/Board and Outreach Engagement Support</b>	\$345	\$335	\$225	\$250	\$180	\$200	\$150	\$150	\$113	\$130				
1.1	SAC/Board meeting preparation (assume 6)	6	42	12	36							96	\$27,840	\$0	\$27,840
1.2	SAC meeting participation (assume 6)		30									30	\$10,050	\$0	\$10,050
1.3	Board meeting participation (assume 6)	6	72									78	\$26,190	\$2,640	\$28,830
1.4	Board Ad-hoc calls (assume 12)		24		30							54	\$15,540	\$0	\$15,540
1.5	Technical Forum calls (assume 6)	6	24		24							54	\$16,110	\$0	\$16,110
1.6	Public Workshops (assume 1)	4	50	24	32							110	\$31,530	\$1,760	\$33,290
1.7	General, Newsletter development, etc.		18	36	4							58	\$15,130	\$0	\$15,130
1.8	Website Updates - Maintenance / Hosting								42			42	\$6,300	\$440	\$6,740
	Subtotal Task 1:	22	260	72	126	0	0	0	42	0	0	522	\$148,690	\$4,840	\$153,530
<b>2</b>	<b>Grant Administration</b>														
2.1	Grant Administration	4	112		240						8	364	\$99,940	\$0	\$99,940
	Subtotal Task 2:	4	112	0	240	0	0	0	0	0	8	364	\$99,940	\$0	\$99,940
<b>3</b>	<b>Ongoing Monitoring Support and Enhancements</b>														
3.1	GW and quality levels monitoring coordination and data management		24		36	16						76	\$19,920	\$0	\$19,920
	Data Management System ongoing maintenance and tech support		2		24							26	\$4,990	\$0	\$4,990
	Data Management System enhancements		18		10	64						92	\$20,050	\$0	\$20,050
3.2	Dedicated Monitoring Wells - planning, installation and reporting		12		14			1364				1390	\$212,120	\$44,000	\$256,120
3.3	Piezometers - planning, installation and reporting		2		2			104				108	\$16,770	\$5,500	\$22,270
	Subtotal Task 3:	0	58	0	62	104	0	1468	0	0	0	1692	\$273,850	\$49,500	\$323,350
<b>4</b>	<b>Project &amp; Management Action Implementation</b>														
4.1	Cuyama Basin Water Resources Model Update and Recalibration														
	Update model data to incorporate additional data and to extend to 2023	16	64		312		164					556	\$137,760	\$0	\$137,760
	Perform model-recalibration	8	24		120		40					192	\$48,800	\$0	\$48,800
	Develop updated historical and projected water budget estimates	8	24		120		40					192	\$48,800	\$0	\$48,800
	Evaluation of range of uncertainty of re-calibrated model	8	24		40	24						96	\$25,600	\$0	\$25,600
	Update Crop ET estimates	8	24		48		32					112	\$29,200	\$0	\$29,200
4.2	Develop and implement framework for pumping allocations		60	4	116							180	\$50,000	\$0	\$50,000
4.3	Analysis of management action implementation options	2	64		296							362	\$96,130	\$0	\$96,130
4.4	Support for Adaptive Management of GW Levels	2	64		112							178	\$50,130	\$0	\$50,130
4.5	Flood & stormwater capture - water rights analysis	2	66		128							196	\$54,800	\$0	\$54,800
	Subtotal Task 4:	54	414	4	1292	0	300	0	0	0	0	2064	\$541,220	\$0	\$541,220
<b>5</b>	<b>GSP Implementation, Outreach, and Compliance Activities</b>														
5.1	GSP Implementation program management	8	90		102						12	212	\$59,970	\$0	\$59,970
5.2	Prepare Annual Report for Cuyama Basin	4	48		106						8	166	\$45,000	\$0	\$45,000
5.3	Ongoing support for meter installation requirement		6		32							38	\$10,010	\$0	\$10,010
	Subtotal Task 5:	12	144	0	240	0	0	0	0	0	20	416	\$114,980	\$0	\$114,980
<b>6</b>	<b>Prepare 5-Year GSP Update</b>														
6.1	Update Stakeholder Engagement Strategy	2	8	24								34	\$8,770	\$0	\$8,770
6.2	Update Agency Information, Plan Area, & Communication GSP Section	2	24	24	60		32					142	\$35,530	\$0	\$35,530
6.3	Update Hydrogeologic Conceptual Model and GSP Section	16	96		128		72					312	\$84,080	\$0	\$84,080
6.4	Update Groundwater Conditions and GSP Section	16	80		144		72					312	\$82,720	\$0	\$82,720
6.5	Update Water Budget and GSP Section	16	80		96		48					240	\$65,920	\$0	\$65,920
6.6	Update Undesirable Results Statements and GSP Section	2	64		64		32					162	\$44,530	\$0	\$44,530
6.7	Update Monitoring Networks and GSP Section	2	64		80		40					196	\$50,130	\$0	\$50,130
6.8	Update Sustainability Criteria and GSP Section	4	96		96		48					244	\$67,140	\$0	\$67,140
6.9	Update Data Management GSP Section	2	32		20	16						70	\$19,290	\$0	\$19,290
6.10	Update Projects and Management Actions and GSP Section	4	96		96		48					244	\$67,140	\$0	\$67,140
6.11	Update GSP Implementation Plan and GSP Section	2	64		64		32					162	\$44,530	\$0	\$44,530
6.12	Respond to Comments on Updated Drafts of GSP Sections	16	160	16	160		80					432	\$118,720	\$0	\$118,720
	Subtotal Task 6:	84	864	64	1008	16	504	0	0	0	0	2540	\$688,500	\$0	\$688,500
<b>7</b>	<b>Improve Understanding of Basin Water Use</b>														
7.1	Improve existing CIMIS station and install new weather stations		16		28							44	\$12,360	\$39,600	\$51,960
7.2	Perform land use survey		4		8							12	\$3,340	\$11,000	\$14,340
7.3	Perform river channel survey		4		16							20	\$5,340	\$30,252	\$35,592
	Subtotal Task 7:	0	24	0	52	0	0	0	0	0	0	76	\$21,040	\$80,852	\$101,892
<b>8</b>	<b>Preparation of Grant Proposal</b>														
8.1	Coordination		16		4						4	24	\$6,880	\$0	\$6,880
8.2	Grant Application Development and Submittal (assume 1)		60		60							120	\$35,100	\$0	\$35,100
	Subtotal Task 8:	0	76	0	64	0	0	0	0	0	4	144	\$41,980	\$0	\$41,980
<b>9</b>	<b>Perform Fault Investigation</b>														
9.1	Evaluate Available Groundwater Data and Oil & Gas Borehole Geophysical Logs		30		38			36				104	\$24,950	\$0	\$24,950
9.2	Groundwater Sampling and Geochemical Analyses		22		30			90				142	\$28,370	\$49,500	\$77,870
9.3	Conduct Surface Geophysical Survey		26		44			112				182	\$36,510	\$110,000	\$146,510
9.4	Groundwater Flow and Data Analysis		80		80			224				384	\$90,400	\$0	\$90,400
	Subtotal Task 9:	0	158	0	192	0	0	462	0	0	0	812	\$170,230	\$159,500	\$329,730
<b>10</b>	<b>As-Needed Technical Tasks</b>														
10.1	DWR Technical Support Services Support		30		40							70	\$20,050	\$0	\$20,050
10.2	Well Permit Review		18		24							42	\$12,030	\$0	\$12,030
10.3	Website Redesign		4	7					40			51	\$8,915	\$0	\$8,915
	Subtotal Task 10:	0	52	7	64	0	0	0	40	0	0	163	\$40,995	\$0	\$40,995
	<b>TOTAL</b>	176	2162	147	3340	120	804	1930	82	0	32	8793	\$2,141,425	\$294,692	\$2,436,117

# Rate Schedule

## Municipal Standard 2023

STAFF TYPE	HOURLY RATE
Project Assistant	\$130
Drafter	\$150
Designer / Engineer 1 / Planner 1 / Technical Specialist 1	\$200
Engineer 2 / Planner 2 / Technical Specialist 2	\$225
Engineer 3 / Planner 3 / Senior Designer / Technical Specialist 3	\$250
Project Engineer 1 / Project Planner 1 / Project Technical Specialist 1	\$265
Project Engineer 2 / Project Planner 2 / Project Technical Specialist 2	\$280
Project Manager 1 / Technical Manager 1	\$300
Project Manager 2 / Technical Manager 2	\$315
SCADA Service Manager / Senior Project Manager / Senior Technical Manager	\$335
Senior Technical Leader	\$345
National Practice Leader	\$350
EXPENSES	
Travel	\$0.655 / mile
Other Direct Costs	At Cost Plus 10%
Subconsultants/Subcontractors	At Cost Plus 10%

### NOTES

Mileage rate will change as the federal allowable rate is modified.



TO: Board of Directors  
Agenda Item No. 10

FROM: Jim Beck / Joe Hughes

DATE: May 3, 2023

SUBJECT: Discuss and Take Appropriate Action on Resolution No. 2023-051 Adopting Final Groundwater Allocations in the Central Management Area for 2023 and 2024

**Recommended Motion**

Approve Resolution No. 2023-051 Adopting Final Groundwater Allocations in the Central Management Area for 2023 and 2024.

**Discussion**

Draft final groundwater allocations for 2023 and 2024 in the Central Management Area are provided as Attachment 3. Resolution No. 2023-051 adopting those allocations is provided as Attachment 2 and an update on the final groundwater allocations is provided as Attachment 1.

10. Discuss and Take Appropriate Action on Resolution No. 2023-051 Adopting Final Groundwater Allocations in the Central Management Area for 2023 and 2024

Jim Beck / Joe Hughes

May 3, 2023



# Background

- On July 30, 2022, the Cuyama Basin Groundwater Sustainability Agency (CBGSA) distributed draft groundwater allocations for 2023 and 2024 to landowners in the Central Management Area (CMA) and informed those landowners of the available variance process
- Eight variance requests were received, and consultation meetings were held with requesters and the ad hoc (Directors Anselm, Bantilan, Vickery, and Wooster) and staff
- Several issues were raised during this initial variance process, causing CBGSA to distribute revised draft groundwater allocations on February 3, 2023, and initiate a second variance process where a second round of consultation meetings were held

# Cuyama CMA Allocation/Variance Schedule



# Variance Review Process

- Generally, the variance process has proceeded as follows:
  1. CBGSA staff and an ad hoc committee of the Board reviewed each submitted variance request
  2. CBGSA staff invited each CMA landowner who submitted a variance request to present information in support of their request to the ad hoc committee (consultation meetings)
  3. The ad hoc committee developed a recommendation for each submitted variance request and informed each CMA landowner who submitted a variance request of that recommendation and of their opportunity to rebut that recommendation before the full Board
  4. **The Board took action on each submitted variance request and directed CBGSA staff to finalize the updated proposed groundwater allocations**

# Adoption of Final Allocations for 2023 and 2024

- Staff is requesting a Board recommendation to consider approving Resolution 2023-051 (Attachment 1) setting final CMA allocations for 2023 and 2024 (Attachment 2)

**RESOLUTION NO. 2023-051****A RESOLUTION OF  
THE BOARD OF DIRECTORS OF  
CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY  
ADOPTING GROUNDWATER ALLOCATIONS FOR THE  
CENTRAL MANAGEMENT AREA FOR 2023 AND 2024**

**WHEREAS**, the California Legislature passed a statewide framework for sustainable groundwater management, known as the Sustainable Groundwater Management Act (Wat. Code, § 10720 *et seq*) that went into effect on January 1, 2015; and

**WHEREAS**, the Sustainable Groundwater Management Act (SGMA) requires all high-priority groundwater basins, as designated by the California Department of Water Resources (DWR) Bulletin 118, to be managed by a Groundwater Sustainability Agency (GSA) or multiple GSAs; and

**WHEREAS**, the Cuyama Valley Groundwater Basin (Basin) has been designated by DWR as a high-priority basin in critical overdraft (DWR Bulletin 118 Groundwater Basin: 3-013); and

**WHEREAS**, on June 6, 2017, Cuyama Basin Water District, Cuyama Community Services District, County of Kern, County of San Luis Obispo, Santa Barbara County Water Agency, and County of Ventura elected to become a GSA for the Basin; and

**WHEREAS**, on December 9, 2019, the Cuyama Basin Groundwater Sustainability Agency (CBGSA) duly prepared and adopted a groundwater sustainability plan (GSP) for the Basin; and

**WHEREAS**, on March 3, 2023, DWR informed CBGSA that DWR would recommend to the State Water Resources Control Board the approval of CBGSA's GSP for the Basin; and

**WHEREAS**, SGMA authorizes a GSA to establish groundwater allocations pursuant to Water Code section 10726.4, subdivision (a)(2); and

**WHEREAS**, section 7.5.2 of CBGSA's GSP provides that CBGSA will implement groundwater allocations within the Central Management Area (CMA) in 2023; and

**WHEREAS**, on July 30, CBGSA informed each landowner within the CMA of their proposed groundwater allocations and invited each landowner within the Central Management Area to file a variance request in the event that a landowner identified an error or mistake with CBGSA's proposed groundwater allocations; and

**WHEREAS**, during this initial variance process, CBGSA staff was alerted to an issue regarding CBGSA's modeling methodology; and

**WHEREAS**, in response CBGSA staff revised its modeling methodology to address the identified issue and thereafter, on February 3, 2023, CBGSA informed each landowner within the CMA of

their updated proposed groundwater allocation and again invited each landowner within the CMA to file a variance request in the event that a landowner identified an error or mistake with CBGSA's updated proposed groundwater allocations; and

**WHEREAS**, after (1) a review by CBGSA staff and an ad hoc committee, (2) a consultation meeting during which each landowner who submitted a variance request was invited to present information in support of their request, and (3) an opportunity to appear and present before CBGSA's Board of Directors (Board), the Board took action on each variance request and directed CBGSA staff to finalize the updated proposed groundwater allocations; and

**WHEREAS**, CBGSA staff has finalized the updated proposed groundwater allocations and, on April 21, 2023, CBGSA informed each landowner within the CMA of those finalized updated proposed groundwater allocations, attached hereto and incorporated herein as **Exhibit A**; and

**WHEREAS**, it is the desire of the Board to adopt the finalized updated proposed groundwater allocations, attached hereto and incorporated herein as **Exhibit A**, for 2023 and 2024.

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of Cuyama Basin Groundwater Sustainability Agency as follows:

- (1) The foregoing is true and correct.
- (2) The groundwater allocations set forth in **Exhibit A**, attached hereto and incorporated herein, are hereby approved and adopted for 2023 and 2024.

**PASSED, APPROVED, and ADOPTED** by the Board of Directors of the Cuyama Basin GSA, this 3<sup>rd</sup> day of May 2023 by the following vote:

AYES:  
NOES:  
ABSENT:  
ABSTAIN:

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Cory Bantilan, Chairperson

ATTEST:

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James M. Beck  
Executive Director

### **CERTIFICATE OF SECRETARY**

The undersigned, Secretary of the Cuyama Basin Groundwater Sustainability Agency, hereby

certifies that the foregoing Resolution was adopted by the Board of Directors of said GSA at a meeting thereof, duly and specially held on May 3, 2023 at which meeting a quorum of the Board of Directors was at all times present and acting.

IN WITNESS WHEREOF, I have set my hand this 3<sup>rd</sup> day of May 2023.

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Arne Anselm, Secretary

## Cuyama Basin Groundwater Sustainability Central Management Area Plus Farming Unit Allcoations - April 2023

Landowner	Parcel Area in CMA Plus Farming Units (Acres)	Number of Wells	WY 1998-2017 Average Applied Water (AF)	% of Annual Average	Sum Estimated Pumping Allocation for 2023 (AF)	Sum of Estimated Pumping Allocation for 2024 (AF)
1 501C3 BLUE SKY SUSTAINABLE LIVING CENTER	101.12	0	49.70	0.11%	53.93	51.76
2 AGUILA G BOYS LLC	81	0	66.56	0.15%	72.22	69.32
3 AGUILA G-BOYS LLC	849.88	0	1191.64	2.67%	1292.95	1241.05
4 ALARCON ARMANDO	0.21	0	0.04	0.00%	0.00	0.00
5 ALMADA JESSE RAMON	0.24	0	0.14	0.00%	0.00	0.00
6 ALMANZA OSCAR SALINAS	0.23	0	0.00	0.00%	0.00	0.00
7 ALVAREZ MARIO M	0.19	0	0.03	0.00%	0.00	0.00
8 ANDRADE GUY JOSEPH	0.23	0	0.00	0.00%	0.00	0.00
9 ANSELMO MARY HEIRS OF	25.08	0	0.41	0.00%	0.44	0.42
10 ARBAYO-GIL MATTHEW JOSHUA	0.23	0	0.00	0.00%	0.00	0.00
11 ARBAYO-GIL REUBEN M	0.26	0	0.00	0.00%	0.00	0.00
12 ARREOLA ANGELICA MARGARITA	0.23	0	0.00	0.00%	0.00	0.00
13 ASHTON RICHARD J	0.67	0	0.00	0.00%	0.00	0.00
14 AZEVEDO FRANCISCO FAMILY TRUST 5/29/02	0.44	0	0.00	0.00%	0.00	0.00
15 BARAKAT NAZIR	0.75	0	0.00	0.00%	0.00	0.00
16 BARAKAT NAZIR N	0.34	0	0.00	0.00%	0.00	0.00
17 BARNES RUSSELL	0.23	0	0.00	0.00%	0.00	0.00
18 BECERRA FRANCISCO CARRANZA	0.24	0	0.00	0.00%	0.00	0.00
19 BELDEN FAM TR ET AL	5761.15	0	7406.58	16.58%	8036.31	7713.67
20 BOLTHOUSE LAND COMPANY LLC	6595.248	27	12008.20	26.87%	13029.17	12506.08
21 BOLTHOUSE PROPERTIES LLC	278.66	3	552.10	1.24%	599.04	574.99
22 BOSTER MELINDA MAE	0.25	0	0.00	0.00%	0.00	0.00
23 BOURGEOIS LEAH	0.22	0	0.14	0.00%	0.00	0.00
24 BRAY ROBERT B/JUDY A	0.41	0	0.00	0.00%	0.00	0.00
25 BRISTOW PATRICIA M	0.23	0	0.00	0.00%	0.00	0.00
26 BROOKOVER NELLIE F S	0.22	0	0.00	0.00%	0.00	0.00
27 BROWN FAMILY TRUST 9/1982	0.2	0	0.00	0.00%	0.00	0.00
28 BROWN FAMILY TRUST 9/82	0.96	0	0.00	0.00%	0.00	0.00
29 BUCK ANN M TRE ETAL	40	0	113.87	0.25%	123.55	118.59
30 CALIENTE RANCH CUYAMA LLC	2115.22	1	2048.75	4.58%	2222.94	2133.69
31 CALLAWAY BRYAN K/JULIE ANN	0.22	0	0.11	0.00%	0.00	0.00
32 CALLAWAY ERIC	20.45	0	9.66	0.02%	10.48	10.06
33 CAMPOS ANTONIO V	0.23	0	0.00	0.00%	0.00	0.00
34 CARDOSO JOSE LUIS	0.22	0	0.00	0.00%	0.00	0.00
35 CARRANZA MARIA R	0.68	0	0.00	0.00%	0.00	0.00
36 CARSON MARVIN J EST/OF	0.39	0	0.02	0.00%	0.02	0.02
37 CASA INVESTMENT LLC	0.56	0	0.00	0.00%	0.00	0.00
38 CASTILLO JOSE NEGRETE/JOSEFINA MUNOZ G	0.58	0	0.00	0.00%	0.00	0.00

## Cuyama Basin Groundwater Sustainability Central Management Area Plus Farming Unit Allcoations - April 2023

Landowner	Parcel Area in CMA Plus Farming Units (Acres)	Number of Wells	WY 1998-2017 Average Applied Water (AF)	% of Annual Average	Sum Estimated Pumping Allocation for 2023 (AF)	Sum of Estimated Pumping Allocation for 2024 (AF)
39 CHARLTON LELAND A	0.23	0	0.12	0.00%	0.00	0.00
40 CHELDIN ERWIN/ELIZABETH TRUSTEES	10	0	0.00	0.00%	0.00	0.00
41 CLINE IRREVOCABLE TRUST 3/27/15	0.23	0	0.12	0.00%	0.00	0.00
42 COMSTOCK J	0.26	0	0.02	0.00%	0.00	0.00
43 CONTINENTAL TELEPHONE COMPANY/CALIFORNIA	0.07	0	0.01	0.00%	0.00	0.00
44 COOPERS PETROLEUM DISTRIBUTOR INC	0.85	0	0.00	0.00%	0.00	0.00
45 CORTES CUEVAS DELFINO & MARTHA VERONICA REVOCABLE TR	1.03	0	0.37	0.00%	0.41	0.39
46 CORTEZ ARNULFO	0.22	0	0.00	0.00%	0.00	0.00
47 COUNTY OF SANTA BARBARA	20.03	0	4.22	0.00%	0.00	0.00
48 COX TERRI A	0.24	0	0.11	0.00%	0.00	0.00
49 CROW HELEN FRANCES TRUST 5/17/18	0.23	0	0.00	0.00%	0.00	0.00
50 CRUZ JENNIFFER	0.23	0	0.00	0.00%	0.00	0.00
51 CUEVAS GUSTAVO CORTES	0.34	0	0.00	0.00%	0.00	0.00
52 CURTIS HARRY P	0.27	0	0.00	0.00%	0.00	0.00
53 CUYAMA COMMUNITY METHODIST CHURCH	0.68	0	0.00	0.00%	0.00	0.00
54 CUYAMA COMMUNITY SERVICES DISTRICT	10.23	0	2.95	0.00%	0.00	0.00
55 CUYAMA JOINT UNION SCHOOL DISTRICT	0.72	0	0.00	0.00%	0.00	0.00
56 CUYAMA LAND HOLDINGS LLC	4.61	0	0.00	0.00%	0.00	0.00
57 CUYAMA MUTUAL WATER COMPANY	0.21	0	0.00	0.00%	0.00	0.00
58 CUYAMA SOLAR LLC (reassigned to BLC per existing contract)	318.49	0	507.96	0.011367728	551.15	529.03
59 CUYAMA UNION SCHOOL DISTRICT	19.99	1	0.02	0.00%	0.02	0.02
60 CUYAMA VALLEY RECREATION DISTRICT	13.96	0	0.80	0.00%	0.00	0.00
61 CUYAMA VALLEY FIRST SO BAPTIST CHURCH	0.24	0	0.00	0.00%	0.00	0.00
62 DAIL JOHN C L/EST	0.24	0	0.01	0.00%	0.00	0.00
63 DAVIS ALFRED E	0.23	0	0.12	0.00%	0.00	0.00
64 DIAMOND FARMING CO A CA CORP	1582.7	6	2617.33	5.86%	2839.87	2725.85
65 DIAMOND FARMING COMPANY	413.01	1	518.49	1.16%	562.58	539.99
66 DIAZ JOSE CANUTO	64.75	1	0.36	0.00%	0.39	0.37
67 DOMINQUEZ AURELIANO	0.23	0	0.00	0.00%	0.00	0.00
68 DOXEY JENNIFER W TRE ETAL	155	0	20.19	0.05%	21.90	21.02
69 DRAUCKER STEVEN L/ESTHER LOUISE	0.25	0	0.12	0.00%	0.00	0.00
70 DUE LIMONI LLC	31.54	0	0.84	0.00%	0.91	0.87
71 EDGMON MICHAEL E	0.23	0	0.08	0.00%	0.00	0.00
72 EHLI VIOLET M	1.12	0	1.60	0.00%	1.74	1.67
73 EICHERT KIM M	0.22	0	0.09	0.00%	0.00	0.00
74 EIGHT LS TRUST	0.22	0	0.00	0.00%	0.00	0.00
75 ENGRISER MARTIN	2.4	0	0.00	0.00%	0.00	0.00
76 ESPERICUETA JOSE LUIS MEDINA	0.24	0	0.00	0.00%	0.00	0.00

## Cuyama Basin Groundwater Sustainability Central Management Area Plus Farming Unit Allcoations - April 2023

Landowner	Parcel Area in CMA Plus Farming Units (Acres)	Number of Wells	WY 1998-2017 Average Applied Water (AF)	% of Annual Average	Sum Estimated Pumping Allocation for 2023 (AF)	Sum of Estimated Pumping Allocation for 2024 (AF)
77 FANCHER WILBUR & BRENDA LIVING TRUST	0.26	0	0.12	0.00%	0.00	0.00
78 FARRY LONG TERM TRUST 12/27/92	86.419	0	234.69	0.53%	254.65	244.43
79 FAST LAVERA L	0.22	0	0.14	0.00%	0.00	0.00
80 FERNANDEZ FRANCES TORRES	0.23	0	0.00	0.00%	0.00	0.00
81 FRADY JOHN C	0.22	0	0.00	0.00%	0.00	0.00
82 FRANKE RONALD	0.22	0	0.00	0.00%	0.00	0.00
83 GALVAN HECTOR JIMENEZ	0.23	0	0.00	0.00%	0.00	0.00
84 GARCIA FELIPE/OLGA	0.26	0	0.00	0.00%	0.00	0.00
85 GARCIA OSCAR CEJA	0.22	0	0.00	0.00%	0.00	0.00
86 GARCIA-ROBLEDO FELIPE DE JESUS	0.23	0	0.12	0.00%	0.00	0.00
87 GIL TAMERA J	0.22	0	0.01	0.00%	0.00	0.00
88 GILL MICHAEL L 2016 TRUST 11/15/16	20.06	0	7.88	0.02%	8.55	8.20
89 GIN FAMILY REVOCABLE TRUST 1/31/18	0.23	0	0.00	0.00%	0.00	0.00
90 GOLLER JUDITH L	1.32	0	0.00	0.00%	0.00	0.00
91 GOMEZ PENELOPE	0.23	0	0.00	0.00%	0.00	0.00
92 GONZALEZ GENARO	0.22	0	0.00	0.00%	0.00	0.00
93 GONZALEZ JOEL RUIZ	0.34	0	0.21	0.00%	0.00	0.00
94 GONZALEZ JUAN R SR	0.22	0	0.11	0.00%	0.00	0.00
95 HARRINGTON ANDREW	0.23	0	0.00	0.00%	0.00	0.00
96 HARRINGTON JASON M & MARY JO REVOCABLE LIVING TRUST	38.53	2	120.51	0.27%	130.75	125.51
97 HASLAM DORI L	0.23	0	0.00	0.00%	0.00	0.00
98 HEDLUND BRET R	0.5	0	0.04	0.00%	0.00	0.00
99 HERMRECK PROPERTIES LLC	1.73	0	0.39	0.00%	0.43	0.41
100 HERNANDEZ ROGELIO	0.22	0	0.10	0.00%	0.00	0.00
101 HERNANDEZ VICTOR GONZALEZ	0.51	0	0.19	0.00%	0.00	0.00
102 HOEKSTRA FAMILY TRUST 5/6/99	158	0	220.34	0.49%	239.07	229.47
103 HUDSON JOHN B FAM TRUST 3/25/90	0.23	0	0.00	0.00%	0.00	0.00
104 JOHNSON EMILY	0.24	0	0.00	0.00%	0.00	0.00
105 JOHNSON JIMMY M	0.25	0	0.00	0.00%	0.00	0.00
106 JOHNSTON DARLENE O TRUSTEE	0.46	0	0.00	0.00%	0.00	0.00
107 JONES JENNIFER E	0.21	0	0.11	0.00%	0.00	0.00
108 JOO CAPITAL PARTNERS LLC	176.85	0	158.64	0.36%	172.13	165.22
109 JOYENO ELIAS	2.5	0	0.00	0.00%	0.00	0.00
110 KAEDING NEAL THOMAS	0.22	0	0.13	0.00%	0.00	0.00
111 KEEN PATRICK M	0.24	0	0.12	0.00%	0.00	0.00
112 KENNEDY JUSTIN D	0.29	0	0.14	0.00%	0.00	0.00
113 KERN RIDGE GROWERS LLC	424.52	2	599.87	1.34%	650.88	624.75
114 KHALIL SAMEER F & ENSAF LIVING TRUST	0.33	0	0.00	0.00%	0.00	0.00

## Cuyama Basin Groundwater Sustainability Central Management Area Plus Farming Unit Allcoations - April 2023

Landowner	Parcel Area in CMA Plus Farming Units (Acres)	Number of Wells	WY 1998-2017 Average Applied Water (AF)	% of Annual Average	Sum Estimated Pumping Allocation for 2023 (AF)	Sum of Estimated Pumping Allocation for 2024 (AF)
115 KHALIL SAMEER F & ENSAF LIVING TRUST 7/28/2000	0.58	0	0.00	0.00%	0.00	0.00
116 KHALIL SAMEER F/ENSAF LIVING TRUST 7/28/00	0.75	0	0.00	0.00%	0.00	0.00
117 KINCAID GEORGE E/PATRICIA R TRUSTEES	0.23	0	0.00	0.00%	0.00	0.00
118 KISTLER MAX LEROY JR	0.23	0	0.00	0.00%	0.00	0.00
119 LAPIS LAND CO LLC	419.33	2	815.12	1.82%	884.43	848.92
120 LAPIS LAND COMPANY LLC	1808.54	5	4076.42	9.12%	4423.00	4245.43
121 LAURABEE FRANK A	0.46	0	0.23	0.00%	0.00	0.00
122 LAWLER 2008 FAMILY TRUST 9/5/08	0.23	0	0.00	0.00%	0.00	0.00
123 LEAR REAL ESTATE ENTERPRISES LLC	541.634	2	783.08	1.75%	849.66	815.55
124 LEMUS RUBEN LEON	0.23	0	0.00	0.00%	0.00	0.00
125 LENZ TONYA M	0.23	0	0.00	0.00%	0.00	0.00
126 LEPELL DANIEL	0.26	0	0.00	0.00%	0.00	0.00
127 LOVETT DEAN	0.46	0	0.00	0.00%	0.00	0.00
128 LOVETT MICHAEL S	0.23	0	0.00	0.00%	0.00	0.00
129 LUJANO CARLOS GARCIA/RAQUEL	0.26	0	0.00	0.00%	0.00	0.00
130 MAGGIO FAMILY TRUST	0.46	0	0.00	0.00%	0.00	0.00
131 MAGGIO FAMILY TRUST 02/15/96	0.24	0	0.00	0.00%	0.00	0.00
132 MAGGIO MARVIN	0.46	0	0.00	0.00%	0.00	0.00
133 MAGGIO MARVIN S	0.23	0	0.00	0.00%	0.00	0.00
134 MARRS JEFFREY ALAN	0.22	0	0.12	0.00%	0.00	0.00
135 MARRS JEFFREY ALLEN	0.23	0	0.00	0.00%	0.00	0.00
136 MARTINEZ JACOB	0.22	0	0.00	0.00%	0.00	0.00
137 MCGARRY JAMES M REVOCABLE TRUST 4/29/19	0.23	0	0.00	0.00%	0.00	0.00
138 MEAD STEVEN T	0.23	0	0.00	0.00%	0.00	0.00
139 MEDINA JOSE LUIS	0.24	0	0.00	0.00%	0.00	0.00
140 MELGOZA DANIEL MENDOZA	0.22	0	0.13	0.00%	0.00	0.00
141 MENDIBURU JOSE M	0.39	0	0.00	0.00%	0.00	0.00
142 MENDIBURU JOSE M/GERMAINE	0.24	0	0.00	0.00%	0.00	0.00
143 MERCADO ERIC	0.23	0	0.00	0.00%	0.00	0.00
144 MONTGOMERY JAMES BERNARD	0.22	0	0.07	0.00%	0.00	0.00
145 MONTGOMERY JASON	0.22	0	0.00	0.00%	0.00	0.00
146 MOORE FAMILY TRUST 6/6/12	0.22	0	0.00	0.00%	0.00	0.00
147 MORALES OFELIA	0.23	0	0.00	0.00%	0.00	0.00
148 MORRIS ZALE RAY	0.27	0	0.00	0.00%	0.00	0.00
149 MORTENSEN PETER B	0.24	0	0.00	0.00%	0.00	0.00
150 MUNIZ ANTHONY BLAINE	0.24	0	0.12	0.00%	0.00	0.00
151 MUNOZ FERNANDO FONSECA	0.23	0	0.12	0.00%	0.00	0.00
152 NAVA MARTIN CONSTANTINO ROMERO	0.22	0	0.14	0.00%	0.00	0.00

## Cuyama Basin Groundwater Sustainability Central Management Area Plus Farming Unit Allcoations - April 2023

Landowner	Parcel Area in CMA Plus Farming Units (Acres)	Number of Wells	WY 1998-2017 Average Applied Water (AF)	% of Annual Average	Sum Estimated Pumping Allocation for 2023 (AF)	Sum of Estimated Pumping Allocation for 2024 (AF)
153 NOLAN MICHAEL A & ANNE R REVOCABLE LIVING TRUST 6/22	0.24	0	0.03	0.00%	0.00	0.00
154 OCAMPO FELICITAS I	10	0	7.28	0.02%	7.90	7.59
155 ORTEGA RAUL	0.23	0	0.00	0.00%	0.00	0.00
156 PACIFIC GAS AND ELECTRIC CO	1	0	0.21	0.00%	0.22	0.21
157 PHILLIPS LOIS ANN TRUSTEE	0.23	0	0.00	0.00%	0.00	0.00
158 PRICE FAMILY TRUST 10/18/12	3.56	0	0.00	0.00%	0.00	0.00
159 PRICE WILLIAM G	1.76	0	0.00	0.00%	0.00	0.00
160 PRIDEAUX ROBIN ANNE	0.23	0	0.11	0.00%	0.00	0.00
161 PRITZ STEVEN A	10	0	0.65	0.00%	0.71	0.68
162 QUIRK ANNE	0.25	0	0.11	0.00%	0.00	0.00
163 QUIRK ROBERT S	0.21	0	0.11	0.00%	0.00	0.00
164 RATZKE WILLIAM WALTER	0.25	0	0.00	0.00%	0.00	0.00
165 RAY RICHARD N/PEARL A	0.38	0	0.00	0.00%	0.00	0.00
166 REHA JESSE	0.26	0	0.00	0.00%	0.00	0.00
167 REINHARD CARL W JR TRE ETAL	7	0	25.69	0.06%	27.88	26.76
168 RODRIGUEZ EUSEBIO JR	0.22	0	0.14	0.00%	0.00	0.00
169 RODRIGUEZ JUDITH A	0.46	0	0.00	0.00%	0.00	0.00
170 RODRIGUEZ MARY FRANCES	0.23	0	0.00	0.00%	0.00	0.00
171 RODRIGUEZ PEDRO/AURORA	0.23	0	0.00	0.00%	0.00	0.00
172 ROMAN CATHOLIC ARCHBISHOP L A	1.3	0	0.16	0.00%	0.00	0.00
173 ROSCAMP EARL JR/MARY	0.96	0	0.08	0.00%	0.09	0.09
174 ROSCAMP RHODA	0.79	0	0.02	0.00%	0.02	0.02
175 RUBY LAND COMPANY LLC	7190.44	15	7200.29	16.11%	7812.48	7498.83
176 SADIQ ZAHID	11.52	0	0.42	0.00%	0.46	0.44
177 SALAZAR LEE ANN	0.23	0	0.00	0.00%	0.00	0.00
178 SAN DIEGO ANDREA	0.24	0	0.00	0.00%	0.00	0.00
179 SANCHEZ MARIA Z	0.27	0	0.05	0.00%	0.00	0.00
180 SANDOVAL CARMEN H	0.22	0	0.00	0.00%	0.00	0.00
181 SANTA MARIA JT UN HS DIST	0.24	0	0.00	0.00%	0.00	0.00
182 SANTA MARIA UN HS DIST	43.88	0	20.44	0.05%	22.18	21.29
183 SANTIAGO EZEQUIEL	0.22	0	0.00	0.00%	0.00	0.00
184 SANTOS LAURENCIO	0.24	0	0.00	0.00%	0.00	0.00
185 SAWYER MARTHA J	31.52	0	0.00	0.00%	0.00	0.00
186 SCHOT LOUIS REVOCABLE LIVING TRUST 11/16/21	0.27	0	0.03	0.00%	0.00	0.00
187 SEPV CUYAMA LLC	20.44	0	1.44	0.00%	1.57	1.50
188 SIEBENTHAL MARY C	0.21	0	0.14	0.00%	0.00	0.00
189 SLUMSKIE FAMILY TRUST 4/9/96	40	0	110.79	0.25%	120.21	115.38
190 SMITH MICHAEL D	10.36	0	0.00	0.00%	0.00	0.00

## Cuyama Basin Groundwater Sustainability Central Management Area Plus Farming Unit Allcoations - April 2023

Landowner	Parcel Area in CMA Plus Farming Units (Acres)	Number of Wells	WY 1998-2017 Average Applied Water (AF)	% of Annual Average	Sum Estimated Pumping Allocation for 2023 (AF)	Sum of Estimated Pumping Allocation for 2024 (AF)
191 SOLIS JAIRO NIBARDO MEDINA	0.22	0	0.03	0.00%	0.00	0.00
192 SOUTHERN CALIFORNIA GAS COMPANY	0.99	0	0.33	0.00%	0.35	0.34
193 SPINNER LINDA L LIVING TRUST 4/2/12	0.22	0	0.03	0.00%	0.00	0.00
194 STANCLIFF RALPH	0.22	0	0.12	0.00%	0.00	0.00
195 STEVENS ROBERT	0.23	0	0.00	0.00%	0.00	0.00
196 STUDER FRANK/LAURA	0.23	0	0.00	0.00%	0.00	0.00
197 STUDER THOMAS J JR	2.11	0	0.12	0.00%	0.00	0.00
198 SUNRISE RANCH PROPERTIES LLC	612.98	4	1470.78	3.29%	1595.83	1531.76
199 SUNRISE RANCH PROPERTIES LLC (CA)	314.26	1	917.98	2.05%	996.03	956.05
200 SWAN BENJAMIN MATTHEW	0.25	0	0.00	0.00%	0.00	0.00
201 TALLEY STEVEN E	0.23	0	0.00	0.00%	0.00	0.00
202 TERRONES TIMOTHY J	0.25	0	0.00	0.00%	0.00	0.00
203 THORSEN SONYA	0.21	0	0.12	0.00%	0.00	0.00
204 TORRES JOSE P ETAL	6.11	0	1.33	0.00%	1.45	1.39
205 TRUJILLO FAMILY TRUST 9/7/17	467.95	0	766.56	1.72%	831.73	798.34
206 UNITED STATES OF AMERICA	157.34	0	10.86	0.02%	11.79	11.31
207 UNKNOWN OWNER	0.26	0	0.14	0.00%	0.15	0.14
208 URIBE CESAR	0.56	0	0.00	0.00%	0.00	0.00
209 USA	411	0	12.81	0.03%	13.90	13.34
210 VAN SCHOYCK ALBERT WAYNE	0.21	0	0.07	0.00%	0.00	0.00
211 VASQUEZ ERIC FRANK	0.23	0	0.00	0.00%	0.00	0.00
212 VICKERY BRIAN O/MAUREEN E	0.24	0	0.00	0.00%	0.00	0.00
213 VICKERY VIVIAN L	0.23	0	0.00	0.00%	0.00	0.00
214 VINCENT CHARLES N	0.23	0	0.00	0.00%	0.00	0.00
215 VOSBURGH JASON D & THANY T	37	0	5.07	0.01%	5.50	5.28
216 WARD RACHEL	0.25	0	0.13	0.00%	0.00	0.00
217 WELKER SUSAN	0.23	0	0.14	0.00%	0.00	0.00
218 WHEELER ROY W/PEGGY E	0.22	0	0.03	0.00%	0.00	0.00
219 WILKINSON MICHAEL	0.23	0	0.00	0.00%	0.00	0.00
220 WILLIAMS DEBORAH L	0.32	0	0.19	0.00%	0.00	0.00
221 WILSON ANGELA TRUST 12/21/06	0.21	0	0.11	0.00%	0.00	0.00
222 WILSON SUSAN	0.23	0	0.14	0.00%	0.00	0.00
223 WRIGHT ANDREW ZANDER	0.22	0	0.12	0.00%	0.00	0.00
224 ZOLL FAMILY TRUST 6/27/91	0.23	0	0.00	0.00%	0.00	0.00
225 (blank)	0	0	0.00		0.00	0.00
226 <b>Grand Total</b>	<b>31636.621</b>	<b>73</b>	<b>44698.68</b>	<b>100%</b>	<b>48484.00</b>	<b>46537.48</b>

Note: Nothing in this spreadsheet is intended as a precedential allocation or a determination of water rights.

Applied Water (AW) Estimates by Water Year (Acre-feet per Year)

Total Avg Applied Water in WY 98-17 (excluding residential) 44,683 acre-feet

Table with columns: APN, Parcel Owner, Area, In CCSD?, In ESD? In Irigated?, Number of Production Wells, and 20 years of water year data (WY 1998-2021). Includes a summary section for Maximum Annual Pumping (af) and Estimated Pumping Allocation for 2024.



Applied Water (AW) Estimates by Water Year (Acre-feet per Year)

Total Avg Applied Water in WY 98-17 (excluding residential) 44,683 acre-feet

Table with columns: APN, Parcel Owner, Area, In CSD?, Irrigated?, Number of Production Wells, and water usage estimates for years 1998-2021. Includes summary statistics for Maximum Annual Pumping, Percent of Annual Average, and Estimated Pumping Allocation for 2023 and 2024.

Applied Water (AW) Estimates by Water Year (Acre-feet per Year)

Total Avg Applied Water in WY 98-17 (excluding residential) 44,683 acre-feet

Table with columns: APN, Parcel Owner, Area, In CSD?, Irrigated?, Number of Production Wells, and 25 columns of water year estimates (WY 1998 to WY 2021). Includes summary rows for Maximum Annual Pumping, Percent of Annual Pumping, and Estimated Pumping Allocation for 2022 and 2024.

\*The allocations to property owners shown with an asterisk (\*) are part of a larger farming unit allocation and do not represent a specific allocation to that particular owner/parcel within the farming unit.

Nothing in this spreadsheet is intended as a precedential allocation or a determination of water rights. BLC = Bothouse Land Company

48484.00



TO: Board of Directors  
Agenda Item No. 11

FROM: Jim Beck / Joe Hughes / Brian Van Lienden

DATE: May 3, 2023

SUBJECT: Review and Take Appropriate Action on Supplemental Section to GSP Sustainability Thresholds Chapter and Authorize 90-Day Notice to Cities and Counties for an Amendment to the GSP

**Recommended Motion**

Authorize issuing a 90-day notice to Cities and Counties setting a public hearing to consider amending the GSP.

**Discussion**

On March 29, 2023, the Board directed staff to adjust minimum thresholds (option 1) and ensure additional production wells are not impacted, which is summarized in Attachment 1. The draft supplemental Groundwater Sustainability Plan (GSP) Section 5.2.2 incorporating this work is provided as Attachment 2.

Provided as Attachment 3 is a draft letter providing 90-day notice to Cities and Counties of the intent to amend the GSP for consideration of approval.

11. Review and Take Appropriate Action on Supplemental Section to GSP Sustainability Thresholds Chapter  
Van Lienden/Beck/Hughes

May 3, 2023



# CBGSA Board Direction

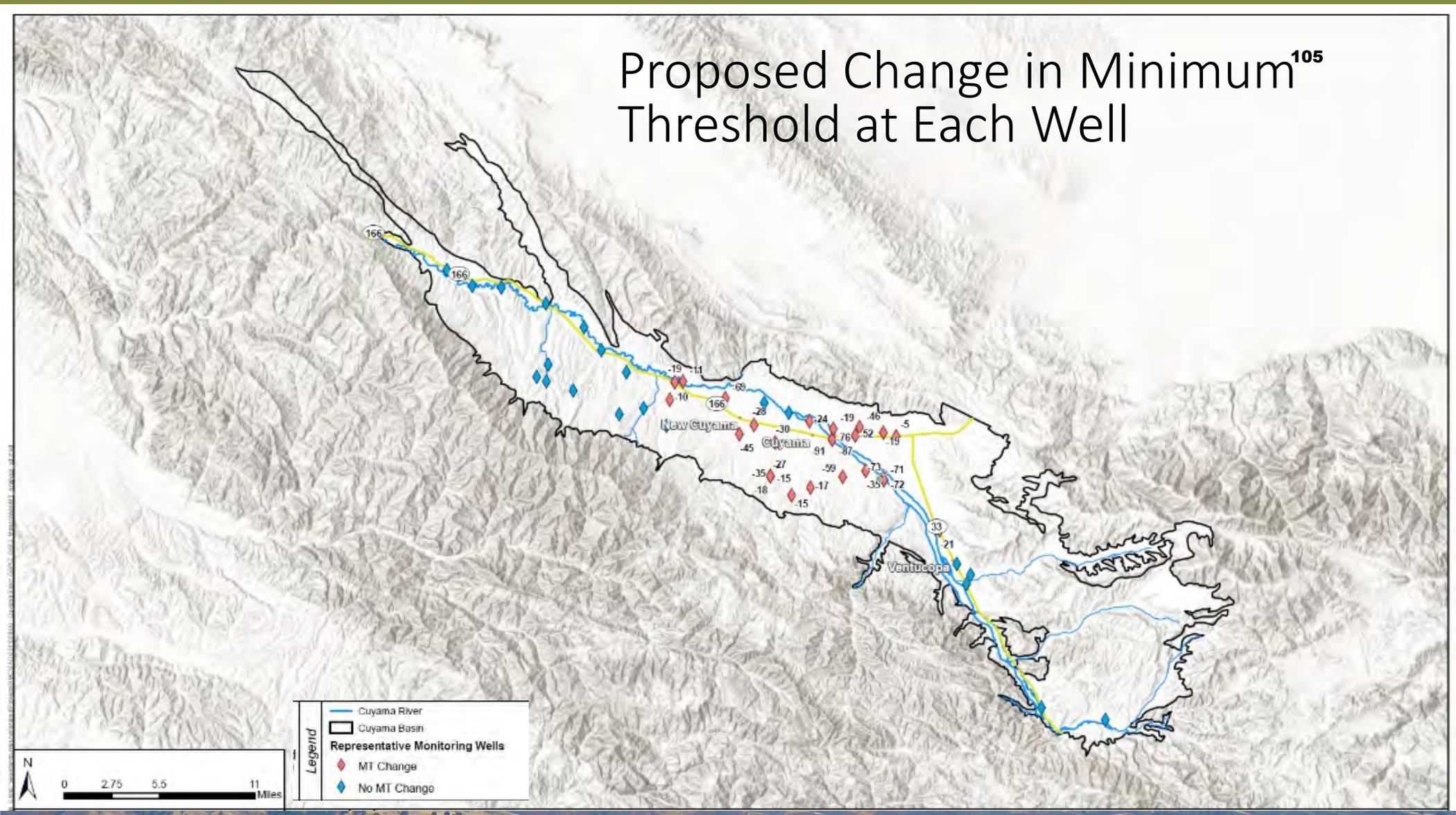
Brian Van Lienden

- July 2022 Board meeting:
  - Directed staff to perform analysis for options 3 [Revise (Lower) Minimum Thresholds] and 4 [Revise Undesirable Results Trigger (30% for 2-years)]
  - Analysis Performed:
    - Performed well survey of all wells in Basin
    - Analyzed 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
    - GIS-based analysis to assess potential impacts to beneficial uses and users
- March 2023 Board Meeting:
  - Reviewed options as presented by staff: 1) adjust minimum thresholds; and 2) adjust undesirable results definition
  - Directed Staff to work on option 1 as presented and ensure additional production wells are not impacted for presentation at the May 3, 2023 Board meeting.

# Development of Draft Supplemental Sustainability Thresholds GSP Section <sup>104</sup>

- Process to develop revised minimum thresholds (MTs):
  - Developed a proposed MT for each well by estimating the projected 2025 groundwater elevation based on the observed trend from 2015-2022 and adding a 10-foot buffer to each well
    - Wells with MTs above this level are unchanged
  - Proposed MTs were adjusted to ensure that there were no projected impacts to production and domestic wells or to groundwater-dependent ecosystems beyond what is projected with current minimum thresholds
  - MTs would be revised at 34 of 49 representative wells
  - 5 of 49 representative wells (10%) would have a projected MT exceedance in 2025
- Measurable objectives and interim milestones were unchanged
- Draft Supplemental GSP Section 5.2.2 presents the revised sustainability criteria and impact assessment for these proposed changes

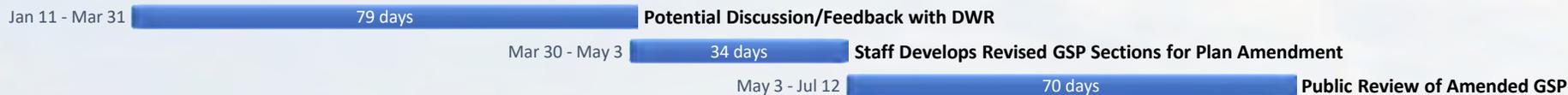
# Proposed Change in Minimum<sup>105</sup> Threshold at Each Well





# Cuyama Adaptive Management Schedule

Jim Beck



Staff Presents Options to Adjust MTs and UR Criteria. Board Provides Direction on Potential Plan Amendment

Mar 29

**Today** Draft Revised GSP presented to Board; initiation of public review process  
May 3

Public Hearing  
Jul 12

Submit Revised GSP  
Aug 1



Jan 11 Board Mtg - Provides Direction on DWR Interaction  
Jan 5 SAC Mtg

Mar 29 Special Board Mtg  
Mar 23 Special SAC Mtg

May 3 Board Mtg  
Apr 27 SAC Mtg

Jul 12 Board Mtg  
Jul 6 SAC Mtg

**DRAFT**

# Board Direction on Next Steps

- Would the Board like to approve the draft Supplemental GSP section?
- Would the Board like staff to make any changes to the draft Supplemental GSP section?



## 5.2 Supplemental Section 5.2.2: Minimum Thresholds, Measurable Objectives, and Interim Milestones, Chronic Lowering of Groundwater Levels

As noted in the *Cuyama Basin Groundwater Sustainability Plan - Annual Report for the 2019-2020 Water Year*, the CBGSA Board determined in its January 2021 meeting to reduce the groundwater levels monitoring network to eliminate spatially redundant wells from the network. The current monitoring network includes 61 wells, of which 49 wells are representative wells. The representative wells currently in the network are shown in Table 5-4 below.

Since submission of the GSP, groundwater levels in the Basin have been declining and multiple representative monitoring wells have exceeded the minimum thresholds (MTs) set forth in the GSP. The *January 2023 Groundwater Conditions Report – Cuyama Valley Groundwater Basin* (Groundwater Conditions Report) reported that 49 percent, or 24 representative wells, are currently below their groundwater level MTs. As defined in Chapter 3 of this GSP, an Undesirable Result for groundwater levels “is considered to occur during GSP implementation when 30 percent of representative monitoring wells (i.e., 18 of 60 wells) fall below their minimum groundwater elevation thresholds for two consecutive years.” With the current representative monitoring network, this condition will occur when 15 representative wells (i.e., 30 percent of 49 wells) are below their MTs for 24 consecutive months. As of January 2023, 15 wells have been below their MTs for 20 consecutive months. Since groundwater levels monitoring occurs on a quarterly schedule, an Undesirable Result is projected to occur during the July 2023 monitoring period if conditions do not improve.

The CBGSA Board intends to reassess the sustainability criteria for the groundwater levels representative monitoring network during the development of the GSP five-year update to incorporate recent data, address data gaps, and ensure the sustainability criteria accurately reflect Basin conditions. However, to avoid an Undesirable Result determination before the completion of the five-year update, the CBGSA Board determined in its May 2023 Board meeting to revise the MTs at representative wells in advance of the five-year update development process. This will also allow for sufficient time for the CBGSA to implement the projects and management actions included in the GSP to eliminate overdraft in the Cuyama Basin by 2040. In particular, the CBGSA Board has approved the initial implementation of pumping allocations in the Central Management Area (i.e., Management Action 2), with a 5 percent pumping reduction in 2023 and a 10 percent pumping reduction in 2024 relative to baseline pumping levels.

Revised MTs for representative monitoring wells in the Basin were developed using the following process:

- The projected depth to water in each well in 2025 was estimated by assuming a linear extension of the groundwater level trend in each well between 2015 and 2022.



- The projected depth to water was compared to the MT in each well. If the MT was at least 10 feet below the projected depth to water (e.g., in well 474), then no change was made to the MT. In all other wells, a buffer of 10 feet was added to the projected depth to water.
- The wells with potential changes in MTs were compared to groundwater dependent ecosystem (GDE) locations, and no changes were made to MTs at locations that could potentially impact GDEs. This resulted in no changes in the MTs at wells 830 and 832 in the Far-West Northwestern region.
- An analysis was performed to estimate the potential impacts of changing MTs to the revised levels on domestic and production wells (see section below). and the proposed MTs were revised so that there would be no projected impacts to domestic and production wells beyond those that would occur at the previous MTs.

Table 5-4 shows the revised sustainability criteria for the groundwater levels representative monitoring network. No changes have been made to the measurable objectives (MOs), or to the 2025, 2030 or 2035 interim milestones (IMs). MTs have been revised in 28 of the 49 representative monitoring wells. The locations of these wells are shown in Figure 5-7. It is projected that an MT exceedance will occur in 2025 in 5 of the 49 wells (10%), as shown in Figure 5-8. This is below the threshold required for an Undesirable Result. Furthermore, it is not anticipated that these changes to MTs will result in any adverse impacts on GDEs or on domestic or production wells. However, if groundwater levels decrease sufficiently or exceed the threshold required for an Undesirable Result, the CBGSA will implement adaptive management actions as described in Section 7.6 of the GSP.



**Table 5-4: Revised Sustainability Criteria for Representative Monitoring Network Wells (feet below ground surface)**

OPTI Well	Region	Previous MT	Revised MT	Change in MT	Projected 2025 MT Exceedance	Final MO	2025 IM	2030 IM	2035 IM	Well Depth
72	Central	169	214	-45	0	124	169	154	147	790
74	Central	256	284	-28	0	243	256	252	250	--
77	Central	450	526	-76	0	400	450	433	425	980
91	Central	625	696	-71	0	576	625	609	601	980
95	Central	573	632	-59	0	538	573	561	556	805
96	Central	333	350	-17	0	325	333	330	329	500
98	Central	450	465	-15	0	439	450	446	445	750
99	Central	311	338	-27	0	300	311	307	306	750
102	Central	235	304	-69	-100	197	235	222	216	--
103	Central	290	320	-30	0	235	290	272	263	1,030
112	Central	87	97	-10	0	85	87	86	86	441
114	Central	47	58	-11	0	45	47	46	46	58
316	Central	623	696	-73	0	574	623	607	599	830
317	Central	623	695	-72	0	573	623	606	598	700
322	Central	307	342	-35	0	298	307	304	303	850
324	Central	311	329	-18	0	299	311	307	305	560
325	Central	300	315	-15	0	292	300	297	296	380
420	Central	450	541	-91	0	400	450	433	425	780



**Table 5-4: Revised Sustainability Criteria for Representative Monitoring Network Wells (feet below ground surface)**

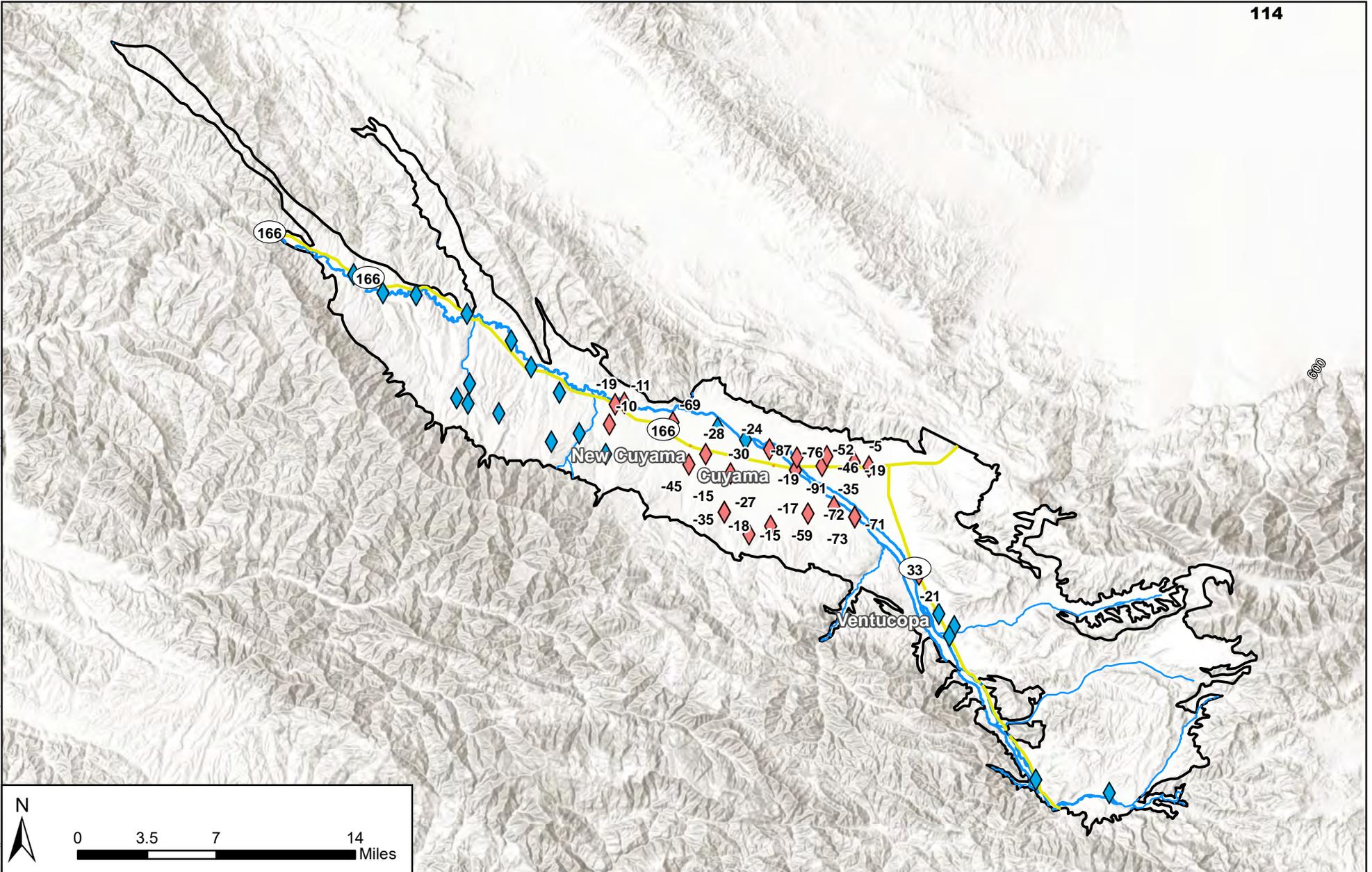
OPTI Well	Region	Previous MT	Revised MT	Change in MT	Projected 2025 MT Exceedance	Final MO	2025 IM	2030 IM	2035 IM	Well Depth
421	Central	446	533	-87	0	398	446	430	422	620
474	Central	188	188	0	0	169	188	182	179	213
568	Central	37	56	-19	0	36	37	37	37	188
604	Central	526	526	0	0	487	526	513	507	924
608	Central	436	460	-24	0	407	436	426	422	745
609	Central	458	458	0	0	421	458	446	440	970
610	Central	621	656	-35	0	591	621	611	606	780
612	Central	463	482	-19	0	440	463	455	452	1,070
613	Central	503	555	-52	0	475	503	494	489	830
615	Central	500	546	-46	0	468	500	489	484	865
629	Central	559	564	-5	-7	527	559	548	543	1,000
633	Central	547	566	-19	-21	493	547	529	520	1,000
62	Eastern	182	182	0	0	157	182	169	170	212
85	Eastern	233	233	0	0	209	233	204	221	233
100	Eastern	181	181	0	0	152	181	162	167	284
101	Eastern	111	132	-21	0	88	111	101	100	200
841	Northwestern	203	203	0	0	153	203	186	178	600
845	Northwestern	203	203	0	0	153	203	186	178	380



**Table 5-4: Revised Sustainability Criteria for Representative Monitoring Network Wells (feet below ground surface)**

OPTI Well	Region	Previous MT	Revised MT	Change in MT	Projected 2025 MT Exceedance	Final MO	2025 IM	2030 IM	2035 IM	Well Depth
2	Southeastern	72	72	0	0	55	72	66	64	73
89	Southeastern	64	64	0	0	44	64	57	54	125
106	Western	154	154	0	0	141.4	154	150	148	227.5
107	Western	91	91	0	-4	72.23	91	85	82	200
117	Western	160	160	0	0	150.82	160	157	155	212
118	Western	124	124	0	0	57.22	124	102	91	500
124	Western	73	73	0	0	57.12	73	68	65	160.55
571	Western	144	144	0	0	120.5	144	136	132	280
573	Western	118	118	0	0	67.5	118	101	93	404
830	Far-West Northwestern	59	59	0	-2	56	59	58	58	77.2
832	Far-West Northwestern	45	45	0	0	30	45	40	38	131.8
833	Far-West Northwestern	96	96	0	0	24	96	72	60	503.55
836	Far-West Northwestern	79	79	0	0	36	79	65	58	325

Figure Exported: 4/21/2023, By: vdeanda Using: \\woodardcurran.net\shared\Projects\RWC\SAC\0011078.00 - Cuyama Basin\_GSP\Z\_GIS\Z\_Maps\Wells\MT\_Analysis\_vd.mxd



**FIGURE 5-7: Changes in Groundwater Level Minimum Thresholds**

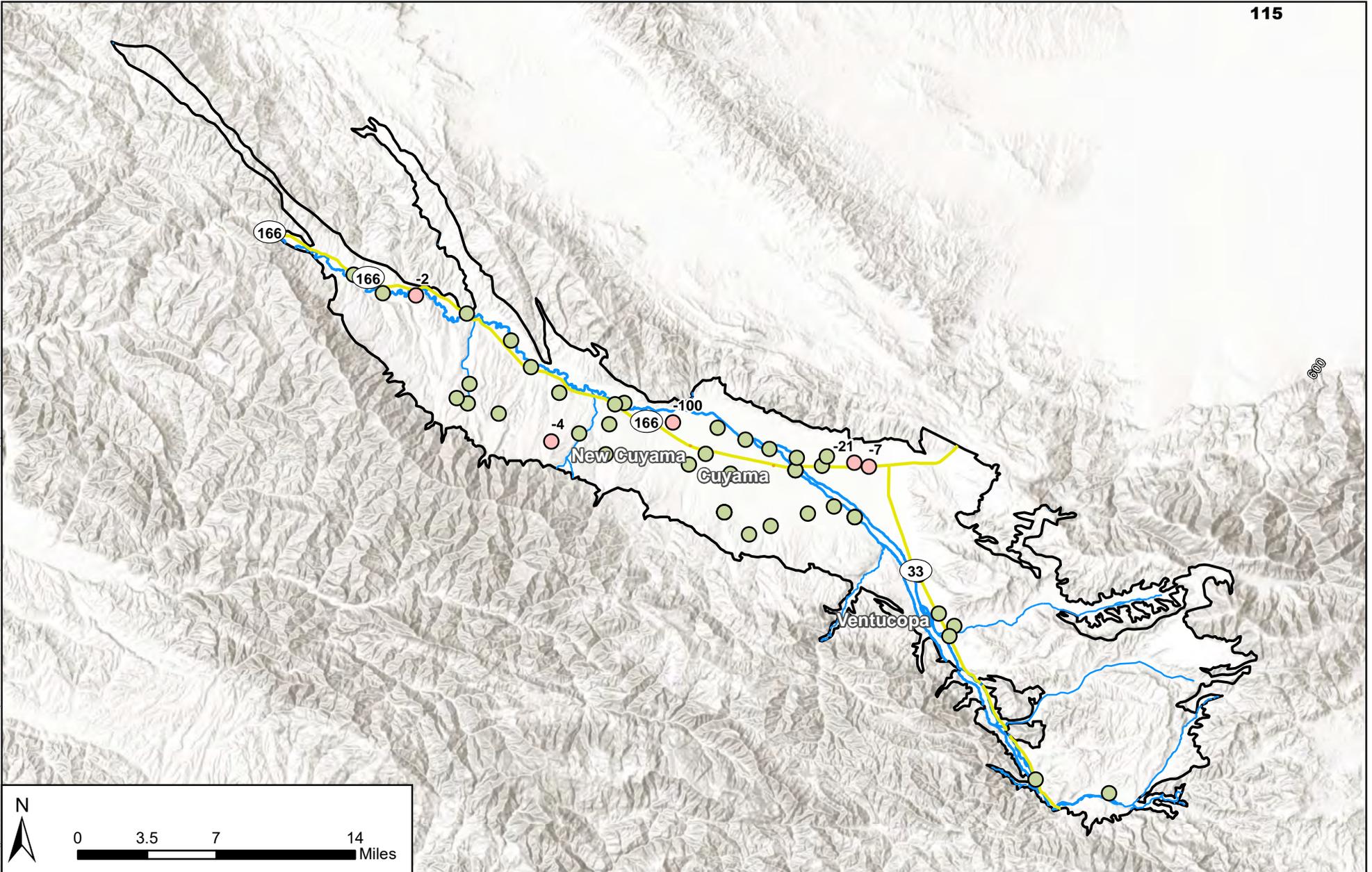
Cuyama Basin Groundwater Sustainability Agency  
 Cuyama Valley Groundwater Basin Groundwater Sustainability Plan  
 April 2023



*Legend*

- Cuyama River
- Cuyama Basin
- Representative Monitoring Wells**
- ◆ MT Change
- ◆ No MT Change

Figure Exported: 4/21/2023, By: vdeanda Using: \\woodardcurran.net\shared\Projects\RWC\SAC\0011078.00 - Cuyama Basin\_GSP\Z\_GIS\Z\_Maps\Wells\MT\_Analysis\_vd.mxd



**FIGURE 5-8: Projected MT Exceedances by 2025**

Cuyama Basin Groundwater Sustainability Agency  
 Cuyama Valley Groundwater Basin Groundwater Sustainability Plan

April 2023



Legend

- Cuyama River
- Cuyama Basin
- Representative Well Projected Exceedances**
- Projected GWL Exceedance
- No Projected GWL Exceedance



## Impact Assessment of Revised Minimum Threshold Impacts on Domestic and Production Wells

An impact assessment was performed to confirm that the revised MTs are still protective of production wells and domestic wells in the Basin. The goal of this analysis was to ensure that no additional production and domestic wells would be at risk of going dry with the proposed revisions to MTs in the groundwater levels monitoring network. The assessment was performed using well location and construction information for domestic and production wells that the CBGSA has confirmed as recently active, based on information provided by GSP implementation programs and during GSP development. To accomplish this, the CBGSA collected all available well data for these wells in tabular formats.

The assessment used an estimated protective depth for production wells throughout the Basin (i.e., groundwater level depth needed to ensure the quality of pumped groundwater). For wells with a known screen interval, the protective depth was estimated to be at the middle of the screen interval. If the screen interval was not known but the well depth was known, then the protective depth was calculated as 10 feet above well depth or 5 percent of well depth, whichever is greater. If only the hole depth was known, the protective layer was calculated as 20 feet above well depth or 5 percent of well depth, whichever is greater. Some basic filtering criteria were also applied to the analysis to remove wells from consideration, including those wells that are inactive, wells without known construction data, wells that are distant from active groundwater management and monitoring, and wells that were already dry as of January 1, 2015. Following the application of the filtering criteria, a total of 104 production wells were available for evaluation.

Both the previous MTs and the revised MTs for the representative monitoring network were used to estimate the interpolated MT at each of the 104 production and domestic wells. This was compared to the protective depth at each well to determine the number of wells that were at risk. Because the revised MTs were set such that there were no additional impacts, both the previous and revised MTs had the same results, which are shown in Table 5-5. Out of 104 production and domestic wells evaluated, a total of 13 (13 percent of the total) would potentially be at risk of going dry if the revised MTs are reached. Four of these are domestic wells. The CBGSA will continue to use adaptive management to safeguard the domestic and production wells throughout the Basin.



**Table 5-5: Impact Assessment for Production Wells Against Groundwater Level MTs**

Threshold Region	Production Wells			Domestic Wells			Total Wells		
	Total	At Risk	% At Risk	Total	At Risk	% At Risk	Total	At Risk	% At Risk
Northwestern	10	1	10%	1	0	0%	11	1	9%
Western	8	2	25%	12	2	17%	15	3	20%
Central	54	2	4%	1	0	0%	55	2	4%
Eastern	9	1	11%	5	2	40%	13	3	23%
Southeastern	8	4	50%	2	0	0%	10	4	40%
<b>Total</b>	<b>89</b>	<b>10</b>	<b>11%</b>	<b>21</b>	<b>4</b>	<b>19%</b>	<b>104</b>	<b>13</b>	<b>13%</b>

**Notes:**

The total number of wells assessed is less than the sum of production wells and domestic wells because there is some overlap between production wells and domestic wells.

**Directors:**

May [INSERT], 2023

Cory Bantilan  
*Chair*[NAME]  
[ADDRESS]Matt Vickery  
*Vice Chair*

[CITY], CA [ZIP]

Byron Albano

**RE: Notification of Intent to Amend the CBGSA GSP**

Arne Anselm

Dear [NAME]:

Rick Burnes

The purpose of this letter is to provide you with notice of the Cuyama Basin Groundwater Sustainability Agency's (CBGSA) intent to amend its adopted groundwater sustainability plan (GSP) pursuant to Water Code section 10728.4.

Jimmy Paulding

Zack Scrivner

Das Williams

On December 9, 2019, the CBGSA Board of Directors (Board) adopted a GSP for the Cuyama Groundwater Basin in accordance with the Sustainable Groundwater Management Act (SGMA). On January 28, 2020, CBGSA submitted its adopted GSP to the California Department of Water Resources (DWR) for review. Upon such review, DWR determined that CBGSA's adopted GSP was "incomplete." After several months of public meetings, on [DATE], CBGSA adopted an amended GSP, addressing those deficiencies identified by DWR. On [DATE], DWR determined that CBGSA's amended GSP would be recommended for "approved." While the CBGSA is currently implementing pumping reductions in a portion of the basin, groundwater levels have declined more quickly than anticipated during GSP development. To allow the appropriate time to fully analyze sustainable management criteria on beneficial uses and users, the CBGSA is recommending the GSP be revised now to adjust sustainable management criteria, with additional revisions to be considered during the 2025 GSP update. The CBGSA will hold a public hearing on [DATE], 2023 at 2:00 PM to consider amendment of the GSP.

Deborah Williams

Jane Wooster

Derek Yurosek

**Staff:**James M. Beck  
*Executive Director*Joe Hughes  
*Legal Counsel*

If you have any questions or would like to discuss these matters further with the CBGSA, please contact Taylor Blakslee at (661) 477-3385, or [tblakslee@hgcpm.com](mailto:tblakslee@hgcpm.com).

Sincerely,

Jim Beck  
Executive Director



TO: Board of Directors  
Agenda Item No. 12

FROM: Jim Strandberg / Joe Hughes

DATE: May 3, 2023

SUBJECT: Award a Contract for the Installation of Dedicated Monitoring Wells and Piezometers

**Recommended Motion**

Award a contract for the installation of dedicated monitoring wells and piezometers to BC2 Environmental.

**Discussion**

The Cuyama Basin Groundwater Sustainability Agency (CBGSA) applied for and was successfully awarded a \$7.6 million grant from the California Department of Water Resources SGM Round 1 grant program.

One of the grant-funded items is the installation of dedicated monitoring wells and piezometers. Staff solicited three firms for proposals and a summary of the bids are provided as Attachment 1. The related proposal documents are provided as Attachment 2.

Staff recommends selecting BC2 Environmental as the low, responsive bidder.

Cuyama Basin Groundwater Sustainability Agency

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# 12. Award a Contract for the Installation of Dedicated Monitoring Wells and Piezometers

Van Lienden

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May 3, 2023



# Award a Contract for the Installation of Dedicated Monitoring Wells and Piezometers <sup>121</sup>

- Bid documents issued to and bids received from three pre-qualified drilling companies
- Analysis of drilling of quotes:
  - Costs evaluated separately for:
    - An example shallow well (i.e. piezometer) – assumed 60 feet deep
    - An example nested multi-completion well – assumed to be 320, 550 and 700 feet deep
    - Actual costs will depend on final depth of each well

Driller	Shallow Well	Nested Wells	Total (one of each)
BC2	\$23,968	\$334,966	\$358,934
Cascade	\$16,792	\$376,301	\$393,093
Gregg	\$28,428	\$501,321	\$529,749

- Staff recommends selection of BC2 for lowest cost and strong experience and recommendations

## BID SCHEDULE

### Cuyama Basin Groundwater Sustainability Agency

#### Drill, Construct, and Develop Single Completion and Nested Monitoring Wells

Item	Description of Services	Unit Cost	Units	Qty.	Total
1	Mark-out Final Well Locations	\$250	Hours	16	
2	Mobilization/Demobilization – Shallow Wells	\$8,500.00	Each	1	
3	Daily Travel/Per Diem – Shallow Wells	\$975.00	Day	1	
4	Drill Borehole to Total Depth	\$57.00	Feet	1	
5	2.5-inch Sch 40 PVC Casing, Threaded Flush-Joint	\$28.00	Feet	1	
6	2.5-inch Sch 40 PVC Screen 0.02-inch Slot, Threaded Flush-Joint	\$30.00	Feet	1	
7	Sand Filter Pack (#2/16 Washed Silica Sand, or Equivalent)	\$20.00	Feet	1	
8	Bentonite Seal (Chips)	\$18.00	Feet	1	
9	Annular Seal (Neat Cement Grout)	\$12.00	Feet	1	
10	Locking Steel Monument, Concrete Pad, Bollards	\$1,800.00	Each	1	
11	Prevailing Wage – Shallow Wells	\$2,100.00	Each	1	
12	Support Truck – Shallow Wells	\$225.00	Day	1	
13	Forklift Drop-Off and Pick-Up	\$385.00	Each	1	
14	Forklift Rental	\$350.00	Day	1	
15	Fuel Surcharge - Shallow Wells	\$285.00	Day	1	
16	COVID-19 Surcharge	\$0.00	Day	1	
17	Estimated Sales Tax – Shallow Wells	\$0.00			
18	Overtime – Shallow Wells	\$525.00	Hour	1	
19	Standby Time – Shallow Wells	\$350.00	Hour	1	
20	Other				
21	Mobilization/Demobilization – Nested Wells	\$18,000.00	Each	1	
22	Daily Travel/Per Diem – Nested Wells	\$975.00	Day	1	
23	Conductor Casing	\$185.00	Feet	1	
24	Drill Exploratory Borehole to Total Depth	\$80.00	Feet	1	
25	E Log	\$8,525.00	Each	1	
26	3-inch Sch 80 PVC Casing, Threaded Flush-Joint	\$45.00	Feet	1	
27	3-inch Sch 80 PVC Screen 0.02-inch Slot, Threaded Flush-Joint	\$42.00	Feet	1	
28	Sand Filter Pack (#2/16 Washed Silica Sand, or Equivalent)	\$43.00	Feet	1	
29	Bentonite Seal (Chips)	\$50.00	Feet	1	
30	Annular Seal (Neat Cement Grout)	\$38.00	Feet	1	
31	Locking Steel Monument, Concrete Pad, Bollards	\$2,250.00	Each	1	
32	Prevailing Wage – Nested Wells	\$2,450.00	Each	1	
33	Support Truck/Compressor – Nested Wells	\$575.00	Day	1	
34	Fuel Surcharge - Nested Wells	\$4,875.00	Each	1	
35	Estimated Sales Tax – Nested Wells	\$0.00			

Item	Description of Services	Unit Cost	Units	Qty.	Total
36	Overtime – Nested Wells	\$675.00	Hour	1	
37	Standby Time – Nested Wells	\$600.00	Hour	1	
38	Other				
39	Mobilization/Demobilization - Well Development	\$6,000.00	Each	1	
40	Daily Travel/Per Diem – Well Development	\$350.00	Day	1	
41	Prevailing Wage – Well Development	\$320.00	Each	1	
42	Overtime – Well Development	\$375.00	Hour	1	
43	Standby Time – Well Development	\$195.00	Hour	1	
44	Other				
	<b>Total Project Costs</b>				

Line items 5,6 assume one single 2.5-inch sch80 PVC casing, for single wells

Line items 11,32 assumes prevailing wage per day rate, based on 8hr-10hr work days plus travel

Line items 26, 27 assumed per casing string and would apply unit cost x 3 for triple nested wells

Line items 28 - 30 assume annular material for triple nested well installations

Line item 34 assumed fuel surcharge per well, for the duration of one triple nested well

Line item 41 assumed one-man well developer with development rig at an hourly rate

Line item 42 assumes one-man well developer with development rig over 8hrs on site

All work hours assumed between 7:00am to 5:00pm Monday to Friday

BC2 Proposal # 23-309

Project Manager: Diego Torices

BC2 Environmental, LLC  
1150 W. Trenton Avenue  
Orange, CA 92867



BC2 Environmental Subcontract Service Agreement Terms and Conditions with \_\_\_\_\_

This Agreement for Service is made effective as of \_\_\_\_\_ by and between BC2 Environmental and \_\_\_\_\_

Definitions – BC2 Environmental is hereinafter referred to as “SUBCONTRACTOR”; Conservation Consulting International is hereinafter referred to as “CLIENT”; the services to be performed by BC2 Environmental for the above referenced proposal is hereinafter referred to as “SERVICES” and is subject to the terms and conditions hereinafter specified.

Payment Terms – CLIENT shall pay SUBCONTRACTOR, as compensation for the SERVICES, the full amount of SUBCONTRACTOR’s invoice within 45 days of SUBCONTRACTOR’s invoice date. CLIENT is responsible for reimbursing SUBCONTRACTOR for consumables and tool breakage in the field due to site conditions. A late charge of 1.5% shall be added each month or portion thereof for any payment that is overdue.

Assent – Commencement of any portion of the above proposed scope of work constitutes assent, by the CLIENT, to the terms and conditions contained here within this agreement.

Authorized Company Officer – CLIENT contacts with the SUBCONTRACTOR regarding the terms of this Agreement shall be made only with the SUBCONTRACTOR’s Authorized Company Officer. An amendment to this Agreement by the CLIENT will be considered binding only upon approval of the SUBCONTRACTOR’s Authorized Company Officer. SUBCONTRACTOR’s Authorized Company Officer’s signature next to the CLIENT’s signature for each amendment shall signify approval of said amendment.

For the purpose of this Agreement, the following person has been designated as the SUBCONTRACTOR’s Authorized Company Officer: Diego Torices, Project Manager, dtorices@bc2env.com BC2 Environmental, 1150 W. Trenton Avenue, Orange, CA 92867, 714-744-2990 (Phone), 714-744-2991 (Fax),

Independent Contractor – In performing the SERVICES under this agreement, SUBCONTRACTOR shall be deemed to be acting as an independent contractor, and not as an agent, employee, or representative of the CLIENT. Nothing in this agreement is intended to create any other relationship between the parties. SUBCONTRACTOR’s Project Manager shall be in full charge of the work and all instructors or notices given to him/her shall be binding as if given to SUBCONTRACTOR’s Authorized Company Officer.

Indemnity – CLIENT shall indemnify, hold harmless and defend SUBCONTRACTOR and its affiliates, directors, officers, employees, and agents from and against any and all liabilities, losses, damages, costs and expenses (including, but not limited to, fees and charges of attorneys and court and arbitration costs) in connection with any claim, action, or right of action because of any injury, death or damage to person or damage to property arising directly or indirectly from the acts, errors, or negligent omission of the CLIENT or its affiliates, directors, officers, employees, or agents in the performance of the SERVICES.

SUBCONTRACTOR Responsibilities – SUBCONTRACTOR shall supply all tools, consumable items and decontamination gear necessary for the SERVICES, and perform the SERVICES as specified in this proposal.

CLIENT Responsibilities – CLIENT will mark each boring location and shall ensure that such boring locations are free and clear of subsurface utilities and/or structures. SUBCONTRACTOR will not be liable for damages to subsurface utilities and/or structures at marked locations. SUBCONTRACTOR is not a hazardous materials or waste handler. The CLIENT is responsible for the handling and disposal of any hazardous materials or waste generated by SUBCONTRACTOR on site. The following information must be provided to SUBCONTRACTOR prior to performance of work: Health and Safety Plan, available utility clearance documentation, list of hazardous substances known to be present on the site and results of air sampling performed at the site. Any updates made to this information, prior to or during the performance of the SERVICES, must be provided to SUBCONTRACTOR. Client is responsible for contacting Dig Alert and naming BC2 Environmental as the excavating contractor.

Decontamination – The nature of the SERVICES being performed requires that equipment be decontaminated prior to departure from the site. The time involved for performing this process is included in the working time of the SUBCONTRACTOR’s operator(s). Operators will work with the CLIENT to maximize the performance of the SERVICES; number of samples collected each day, but must leave sufficient time before departure for decontamination.

Force Majeure – Neither SUBCONTRACTOR or CLIENT shall be liable to the other delays or failure to perform caused by circumstances beyond the control of either party, including but not limited to, acts of God, fire, flood, inclement weather, riots and war. Each party shall report to the other, the circumstances of the delay within a reasonable amount of time upon discovery. SUBCONTRACTOR will be entitled to standby/overtime fees if CLIENT causes such delay.

Dispute Resolution – This Agreement shall be governed by and construed in accordance with the laws of the State of California.

Breach of Contract – If a party to this Agreement breaches any of its terms or conditions, then that breaching party shall pay to the non-breaching party all of the non-breaching party’s costs and expenses incurred in enforcing or obtaining favorable interpretation of the Agreement, including but not limited to, reasonable attorney’s fees and costs.

Cancellation Fee – SUBCONTRACTOR requires written notification of any job cancellation no later than 24 hours prior to the scheduled commencement of work. SUBCONTRACTOR reserves the right to charge fifteen percent (15%) of the gross proposal amount for projects canceled with less than 24 hours prior notice.

Davis Bacon / Prevailing Wage – CLIENT is solely responsible for informing SUBCONTRACTOR, in writing, of applicable Davis Bacon / Prevailing Wage requirements upon CLIENT’s request for a proposal. CLIENT indemnifies and will reimburse SUBCONTRACTOR for damages and all applicable wages, including but not limited to subsequent back wages, resulting from CLIENT’s failure to inform SUBCONTRACTOR in writing that such wages apply.

Entire Agreement This agreement constitutes the entire agreement between SUBCONTRACTOR and CLIENT and shall supersede all prior negotiations, representations or agreements related to this contract, either written or oral. If any provisions contained here within, are found to be non-enforceable, the remaining provisions shall still be valid. The headings appearing in this Agreement are inserted as a matter of convenience only, and in no way shall be used to define, limit, construe or describe the meaning, scope or intent of any provision in this Agreement.

Proposal #: \_\_\_\_\_

Dig Alert Ticket #: \_\_\_\_\_

BC2 Environmental

Client Name: \_\_\_\_\_

Address: 1150 W. Trenton Ave. Orange CA 92867

Address: \_\_\_\_\_

\_\_\_\_\_  
Date: \_\_\_\_\_

\_\_\_\_\_  
Date: \_\_\_\_\_

Diego Torices / BC2 Environmental

\_\_\_\_\_  
Name

Project Manager

\_\_\_\_\_  
Title

## FIRM'S EXPERIENCE

Furnish the following information:

Number of years as a Contractor in construction work of this type: 29

The following should contain information relative to the Work as described for this contract:

1. Work Performed for: Water Replenishment District of Southern CA  
 (Name of Company/Agency)  
 Address: 4040 Paramount Blvd, Lakewood, CA 90712  
 Telephone No.: 562-275-4249 Contact: Brian Partington  
 Type of Project: Los Angeles Forebay Perchlorate & Volatile Organic Compound Cleanup  
2.5-inch sch80 PVC triple nested nested well installations  
 Date Work Performed: Jan. - July, 2020 Contract Amount: \$1.5MM
  
2. Work Performed for: EA Engineering, Science & Technology & EPA  
 (Name of Company/Agency)  
 Address: 54 North Last Chance Gulch, Suite 14 Helena, Montana 59601  
 Telephone No.: 406-219-1652 Contact: Catherine LeCours  
 Type of Project: Fullerton & Anaheim North Basin Remediation Project  
4-inch sch80 single well installations  
 Date Work Performed: June 2021 - May 2022 Contract Amount: \$2MM
  
3. Work Performed for: Best Drilling and Pump, Inc  
 (Name of Company/Agency)  
 Address: 1640 West Pellisier Road, Colton, CA 92324  
 Telephone No.: 951-684-1952 Contact: Mark Best  
 Type of Project: LADWP Eastern Sierra Well Project  
3-inch sch80 PVC triple nested nested well installations  
 Date Work Performed: 2023 - Ongoing Contract Amount: \$1.7MM



## BID SCHEDULE

### Cuyama Basin Groundwater Sustainability Agency

#### Drill, Construct, and Develop Single Completion and Nested Monitoring Wells

Item	Description of Services	Unit Cost	Units	Qty.	Total
1	Mark-out Final Well Locations	375.00	Hours	16	6,000.00
2	Mobilization/Demobilization – Shallow Wells	2,750.00	Each	1	2,750.00
3	Daily Travel/Per Diem – Shallow Wells	825.00	Day	1	825.00
4	Drill Borehole to Total Depth	59.00	Feet	1	59.00
5	2.5-inch Sch 40 PVC Casing, Threaded Flush-Joint	16.00	Feet	1	16.00
6	2.5-inch Sch 40 PVC Screen 0.02-inch Slot, Threaded Flush-Joint	18.00	Feet	1	18.00
7	Sand Filter Pack (#2/16 Washed Silica Sand, or Equivalent)	14.00	Feet	1	14.00
8	Bentonite Seal (Chips)	14.00	Feet	1	14.00
9	Annular Seal (Neat Cement Grout)	14.00	Feet	1	14.00
10	Locking Steel Monument, Concrete Pad, Bollards-8"	925.00	Each	1	925.00
11	Prevailing Wage – Shallow Wells	1,700.00	Day	1	1,700.00
12	Support Truck – Shallow Wells	250.00	Day	1	250.00
13	Forklift Drop-Off and Pick-Up	1,250.00	Each	1	1,250.00
14	Forklift Rental	425.00	Day	1	425.00
15	Fuel Surcharge - Shallow Wells	180.00	Day	1	180.00
16	COVID-19 Surcharge (no charge)	0.00	Day	1	0.00
17	Estimated Sales Tax – Shallow Wells - (no charge)	0.00	Each	1	0.00
18	Overtime – Shallow Wells	825.00	Hour	1	825.00
19	Standby Time – Shallow Wells	650.00	Hour	1	650.00
20	Other - (site security)	65.00	Hour	1	65.00
20*	Other - (portable restroom)	850.00	Site	1	850.00
21	Mobilization/Demobilization – Nested Wells	5,000.00	Each	1	5,000.00
22	Daily Travel/Per Diem – Nested Wells	825.00	Day	1	825.00
23	Conductor Casing- Temporary 16" ARCH casing 20'	198.00	Feet	1	198.00
24	Drill Exploratory Borehole to Total Depth-Pilot Boring	112.00	Feet	1	112.00
25	E Log	6,500.00	Each	1	6,500.00
26	3-inch Sch 80 PVC Casing, Threaded Flush-Joint	25.00	Feet	1	25.00
27	3-inch Sch 80 PVC Screen 0.02-inch Slot, Threaded Flush-Joint	27.00	Feet	1	27.00
28	Sand Filter Pack (#2/16 Washed Silica Sand, or Equivalent)	29.00	Feet	1	29.00
29	Bentonite Seal (Chips)	29.00	Feet	1	29.00
30	Annular Seal (Neat Cement Grout)	29.00	Feet	1	29.00
31	Locking Steel Monument, Concrete Pad, Bollards-16"	1,900.00	Each	1	1,900.00
32	Prevailing Wage – Nested Wells	1,700.00	Day	1	1,700.00
33	Support Truck/Compressor – Nested Wells	350.00	Day	1	350.00
34	Fuel Surcharge - Nested Wells	270.00	Day	1	270.00
35	Estimated Sales Tax – Nested Wells - (no charge)	0.00	Each	1	0.00

<b>Item</b>	<b>Description of Services</b>	<b>Unit Cost</b>	<b>Units</b>	<b>Qty.</b>	<b>Total</b>
36	Overtime – Nested Wells	1,250.00	Hour	1	1,250.00
37	Standby Time – Nested Wells	985.00	Hour	1	985.00
38	Other -Bottom Borehole Backfill Seal	54.00	Feet	1	54.00
38*	Other - Ream Borehole (for well Construction)	79.00	Feet	1	79.00
39	Mobilization/Demobilization - Well Development	1,200.00	Each	1	1,200.00
40	Daily Travel/Per Diem – Well Development	275.00	Day	1	275.00
41	Prevailing Wage – Well Development	2,800.00	Day	1	2,800.00
42	Overtime – Well Development	475.00	Hour	1	475.00
43	Standby Time – Well Development	425.00	Hour	1	425.00
44	Other - (Drums)	105.00	Each	1	105.00
	<b>Total Project Costs</b>				



Client: California Department of Water Resources  
 Project: Perris ERF Wells, Perris, CA  
 Value: \$28,000  
 Performance Period: 2020  
 Contact: Alberto Garrido  
 Phone: (916) 376-1777  
 Drilling Method: Hollow Stem Auger  
 Project Description: **2" Monitoring Well Installations**

Client: Haley & Aldrich  
 Project: Rohr, Inc., Aerospace Facility, Riverside, CA  
 Value: \$255,203  
 Performance Period: 2015 -2021  
 Contact: Tom Burton  
 Phone: 619-285-7117  
 Drilling Method: H.S.A.  
 Project Description: **4" Monitoring Well Installations**

Client: Group Delta  
 Project: Monitoring Well Installations, Newport Beach, CA  
 Value: \$15,000  
 Performance Period: 2020  
 Contact: Roxanne Garcia  
 Phone: 562-217-2986  
 Drilling Method: Hollow Stem Auger  
 Project Description: **4" Groundwater Monitoring Wells**

Client: Tetra Tech  
 Project: Lockheed Martin, Burbank, CA  
 Value: \$150,000  
 Performance Period: 2014 -2021  
 Contact: Robert Sabater  
 Phone: 626-470-2457  
 Drilling Method: Hollow Stem Auger, Sonic, Development  
 Project Description: **4" Monitoring Well Installations**

Client: Wood  
 Project: GE Facility Site, Ontario, CA  
 Value: \$250,000  
 Performance Period: 2020  
 Contact: Brad Loewen  
 Phone: 559-892-2928  
 Drilling Method: Hollow Stem Auger, ARCH, Well Development  
 Project Description: **4" SVE & Monitoring Wells**

Project Reference s (Westbay Multiport Wells)

Client: Geo-Logic Associates

Address: 2777 East Guasti Road, Suite 1, Ontario, CA 91761

Contact: Jason Sapp, Tel: (909) 626-2282

Project Name: San Bernardino County

Location: Rialto, CA

Scope of Work : Installation of (3) 4" Diameter Sch. 80 PVC Multiport Westbay Wells to Approximately 500' to 700' – Mud Rotary Drilling & Development Services.

Approx imate Contracte d Amoun t: \$740,000.00

Client: Tetra Tech, Inc.

Address: 17885 Von Karman Avenue

Contact: Roy Marroquin, Tel: (949) 809-5000

Project Name: Colton Narrows

Location: San Bernardino, CA

Scope of Work : Installation of (3) 4" Diameter Sch. 80 PVC Multiport Westbay Wells to Approximately 1000' - Mud Rotary Drilling & Development Services.

Approx imate Contracte d Amoun t: \$750,000.00

Client: CH2M

Address: 6 Hutton Center Drive, Suite 700, Santa Ana, CA 92707

Contact: Benjamin Lechler, Tel: (714) 435-6283

Project Name: Superfund Site

Location: City of Alhambra, CA

Scope of Work : Installation of (7) 4" Diameter Sch. 80 PVC Multiport Westbay Wells to Approximately 500' – Mud Rotary Drilling & Development Services.

Approx imate Contracte d Amoun t: \$980,000.00

Client: Geosyntec Consultants

Address: 199 South Hudson Avenue, Suite 110, Pasadena, CA 91105

Contact: Mital Desai, Tel: (626) 449-0664

Project Name: BF Goodrich Site

Location: Rialto, CA

Scope of Work : Installation of (4) 4" Diameter Sch. 80 PVC Multiport Westbay Wells to Approximately 700' – Mud Rotary Drilling & Development Services.

Approx imate Contracte d Amoun t: \$850,000.00

### Cascade Drilling Project References

**Client:** Amec Foster Wheeler

**Address:** 1281 East Alluvial Avenue, Suite 101, Fresno, CA 93720

**Contact:** Alex Olsen, Tel: (559) 264-2535

**Project Name:** GE Facility

**Location:** Ontario, CA

**Scope of Work:** Installation of (3) 4" Diameter Sch. 80 PVC Dual Completion Monitoring Wells to 380' & 420' – ARCH & Mud Rotary drilling & Development services.

**Contracted Amount:** \$450,000.00+ Project Ongoing

**Client:** Golder Associates, Inc.

**Address:** 425 Lakeside Drive, Sunnyvale, CA 94085

**Contact:** Bill Fowler, Tel: (408) 220-9223

**Project Name:** Hewitt/Vulcan

**Location:** North Hollywood, CA

**Scope of Work:** Installation of (4) 4" Sch. 80 PVC Dual Completion Monitoring Wells to 315' & 375' – ARCH & Mud Rotary drilling & Development services.

**Contracted Amount:** \$700,000+ Project Ongoing

**Client:** AECOM

**Address:** 999 Town & County Road, 4<sup>th</sup> Floor

**Contact:** James Overly

**Project Name:** Air Force Bases IRP Sites, March Air Force Base– Multiple Projects

**Location:** Edwards, CA & Palmdale, CA

**Scope of Work:** Install 4", 5", 6" Sch. 80 PVC/Stainless Steel wells by air rotary casing hammer (ARCH), mud rotary, hollow stem auger and sonic drilling services. Wells ranging in depths of 40' to 700'. Development & packer testing wells.

**Contracted Amount:** \$25,000 - \$750,000

**Client:** Eastern Municipal Water District

**Address:** 2270 Trumble Rd, Perris, CA 92570

**Contact:** Laurie Dixit

**Project Name:** Hemet/San Jacinto IRRP Groundwater Monitoring Wells

**Location:** San Jacinto, CA

**Scope of Work:** Drill 6" pilot hole to 800' and ream to 12" by ARCH & Mud Rotary drilling. Install 3 x 2" PVC wells at 200', 500' and 800'. Develop wells

**Contracted Amount:** \$276,000

**Client:** Ensafe Inc.

**Address:** 220 Athens Way, Suite 410, Nashville, TN 37228

**Contact:** Shaun Winter

**Project Name:** Drilling/Well Installation for UTC

**Location:** Colton, CA

**Scope of Work:** Drill 10" pilot hole to 540' and ream to 14 3/4" by ARCH & Mud Rotary drilling. Furnish and install four 2" PVC wells at 305', 370', 430' and 530'. Development of the four wells

**Contracted Amount:** \$209,970

### Cascade Drilling Project References

**Client:** Las Vegas Sands Corporation

**Address:** 3355 Las Vegas Blvd., S, Las Vegas, Nevada 89109-8941

**Contact:** George Dragoo, Tel: (702) 414-1000 [george.dragoo@sands.com](mailto:george.dragoo@sands.com)

**Project Name:** Venetian Production Well

**Location:** Las Vegas, NV

**Scope of Work:** Installation of (1) 16" Diameter Stainless Steel Production Well to 800' Bgs. Mud Rotary Drilling & Development Services.

**Contracted Amount:** \$1,996,630.00

**Client:** Wynn Las Vegas, LLC

**Address:** 3131 Las Vegas Blvd S, Las Vegas, Nevada 89109

**Contact:** Sam Rodina, Tel: (702) 770-2883 [srodina@wynndevelopment.com](mailto:srodina@wynndevelopment.com)

**Project Name:** Wynn Water Park Supply Well

**Location:** Las Vegas, NV

**Scope of Work:** Installation of (1) 16" Diameter Stainless Supply Well to 500' Bgs. Mud Rotary Drilling & Development Services.

**Contracted Amount:** \$932,943.00

**Client:** Castle Mountain Venture

**Address:** 911 Amer Pacific Drive # 190, Henderson, Nevada 89014-7911

**Contact:** Aren Hall, Tel: (702) 232-4292 [ahall@newcastlegold.ca](mailto:ahall@newcastlegold.ca)

**Project Name:** New Castle Gold Mine Supply Well

**Location:** Searchlight, NV

**Scope of Work:** Installation of (1) 6" Diameter Mild Steel Well to 1,500' Bgs. RC/Mud Rotary Drilling & Development Services

**Contracted Amount:** \$600,283.00

**Client:** CJW Construction, Inc.

**Address:** 841 East Washington Avenue, Suite B, Santa Ana, CA 92701

**Contact:** Joe Mathewson, Tel: (714) 835-6820 [jmathewson@cjwconstruction.com](mailto:jmathewson@cjwconstruction.com)

**Project Name:** Camp Pendleton Supply Well

**Location:** Oceanside, CA

**Scope of Work:** Installation of (1) 16" Diameter Stainless Steel Well to 315' Bgs. Mud Rotary Drilling & Development Services

**Contracted Amount:** \$749,065.00

**Client:** Trihydro Corporation

**Address:** 2501 Cherry Avenue, Suite 200, Signal Hill, CA 90755-2070

**Contact:** Sara Alipanah, Rel: (562) 453-3536 [salipanah@trihydro.com](mailto:salipanah@trihydro.com)

**Project Name:** Phillips 66 Los Angeles Refinery Recovery Well

**Location:** Wilmington, CA

**Scope of Work:** Installation of (2) 10" Diameter Copper Bearing Wells to 305'-385' Bgs. Mud Rotary Drilling & Development Services

**Contracted Amount:** \$536,474

## TERMS AND CONDITIONS

**ACCEPTANCE & CONSIDERATION & TERM:** By authorizing Cascade Drilling, LP and its affiliated companies (Cascade) to commence work, Client agrees to these terms and conditions and Cascade agrees to perform work and/or extend credit in exchange.

**PAYMENT & INTEREST:** Invoices will be submitted by Cascade once a month with payment due from Client within 30 days of the invoice date. Interest at the rate of 1½% per month (18% per annum) will be charged on the principal amount owing after the due date.

**ATTORNEYS' FEES & COSTS:** The prevailing party shall be entitled to recover all of its costs, fees and expenses incurred in any dispute regarding collecting the balance due, enforcing the terms and conditions, or pertaining to Cascade's work. Such fees and expenses shall include attorneys' fees, recording fees, and title report fees whether or not legal proceedings are instituted, and if instituted, shall include all other costs, fees expenses and, including without limitation, court costs and expert witness fees incurred in the trial/arbitration, appellate proceedings, and post-judgment.

**DISCLAIMER OF WARRANTY:** Cascade will exercise reasonable skill and judgment in performing its work. All express or implied guarantees, representations and warranties, including, without limitation, any implied warranty of merchantability, fitness for a particular purpose, whether written or oral, are hereby excluded and are expressly disclaimed by Cascade. Cascade does not warrant any specific results of any kind. To the extent an implied guarantee, representation, or warranty, cannot be excluded, CASCADE'S LIABILITY, IF ANY, IS LIMITED TO THE AMOUNT PAID BY CLIENT TO CASCADE, AND SHALL IN NO EVENT EXCEED THAT AMOUNT.

**LIMITATION OF LIABILITY:** Cascade shall not be liable to Client or any other party for damages of any type, including, but not limited to, indirect, consequential, incidental, special, or punitive damages, whether arising out of contract, negligence, tort, warranty, strict liability or any other legal theory. CASCADE'S LIABILITY, IF ANY, IS LIMITED TO THE AMOUNT PAID BY CLIENT TO CASCADE, AND SHALL IN NO EVENT EXCEED THAT AMOUNT.

**NOTICE OF CLAIM:** Any and all claims related to or arising from Cascade's work shall be made in writing to Cascade within one (1) year after Cascade's completion of its work. Any subsequent claims are waived.

**DELAYS/CONDITIONS BEYOND CASCADE'S CONTROL:** Cascade shall not be liable for delays in performance beyond Cascade's control, including, but not limited to, acts of third parties, inability to obtain permits, fire, earthquake, flood, windstorm or other natural disasters, labor stoppages, lockouts, strikes or other differences with employees, war, riot, embargoes, or stoppages created by any government agency or authority. Cascade's liability, if any, is limited as provided in the limitation of liability provision.

**JOB SITE SAFETY:** Cascade is not responsible for providing safety monitoring for the site on behalf of Client or any other trade on site. If Cascade observes that safety monitoring is not being performed in strict compliance with the site-specific health and safety plan, applicable federal, state or local laws, and/or as contractually required, Cascade may cease operations and go on standby until safety monitoring is resumed. Cascade shall be entitled to an equitable adjustment in its contract price, including standby time, and for time to perform its work.

**INFORMATION:** Client has superior knowledge of the job site, site history, access routes to the job site, known or suspected contaminants, surface and subsurface conditions, etc. The Client is obligated to advise Cascade of all or any conditions that may affect Cascade's work. Client agrees to provide Cascade with such specifications, plans, site history information, reports, studies or other information on surface and subsurface conditions as will be reasonably required by Cascade for safe, proper and timely performance of its work. Client shall locate all underground utilities and structures. Client shall obtain all necessary permits and rights-of-way and indemnify, defend, and hold Cascade harmless for its failure to do so and for claims of trespass or damage to property, including underground utilities or structures, which arise out of the performance of Cascade's work.

**DISPOSAL:** Cascade is not, and has no authority to act as, a handler, generator, operator, treater, storer, transporter or disposer of hazardous waste, substances, pollutants or contaminants found or identified at the site. Cascade shall have no responsibility for the transportation, storage, treatment or disposition of contaminated or potentially contaminated waste materials of any kind which are directly or indirectly generated from Cascade's performance of work. Client or its agents shall be responsible for the disposal of any such waste materials.

**CHANGED CONDITIONS:** The discovery of any hazardous waste, substance, pollutant, contaminant, underground obstruction, condition or utilities on or under the job site which were not brought to the attention of Cascade prior to Cascade commencing work, and which create health and safety risks, or requires Cascade to perform work outside the original scope or beyond its capabilities, will constitute a materially different site condition entitling Cascade to immediately terminate its work (and to receive payment for all work performed up to and including the date of termination). If Cascade elects to continue its work, it is entitled to receive an equitable adjustment in its contract price, including standby time, and for time to perform its work.

**INDEMNIFICATION:** Client agrees to indemnify, defend, and hold Cascade and its agents harmless from and against any and all claims, demands, causes of action (including third party claims for contribution or indemnification), liability and costs (including attorneys' fees and other costs of defense) which result from (i) any release or threatened release of any substance (whether hazard or not); (ii) any claim that Cascade, or any of its subcontractors was a "generator" or "transporter" of hazardous waste or an "operator" of the job site (as such terms are used or defined under local, state or federal laws or regulations); or (iii) any negligent or wrongful act or omission of Client or others under Client's control, except the duty to indemnify, defend, and hold harmless shall not apply to the extent any demand or cause of action results solely from Cascade's negligence or willful misconduct.

**INCORPORATION CLAUSE:** All work performed by Cascade is subject to these terms and conditions. All terms and conditions contained in Cascade's bids, proposals, and invoices, as now exist and as may be modified, are expressly incorporated herein by this reference and made a part of the terms and conditions.

**INTEGRATION:** The terms and conditions stated herein constitute the entire understanding of the parties relating to Cascade's work. All previous proposals, offers, and other communications relative to the work, oral or written, are hereby superseded. Any additional or conflicting provision(s) contained in any purchase order, acknowledgment, contract, or other form of the Client is hereby expressly objected to by Cascade and shall not modify these terms and conditions.

**APPLICABLE LAW/JURISDICTION & VENUE:** Any lawsuit to collect the balance due, enforce the terms and conditions, or that pertains to Cascade's work shall be governed by the laws of the State of Washington, USA. Client agrees that if a lawsuit or action is necessary that it shall be brought in Superior Court for King County, Washington. In the event that such lawsuit or action includes enforcement of a real property lien, such action shall be brought in the county and state in which the real property is located.

**SEVERABILITY:** If any of these terms and conditions are determined to be invalid or unenforceable, such determination shall not affect the validity and enforceability of the remaining terms and conditions.



**BID SCHEDULE**

**Cuyama Basin Groundwater Sustainability Agency**

**Drill, Construct, and Develop Single Completion and Nested Monitoring Wells**

Item	Description of Services	Unit Cost	Units	Qty.	Total
1	Mark-out Final Well Locations	\$165	Hours	16	\$2,640
2	Mobilization/Demobilization – Shallow Wells	\$6,800	Each	1	\$6,800
3	Daily Travel/Per Diem – Shallow Wells	\$1,050	Day	1	\$1,050
4	Drill Borehole to Total Depth	\$165	Feet	1	\$165
5	2.5-inch Sch 40 PVC Casing, Threaded Flush-Joint	\$20	Feet	1	\$20
6	2.5-inch Sch 40 PVC Screen 0.02-inch Slot, Threaded Flush-Joint	\$24	Feet	1	\$24
7	Sand Filter Pack (#2/16 Washed Silica Sand, or Equivalent)	\$12	Feet	1	\$12
8	Bentonite Seal (Chips)	\$12	Feet	1	\$12
9	Annular Seal (Neat Cement Grout)	\$12	Feet	1	\$12
10	Locking Steel Monument, Concrete Pad, Bollards	\$1250	Each	1	\$1250
11	Prevailing Wage – Shallow Wells	\$225	Each	1	\$225
12	Support Truck – Shallow Wells	\$600	Day	1	\$600
13	Forklift Drop-Off and Pick-Up	N/A	Each	1	N/A
14	Forklift Rental	N/A	Day	1	N/A
15	Fuel Surcharge - Shallow Wells	\$210	Day	1	\$210
16	COVID-19 Surcharge	N/A	Day	1	N/A
17	Estimated Sales Tax – Shallow Wells	\$1,188			\$1,188
18	Overtime – Shallow Wells	\$977	Hour	1	\$977
19	Standby Time – Shallow Wells	\$885	Hour	1	\$885
20	Other				
21	Mobilization/Demobilization – Nested Wells	\$18,000	Each	1	\$18,000
22	Daily Travel/Per Diem – Nested Wells	\$1,050	Day	1	\$1,050
23	Conductor Casing	\$262	Feet	1	\$262
24	Drill Exploratory Borehole to Total Depth	\$272	Feet	1	\$272
25	E Log	\$6,500	Each	1	\$6,500
26	3-inch Sch 80 PVC Casing, Threaded Flush-Joint	\$22	Feet	1	\$22
27	3-inch Sch 80 PVC Screen 0.02-inch Slot, Threaded Flush-Joint	\$28	Feet	1	\$28
28	Sand Filter Pack (#2/16 Washed Silica Sand, or Equivalent)	\$24	Feet	1	\$24
29	Bentonite Seal (Chips)	\$24	Feet	1	\$24
30	Annular Seal (Neat Cement Grout)	\$24	Feet	1	\$24
31	Locking Steel Monument, Concrete Pad, Bollards	\$3,000	Each	1	\$3,000
32	Prevailing Wage – Nested Wells	\$225	Each	1	\$225
33	Support Truck/Compressor – Nested Wells	\$1,620	Day	1	\$1,620
34	Fuel Surcharge - Nested Wells	\$300	Each	1	\$300
35	Estimated Sales Tax – Nested Wells	\$4,140			\$4,140

Day

Item	Description of Services	Unit Cost	Units	Qty.	Total
36	Overtime – Nested Wells	\$1,445	Hour	1	\$1,445
37	Standby Time – Nested Wells	\$1,245	Hour	1	\$1,245
38	Other				
39	Mobilization/Demobilization - Well Development	\$3,000	Each	1	\$3,000
40	Daily Travel/Per Diem – Well Development	\$350	Day	1	\$350
41	Prevailing Wage – Well Development	\$75	Each	1	\$75
42	Overtime – Well Development	\$295	Hour	1	\$295
43	Standby Time – Well Development	\$260	Hour	1	\$260
44	Other				
	<b>Total Project Costs</b>				

### ASSUMPTIONS/EXCLUSIONS:

Gregg's bid does not include performance and payment bonds. If performance and payment bonds are required a 2.5 % surcharge is applied to all Gregg costs

Shallow wells are assumed to be done with hollowstem auger rig

Deeper nested wells are assumed to be done with a rotary rig (direct rotary)

All soil cuttings and drill mud are assumed to be spread on site

All well development purge water is assumed to be discharged on site

For mark-out of final well locations Gregg will bill labor hours measured from Gregg shop to Gregg shop

Gregg's cost is based on shallow wells being done in 1 mob/demob event and deeper nested wells being done in 1 mob/demob event

For well development Gregg has assumed 1 technician and pumping, surging and bailing (no air lifting is included)



# **GREGG DRILLING, LLC**

**EXPERIENCE WITHIN THE PAST 3 YEARS  
INCLUDING EXPERIENCE IN CUYAMA REGION**

**DRILL RIG AND PERSONNEL EXPERIENCE – CALIFORNIA DEPARTMENT OF WATER RESOURCES**

**Project:** Camarillo

**DWR Contact:** Jack Tung (email: [jack.tung@water.ca](mailto:jack.tung@water.ca))

**Project Date:** September 2019

**Scope Description:** Mud rotary drilling borehole to 850' depth and triple nested 2.5" Sch 80 PVC wells. Well development was done by surging and bailing.

**Driller(s):** Dino Selders and Daniel McMackin

**Drill Rig:** Fraste FS400

**Project:** Mendota

**DWR Contact:** Matthew Owen (email: [matthew.owen@water.ca](mailto:matthew.owen@water.ca))

**Project Date:** July 2020

**Scope Description:** Mud rotary drilling borehole to 600' depth and triple nested 2.5" Sch 80 PVC wells. Well development was done by surging and bailing.

**Driller(s):** Dino Selders and Daniel McMackin

**Drill Rig:** Fraste FS400

**Project:** Tulare

**DWR Contact:** Tom Berg (email: [thomas.berg@water.ca.gov](mailto:thomas.berg@water.ca.gov) )

**Project Date:** July 2020

**Scope Description:** Mud rotary drilling borehole to 1200' depth and dual-completion 4" Sch 80 PVC wells. Well development was done by surging and bailing.

**Drill Rig:** Fraste FS400

**Driller(s):** Dino Selders and Daniel McMackin

**Project:** Ridgecrest

**DWR Contact:** Jack Tung (email: [jack.tung@water.ca](mailto:jack.tung@water.ca) )

**Project Date:** February 2021

**Scope Description:** Mud rotary drilling borehole to 1511' depth and triple completion mild steel and 3" Sch 80 PVC wells. Well development was done by surging and bailing.

**Driller(s):** Dino Selders and Daniel McMackin

**Drill Rig:** Fraste FS400

**Project:** Wyandotte

**DWR Contact:** Jason Preece (email: [jason.preece@water.ca.gov](mailto:jason.preece@water.ca.gov) )

**Project Date:** February 2021

**Scope Description:** Mud rotary drilling borehole to 1000' depth and quad completion 2.5" Sch 80 PVC wells. Well development was done by air lifting.

**Driller(s):** Francisco Escobedo

**Drill Rig:** GEFCO 40K

**Project:** Cuyama

**DWR Contact:** Chris Baker (email: [christopher.baker@water.ca.gov](mailto:christopher.baker@water.ca.gov) )

**Project Date:** May/June 2021

**Scope Description:** Mud rotary drilling borehole to 800' depth and triple completion 2.5" Sch 80 PVC wells. Well development was done by surging and bailing.

**Driller(s):** Dino Selders and Daniel McMackin

**Drill Rig:** Fraste FS400

**Project:** Lemoore

**DWR Contact:** Tom Berg (email: [thomas.berg@water.ca.gov](mailto:thomas.berg@water.ca.gov) )

**Project Date:** July 2021

**Scope Description:** Mud rotary drilling borehole to 800' depth and triple completion 2.5" Sch 80 PVC wells. Well development was done by surging and bailing.

**Driller(s):** Dino Selders and Daniel McMackin

**Project:** Corning

**DWR Contact:** Debbie Spangler (email: [debbie.spangler@water.ca.gov](mailto:debbie.spangler@water.ca.gov) )

**Project Date:** August-October 2021

**Scope Description:** Mud rotary drilling borehole to 1000' depth and quad completion 2.5" Sch 80 PVC wells. Well development was done by air lifting.

**Driller(s):** Francisco Escobedo

**Drill Rig:** GEFCO 40K

**Project:** Redding

**DWR Contact:** Debbie Spangler (email: [debbie.spangler@water.ca.gov](mailto:debbie.spangler@water.ca.gov) )

**Project Date:** February 2022

**Scope Description:** Mud rotary drilling borehole to 1000' depth and quad completion 2.5" Sch 80 PVC wells. Well development was done by air lifting.

**Driller(s):** Francisco Escobedo

**Drill Rig:** GEFCO 40K

**Project:** Ventura (Mound Site)

**DWR Contact:** Jack Tung (email: [jack.tung@water.ca](mailto:jack.tung@water.ca))

**Project Date:** May/June 2022

**Scope Description:** Project was located in Ventura, CA (Mound Site). Work consisted of direct mud rotary drilling of borings to depths of 1300 feet and approx. 500 feet and single completion 4" Sch80 PVC wells were installed in the 2 mud rotary borings (deepest well was approx. 950 feet, 4" Sch80 PVC wells). A bucket auger rig was used to install approx. 16" conductor to depths of 40-80 feet for the 2 deeper borings. Drilling work was done a 24 hour basis. Also, hollowstem auger drilling was done for drill and install of one (1) monitoring well to a depth of 150 feet. Well development was done by surging and bailing.

**Driller(s):** Francisco Escobedo and Daniel McMackin

**Drill Rig:** GEFCO 40K

**Project:** Lost Hills

**DWR Contact:** Chris Baker (email: [Christopher.baker@water.ca.gov](mailto:Christopher.baker@water.ca.gov) )

**Project Date:** October 2022

**Scope Description:** Mud rotary drilling borehole to 850' depth and triple-completion 3" Sch 80 PVC wells. Well development was done by surging and bailing. Also, hollowstem auger for drill and install of a single monitoring well to a depth of 150 feet.

**Driller(s):** Daniel McMackin

**Drill Rig:** Fraste FS 400

**Project:** Tulare

**DWR Contact:** Tom Berg (email: [thomas.berg@water.ca.gov](mailto:thomas.berg@water.ca.gov) )

**Project Date:** October/November 2022

**Scope Description: 2 Locations** - At each location mud rotary drilling borehole to 850' depth and triple-completion 3" Sch 80 PVC wells. Well development was done by air lifting.

**Driller(s):** Francisco Escobedo

**Drill Rig:** GEFCO 40K

**Project:** Hanford

**DWR Contact:** Tom Berg (email: [thomas.berg@water.ca.gov](mailto:thomas.berg@water.ca.gov) )

**Project Date:** December 2022 and January/February 2023

**Scope Description: 2 Locations** - At each location mud rotary drilling borehole to 850' depth and triple-completion 3" Sch 80 PVC wells. Well development was done by air lifting.

**Driller(s):** Francisco Escobedo

**Drill Rig:** GEFCO 40K

**Project:** Borrego Springs

**DWR Contact:** Chris Baker (email: [Christopher.baker@water.ca.gov](mailto:Christopher.baker@water.ca.gov) )

**Project Date:** March 2023

**Scope Description:** Mud rotary drilling boreholes to 950' depth and 600' and single completions (4" Sch80 PVC wells). Well development was done by surging and bailing.

**Driller(s):** Francisco Escobedo

**Drill Rig:** GEFCO 40K

## SERVICES AGREEMENT

This Services Agreement ("Agreement") is made and entered into by and between the following parties:

**Gregg Drilling, LLC**  
 ("GREGG")

**Client**

**1.0 Scope of Work.** Gregg Drilling, LLC (hereinafter referred to as "GREGG") agrees to perform, in compliance with the terms and conditions of this Agreement, the services, and only those services, as set forth in the attached (the "Services"). "

### **2.0 Performance of the Work**

**2.1 Standard of Care.** The Services shall be performed in a manner consistent with the standard of care, diligence and skill ordinarily exercised by other service providers under similar circumstances, practicing at the same time, in the same or similar location in accordance with generally accepted professional practices and procedures.

**2.2 Compliance with Law.** GREGG shall comply with all applicable federal, state and local laws, statutes, rules, regulations and orders, including, without limit, licensing and certification requirements, environmental laws, health and safety laws, worker health and safety laws and laws pertaining to labor wages, hours and other conditions of employment. Equal Employment Opportunity, Employment of Veterans and the Handicapped: During the performance of this AGREEMENT, unless exempt, GREGG agrees to abide by the provisions of 41 C.F.R. 60-1, 60-741, and 60-250 and these provisions are incorporated by reference herein.

**2.3 Personnel.** The Services shall be supplied by personnel who are competent in their respective trades or professions. All Personnel of and all personnel used by GREGG in the performance of the Services shall not be considered to be in any way the agents, representatives, employees or subcontractors of CLIENT.

**3.0 Fees.** GREGG shall not exceed any budgeted costs for the Services nor be entitled to any such exceedances or portion thereof, without CLIENT's prior written authorization. GREGG will provide invoices to CLIENT monthly for all sums payable and reimbursable to GREGG for Services performed since the previous invoice. The invoices shall include a detailed description of the Services performed, sufficient backup documentation and, if relevant, details of quantities. Payment terms shall be NET 30.

**4.0 Control of Documents.** All materials developed and supplied or submitted by GREGG in accordance with this Agreement, although instruments of professional service, are the sole and exclusive property of CLIENT.

**5.0 Insurance.** During the term of this AGREEMENT, GREGG shall maintain insurance coverage listed below with insurers satisfactory to CLIENT:

- a. **Workers' Compensation Insurance** in an amount not less than that prescribed by law;
- b. **Comprehensive General Liability Insurance** on a broad-form occurrence basis with a limit of \$1,000,000 per occurrence; and \$1,000,000 aggregate;
- c. **Professional Errors and Omissions Insurance** with liability limits of no less than \$1,000,000;
- d. **Automobile Liability Insurance** (owned, non-owned and hired), including personal injury and property damage, with a limit of \$1,000,000 combined single limit.

GREGG shall cause CLIENT to be an additional insured under GREGG's Comprehensive General Liability insurance and Umbrella Insurance required under this AGREEMENT, and certificate(s) (to be followed by endorsement(s) to the policy by the carrier(s)) evidencing this fact shall be submitted to CLIENT and must be approved by CLIENT before work commences under this AGREEMENT. The insurance specified in **b.** above shall be primary to and not in excess of any other insurance available to CLIENT. GREGG shall obtain from its insurers for insurance coverage in Sections **b** and **c** a waiver of subrogation in favor of CLIENT. GREGG will notify CLIENT, in writing, at least ten (10) days prior to any cancellation or any change in or reduction of the coverages shown herein, which notification shall not relieve GREGG of any of its obligations in this Section 8.0.

## **6.0 Indemnification and Limit of Liability.**

**6.1 CLIENT Indemnification.** CLIENT agrees to indemnify, defend and hold harmless GREGG, its members, officers, directors, partners, employees, agents and affiliates, from and against all claims, damages, demands, liens, claims of lien, losses, fines, penalties, judgments, actions or liability of any kind which may be imposed on them, including, without limit, reasonable attorney fees, expert fees and litigation or arbitration costs actually incurred, to the extent they arise out of the negligent acts, errors or omissions or willful misconduct of CLIENT, or a breach of a material term or condition of this Agreement by CLIENT or its personnel.

**6.2 GREGG Indemnification.** GREGG agrees to indemnify, defend and hold harmless CLIENT, its officers, directors, partners, employees, agents and affiliates, from and against all claims, damages, demands, liens, claims of lien, losses, fines, penalties, judgments, actions or liability of any kind which may be imposed on them, including, without limit, reasonable attorney fees, expert fees and litigation or arbitration costs actually incurred, to the extent they arise out of the negligent acts, errors or omissions or willful misconduct of GREGG or its personnel concerning performance of the Services or a breach of a material term or condition of this Agreement by GREGG or its personnel.

**6.3 Consequential Damages.** In no event shall either party be liable to the other party for any consequential, incidental, punitive or indirect damages, including, without limitation, loss of income, loss of profits, loss or restriction of use of property or any other business losses.

**7.0 Publicity.** GREGG shall not use the name of or make reference to CLIENT in any publicity or releases for public dissemination, nor shall GREGG publicly divulge or use in any advertisement, publication or sales presentation any specifications, data or other information pertaining or related to this Agreement or any work performed hereunder without the prior written approval of CLIENT.

**8.0 Termination.** CLIENT shall have the right to terminate this Agreement at any time by giving written notice to GREGG. GREGG shall promptly stop work on the Services and shall deliver to CLIENT all work done under the Agreement. As full satisfaction of its obligations to GREGG hereunder, CLIENT shall pay GREGG'S charges according to the Agreement for work done on a "percentage of completion basis," but not including an allowance for any anticipated profits. The total of termination and progress payments shall not exceed the amount of any total Agreement price set forth in the basic Agreement.

**9.0 Audit Rights.** During the course of the Services, GREGG shall maintain reasonable and accurate job or project records of GREGG'S costs which are charged to CLIENT under this Agreement, and CLIENT and its agents shall have the right to inspect and audit those records at any reasonable time.

**10.0 Independent Contractor.** GREGG is and will perform Services under this Agreement as an independent contractor and as such shall have and maintain complete control over and be responsible for all of its personnel and operations. Neither GREGG nor anyone employed by it shall be, represent, act, purport

to act or be deemed to be the agent, representative, employee or subcontractor of CLIENT, and this Agreement shall not be deemed to create any form of business organization between or among the Parties.

**11.0 Invalidity and Unenforceability.** If any provision of this Agreement, or the application thereof to any person or circumstance, shall to any extent be held invalid or unenforceable by a court of competent jurisdiction, the remainder of this Agreement, and the application of such provision to persons or circumstances other than those as to which it is specifically held invalid or unenforceable, shall not be affected thereby, and each and every remaining provision of this Agreement shall be valid and binding to the fullest extent permitted by law.

**12.0 Force Majeure.** Neither GREGG nor CLIENT shall hold the other responsible or liable for damages or delays in performance cause by events beyond the control of the other party and which could not reasonably have been anticipated or prevented, including, without limit, acts of God, acts of governmental authorities, materially different site conditions, wars, riots, rebellions, sabotage, fires, explosions, accidents, floods, strikes or other conceded acts of workers, lockouts, or changes in laws, regulations or ordinances. The party intending to invoke force majeure shall provide notice to the other party within 24 hours of the event.

### **13.0 Miscellaneous**

**13.1 Entire Agreement.** This Agreement is solely for the benefit of the parties hereto and represents the entire and integrated Agreement between the parties and supersedes all prior negotiations, representations, or agreements, either written or oral.

**13.2 Choice of Law.** This Agreement shall be governed by the laws of, and all actions in connection with this Agreement brought and heard in, the state where the work is to be performed.

**13.3 Duration.** These General Conditions will remain in effect for the duration of this Agreement or until such time as the Agreement is mutually amended or terminated.

**13.4 Assignment.** This Agreement shall be binding upon and shall inure to the benefit of the successors and assigns of the parties. Neither Party shall assign this Agreement, nor any reports or information generated pursuant to this Agreement, without the written consent of the other, which consent shall not be unreasonably withheld.

**13.5 Amendment.** This Agreement may be amended at any time by written agreement of CLIENT and GREGG.

**13.6 Waiver of Covenants, Conditions or Remedies.** Waiver by one party of performance of any covenant, condition or remedy under this Agreement shall not invalidate this Agreement nor shall it be considered a waiver of any other covenant, condition or remedy under this Agreement.

**13.7 Waiver of Jury Trial.** To the extent permitted by applicable law, the parties waive trial by jury in any action, proceeding or counterclaim brought by any party against the other on any matters arising out of or connected with this Agreement or any claim of damage resulting from any act or omission of any of the parties connected with this Agreement.

**13.8 Further Acts.** Each party agrees to perform any further acts and to execute, acknowledge and deliver any documents which may be reasonably necessary to carry out the provisions of this Agreement. The Parties have caused this Agreement to be executed effective as of the date of the last signature below

**Accepted and Agreed to By:**

**GREGG DRILLING, LLC**

\_\_\_\_\_

\_\_\_\_\_

**By:** \_\_\_\_\_

**By:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Date:** \_\_\_\_\_



TO: Board of Directors  
Agenda Item No. 13a

FROM: Jim Beck, Executive Director

DATE: May 3, 2023

SUBJECT: 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 March 2023. An overview of consultant budget-to-actuals is provided as Attachment 2.

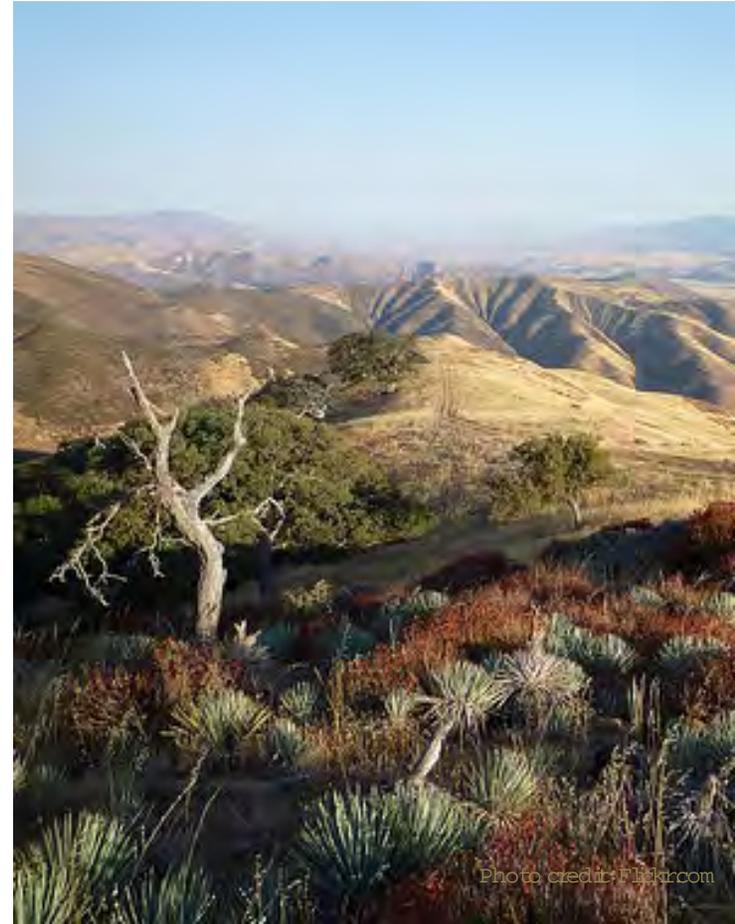
# March 2023 Accomplishments & Next Steps

## Accomplishments

- ✓ Prepared for and facilitated Well Data Improvement ad hoc on March 1, 2023
- ✓ Prepared for and facilitated six (6) variance consultation meetings on March 14, 16, and 17, 2023.
- ✓ Prepared for and facilitated FY 23-24 budget ad hoc on March 15, 2023.
- ✓ Prepared for and facilitated SAC special meeting on March 23, 2023
- ✓ Prepared for and facilitated Board special meeting on March 29, 2023.
- ✓ Resounded to Public Record Act request.
- ✓ Recorded well information surveys.

## Next Steps

- Finalize Central Management Area allocations.
- Finalize FY 23-24 budget and cash flow.
- Finalize FY 23-24 Groundwater Extraction Fee report.
- Plan for GSP 2025 update.

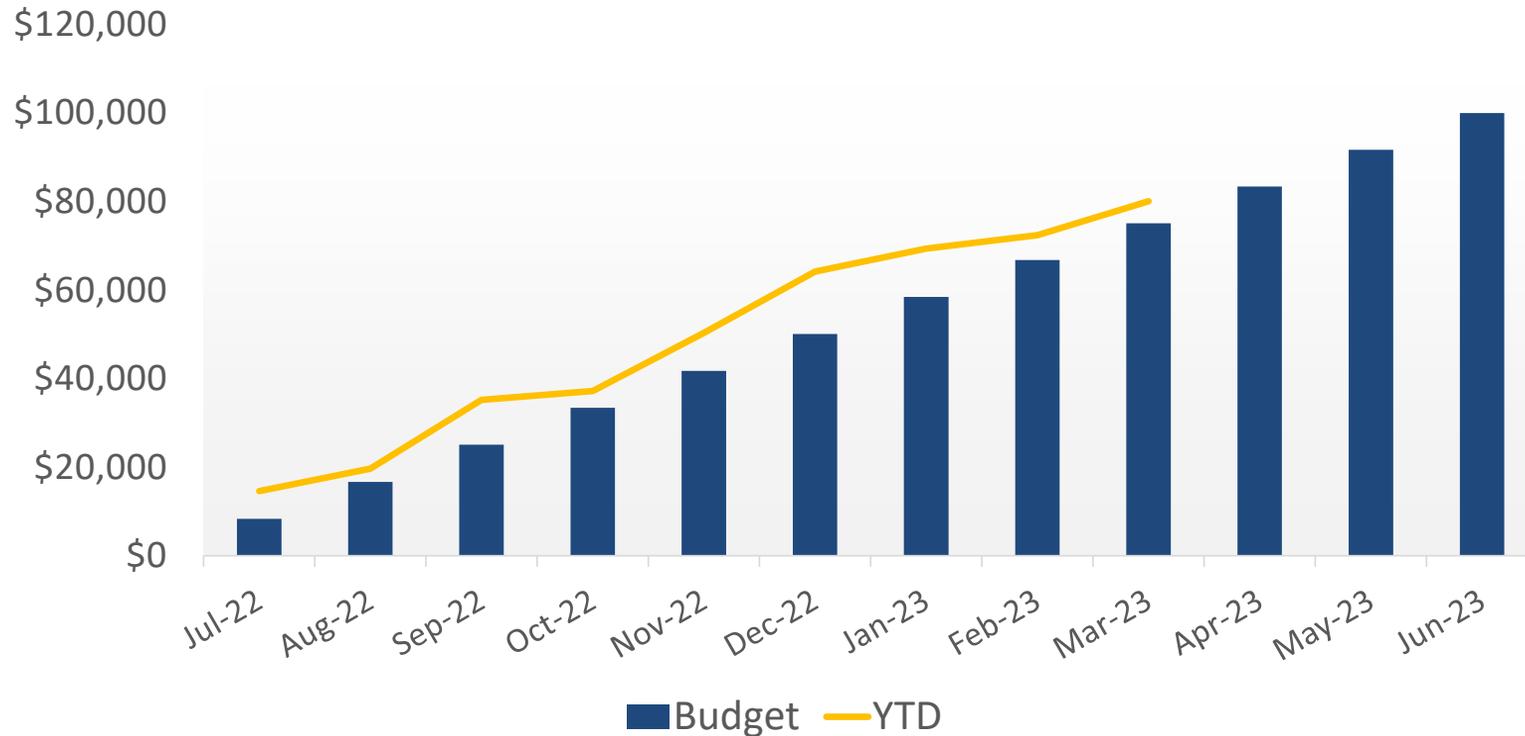


# Cuyama Basin Groundwater Sustainability Agency Financial Report

May 3, 2023

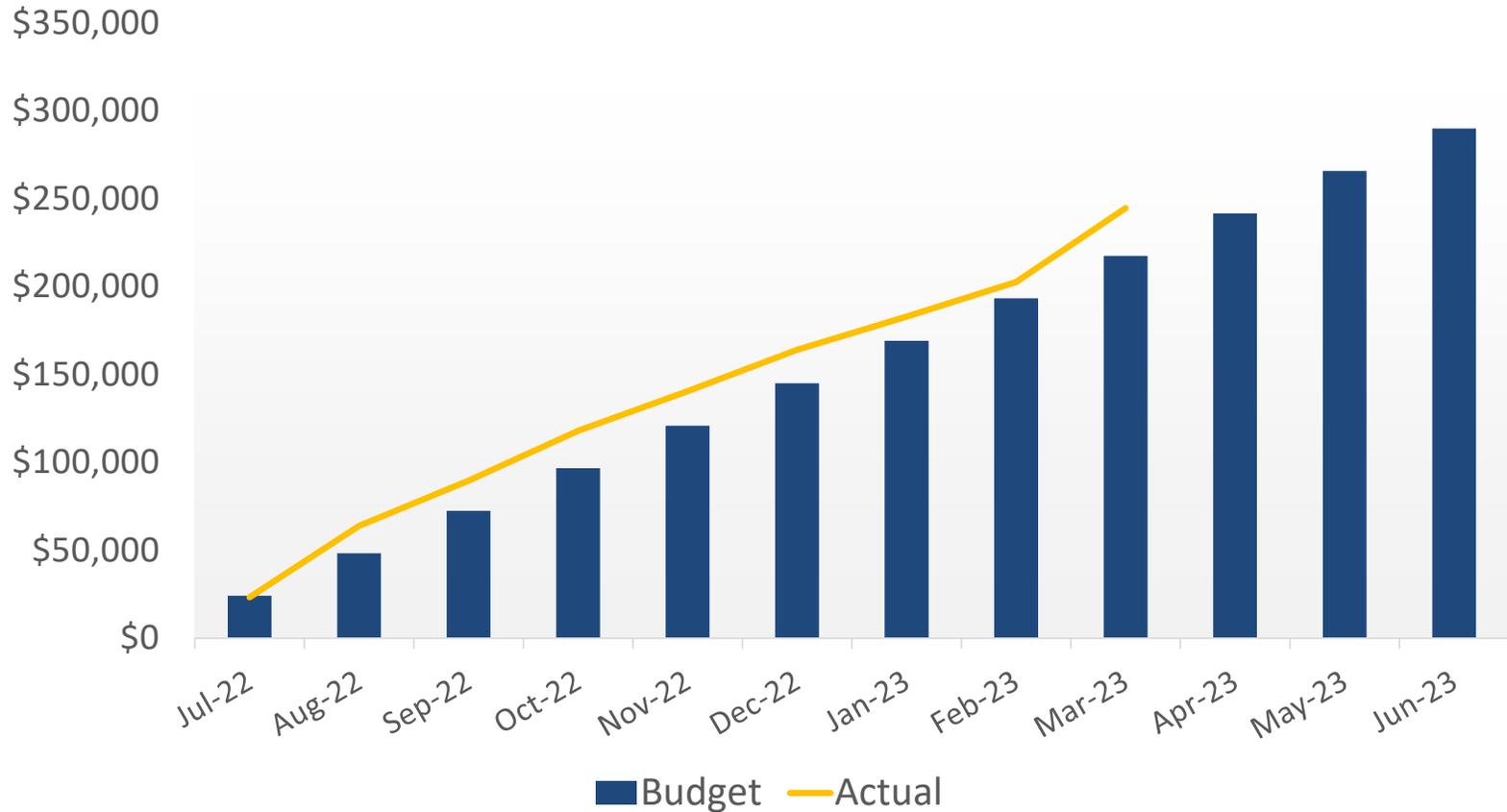
# Legal Counsel – Budget-to-Actuals

FY 22-23



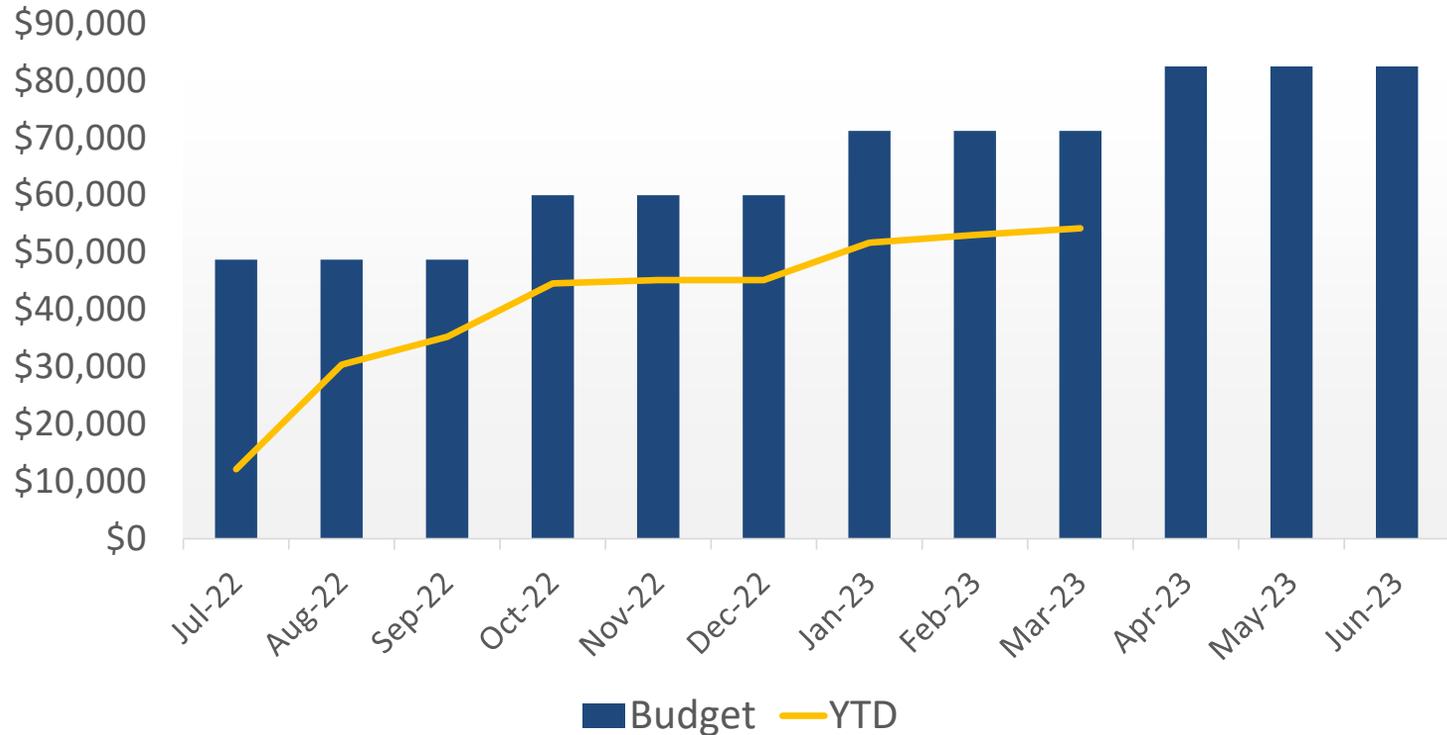
# Hallmark Group – Budget-to-Actuals

Task Order No. 8



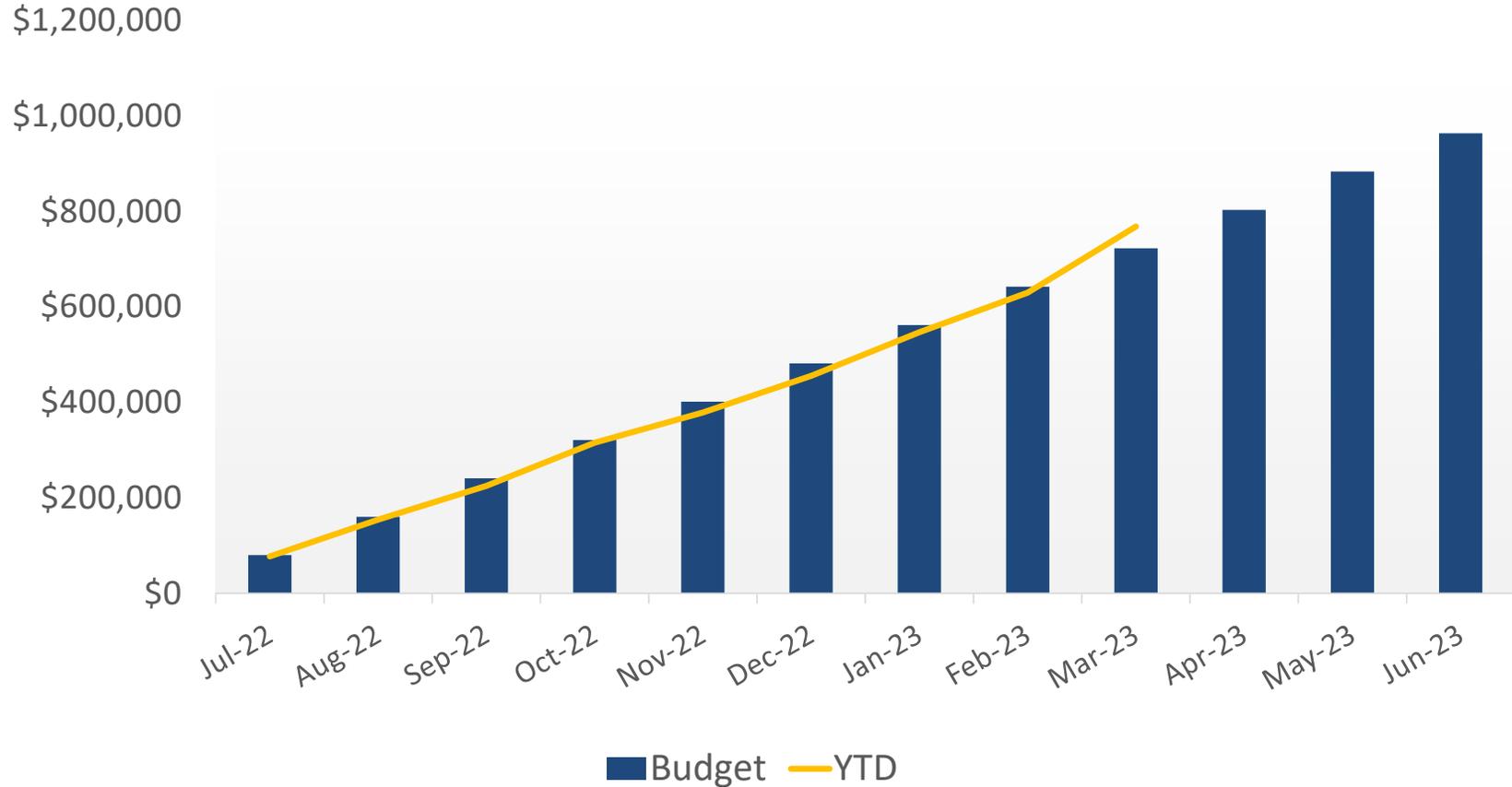
# Provost & Pritchard – Budget-to-Actuals

FY 22-23

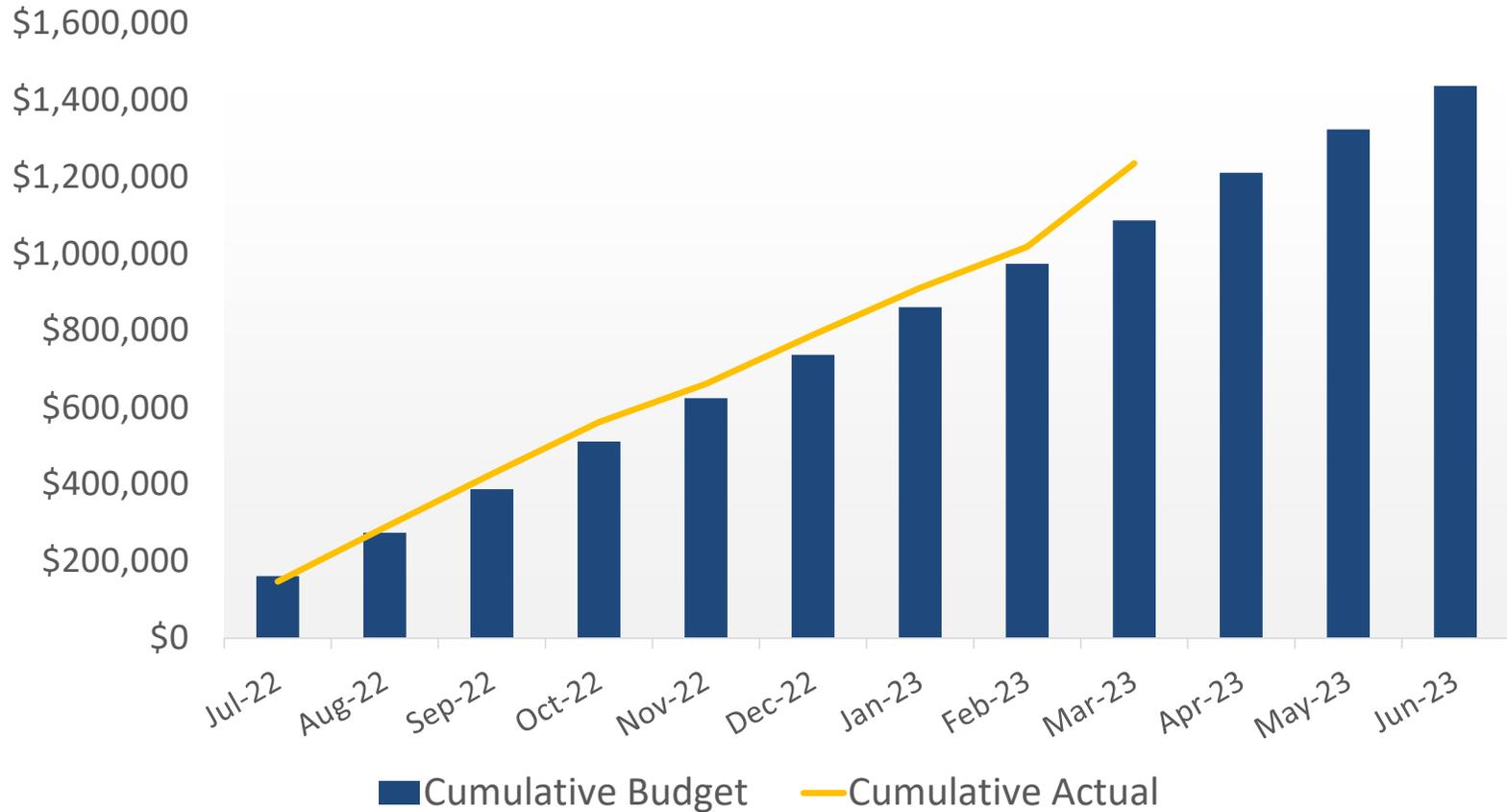


# Woodard & Curran – Budget-to-Actuals

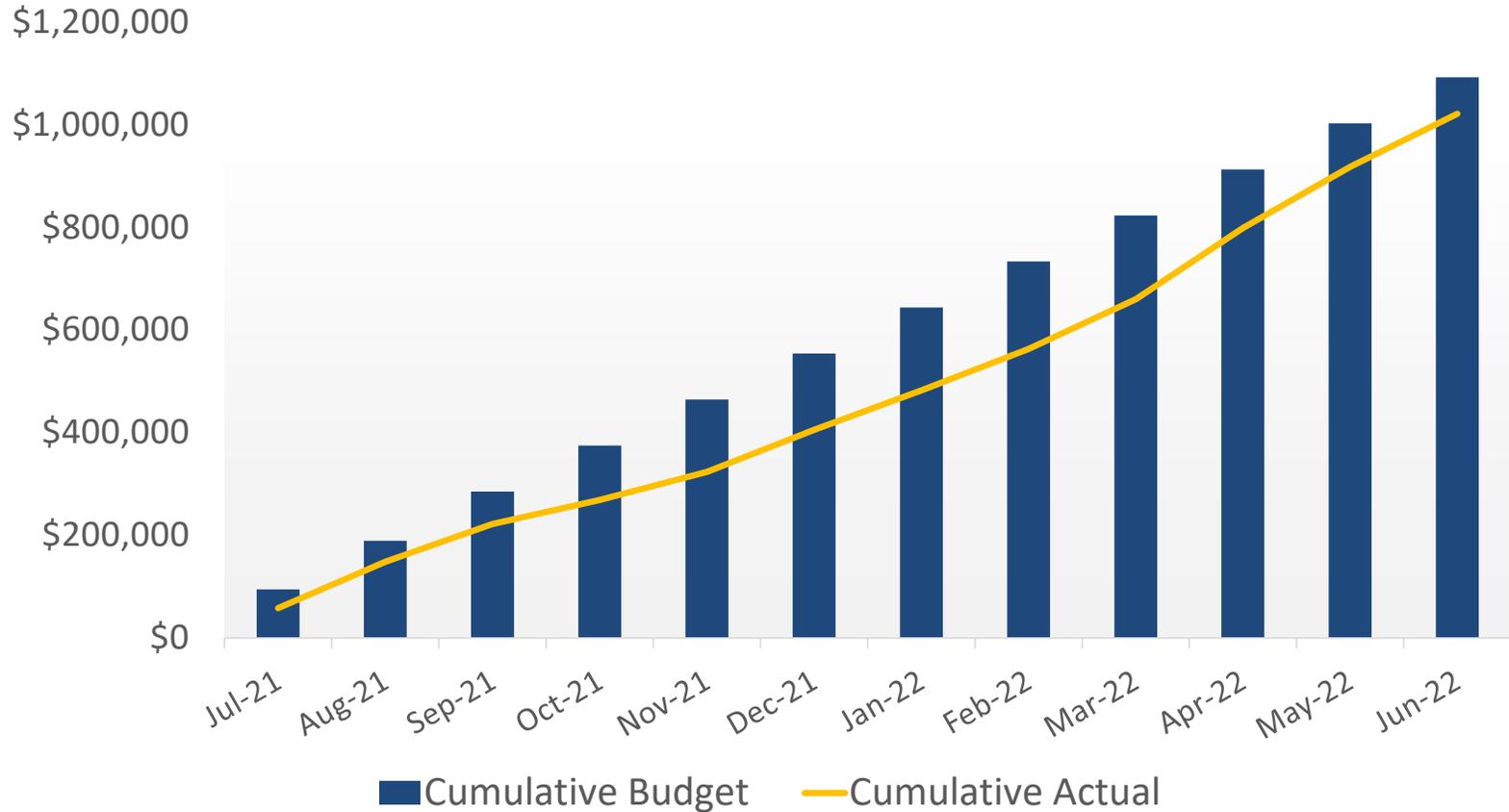
Task Order No. 10



# CBGSA FY 22-23 – Budget-to-Actuals



# CBGSA FY 21-22 – Budget-to-Actuals





TO: Board of Directors  
Agenda Item No. 14a

FROM: Brian Van Lienden, Woodard & Curran

DATE: May 3, 2023

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.

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# 14a. Update on Groundwater Sustainability Plan Activities

Brian Van Lienden

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May 3, 2023



# March-April Accomplishments

Brian Van Lienden

- ✓ Developed water year 2022-2023 Annual Report and submitted to DWR
- ✓ Continued landowner outreach for implementation of new monitoring wells and piezometers
- ✓ Provided support and recommendations for variance process for groundwater allocations
- ✓ Refined land use data for historical years between 1996 and 2016
- ✓ Implemented updates to Opti Data Management System
- ✓ Developed refined sustainability criteria and supplemental GSP section for consideration by CBGSA Board



TO: Board of Directors  
Agenda Item No. 14b

FROM: Brian Van Lienden, Woodard & Curran

DATE: May 3, 2023

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

# 14b. Update on Monitoring Network Implementation

Brian Van Lienden

May 3, 2023



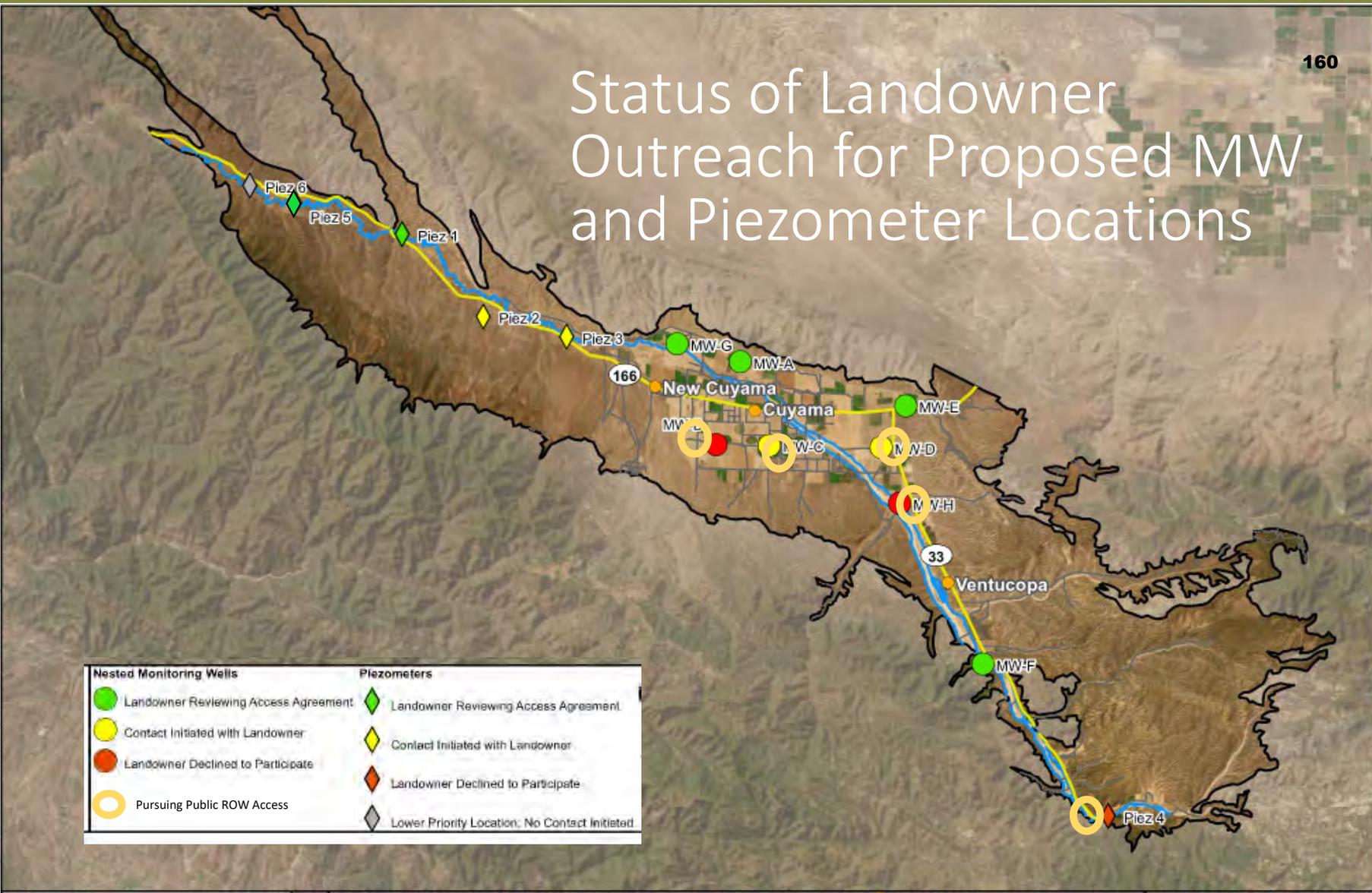
# Status of Monitoring Well and Piezometer Landowner Outreach

159

- **Multi-Completion Monitoring Well Locations:**
  - Landowners at four locations have indicated they will likely participate
  - Landowners at two locations have declined to participate
  - Outreach is ongoing at two locations
  - Public right-of-way options are being considered at four locations
- **Piezometer Locations:**
  - Landowners at one location has indicated they will likely participate
  - Landowners at one location has declined to participate
  - Outreach is ongoing at three locations
  - Public right-of-way options are being considered at one location

# Status of Landowner Outreach for Proposed MW and Piezometer Locations

Nested Monitoring Wells		Piezometers	
 Landowner Reviewing Access Agreement	 Landowner Reviewing Access Agreement		
 Contact Initiated with Landowner	 Contact Initiated with Landowner		
 Landowner Declined to Participate	 Landowner Declined to Participate		
 Pursuing Public ROW Access	 Lower Priority Location: No Contact Initiated		



# Stream Gauge Locations

## USGS DATA

### 1. Cuyama R NR Ventucopa

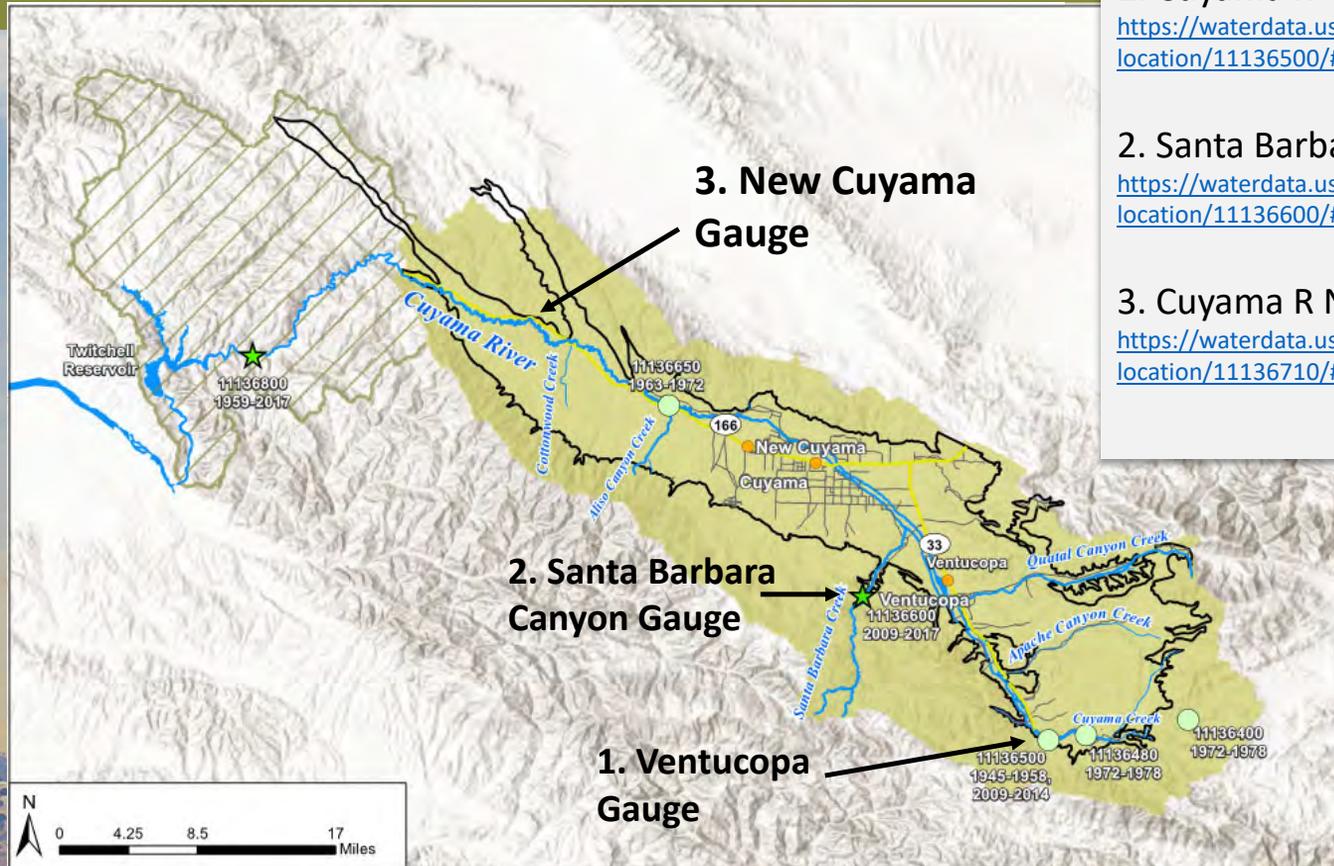
<https://waterdata.usgs.gov/monitoring-location/11136500/#parameterCode=00060&period=P365D>

### 2. Santa Barbara CYN C NR Ventucopa

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

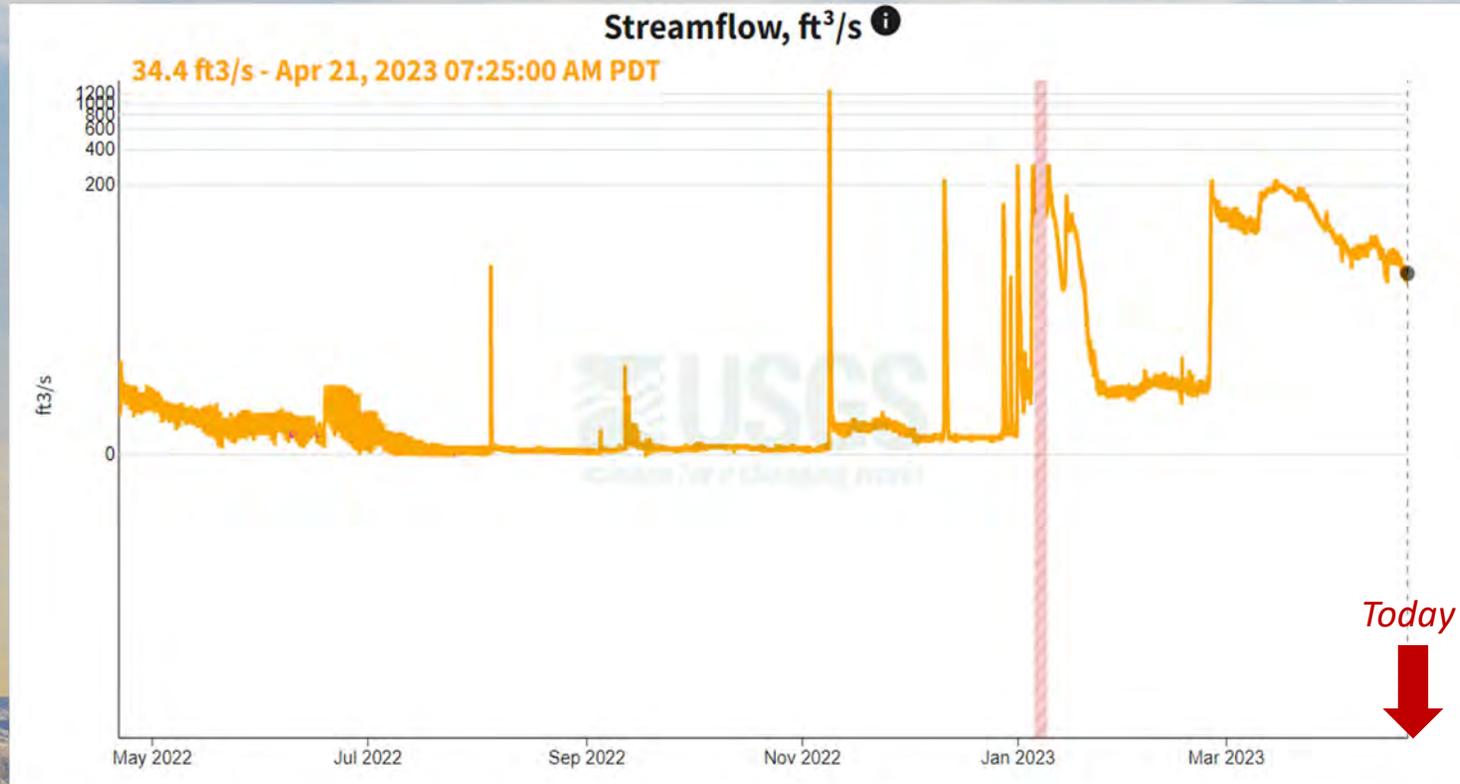
### 3. Cuyama R NR New Cuyama (Spanish Ranch)

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



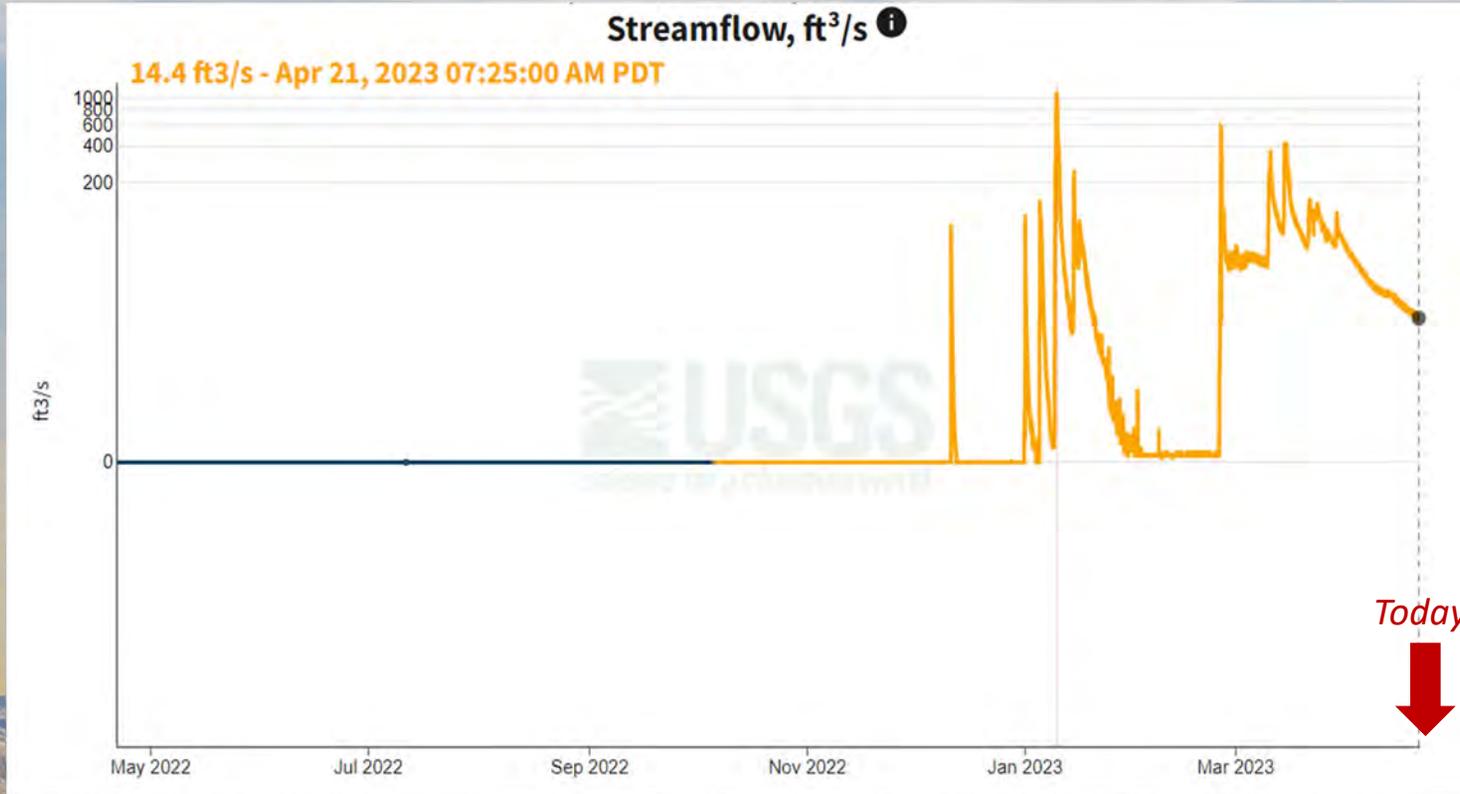
# Ventucopa Stream Gauge: Discharge Data

Brian Van Lienden

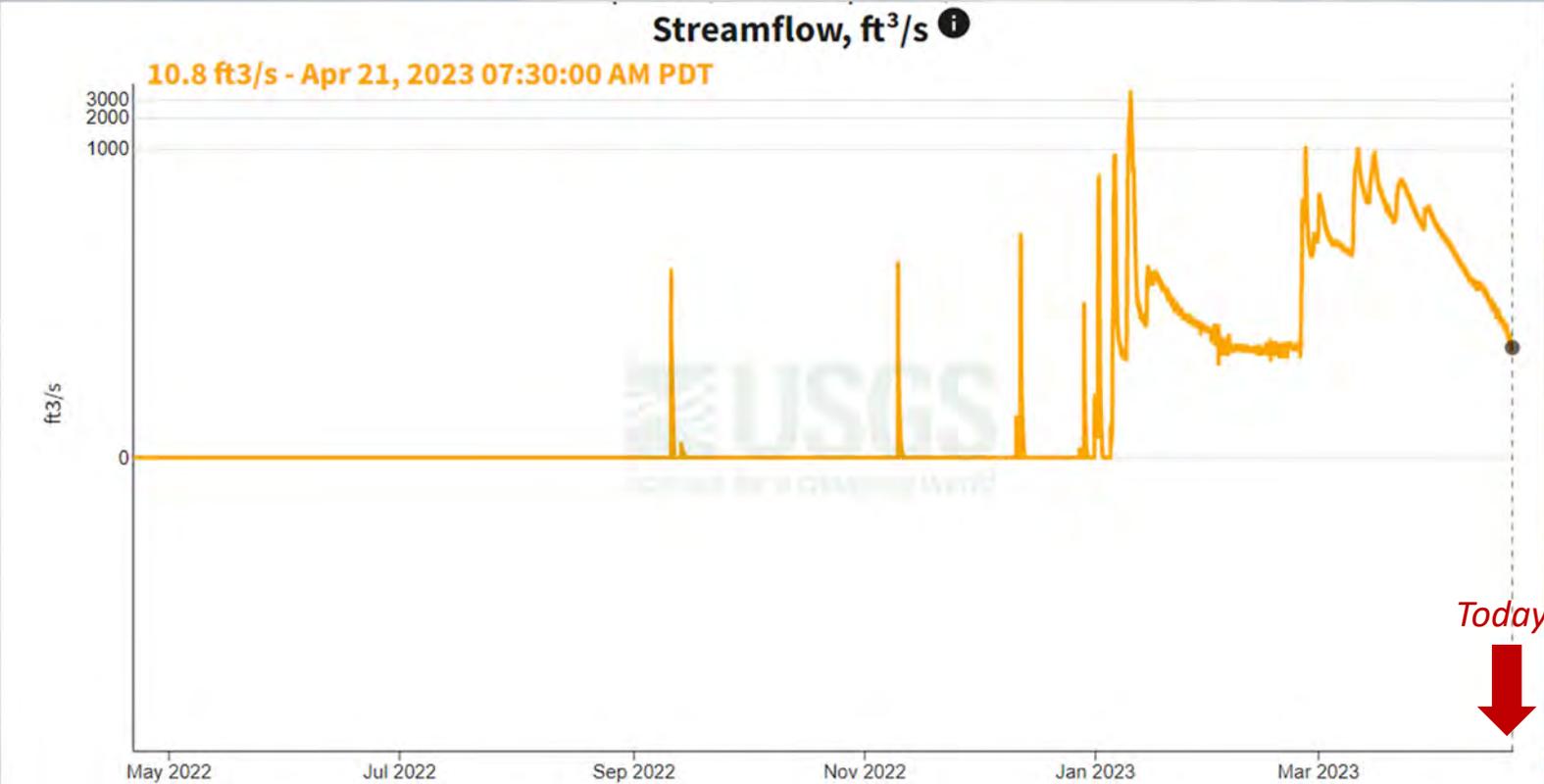


# New Cuyama Stream Gauge: Discharge Data

Brian Van Lienden



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



# Schedule for Cuyama Basin Monitoring in 2023

Brian Van Lienden

- Quarterly groundwater levels monitoring:
  - January, April, July, October
- Annual water quality testing for TDS:
  - 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. 14c

FROM: Brian Van Lienden, Woodard & Curran

DATE: May 3, 2023

SUBJECT: Update on Opti Data Management System (DMS) Enhancements

**Recommended Motion**

None – information only.

**Discussion**

An update on Opti Data Management System (DMS) Enhancements is provided as Attachment 1.

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# 14c. Update on Data Management System Enhancements

Van Lienden

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May 3, 2023



# Update on Opti Data Management System Enhancements

169

- Opti DMS functionality has been updated:
  - Displays sustainability criteria on charts
  - Additional options for displaying data on charts and tables
  - Tables expanded to include measurement method and accuracy

- Opti Link:

<http://opti.woodardcurran.com/cuyama/login.php>



April 24, 2023

Stephanie Osler Hastings  
Attorney at Law  
805.882.1415 direct  
shastings@bhfs.com

**VIA EMAIL TO: TBLAKSLEE@HGCPM.COM**

Taylor Blakslee  
Project Manager  
Cuyama Basin Groundwater Sustainability Agency  
4900 California Ave,  
Tower B, Suite 210,  
Bakersfield, CA 93309

**RE: Objection to Cuyama Basin Groundwater Sustainability Agency Board of Directors' Action on the Second Variance Requests to the Central Management Area Allocation Policy**

Dear Mr. Blakslee:

This office represents the Perkins Ranch. On behalf of Perkins Ranch, I am writing to object to the Cuyama Basin Groundwater Sustainability Agency's ("**CBGSA**") recent action on the CBGSA's Overarching Policy for Wells Inside and Outside the Central Management Area ("**Farm Unit Policy**") and the associated Central Management Area Allocation Policy ("**CMA Allocation Policy**") at its March 29, 2023 Board of Directors ("**Board**") Meeting and respectfully requests that the Board address Perkins' concerns at its meeting on May 3, 2023. Please forward this objection to the Board and include it in the agenda packet for the May 3, 2023 Board meeting.

By way of background, the Perkins Ranch includes more than 7,500 acres of land overlying the Cuyama Groundwater Basin; predominantly within the CBGSA's Central Management Area ("**CMA**"), but also lying outside the CMA. A portion of the Perkins Ranch lands are leased to Bolthouse Farms ("**Bolthouse**"). Perkins Ranch executed the CBGSA's Farm Unit Policy Request Form to assist its tenant, Bolthouse, with ongoing management of its irrigation and agricultural operations on Perkins Ranch's lands and Bolthouse submitted the jointly executed form on January 6, 2023.<sup>1</sup> On January 11, 2023, by email, you notified Perkins Ranch and Bolthouse that "your application is approved. Staff will incorporate the additional parcels in the revised allocation."

The Farm Unit Policy required landowners outside of the CMA to consent to application of the CMA Allocation Policy to their lands in exchange for a parcel specific allocation. Specifically, the Request Form requires the landowner to acknowledge that their parcel will be "(1) treated as part of the

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<sup>1</sup> For reference, a copy of the is attached to this letter.

Central Management Area; and (2) subject to any and all rules, regulations, ordinance, resolutions, and policies governing the Central Management Area, including groundwater pumping restrictions.” As part of implementation of the Farm Unit Policy, the CBGSA also commenced a Second Variance Request process for landowners and water users to submit information if they “believe there is an error with the updated allocations” following the CBGSA’s recalculation of the CMA allocations under the Farm Unit Policy and revised allocation methodology. Despite this narrow scope, on March 29, 2023, the Board took actions that fundamentally changed implementation of the Farm Unit Policy and CMA Allocation Policy.

Specifically, Perkins Ranch objects to the Board’s action on the Grimmway Enterprises, Inc.’s (“Grimmway”) Second Variance Request. Contrary to the advice of the Ad Hoc Committee,<sup>2</sup> the Board approved the Second Variance Request adding two notations to the CMA allocations:

1. Nothing in this spreadsheet is intended as a precedential allocation or a determination of water rights.
2. The allocations to property owners shown with an asterisk (\*) are part of a larger farming unit allocation and do not represent a specific allocation to that particular owner/parcel within the farming unit.

Perkins Ranch agrees with and supports the inclusion of Notation No. 1. However, **Perkins Ranch objects to the inclusion of the underlined text in Notation No. 2 above.** Perkins Ranch concurs with the Ad Hoc Committee’s recommendation that landowners participating in the Farm Unit Policy and subject to the CMA Allocation Policy must receive a parcel specific allocation and be treated similarly to all other parcels within the CMA. Perkins Ranch’s objection is based on the following grounds:

First, Perkins Ranch signed the Farm Unit Request Policy Form based on the fundamental assumption that its lands would be “treated as part of the Central Management Area” and subject to the same regulations “governing the Central Management Area,” including receipt of a parcel specific allocation. The Board’s action on Grimmway’s Second Variance Request modifies a fundamental aspect of the Farm Unit Policy and CMA Allocation Policy—a parcel specific allocation—upon which Perkins Ranch relied when it executed the Request Form. Moreover, the Board’s modification of the Farm Unit Policy was taken without adequate notice to all affected parties or an opportunity to participate in the Board’s decision to make a change to the CMA Allocation Policy that purports to impair their property rights—in contravention of their right to due process. The Board’s action goes far beyond the Board’s

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<sup>2</sup> “Regarding [Notation] No. 2, the Committee does not believe that, just because an allocation is included in a farming unit, that the allocation is no longer specific to a certain parcel. Therefore, the Committee will not recommend to the Board that the allocation spreadsheet include the entirety of [Notation] No. 2, but instead, the following language: “the allocations to property owners shown with an asterisk (\*) are part of a larger farming unit allocation.” (March 19, 2023 Letter from Jim Beck, Executive Director, to Matt Vickery, Grimmway Enterprises, Inc.)

consideration of an “error with the updated allocation” and should have been agendized as a modification of the Farm Unit Policy.

Second, the Board’s action on Grimmway’s Second Variance Request contradicts the Board’s action on Bolthouse’s Second Variance Request, which requested a similar change. The Board approved the Ad Hoc Committee’s recommendation on Bolthouse’s request, which expressly *rejected* Bolthouse’s similar request to assign allocations based on the parcel where the groundwater is extracted rather than the parcel where the groundwater is applied to beneficial use. The Ad Hoc Committee correctly determined that “this approach is not consistent with the [Board’s] adopted policy.” Given the Board’s rejection of the Bolthouse request, the Board’s inclusion of the underlined language in Notation No. 2 creates uncertainty about how the CMA Allocation Policy applies to landowners subject to the Farm Unit Policy and specifically how it applies to the Perkins Ranch lands subject to the Farm Unit Policy. Further, the underlined text in Notation No. 2 appears to conflict with the CBGSA’s proposed implementation of the Farm Unit Policy—causing further uncertainty and confusion. Although the CMA Allocation Policy has not been finalized, CBGSA staff and the Board have stated that they plan to implement the CMA Allocation Policy by monitoring the total groundwater pumping by an entity or farm unit relative to that entity or farm unit’s gross parcel allocation. This approach gives the entity or farm unit the flexibility to use its parcel specific allocations on any of its parcels, provided that it does not pump more than its gross allocation.

Third, Notation No. 2 arbitrarily treats parcels under the Farm Unit Policy differently from other landowners within the CMA, which receive a parcel specific allocation. The CBGSA has offered no rationale for treating Farm Unit Policy parcels differently than any other parcel subject to the CMA Allocation Policy. For example, a landowner within the CMA would still receive a parcel-specific allocation even if a tenant leases the parcel, but a Farm Unit Policy landowner would not. The benefits and burdens of the CMA Allocation Policy must be uniformly applied.

**Requested Modification of CMA Allocation Policy:**

Accordingly, Perkins Ranch respectfully requests that the Board strike the underlined language in Notation No. 2 and revise the CMA allocations to read as follows:

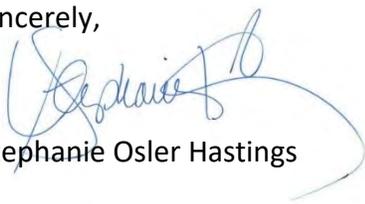
1. Nothing in this spreadsheet is intended as a precedential allocation or a determination of water rights.
2. The allocations to property owners shown with an asterisk (\*) are part of a larger farming unit allocation.

Taylor Blakslee  
April 24, 2023  
Page 4

Should the Board retain the underlined text in Notation No. 2, Perkins Ranch and other landowners within the CMA must have the opportunity to reevaluate whether they can agree to the revised Farm Unit and CMA Allocation Policies.

Thank you for your considerations of these comments. Should you have questions, please contact me at (805) 882-1415 or Shastings@bhfs.com or Mack Carlson at (805) 882-1485 or Mcarlson@bhfs.com.

Sincerely,

A handwritten signature in blue ink, appearing to read "Stephanie Osler Hastings", with a large, sweeping flourish extending to the right.

Stephanie Osler Hastings

cc: Joseph Hughes, Klein DeNatale Goldner  
Alex Dominguez, Klein DeNatale Goldner

January 6, 2023

Stephanie Osler Hastings  
 Attorney at Law  
 805.882.1415 direct  
 shastings@bhfs.com

**VIA EMAIL: TBLAKSLEE@HGCPM.COM**

Taylor Blakslee  
 Assistant Executive Director  
 Cuyama Basin Groundwater Sustainability Agency  
 4900 California Avenue  
 Tower B, Suite 210  
 Bakersfield, CA 93309

RE: Farming Unit Policy Request Form - Perkins Ranch Objection Letter

Dear Mr. Blakslee:

This letter is submitted on behalf of Perkins Ranch ("Perkins") regarding its execution, as landowner, of the Farm Unit Policy Request Form ("Form") submitted by Bolthouse Farms ("Bolthouse") to the Cuyama Basin Groundwater Sustainability Agency ("GSA").<sup>1</sup> Perkins has executed the Form to assist its tenant, Bolthouse, with ongoing management of its irrigation and agricultural operations located on Perkins' lands. However, Perkins has numerous procedural and substantive concerns with the GSA's Overarching Policy for Wells Inside and Outside the Central Management Area ("Farm Unit Policy") and the associated Central Management Area Allocation Policy ("CMA Allocation Policy"), as set forth in this letter.

## **I. RESERVATION OF RIGHTS**

Perkins executes and submits the Form pursuant to the Farm Unit Policy under protest and solely for the purpose of preserving its interests in its long-term, agricultural lease for its landholdings.

Perkins reserves all rights, claims and defenses with respect to the Farm Unity Policy, the CMA Allocation Policy, and any other action of the GSA. Perkins' execution and submission of the Form is subject to each and all of the objections set forth in this letter. Perkins reserves the right to object to and challenge the Farm Unit Policy, the CMA Allocation Policy, and any other action by the GSA, administratively before the GSA, or through any other legal means, including through the pending comprehensive adjudication of the Cuyama Basin (*Bolthouse Land Company, LLC, et al. v. All Persons Claiming a Right to Extract Groundwater in the Cuyama Valley Groundwater Basin (No. 3-013)*) (the

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<sup>1</sup> The Form contains the list of Assessor's Parcel Numbers ("APNs") owned by Perkins outside the Central Management Area that are leased to Bolthouse for its agricultural operations.

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“Adjudication”). Perkins’ execution of the Form in no way constitutes a waiver of Perkins’ objections or an admission, opinion or support for the GSA’s actions related to the Farm Unit Policy, the CMA Allocation Policy, or and any other action of the GSA.

## II. PROCESS OBJECTIONS

### A. The Form Contravenes Due Process Requirements

Perkins has serious concerns about the Form potentially requiring it, as landowner, to accept an uncertain CMA Allocation Policy for its property outside of the CMA. As drafted, the Form contains an ambiguous “Acknowledgement” that purports to have the requester (here, Bolthouse) and the landowner (here, Perkins) “agree[.]” that the property will become part of the CMA and subject to “any and all rules, regulations, ordinance, resolutions, and policies governing the [CMA], including groundwater pumping restrictions.” (Form, p. 2.)

It is a fundamental principle of federal and state law that persons may not be deprived of property interest without due process of the law including, at a minimum, reasonable notice and an opportunity to be heard before governmental deprivation of a property interest. Further, California law readily provides that a person’s general release or waiver of claims does not extend to unknown claims.

The GSA Board of Directors (“Board”) still has not finalized the CMA Allocation Policy, including the amount of each parcel’s allocation, the revised methodology to establish each parcel’s allocation, and any future rules and regulations to implement said policy. Through the Form’s Acknowledgement, the GSA cannot lawfully seek to have Perkins “agree” to an uncertain allocation for its property or forfeit its right to contest the property’s allocation through the GSA’s next variance request process. Perkins retains the right to object to and contest any allocation assigned to Perkins’ property consistent with due process requirements.

Moreover, because of the uncertainty surrounding the CMA Allocation Policy and “any and all” future regulations for the CMA, Perkins cannot know nor reasonably foresee all the potential claims that it may have against the GSA pertaining to or arising out of the GSA’s actions with respect to the CMA. As such, this Acknowledgement cannot and should not be construed as a waiver of Perkins’ rights to object to or challenge any future actions by the GSA.

The GSA should revise the Form to delete the Acknowledgement entirely. The GSA may require the requester and landowner to attest to the accuracy of the information provided—i.e., the parcel information.

**B. The Time Provided to Respond to The Farm Unit Policy is Inadequate**

Perkins also objects to the arbitrary deadline and wholly inadequate time provided to respond to the Farm Unit Policy and submit the Form.

First, the GSA provided a copy of the Farm Unit Policy and Form to interested parties on December 21, 2022, with a deadline to submit the Form a mere 10 business later on January 6, 2023—the period that extends over the holiday season. As such, the GSA provided insufficient time for landowners and their lessees, as applicable, to coordinate with each other, and for parties potentially affected by the policy to assess its application and to evaluate the legal implications of it, including but not limited to evaluating its impacts on existing and future lease arrangements, land uses, water supply operations, and water rights, all before submitting the Form

Second, the Farm Unit Policy fails to consider scenarios where a landowner sells or leases a portion of their property after the January 6, 2023 deadline. For example, a landowner that owns two parcels, one in the CMA and one outside of the CMA, but without a common irrigation system, does not meet the definition of a current “Farming Unit.” If the same landowner leases one of the parcels, arguably the landowner would be prohibited from agreeing to share in the use of a well located on one of the parcels for irrigation of the other during the two years in which the policy is in effect. Thus, by failing to allow the GSA to approve “Farming Units” in the future, the Farm Unit Policy may unlawfully constitute a land use regulation or serve as a restraint on alienation of property.

Accordingly, the GSA should provide landowners with sufficient time to negotiate solutions and to accommodate potential changed circumstances in the use of their lands while the CMA Allocation Policy is in effect – i.e., in 2023 and 2024. Fundamentally, the piecemeal approach of the CMA Allocation Policy raises significant substantive concerns discussed below.

**C. The CMA Allocation Policy’s Setting of Individual Allocations is Flawed and Creates Ongoing Uncertainty and Confusion**

The CMA Allocation Policy creates an unnecessary and uncertain process to set allocations for only a portion of the Cuyama Basin. Under the CMA Allocation Policy and the Farm Unit Policy, GSA staff will consider and approve Forms to treat those “Farming Units” as part of the CMA. Staff will then recalculate the sustainable yield for the “new” CMA based on the additional acreage and model results. The GSA will then apply a “historic average use calculation” to calculate individual allocations for each parcel. This new “historic average use calculation” stems from the fatal flaws in the GSA’s prior allocation calculation methodology revealed during the variance request process. However, the new “historic average use calculation” has not been publicly released or reviewed yet.

As proposed, the CMA Allocation Policy’s approach requires landowners and their lessees, as applicable, to submit a Form before they have any understanding of how their allocation will be

calculated. An allocation also may be, in part, contingent upon the number of other requesters and landowners that submit Forms, the area subject to those Forms, and the number of Forms that the GSA approves given that each approved Form impacts the amount of the sustainable yield that would be allocated to each parcel. This allocation process could again change in the next variance request process. Accordingly, the CMA Allocation Policy creates an untenable process where users still do not know their individual allocations, those allocations are unknowable, and those allocations could change multiple times before implementation later this year. Groundwater users thus cannot plan their future land uses and water supply operations under this cloud of uncertainty and instead must continuously monitor the various iterations of the allocation strategy to preserve their interests.

Further, the CMA Allocation Policy's approach to set the sustainable yield for a portion of the Cuyama Basin creates a unnecessary and artificial deadline because of its approach in setting the sustainable yield for only a subset of the Cuyama Basin and then allocating that sustainable yield to lands within it. Because of the work involved, the GSA cannot adjust the allocations or make other changes in response to changing conditions, including both operational changes by landowners and hydrogeologic changes in a timely and fair manner.

The GSA could take any number of approaches to respond to the hydrogeologic conditions in the Cuyama Basin efficiently, fairly, and flexibly and avoid undesirable results. Perkins urges the GSA to reevaluate its current approach and seek to harmonize its sustainable management strategies with the pending Adjudication, as further discussed below in Part III.

**D. The Farm Unit Policy, Like the CMA Allocation Policy, Should Have Been Adopted Through a Formal Action and Was Not**

Perkins is aware that the GSA Board of Directors and Standing Advisory Committee have conducted numerous meetings to discuss the Farm Unit Policy. Like the CMA Allocation Policy—which the GSA Board has never formally adopted—GSA Board again did not formally adopt the Farm Unit Policy through an ordinance. Instead, the Board simply approved the draft Farm Unit Policy by minute order on December 12, 2022.

Both the CMA Allocation Policy and Farm Unit Policy are clearly intended as a regulation. Accordingly, formal documentation of these policies is necessary through an ordinance of the GSA Board. The CMA Allocation Policy and Farm Unit Policy both purport to impair landowners' exercise of their overlying property rights by seeking to establish groundwater allocations, require pumping reductions, and impose monetary and other penalties. Such regulations must be formally adopted through an ordinance to ensure that landowners have notice of the applicable regulations and can clearly understand the requirements of the policies and their application to the landowner's lands and operations.

Perkins further notes that these policies and the relevant deadlines are generally not available on the GSA's website outside of the GSA's lengthy meeting materials, which are unclear as to whether the Farm Unit Policy was even adopted. As a result, an interested party that is not on the GSA's email list may never receive notice of the CMA Allocation Policy or the Farm Unit Policy.

Any allocation policy should be adopted by a formal ordinance. In no instance should landowners and other interested parties be required to submit to unpublished and uncertain regulations.

**E. The Board Has Not Yet Complied with the California Environmental Quality Act**

The GSA's actions are subject to the California Environmental Quality Act ("CEQA"). At such time as the GSA Board does take a final, formal action with respect to the CMA Allocation Policy and Farm Unit Policy, the Board must consider whether these policies will have a direct or reasonably foreseeable indirect impact on the environment due to the potential for landowners to need to fallow land in order to comply with the program. The fallowing of land in response to the proposed CMA Allocation Policy and/or Farm Unit Policy has reasonably foreseeable direct and indirect impacts on the environment including, but not limited to, impacts on air quality, land use, and biological resources.

**III. SUBSTANTIVE OBJECTIONS**

The Farm Unit Policy further highlights fundamental flaws with the GSA's CMA Allocation Policy, which proposes to establish groundwater allocations, impose restraints on pumping, and impose monetary and other penalties on only a subset of the Cuyama Basin's users—all in violation of the Sustainable Groundwater Management Act ("SGMA") and common law water rights.

**A. The Farm Unit Policy and CMA Allocation Policy Violates California Water Law**

The GSA does not have the power to determine or alter groundwater rights. SGMA does not supplant the common law; rather it only supplements it. Yet, the CMA Allocation Policy and Farm Unit Policy purport to limit the pumping of a subset of Basin users without consideration of, much less regard for, the relative priority of each user's water rights.

For example, the CMA Allocation Policy is geographically discriminatory in that it constrains the pumping of a subset of overlying landowners within the CMA, even though all groundwater users share in a common groundwater resource. Regardless of whether a landowner is inside or outside the CMA, their pumping withdraws from the same supply. The CMA Allocation Policy ignores this fact and California groundwater law by regulating groundwater use by some, but not all.

The Farm Unit Policy further create new inequities based solely upon the nature of a requester or landowner's operations that are completely unrelated to sustainable management of the

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groundwater resource. For example, a landowner that owns 50 acres of land inside the CMA and 50 acres of land outside the CMA and pumps 100 acre-feet per year (“AFY”) from a well outside the CMA for use on the entire property is subject to the Farm Unit Policy and must comply with the CMA Allocation Policy’s pumping reductions. Meanwhile, a neighbor that owns 50 acres of land outside the CMA that pumps 150 AFY from a well outside the CMA is not subject to CMA Allocation Policy under the Farm Unit Policy and need not engage in any pumping reductions. In fact, the neighbor could increase its water use above and beyond any pumping reductions by those subject to the Farm Unit Policy. As such, the Farm Unit Policy arbitrarily impairs exercise of overlying rights in a manner that is disconnected from sustainable management of the resource.

Perkins acknowledges that the Cuyama Basin must be brought into sustainable management. While an allocation policy is one means of ensuring sustainable groundwater management, such a policy must comport to fundamental principles of California Water Law—i.e., that the burdens of sustainable management are shared amongst similarly situated water right holders—while simultaneously avoiding the undesirable results on the Cuyama Basin.

**B. The CMA Allocation and Farm Unit Policy Should be Reconciled with the Pending Cuyama Basin Comprehensive Adjudication**

The Adjudication seeks to quantify all groundwater rights within the Cuyama Basin consistent with California water law. The Court – not the GSA – has exclusive jurisdiction to determine water rights through the Adjudication and to allocate the Cuyama Basin’s sustainable yield accordingly. The CMA Allocation Policy and Farm Unit Policy, which effectively quantify a subset of groundwater users’ water rights, conflict with the Adjudication because they seek to quantify and impair the rights of only a portion of the Cuyama Basin’s users. Ultimately, the Court’s decision with respect to water rights and a physical solution in the Adjudication will supersede the CMA Allocation Policy and the Farm Unit Policy.

Through the Adjudication, the Court will craft a physical solution to sustainably manage the Cuyama Basin. This physical solution should resolve the fundamental concerns with the CMA Allocation Policy and the Farm Unit Policy identified in this letter. Accordingly, the GSA should consider other approaches to improve sustainable groundwater management in the interim while the Adjudication unfolds and, at a minimum, revise the CMA Allocation Policy and the Farm Unit Policy to conform with the pending Adjudication.

**C. The Farm Unit Policy Emphasizes that the CMA Boundary is Arbitrary**

The GSA has acknowledged the modeled and operational CMA boundary is arbitrary given that users within the CMA pump groundwater from the same aquifer as users outside of the CMA who are exempt from the program. At a Cuyama GSA Cuyama GSA Public Workshop on August 25, 2022, staff

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acknowledged that the CMA boundary was selected for political reasons and had no scientific basis. Notwithstanding, the GSA Board continues to move forward with a CMA Allocation Policy based on a flawed boundary.

The Farm Unit Policy further highlights the arbitrary nature of the CMA boundary in that the policy proposes to change the boundary—not based on hydrogeologic or groundwater conditions—but solely based on the existing configuration of water infrastructure. Under the current CMA Allocation Policy and Farm Unit Policy, the CMA boundary would change in response to the GSA Board’s actions on submitted Forms but would otherwise remain unchanged during 2023 and 2024. (Farm Unit Policy, p. 1.) This approach could lead to absurd results. For example, a landowner under the Farm Unit Policy may be required to reduce pumping in areas outside of the CMA, despite rising groundwater levels beneath his property during 2023 and 2024. Conversely, another landowner outside of the CMA and not subject to the Farm Unit Policy could increase his pumping in a manner that continues to lower groundwater levels to the threshold used to establish the original CMA boundary without any consequences.

By tethering pumping reductions to water infrastructure, instead of hydrogeologic or groundwater conditions, the CMA Allocation Policy and Farm Unit Policy are arbitrary regulations that do not fairly or appropriately improve sustainable groundwater management, and as described above, violate common law water rights.

**D. The Farm Unit Policy Fails to Consider the Potential Benefits to Groundwater Levels Associated with Use of the Groundwater from Outside of the CMA on Lands Inside the CMA**

The Farm Unit Policy also likely undermines activities that may benefit the Cuyama Basin by raising groundwater levels within the CMA.

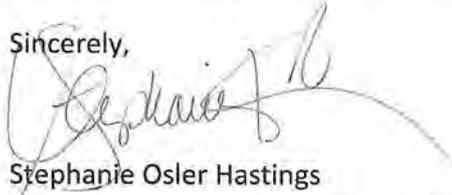
The Farm Unit Policy establishes an “overarching policy” that “lands inside the CMA cannot be served by wells outside the CMA” subject to exclusions available through an approved Farm Unit Policy Request Form. (Farm Unit Policy, p. 1.) This policy ignores that groundwater pumped from outside the CMA that is used to irrigate lands within the CMA offers potential benefits by (1) offsetting groundwater pumping within the CMA, and (2) increasing the amount of recharge and return flows entering an area experiencing the greatest groundwater level decline within the Basin.

Given the goal of the CMA Allocation Policy and GSP to improve groundwater levels in an area experiencing potential chronic lowering of groundwater levels, the CMA Allocation Policy and Farm Unit Policy should be designed to encourage activities that would help avoid undesirable results instead of arbitrarily constraining a subset of the Cuyama Basin’s landowners from exercising their overlying water rights.

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Thank you for your considerations of these comments. Should you have questions, please contact me at (805) 882-1415 or Shastings@bhfs.com or Mack Carlson at (805) 882-1485 or Mcarlson@bhfs.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephanie Osler Hastings", with a long, sweeping underline that extends to the right.

Stephanie Osler Hastings

cc: Beverly Guitierrez, Perkins Ranch



# Farming Unit Request Form

CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY

December 21, 2022

### FORM INSTRUCTIONS

Please complete this Farming Unit Request Form and submit to the Cuyama Basin Groundwater Sustainability Agency (a) by email at [tblakslee@hgcpm.com](mailto:tblakslee@hgcpm.com) (email submission preferred); or (b) by mail at 500 Capitol Mall, Suite 2350, Sacramento, CA, 95814 by January 6, 2023. If you have any questions, please contact Taylor Blakslee at [tblakslee@hgcpm.com](mailto:tblakslee@hgcpm.com) or (661) 477-3385. **Reminder:** This Farming Unit Request Form is in response to the Board's "Overarching Policy for Wells Inside and Outside the Central Management Area," attached, and is in effect for calendar years 2023 and 2024.

### FARMING UNIT ELIGIBILITY

A "Farming Unit" is a grouping of two or more parcels of land that is under the ownership or control (by lease or otherwise) of a single water user which includes CMA land and may include non-CMA land provided that the lands are served by a common irrigation system.

### REQUESTER INFORMATION

- 1 Requester Name DAN WILKE
- 2 Company/Organization WM. BOLTHOUSE FARMS
- 3 Address 7200 E. BRUNDAGE LN. BAKERSFIELD, CA. 93307
- 4 Phone Number 661-366-7209
- 5 Email dan.wilke@bolthouse.com

### FARMING UNIT REQUEST

Requester requests the following APNs be added to the list of APNs owned or otherwise controlled by the following CMA landowner: BELDEN FAMILY TRUST. These APNs will be allocated a maximum annual pumping amount for calendar years 2023 and 2024 based on an updated sustainable yield for the CMA that includes these APNs.

APN	Acres
1 <u>149-140-072</u>	<u>317.23</u>
2 <u>149-140-009</u>	<u>631.49</u>
3 <u>149-140-071</u>	<u>318.18</u>
4 <u>149-140-067</u>	<u>318.18</u>
5 <u>149-140-068</u>	<u>320.00</u>
6 <u>149-140-064</u>	<u>320.00</u>

\*If requesting more than six APNs, please attach a separate sheet listing those APNs.

### SUPPORTING DOCUMENTATION

Please include supporting documentation for your request. *At a minimum*, this supporting documentation should include a map showing APNs of lands both in and outside the CMA, and the wells/conveyance serving those APNs.

**ACKNOWLEDGEMENT**

The Requester understands, acknowledges, and agrees that, if the "Farming Unit Request Form" (Request Form) is approved by the Cuyama Basin Groundwater Sustainability Agency, all APNs listed in the Request Form will be (1) treated as part of the Central Management Area; and (2) subject to any and all rules, regulations, ordinances, resolutions, and policies governing the Central Management Area, including groundwater pumping restrictions.

    Dan Wilke    

Name of Requester

    [Signature]    

Signature of Requester

    1/6/2023    

Date

If the Requester is not the owner of all APNs listed on the Request Form, then the owner(s) of each APN must sign below, in addition to the Requester's signature, above. If additional signature lines are needed, please include those signature lines on a separate sheet of paper.

    Balden Family Trust } Perkins Ranch TIC    

Name of Landowner

    Beverly C. Gutierrez    

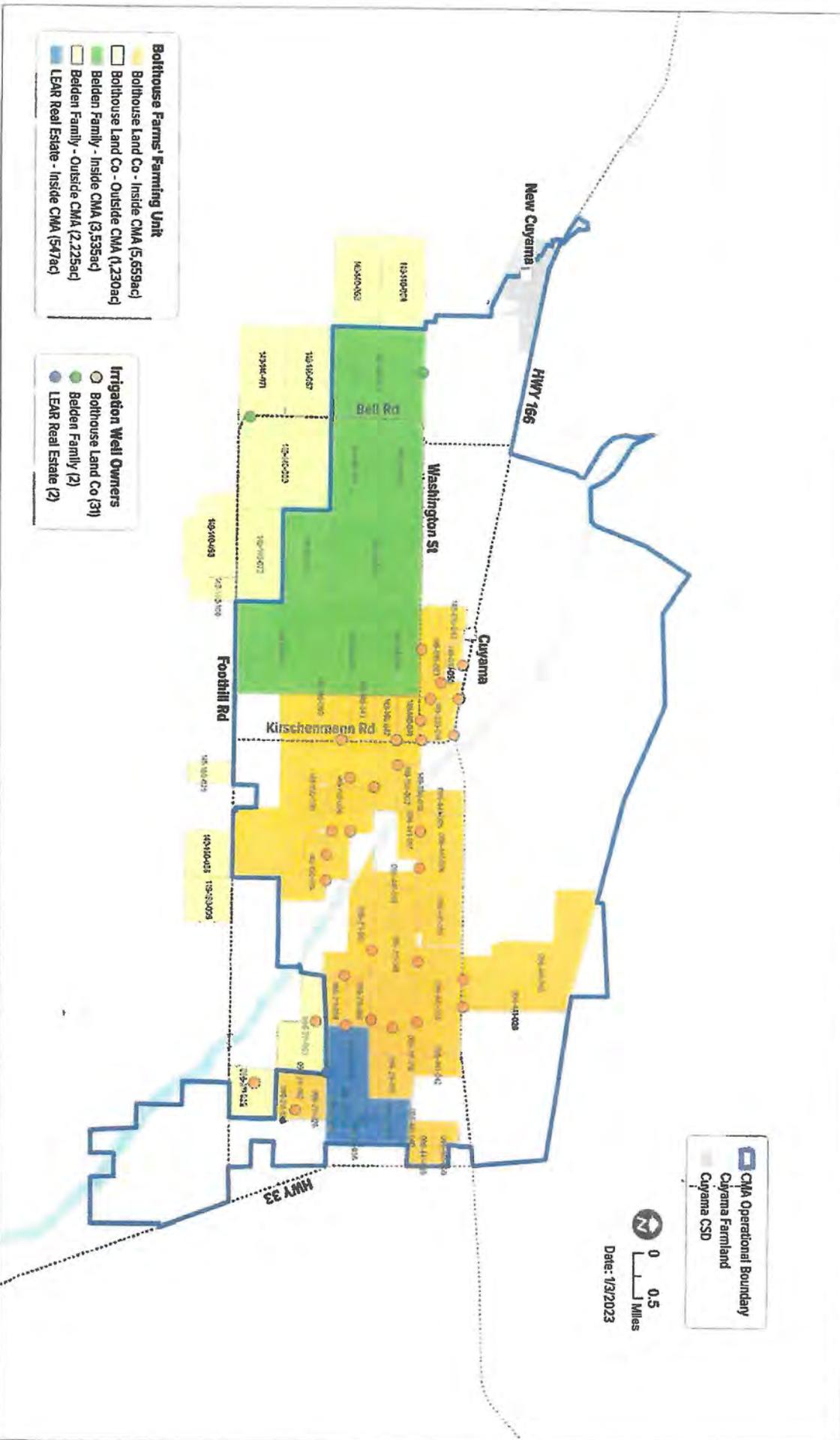
Signature of Landowner

\*See attached letter from Brownstein Hyatt Farber Schreck dated January 6, 2023

    1/6/2023    

Date

**Cuyama Basin Groundwater Sustainability Agency**  
 Central Management Area & Bothhouse Farms' Farming Unit



**Fennemore LLP.**

**Derek Hoffman**  
**Director**  
dhoffman@fennemorelaw.com

550 E. Hospitality Lane, Suite 350  
San Bernardino, California 92408  
PH (559) 446-3224  
fennemorelaw.com

April 27, 2023

**VIA EMAIL**

Board of Directors  
Cuyama Basin Groundwater Sustainability Agency  
c/o Taylor Blakslee (tblakslee@hgcpm.com)  
4900 California Avenue  
Tower B, Suite 210  
Bakersfield, CA 93309

Re: Duncan Family Farms, LLC Response to CBGSA Proposed 2023-2024  
Allocations for Consideration at May 3, 2023 Board Meeting

To the Board of Directors of the Cuyama Basin Groundwater Sustainability Agency:

On behalf of our clients, Duncan Family Farms, LLC and Aguila G-Boys LLC (collectively, “Duncan Family Farms”), we write to reiterate and reserve Duncan Family Farms’ objections regarding the CBGSA’s proposed final pumping allocations for years 2023 and 2024.

Duncan Family Farms’ objections, concerns and extensive efforts to correct errors and obtain a reasonable and supportable pumping allocation are well documented in the record, including through the following correspondence:

- CBGSA Variance Notice Packet (2-3-23)
- Duncan Family Farms’ Second Variance Request, including supporting technical reports of Plateau Resources, LLC and Tetra Tech (3-3-23)
- Duncan Family Farms’ Supplemental Letter to CBGSA Re Second Variance Request (3-17-23)
- CBGSA Ad Hoc Committee Recommendation Letter (3-19-23)
- Duncan Family Farms’ Request for CBGSA Model Data (3-20-23)
- Duncan Family Farms’ (S. Hood) Email to T. Blakslee Re Supplemental Information and Allocation Calculations (3-27-23)
- Recommendations of the CMA Ad Hoc Committee Regarding Duncan Family Farms Variance Request (3-27-23)
- Duncan Family Farms (D. Hoffman) Email to T. Blakslee Re Follow Up Questions (3-27-23)
- Duncan Family Farms letter to CBGSA Re March 29, 2023 hearing on Second Variance Request (3-29-2023)

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CBGSA Board of Directors

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All of the above prior correspondence is incorporated by reference.

The proposed final allocations for Duncan Family Farms continue to suffer from flaws in CBGSA modeling assumptions, a refusal to incorporate Duncan Family Farms' land use data, and a failure to address or respond to Duncan Family Farms' stated concerns.

CBGSA Staff have acknowledged that "land use and water use assumptions included in the model for Duncan Family Farms' parcels did not seem to adequately reflect actual historical operations during [2010-2017]." (March 27, 2023 CBGSA Staff letter). Duncan Family Farms promptly requested via March 27<sup>th</sup> email that CBGSA Staff provide the calculations and assumptions being used to develop the proposed final allocations. During a March 28<sup>th</sup> consultation call, CBGSA's Engineer acknowledged that the CBGSA flow model is **not** designed to simulate agricultural water use at the individual property level. We were nonetheless informed that no written response would be provided **until after the Board acted** upon Duncan Family Farms' Second Variance Request at the March 29, 2023 Board Meeting.

Duncan Family Farms detailed its questions again in its letter to the CBGSA of March 29, 2023. At that Board Meeting, CBGSA's Engineer acknowledged that an allocation number for Duncan Family Farms would need to be developed **outside of the model**. It remains unclear how the proposed 2023-2024 allocations for Duncan Family Farms were calculated, including parcel specific assumptions concerning cropped acres, crop types, wind-break tree irrigation, and water use. As of the date of this letter, no written response from the CBGSA has been provided to our March 27 email or March 29 letter.

Notably, while Duncan Family Farms' requests have gone unanswered, other pumpers have been *exempted entirely* from the Central Management Area pumping allocation and reduction program based upon findings of errors in the modeling assumptions.

In its March 3, 2023 Second Variance Request package, Duncan Family Farms produced a technical analysis supporting its water use estimates for its period of property ownership. We further promptly produced land use data including cropping acreage and crop-type data on March 17, 2023. The cropping acreage data reflects the intensive double- and triple-cropping patterns utilized by Duncan Family Farms. The proposed final allocation assumptions do not incorporate Duncan Family Farms' land use cropping data and instead continue to significantly underestimate its water use to the extent of approximately 200 AFY – 1,500 AFY during Duncan Family Farms' period of ownership. The table below summarizes the Plateau Resources LLC Estimated Well Pumpage in Cuyama Basin by Duncan Family Farms, 2011-2021, Table 2 (March 3, 2023), as compared to the CBGSA Applied Water Estimates by Water Year for years 2011-2021 for all

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CBGSA Board of Directors

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APNs owned by Aguila G-Boys, LLC included within the CBGSA proposed final allocations dated April 21, 2023<sup>1</sup>:

Year of DFF Ownership	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
CBGSA Applied Water Use Estimates for Duncan/Aguila (AFY)	1,120	1,715	1,698	1,820	1,679	2,102	2,148	2,471	2,253	2,372	2,411
Duncan/Aguila Estimated Water Usage (Plateau Resources LLC) (AFY)	2,587	2,660	2,701	2,610	2,644	2,662	2,686	2,619	2,678	2,593	2,602
Difference - CBGSA Underestimate (AFY)	(1,467)	(945)	(1,003)	(790)	(965)	(560)	(538)	(148)	(425)	(221)	(191)

Duncan Family Farms maintains that its 2023-2024 pumping allocations should not be saddled with the low water use estimates of its predecessor property owners more than a decade ago. The result of CBGSA’s modeling flaws and its policy to incorporate predecessor water use compounds the errors and assumptions resulting in incorrectly low allocations for Duncan Family Farms.

We urge the Board to direct Staff to address Duncan Family Farms’ concerns in writing, to correct the remaining errors in the assumptions as applied to Duncan Family Farms, and to revise accordingly the proposed 2023-2024 allocations for Duncan Family Farms.

Sincerely,

FENNEMORE LLP

*/s/ Derek Hoffman*

DEREK HOFFMAN

DHOF/dhof

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<sup>1</sup> Duncan estimated water use figures include approximately 31 AFY for domestic use and compost facility use. CBGSA’s March 27, 2023 letter states “domestic use is exempt from the proposed allocations” and that CBGSA Staff will develop a reporting mechanism to separately track domestic use. The letter also states that Duncan will receive 15 AFY “credit” for its compost facility irrigation during the period 2010-2017.



TO: Board of Directors  
Agenda Item No. 20

FROM: Jim Beck / Joe Hughes

DATE: May 3, 2023

SUBJECT: Consider for Approval Resolution No. 2023-052 Setting a Groundwater Extraction Fee for Fiscal Year 2023-2024 and Authorize Invoicing of Landowners

**Recommended Motion**

Adopt Resolution No. 2023-052 decreasing the existing groundwater extraction fee of \$38 per acre-foot to \$12 per acre-foot and invoice landowners.

**Discussion**

The purpose of this agenda item is to propose a \$26 decrease to the existing \$38 per acre-foot groundwater extraction fee as outlined in Resolution No. 2023-052 provided as Attachment 1.

After reviewing the proposed budget for Fiscal Year 2023-2024, reported water use data from 2022, and the Fiscal Year 2023-2024 cash flow, CBGSA staff has determined that a decrease of \$26 is sufficient to fund future administrative costs. This would decrease the existing groundwater extraction fee from \$38 per acre-foot to \$12 per acre-foot.

**RESOLUTION NO. 2023-052****A RESOLUTION OF  
THE BOARD OF DIRECTORS OF  
CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY  
REDUCING ITS GROUNDWATER EXTRACTION FEE AGAINST ALL  
PERSONS OPERATING GROUNDWATER EXTRACTION FACILITIES  
WITHIN THE CUYAMA BASIN**

**WHEREAS**, pursuant to the Sustainable Groundwater Management Act (SGMA), Groundwater Sustainability Agencies (GSA) are authorized to collect regulatory fees (Wat. Code, § 10730); and

**WHEREAS**, SGMA authorizes a GSA to impose fees and increase those fees to fund the cost of a groundwater sustainability program, including the preparation, adoption and amendment of a groundwater sustainability plan (GSP), and investigations, compliance assistance, enforcement, and program administration, including a prudent reserve; and

**WHEREAS**, the types of fees that can be imposed include fees on groundwater extraction; and

**WHEREAS**, on November 6, 2019, pursuant to Water Code section 10730, the Board of Directors (Board) of the Cuyama Basin Groundwater Sustainability Agency (Agency) authorized the imposition of a \$19 per acre foot groundwater extraction fee; and

**WHEREAS**, on August 13, 2020, pursuant to Water Code section 10730, the Board authorized the increase of the existing \$19 per acre foot groundwater extraction fee to \$44 per acre foot; and

**WHEREAS**, on May 5, 2021, the Board authorized the reduction of the existing \$44 per acre foot groundwater extraction fee to \$39 per acre foot; and

**WHEREAS**, on May 4, 2022, the Board again authorized the reduction of the groundwater extraction fee to \$38 per acre foot; and

**WHEREAS**, after a review of the financial standing of the Agency, the Board has again determined that the existing per acre foot groundwater extraction fee may be reduced; and

**WHEREAS**, the Agency gave notice concerning this proposed reduction as follows:

1. By posting a notice on the Agency's website at [www.cuyamabasin.org](http://www.cuyamabasin.org).
2. By mailing all landowners within the Agency's boundaries notice of the public fee hearing.

3. By publishing a notice in The Santa Maria Times of the public fee hearing on April 20, 2023 and April 27, 2023.
4. The notices included: (i) the time and place of the hearing; (ii) a general explanation of the fee under consideration; and (iii) a statement that the data on which the fee is based is publicly available.
5. By posting the data upon which the reduced fee is based on the Agency's website at [www.cuyamabasin.org](http://www.cuyamabasin.org).

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of Cuyama Basin Groundwater Sustainability Agency that the existing \$38 per acre foot groundwater extraction fee shall be reduced as follows:

1. The existing \$38 per acre foot groundwater extraction fee shall be reduced to \$12 per acre foot and such reduced fee shall be levied on all groundwater extracted from within the Agency boundary. Commercial water users using 1.5 acre feet or less in a year per well and domestic water users using 2.0 acre feet or less in a year per well are deemed to be de minimis users and exempt from this fee.

2. The 2023 Groundwater Extraction Fee Report (Report) on which this reduction is based is attached as **Exhibit A** and incorporated herein by reference. The Report is approved and adopted, and Agency staff is directed to comply with its provisions.

3. The Board makes the following findings, based upon the testimony and evidence (including exhibits) presented at the public hearing on the fee reduction:

- (a) Revenues derived from the groundwater extraction fee will not exceed the costs of Agency's groundwater sustainability program.

- (b) Revenues derived from the groundwater extraction fee shall not be used for any purpose other than that for which the groundwater extraction fee is imposed.

PASSED, APPROVED, AND ADOPTED this 3rd day of May 2023.

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Cory Bantilan, Board Chair

ATTEST:

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James M. Beck  
Executive Director



**DRAFT**

# FY 2023-2024 GROUNDWATER EXTRACTION FEE REPORT

CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY

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## SECTION 1 – ACRONYMS

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AF	Acre-feet
CBGSA	Cuyama Basin Groundwater Sustainability Agency
GSA	Groundwater Sustainability Agency
GSP	Groundwater Sustainability Plan
SGMA	Sustainable Groundwater Management Act

## SECTION 2 – DEFINITIONS

---

### **De Minimis User – Commercial**

Uses 1.5 acre-feet or less in a year per well. De minimis users do not have to pay a fee.

### **De Minimis User – Domestic (Non-Commercial)**

Uses 2 acre-feet or less in a year per well. De minimis users do not have to pay a fee.

## SECTION 3 – CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY BACKGROUND

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The Cuyama Basin Groundwater Sustainability Agency (CBGSA) was formed in 2017 under the Sustainable Groundwater Management Act (SGMA) to develop and implement a Groundwater Sustainability Plan (GSP). The purpose of the GSP is to achieve groundwater sustainability for the Cuyama Basin by 2040. The CBGSA is governed by an 11-member board with representatives from the four counties that intersect the Basin (Kern, Santa Barbara, San Luis Obispo, and Ventura), the Cuyama Community Services District, and the Cuyama Basin Water District.

## SECTION 4 – ESTABLISHING A FEE

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Water Code section 10730 authorizes Groundwater Sustainability Agencies (GSAs) to establish a groundwater extraction fee to fund, among other things, the costs of a groundwater management program, including administration of a GSP. The CBGSA has set the fee over the Fiscal Year 2023-2024 period and is based on (i) the CBGSA’s draft budget and cash flow for Fiscal Year 2023-2024; and (ii) 2022 water use.

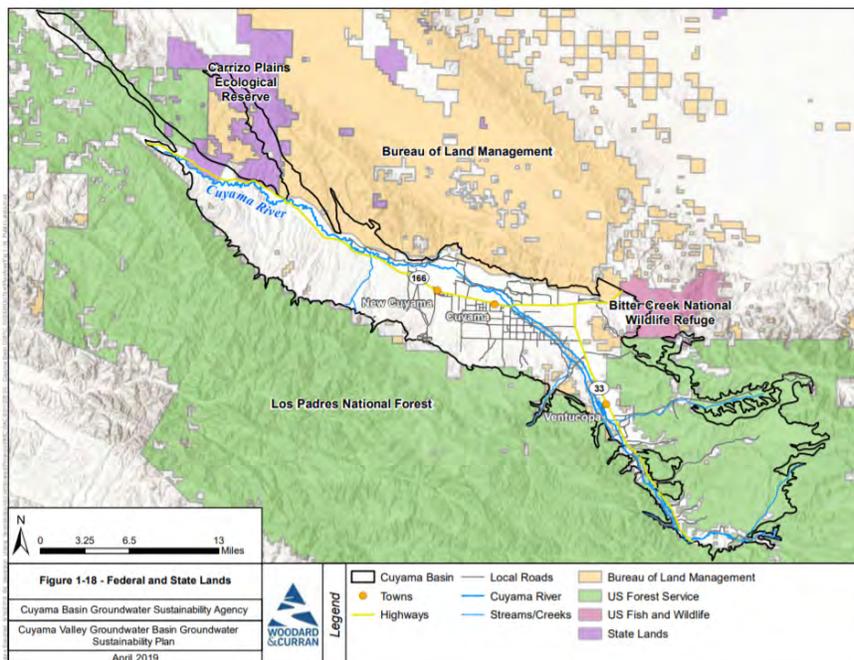
### **Section 4.1 – Definition of an “Extractor”**

An extractor is defined as a pumper of groundwater within the Cuyama Basin groundwater basin boundary as defined by California Department of Water Resources’ Bulletin 118 (see Figure 1 below). The below groups are not considered extractors:

#### **Exclusions:**

- De minimis user – Wells that use 1.5 acre-feet or less per year for commercial purposes, or wells that use less than 2 acre-feet per year for residential purposes. De minimis users do not have to pay a fee.
- State and federal lands – Non-commercial water use on State and federal lands. Well use on State and federal lands do not have to pay a fee.

FIGURE 1 – GROUNDWATER BASIN IN CUYAMA



#### Section 4.2 – Fee Basis

The proposed reduction of the groundwater extraction fee is based on the CBGSA's fiscal year budget and cash flow. The budget and cash flow for Fiscal Year 2023-2024 will be presented for consideration of adoption at the May 3, 2023 regular meeting of the CBGSA Board of Directors. The draft budget for Fiscal Year 2023-2024 totals \$5.291 million. \$4.80 million represents costs reimbursable by through the California Department of Water Resources Sustainable Groundwater Management Act Implementation Grant and \$488,896 represents costs not reimbursable by the grant. The draft budget for Fiscal Year 2023-2024 is attached hereto as Exhibit "A." While the current budget total is subject to change, CBGSA does not anticipate the total budget amount to exceed \$5.29 million.

Water use was based on user-reported metered data from 2022. For small pumpers (water users using less than 25 acre-feet annually) not required to install meters, they reported water use based on evapotranspiration crop factors developed by a Cal Poly Irrigation Training & Research Center (ITRC) as shown in Forms I and M included as Exhibit B including a conversion factor to estimate the gross water use consistent with the metered data reporting. The 2022 water use estimate totals 42,500 acre-feet and is used as the basis for the reduction of this fee.

#### Fee Recommendation

**Based on (1) the Fiscal Year 2023-2024 budget and cash flow, and (2) user-reported 2022 water use data, the CBGSA recommends a reduction of the basin-wide groundwater extraction fee to \$12 per acre-foot.**

## Section 5 – ADMINISTRATION OF FEE

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### Section 5.1 – Invoices

Invoices and instructions for payment will be sent to water users in May 2023 and will be based on the 2022 water use previously reported by Cuyama extractors. If payments are not received by the due date of June 30, 2023, a past due notice will be mailed in July 2023 and late penalties will apply (see section 6 below).

### Section 5.2 – Schedule/Reporting period

The below schedule outlines the groundwater extraction fee process:

<b>May 3, 2023</b>	Fiscal Year Budget Adopted and Public Hearing to Establish Fee
<b>May 13, 2023</b>	Invoices and Forms are Mailed Out
<b>May-June 2023</b>	Payment Collection Period
<b>June 30, 2023</b>	Payment Due Date
<b>July 1, 2023</b>	Late penalties assessed (10% and then 1% per month)

## SECTION 6 – PENALTIES

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Well owners will be charged a 10 percent penalty after the June 30, 2023 due date with an escalation rate of 1 percent for each month late after the initial due date.

# Exhibit A

## FISCAL YEAR 2023-2024 BUDGET AND CASH FLOW

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## DRAFT CBGSA FISCAL YEAR 2023-2024 BUDGET

A	B
CATEGORY	FY 23-24
<b>A HALLMARK GROUP</b>	
1 CBGSA Board of Directors Meetings	\$ 111,397
2 Consultant Management and GSP Implementation	\$ 73,351
3 Financial Information Coordination	\$ 51,357
4 Cuyama Basin GSA Outreach	\$ 10,721
5 Annual Groundwater Extraction Fee	\$ 5,562
6 Prepare 5-Year GSP Update	\$ 18,217
7 Central Management Area Support	\$ 11,768
8 Adjudication Discussions	\$ 1,935
9 Enforcement for Un-reported Water User	\$ 25,400
10 Well Permit Review	\$ 2,000
11 Other Direct Charges (Mileage, conference lines, copies)	\$ 5,694
Subtotal	<b>\$ 317,400</b>
<b>B LEGAL</b>	
1 General Legal Counsel	\$ 200,000
Subtotal	<b>\$ 200,000</b>
<b>C ADMIN</b>	
1 Audit (FY 22-23)	\$ 10,000
2 Insurance (D&O, General Liability)	\$ 16,603
3 California Association of Mutual Water Co. Membership	\$ 200
4 Contingency	\$ 20,000
Subtotal	<b>\$ 46,803</b>
<b>D WOODARD &amp; CURRAN &amp; TECHNICAL</b>	
1 Grant Proposals	\$ 42,000
2 Stakeholder/Board Engagement	
3 SAC meetings	\$ 27,000
4 Board meetings	\$ 40,000
5 Board Ad-hoc calls	\$ 16,000
6 Tech Forum calls (new item)	\$ 16,000
7 Public Workshops	\$ 33,000
8 Outreach	
9 General, Newsletter Development, etc.	\$ 15,000
10 Website Updates - Maintenance / Hosting	\$ 6,667
11 Website Redesign	\$ 9,000
12 Well Permit Review	\$ 12,000
13 Support for DWR Technical Services (TSS) and Enforce Well Pumps	\$ 16,000
14 GSP Implementation Support	
15 GSP Implementation Program Management	\$ 60,000
16 GW Levels and GWQ Monitoring Network Coordination and Data Mgmt - W&C	\$ 20,000
17 DMS Ongoing Maintenance and Enhancements	\$ 25,000

CATEGORY		FY 23-24
18	Support for Adaptive Management of Groundwater Levels	\$ 50,000
19	Prepare Annual Report for Cuyama Basin	\$ 45,000
20	Meter Implementation - Ongoing Support	\$ 10,000
21	Grant Admin (SGM Round 1)	\$ 100,000
22	Perform Monitoring and Monitoring Network Enhancements	
23	Install Piezometers for GW-SW and GDE Monitoring	\$ 30,000
24	Driller Cost	\$ 165,000
25	Install Dedicated Monitoring Wells	\$ 248,000
26	Driller Cost	\$ 2,000,000
27	Improve Understanding of Basin Water Use	
28	Perform updated land use survey	\$ 15,000
29	Perform river channel survey	\$ 35,000
30	Enhance existing CIMIS station & implement new stations	\$ 52,000
31	Project & Management Action Implementation	
32	CBWRM model update and re-calibration	\$ 200,000
33	Incorporate AEM data into model update	\$ 90,000
34	Pumping allocation implementation	\$ 50,000
35	Analysis of management action implementation options	\$ 96,000
36	Precipitation enhancement feasibility study	\$ -
37	Flood and Stormwater Capture - water rights analysis	\$ 55,000
38	GSP Implementation, Outreach, and CBGSA Management	
39	Outreach - domestic well owners	\$ -
40	5-year GSP update	\$ 688,450
41	Fault Investigation (cost under development)	\$ 330,000
	Subtotal	\$ <b>4,597,117</b>
<b>E</b>	<b>OTHER TECHNICAL</b>	
1	Quarterly GW Levels and Piezometer Monitoring (Contractor TBD)	\$ 43,000
2	Annual WQ Monitoring (Contractor TBD)	\$ 25,000
3	Annual Stream Gauge Maintenance (USGS)	\$ 56,650
	Subtotal	\$ <b>124,650</b>
	Grant Funded	\$ 4,797,073
	CBGSA Funded (non grant-eligible costs)	\$ 488,896
	<b>TOTAL</b>	\$ <b>5,285,969</b>

**PROJECTED FISCAL YEAR 2023-2024 CASH FLOW**

Month	Beginning Cash	Expenses						Revenues		Projected Ending Cash Balance	
		Hallmark Group	Legal	W&C & Technical	Other Technical Monitoring, etc.	Non Grant Reimb Exp	Total Expenses	Cash Disbursements for Expenses	DWR SGM Grant		GW Extraction Fee (memo only)
	-								510,000		
July-23	2,220,672	23,692	16,667	349,010	10,388	40,741	440,497	350,000		-	1,870,672
August-23	1,870,672	23,692	16,667	349,010	10,388	40,741	440,497			-	1,870,672
September-23	1,870,672	23,692	16,667	349,010	10,388	40,741	440,497	880,995		-	989,677
October-23	989,677	23,692	16,667	349,010	10,388	40,741	440,497		663,166	663,166	1,652,843
November-23	1,652,843	23,692	16,667	349,010	10,388	40,741	440,497	880,995		-	771,848
December-23	771,848	23,692	16,667	349,010	10,388	40,741	440,497			-	771,848
January-24	771,848	23,692	16,667	349,010	10,388	40,741	440,497	880,995	1,079,341	1,079,341	970,195
February-24	970,195	23,692	16,667	349,010	10,388	40,741	440,497			-	970,195
March-24	970,195	23,692	16,667	349,010	10,388	40,741	440,497	880,995		-	89,200
April-24	89,200	23,692	16,667	349,010	10,388	40,741	440,497		1,079,341	1,079,341	1,168,541
May-24	1,168,541	23,692	16,667	349,010	10,388	40,741	440,497	880,995		-	287,547
June-24	287,547	23,692	16,667	349,010	10,388	40,741	440,497			-	287,547
<b>Total</b>		<b>284,306</b>	<b>200,000</b>	<b>4,188,117</b>	<b>124,650</b>	<b>488,896</b>	<b>5,285,969</b>	<b>4,754,974</b>	<b>2,821,849</b>		<b>2,821,849</b>

Draft  
FY 23-24  
Fee  
\$ 12

Exhibit B  
CROP FACTORS

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# Form I IRRIGATOR

WATER USE ESTIMATE WORKSHEET – 2022  
Cuyama Basin Groundwater Sustainability Agency

Name \_\_\_\_\_  
 Billing Address \_\_\_\_\_  
 Phone / Email \_\_\_\_\_

**Instructions:**

1. For 2022, input crop name(s)<sup>1</sup> in column A, the parcels those acres are farmed on in column B, the irrigated acres in column C, and the corresponding crop factors from the attached Exhibit C-1 in column D.
2. Multiply acres (column C) by the crop factor (column D) and input result in column E.
3. Total the acre-feet from column E in row 2.
4. Convert net water use (from row 2) to gross water use by multiplying total acre-feet from row 2, column E by the gross factor in row 3, column E and insert in row 4, column E.

	A	B	C	D	E
	Crop Name	Assessor Parcel Number(s) (APN) <sup>2</sup>	Acres	Crop Factor	Water Use (acre-feet)
1				X	=
				X	=
				X	=
				X	=
				X	=
				X	=
				X	=
				X	=
				X	=
				X	=
				X	=
2	Total Acre-feet (sum column E)				
3	Gross Conversion Factor				1.52
4	Total Gross Water Use				

<sup>1</sup>If you have metered water use that is less than the crop factors, you can report metered water use.  
<sup>2</sup>Cropping location information may be provided separately from this form. Please contact Taylor Blakslee at 661-477-3385, or [tblakslee@hgcpm.com](mailto:tblakslee@hgcpm.com) for any questions.

## Exhibit I-1 – Crop Factors

### Source Information

Crop Factors are evapotranspiration (ET) values from California Polytechnic State University's Irrigation Training and Research Center (ITRC) California Crop and Soil Evapotranspiration Report (Crop Report), ITRC Report No. R 03-001 accessible at [www.itrc.org/reports/pdf/californiacrop.pdf](http://www.itrc.org/reports/pdf/californiacrop.pdf).

The below values were calculated using ET reference averages for zone 10 from the Crop Report (see below figure).



### Avg Annual Reference ET by Zone (inches/yr)

Zone	Total
1	33.0"
2	39.0"
3	46.3"
4	45.5"
5	43.9"
6	49.7"
7	43.4"
8	49.4"
9	55.1"
<b>10</b>	<b>49.1"</b>
11	53.0"
12	53.3"
13	54.3"
14	57.0"
15	57.0"
16	62.5"
17	66.5"
18	71.3"

### Crop Factors

Crop	ET	Crop	ET
Alfalfa Hay	4.02	Melon, Radish, Squash, & Cucumbers	1.62
Alfalfa Seed, Sudan	3.60	Olives, Mature	3.27
Almonds	3.32	Olives, Deficit	2.58
Apples <sup>1</sup> (Drip)	2.50	Onions and Garlic	1.99
Apples, Pear, Cherry, Plum, and Prune	3.33	Permanent Pasture	3.93
Barley Wheat, Oats	1.97	Pistachios	2.99
Blackeyed Peas	1.97	Potatoes	3.00
Carrots	2.20	Rootstock	2.23
Corn	2.43	Sorghum Grain	2.43
Cotton	2.70	Sugar Beets	2.70
Citrus	3.45	Tomatoes	2.20
Grapes with 40% cover crop	1.56	Walnuts	3.53
Grapes with 60% cover crop	2.02	Cannabis <sup>2</sup>	TBD
Grapes with 100% cover crop	2.24	Hemp <sup>3</sup>	TBD
Lettuce	2.20		

<sup>1</sup>Value determined by local expertise in the Cuyama Valley.

<sup>2</sup>Value based on \_\_\_\_.

<sup>3</sup>Value based on \_\_\_\_.



# Form M

## MUNICIPAL & INDUSTRIAL

WATER USE ESTIMATE WORKSHEET – 2022  
Cuyama Basin Groundwater Sustainability Agency

Name \_\_\_\_\_

Billing Address \_\_\_\_\_

Phone / Email \_\_\_\_\_

**Instructions:**

1. Calculate water use by inputting units used for municipal & industrial water use in column B (see Exhibit M-1 below to calculate units) for the appropriate corresponding water use categories found in column A.
  - a. Multiply units used (column C) by the water consumption factor in column D and input result in column E.
  - b. Total the gallons from column E and convert to acre-feet on row 13.

	A	B	C	D	E	
	Type of Use	Water Use Location (APN, lat/long, or address)	Units Used	Water Consumption Factor (Gal)	Water Use (Gal)	
1	Chicken Ranches		X	3,532	=	
2	Livestock Drinking Water No. of cows, bulls and horses No. of stockers No. of sheep and goats		X	5,520 2,760 1,100	=	
3	Hotels No. of rooms		X	46,000	=	
4	Office Buildings; including Churches No. of offices		X	38,600	=	
5	Restaurants Seating capacity		X	11,400	=	
6	Service Stations No. of stations		X	350,000	=	
7	Stores Sq ft of building		X	50	=	
8	Trailer Court Avg no. of people		X	36,800	=	
9	Elementary Schools No. of students x No. of school days		X	80	=	
10	Junior & Senior High Schools, Colleges and Churches No. of students x No. of school days		X	160	=	
11	Watered Land; non-ag No. of acres		X	5	=	
12	Total Gallons (sum column D and/or E)					
13	Convert to Acre-feet (Row 12/325,850)					

## Exhibit M-1 – Unit(s) Calculations

**Unit Calculation**

	Type of Use	Units Used
1	Chicken Ranches	Avg number of units of 100 chickens on hand for the reporting period.
2	Livestock Drinking Water	Average number of livestock on hand for the reporting period (drinking water only). Amounts derived from NDSU Extension Service report from July 2015 entitled "Livestock Water Requirements."
3	Hotels	Total number of rooms.
4	Office Buildings; including Churches	Total number of offices in building, or offices served.
5	Restaurants	Total number of seats including seats at the counter, chairs, stools, benches and patio seating.
6	Service Stations	Number of stations served.
7	Stores	Square feet of any store, supermarket or shop. Calculation includes employee, customer and maintenance water use.
8	Trailer Court	Average number of people in the trailer court.
9	Elementary Schools	Total number of students, faculty, custodians, and maintenance staff multiplied by the number of school days. If there was non-ag watered land input amount in row 11.
10	Junior & Senior High Schools and Churches	Total number of students, faculty, custodians, and maintenance staff multiplied by the number of school days. If there was non-ag watered land input amount in row 11. For churches, figure total hours and divide by 8 to determine number of "school days."
11	Watered Land; non-ag	All lands, ornamental plants, shrubs, etc., watered but not qualifying for agricultural rate.