



# CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY

## BOARD OF DIRECTORS MEETING

### Board of Directors

**Cory Bantilan** Chair, Santa Barbara County Water Agency  
*Vacant* 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** Cuyama Basin Water District

### AGENDA

May 1, 2024

Agenda for a meeting of the Cuyama Basin Groundwater Sustainability Agency Board of Directors to be held on Wednesday, May 1, 2024, 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/1nxwv> or by going to Microsoft Teams, downloading the free application, then entering Meeting ID: 224 192 969 900 Passcode: jVHbgy or enter or telephonically at (469) 480-3918 Phone Conference ID: 956 062 525#.

#### Teleconference Locations:

4689 CA-166 New Cuyama, CA 93254	105 E. Anapamu St. Santa Barbara, CA 93101	4304 Onyx Court, Bakersfield, CA 93308
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The order in which agenda items are discussed may be changed to accommodate scheduling or other needs of the Board or Committee, the public, or meeting participants. Members of the public are encouraged to arrive at the commencement of the meeting to ensure that they are present for discussion of all items in which they are interested.

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

1. Call to Order (Bantilan) (1 min)
2. Roll Call (Blakslee) (1 min)
3. Pledge of Allegiance (Bantilan) (1 min)
4. Meeting Protocols (Blakslee) (2 min)
5. Election of Vice Chair (Bantilan) (3 min)
6. Standing Advisory Committee Meeting Report (Kelly) (3 min)
7. Approve Woodard & Curran Contract Change Order for Monitoring Well Installation (Blakslee/Van Lienden) (5 min)

### 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.*

8. Approve March 6, 2024, Meeting Minutes (Bantilan) (1 min)
9. Approve Payment of Bills for February and March 2024 (Blakslee) (1 min)
10. Approve Financial Reports for February and March 2024 (Blakslee) (1 min)

#### 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.*

11. Groundwater Sustainability Plan Implementation
  - a) Discuss and Take Appropriate Action on the Fiscal Year 2024-2025 Budget and Cash Flow (Blakslee) (10 min) **[Supermajority Vote Required: 75%]**
  - b) Discuss and Take Appropriate Action on Strategy for Setting Future Groundwater Extraction Fees (Blakslee) (10 min)
  - c) Discuss and Take Appropriate Action on Consultant Task Orders for Fiscal Year 2024-2025 (Blakslee) (5 min)
  - d) Discuss and Take Appropriate Action on Data Management System Update Options (Van Lienden) (5 min)
  - e) Discuss and Take Appropriate Action on Website Update Options (Blakslee/Van Lienden) (5 min)
12. Groundwater Sustainability Plan Amendment Components
  - a) Update on GSP Component Schedule (Blakslee/Van Lienden) (5 min)
  - b) Authorize 90-Day Notice to Cities and Counties for an Amendment to the GSP and Set a Public Hearing on November 6, 2024 (Beck/Hughes) (5 min)
  - c) Discuss and Take Appropriate Action on Project and Management Action Options (*Continued Discussions*) (Blakslee/Van Lienden) (30 min)
  - d) Discuss and Take Appropriate Action on Basin-Wide Water Management (Beck/Van Lienden) (75 min)
  - e) Discuss and Take Appropriate Action on GSP Draft Chapters: **[Final Discussion]** (Beck/Van Lienden) (15 min)
    - i. Chapter 3. Undesirable Results
    - ii. Chapter 5. Sustainability Management Criteria

#### REPORT ITEMS

13. Administrative Updates
  - a) Report of the Executive Director (Blakslee) (5 min)
  - b) Report of the General Counsel (Hughes) (5 min)
14. Technical Updates
  - a) Update on Fault Investigation Study (Van Lienden) (30 min)
  - b) Update on the Water Resources Model (Van Lienden) (10 min)
  - c) Update on Groundwater Sustainability Plan Activities (Van Lienden) (5 min)
  - d) Update on Grant-Funded Projects (Van Lienden) (5 min)
15. Report of Ad Hoc Committees (1 min)
16. Directors' Forum (1 min)
17. Public Comment for Items Not on the Agenda (5 min)



- 18. Correspondence (1 min)

**PUBLIC HEARING**

- 19. **PUBLIC HEARING** – Groundwater Extraction Fee (4:30 p.m.) (15 min)
- 20. Consider for Approval Resolution No. 2024-051 Setting a Groundwater Extraction Fee for Fiscal Year 2024-2025 and Authorize Invoicing of Landowners (Beck/Hughes) (5 min) **[Supermajority Vote Required: 75%]**

**CLOSED SESSION**

- 21. Conference with Legal Counsel – Existing Litigation (15 min)  
Pursuant to Government Code section 54956.9(d)(1)
  - (a) Bolthouse Land Company, LLC, et al v. All Persons Claiming a Right to Extract or Store Groundwater in the Cuyama Valley Groundwater Basin (BCV-21-101927)
- 22. Adjourn (6:47 p.m.)

## CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY

**2024 Board Ad hocs**

<b>1</b>	<b>GSP Amendment</b>	Albano Paulding Williams, Das Wooster Yurosek
<b>2</b>	<b>Basin-Wide Water Management Policy</b>	Anselm Bantilan Williams, Deborah Yurosek
<b>3</b>	<b>Central Management Area Policy</b>	Anselm Bantilan Vickery Williams, Deborah Wooster
<b>4</b>	<b>Grant-Funded Items</b>	Albano Vickery Williams, Das Williams, Deborah
<b>5</b>	<b>Unknown Extractors</b>	Anselm Vickery

**Tech Forum Participants**

<b>Participants</b>	<b>Entity</b>	<b>Representing</b>
Neil Currie	Cleath-Harris	Grapevine Capital
Matt Klinchuch	Cuyama Basin Water District	Cuyama Basin Water District
Jeff Shaw John Fio Karthik Ramesh	EKI	Cuyama Basin Water District
Matt Young Matt Scrudato	Santa Barbara County Water Agency	Santa Barbara County
Bianca Cabera Steve Johnson Jeff Helsley	Stetson Engineers	Sunrise Olive



TO: Board of Directors  
Agenda Item No. 7

FROM: Taylor Blakslee, Hallmark Group

DATE: May 1, 2024

SUBJECT: Approve Woodard & Curran Contract Change Order for Monitoring Well Installation

**Recommended Motion**

Approve Task Order No. 11 for Woodard & Curran for an amount not to exceed \$177,698.

**Discussion**

During the installation of grant-funded monitoring wells, un-budgeted costs for ensuring traffic safety at drill sites were encountered for several wells. The total anticipated costs for these activities is \$177,698.

A detailed description of these costs is provided as Attachment 1, and the corresponding task order with Woodard & Curran, which provides the mechanism for paying these costs, is provided as Attachment 2 for consideration of Board approval.



**TO: CBGSA Board of Directors**

**FROM: Woodard & Curran**

**DATE: May 1, 2024**

**RE: Request for Amendment to Woodard & Curran Task Order No. 11**

The grant agreement between the Cuyama Basin Groundwater Sustainability Agency (CBGSA) and the California Department of Water Resources includes a task for the installation of multi-completion monitoring wells and piezometers within the Cuyama Basin. With the budget allocated for this task, Woodard & Curran and the CBGSA's drilling contractor BC2 Environmental will install six multi-completion monitoring wells and three piezometers. Within the grant budget, the total amount allocated for BC2 Environmental to drill and construct these wells is \$2,165,000. As shown in Table 1 below, we currently estimate that the actual cost for BC2 Environmental will be \$2,020,276.25, \$144,723.75 below the budgeted amount.

**TABLE 1: SUMMARY OF DRILLING CONSULTANT COSTS**

<b>Category</b>	<b>Amount</b>
Cost through March 2024	\$920,276
Estimated Cost for April-June 2024	\$1,100,000
Total Projected Cost:	<b>\$2,020,276</b>
Grant Budget:	<b>\$2,165,000</b>
Projected Unused Grant Budget:	<b>\$144,724</b>

Because three of the multi-completion wells are located within the right-of-way of public roadways, it was necessary to obtain encroachment permits from Santa Barbara County and the California Department of Transportation (Caltrans). These permits require a licensed contractor to provide traffic control to ensure safety on these public roadways during construction of these wells. Because of the need to maintain schedule for the construction of the monitoring wells, the most expedient option for contracting with the traffic control contractor was to bring them onto the Woodard & Curran contract as a subcontractor.

As shown in Table 2, the estimated cost for the traffic control subcounty and contractor is \$177,698.00. This includes \$118,298.00 for work already performed at two locations, and an estimated \$59,400.00 to perform these services at a third location. This is an additional cost that was not accounted for in the grant budget; however, since it is a required activity per the Caltrans permits for construction of the monitoring wells it should be reimbursable under the overall grant budget. Furthermore, the locations of these monitoring wells will provide valuable new information to the CBGSA, which we believe makes this cost worth the investment.

**TABLE 2: SUMMARY OF TRAFFIC CONSULTANT COSTS**

Title	Title
Cost through March 2024	\$118,298
Estimated Cost for April-June 2024	\$59,400
Total Projected Cost:	<b>\$177,698</b>

Of the total traffic control subcontractor cost of \$177,698, it is estimated that \$144,724 can be offset by savings in the grant funding for the drilling contractor. With other projected cost savings on the overall grant budget, we believe that it is likely that the additional \$32,974 will also ultimately be reimbursable by the grant as well.

Therefore, Board approval of an amendment to the Woodard & Curran contract for \$177,698 is requested.

**AMENDMENT TO 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 1, 2024.**

This Task Order Amendment 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 Amendment 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 following additional Services in addition to those included in Task Order No. 11:

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

*Subtask 3.4 – Perform Traffic Control Services for Monitoring Well Installation*

The Contractor will contract with Bess Testlab, Inc. or other similar subcontractor to perform traffic control services at monitoring well installation locations, where required by permits issued by Santa Barbara County and Caltrans.

**Schedule:**

Consultant shall perform the Services under the same schedule as specified in Exhibit A of Task Order No. 11.

**Compensation:**

For all Services duly rendered hereunder, Client shall pay Consultant in accordance with the Rate Table; and for Reimbursable Expenses. This Task Order No. 11 amendment will increase the allowable compensation for Task Order No. 11 by \$177,698 as detailed in the attached budget, to a revised total of \$2,616,815.

Designated Project Representative

**Client:** Jim Beck

**Consultant:** Brian Van Lienden

**Effective date:** May 1, 2024

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 \_\_\_\_\_

Cuyama Groundwater Sustainability Agency

Fee Estimate

Amendment to 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 ODCs (3)	Total Fee
3	Ongoing Monitoring Support and Enhancements	\$345	\$335	\$225	\$250	\$180	\$200	\$150	\$150	\$113	\$130		
3.4	Perform Traffic Control Services for Monitoring Well Installation											\$177,698	\$177,698
	Subtotal Task 3:	0	0	0	0	0	0	0	0	0	0	\$177,698	\$177,698
	TOTAL	0	0	0	0	0	0	0	0	0	0	\$177,698	\$177,698



Cuyama Basin Groundwater Sustainability Agency  
Board of Directors Meeting

March 6, 2024

**Draft Meeting Minutes**

**PRESENT:**

Directors

Bantilan, Cory – Chair  
Vickery, Matt – Vice Chair  
Albano, Byron – Treasurer  
Anselm, Arne – Secretary  
Klinchuch, Matt – Alternate for Burnes, Rick  
Yurosek, Derek  
Elliot, Darcel – Alternate for Williams, Das  
Williams, Debby  
Wooster, Jane  
Zenger, Katelyn – Alternate for Scrivner, Zack

Staff

Blakslee, Taylor – Assistant Executive Director  
Van Lienden, Brian – Woodard & Curran  
Dominguez, Alex – Legal Counsel  
Hughes, Joe – Legal Counsel

**ABSENT:**

Paulding, Jimmy  
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Beck, Jim – Executive Director

**1. Call to Order**

Cuyama Basin Groundwater Sustainability Agency (CBGSA) Chair Cory Bantilan called the meeting to order at 2:01 p.m.

**2. Roll Call**

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

**3. Pledge of Allegiance**

The pledge of allegiance was led by Chair Bantilan.

**4. Meeting Protocols**

Mr. Blakslee provided an overview of the meeting protocols.

**5. Standing Advisory Committee Meeting Report**

Standing Advisory Committee (SAC) Chair Brenton Kelly provided a report on the February 29, 2024, SAC meeting and is included below:

**Standing Advisory Committee Report****Meeting Date: February 29th, 2024**

Submitted to the CBGSA Board of Directors on March 6th, 2024

By Brenton Kelly, SAC Chair

The Standing Advisory Committee met at the Cuyama Valley Family Resource Center in a hybrid format, with six committee members present in-person and two on the conference line, and one absent. GSA Staff Taylor Blakeslee and Elijah Banda were present, and they were joined by Jim Beck and Brian Van Lienden on the call with other Woodard & Curran Staff. Several members of the public were on the video conference, and two members of the public were present.

The meeting lasted 4 1/2 hours in which complex policy details were examined and opinions were shared and recommendations were made by several roll call votes and some less formal polling of positions.

**9,a) Discuss and Take Appropriate Action on Water Year 2023 Annual Report**

A brief celebration was shared for the 1000 AF from last year's record rains that made its way into Groundwater Storage for the first gain in almost 20 years. Then some helpful suggestions were made by various Committee Members to help improve the Report.

Most of the constructive suggestions focused on the Water Quality section. Suggested changes/amendments include:

- Because the Sustainable Management Criteria will be changing soon, please include a label on the Maps that present Minimum Thresholds to indicate which version of the Criteria are being presented (fig 5-4).
- All references to the MT for TDS should reference 'exceedance', not 'above or below', due to obvious confusion with groundwater elevation MT. One has a goal to stay above and the other is in exceedance (undesirable) when it's above the MT.
- The presentation of trends over time was requested, for example ES Fig. 2, Fig 2-2, Fig. 2-3, An Annual Report should reference the change over the previous years whenever possible, even with limited annual data.
- Wherever possible, the source of the data should be clearly indicated, e.g. model simulation, monitoring network, self reporting, or otherwise.
- Appendix A: Updated hydrographs for Representative Wells should include a sub-region label or a map to reference the wells location within the Basin, as they are noted in Figs. 2-12.
- Please use higher contrasting colors in maps legend for wells to make it easier to see the details being presented. Some gradations of legend colors are too close in shading, as slides 22-23.

A motion to approve the Annual Report with the recommend improvements passed unanimously

**9,c) Discuss and Take Appropriate Action on 2023 CMA Allocation Use**

Stakeholder Caufield took issue with the report. He suggested that Irrigated acres should be included as it speaks more directly to water use and potentially how it was used than parcel acres. Accompanying the report should be a discussion of adherence or departure from the allocation and the conditions that explain any significant delta.

Mr. Caufield explained it to me later this way: The report as written (subtotal) presents an average irrigation application of ~0.8 acft/ac; the 2023 allocation allowed for an average irrigation application of ~1.6 acft/ac. The report presents a significant delta (100%) between the applied and allocated water. Such a large discrepancy should be explained and not be left open to interpretation.

He recommended that Woodward and Curran present the data required to retire the question above (and similar) with the intention to request that information on future usage reports.

A motion to approve the CMA Allocation Use Report passed with one dissent from John Caufield for the reasons stated above.

**9,d) Discuss and Take Appropriate Action on Land IQ Scope to Identify Unknown Pumpers and Improve the Groundwater Model**

The SAC had a discussion on the issue of trying to find an effective methodology that can identify what is irrigated and what is not. The concern was whether this new contract with Land IQ for \$17K was going to use a different approach or different data to produce any different results. Because most of the 'purple' fields appear to be near public access roads it was felt that actual ground truthing seems more effective than remote desktop investigation and will likely eventually be required anyway.

A motion to approve the Land IQ Scope passed with one dissenting vote from Joe Haslet who thought it could be done better on the ground for less.

**10,b) Discuss and Take Appropriate Action on Project and Management Action Options**

The SAC continued to question the practicality and feasibility of some of these projects and asked if this list was still realistic. Jim said that these projects were still under evaluation and had not reached the 'no go' point, and may still provide some benefit to the basin.

A few Members felt the need for clearer time lines and responsive triggers. When would they be considered, how long would they take to enact? What is their priority? How effective has the trigger of 30% of MT exceedance been to initiate any adaptive management actions in the first 5 years of the Plan? What will change moving forward as GW elevations continue to decline and almost 30% of wells currently exceed MTs? The only response even considered was to lower the MTs.

Committee Member Furstenfeld commented that prescribed/controlled burns were suggested during earlier plan development and that they should be reconsidered as the practice has been successfully used to the benefit of the groundwater basin.

Chair Kelly asked what a 'Calibration Program for Flow Meters' would look like? It would be good to invest in the accuracy of the required infrastructure which is so integral to the accuracy of the model and the management plan.

Stakeholder Adam Lovgren suggested that a project to investigate how different farming operations impact groundwater management could be beneficial to the growers. (eg. Crop selection, irrigation technology, and conservation strategies)

**10,c) Discuss and Take Appropriate Action on Sustainable Yield Methodology**

The Committee considered how to recognize and manage overdrafted areas of the basin while acknowledging that most of the basin is not even irrigated, much less in decline.

Committee Member Haslett commented the Central Management Area is the problem area and management should only focus there. Other areas in the basin do not impact the Central Management Area.

Committee Member Jaffe commented that the sustainable yield should be calculated for the subregions, more similar to a tiered approach. Committee Member Furstenfeld agreed that it is important to concentrate on where the problem is, but also that evaluating the sustainable yield on opposite sides of the basins would be informative even if there is not an overdraft problem.

Committee Member DeBranch was in favor of a basin wide approach for sustainable yield because it is one basin that is not broken up by subbasins.

Committee Chair Kelly pointed out that there needs to be a way to look at trends of water use in all parts of the basin, while acknowledging that the major problem is within the CMA. He supports a subregion approach to evaluating the Sustainable Yield and a tiered approach to address the overdraft to the degree it is being experienced regionally.

**10,d) Discuss and Take Appropriate Action on Basin-Wide Water Management and Allocation Program Components**

The Committee shared a range of opinions, from staying with the existing CMA to Basin-wide Irrigated lands with a regional approach.

Committee Member Haslett commented on the map (your slide #432) that the green areas under 1 foot of drawdown are not being irrigated or pumped and show the effects of the CMA, not the other way around.

Committee Member Caufield observed that some of the areas that are displayed in green on the map are not irrigated and have not changed in years. Mr. Caufield continued to add that oversight and a basin level management approach would be important but tailored to where the problems are.

Committee Member DeBranch is uncertain if he would support a full tiered approach but would like to see allocation spread further than the current management area. He added that the policy should be driven by data and that all irrigated lands should be treated equally.

Committee Member Gaillard commented the basin is impacted by the CMA and a second Management Area is not needed in order to manage the region. Mr. Gillard said that his well outside of the CMA is impacted when the pumps turn on in the CMA and that his operation does not impact the CMA.

Committee Member Jaffe suggested focusing only on all irrigated lands with a nuanced approach to managing the needs of subregions.

Chair Kelly asked about why (on GSA packet pg.432) the model predicts overdraft in areas without irrigation? Mr. Van Lieden explained that water levels dropping in areas without pumping may be due to pumping elsewhere. For this reason Chair Kelly suggested management should be focused on areas with pumping and irrigation, where a drop in groundwater is actually being experienced, not just predicted by the model. And the pumping reductions should be tailored to the severity of the impact of pumping in that region.

Stakeholder Wooster pointed on the drawdown map (slide 432) to areas of her properties that show lowering GW levels without any nearby pumping to cause it. Stakeholder Carlisle expressed the need for equity outside the CMA, and supports a tiered approach looking at subregions, with a total sustainable goal in mind that takes into account the sustainable yield goals of each subregion. Stakeholder Adam Lovegrin suggested that the different regions, different crop types and irrigation differences need to be taken into account.

A poll was taken as to the preference of Potential Options for Basin Wide Management ( SAC Slide #204, but not in GSA Packet!)

Jaffe, Lewis and Kelly : Basin-wide Irrigated lands only and tiered by sub-region

Debranch and Gaillard : Basin-wide management of only Irrigated Lands

Haslett and Furstenfeld : Continue with updated CMA + farming unit

Caufield : Continue with CMA but create additional MAs where data shows it's needed

Re: Latecomers Pool:

No one on the Committee or in the public was in support of developing a Latecomers Pool.

Re: Carryover Policy

Committee Member Jaffe said a carryover policy should not be considered until the basin is at a point where it is sustainable. Furstenfeld, Lewis, Gaillard and Kelly agreed.

Committee Member DeBranch commented that carryover policies are used all over the state and can be a benefit for growers if and when it is considered.

Committee Member Caufield noted that the other GSAs that consider carryover are able to bring in surface water while the Cuyama Basin is not.

**10,e) Direction on Remaining Public Workshops**

The SAC agreed with the workshop date change and proposed topics.

The SAC discussed additional constructive feedback in an effort to improve public participation at the next workshop. The following issues were brought up.

- The Rec. Center is very noisy and hard to hear, online or in-person. Suggest returning to the high school cafeteria.
- Topics and Materials should be available ahead of time
- A simultaneous Spanish language presentation in a different space would provide equitable access. Or, if not possible, offer simultaneous interpretation, CVFRC can assist
- Educational material should be presented better before requests for policy feedback
- Consider changing the format to arrange participants in small groups, with someone at each table who can explain and answer questions about the topic presented, before a vote is requested to assess the public's preference on the items asked about.
- Offer childcare, CVFRC can assist

Respectfully submitted,  
Brenton Kelly, SAC Chair

## CONSENT AGENDA

**6-8. 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.

**MOTION**

Director Yurosek made a motion to approve the consent agenda item nos. 6-8. The motion was seconded by Director Anselm, a roll call vote was made and passed with 78%.

AYES: Albano, Bantilan, Klinchuch, Reely, Vickery, Debbie Williams, Wooster, Yurosek

NOES: None  
 ABSTAIN: None  
 ABSENT: Elliott, Zenger

**ACTION ITEMS**

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*Director Zenger joined the meeting at 2:06 p.m.*  
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**9. Groundwater Sustainability Plan Implementation**

**a. Discuss and Take Appropriate Action on Water Year 2023 Annual Report**

Mr. Van Lienden reviewed the water year 2023 annual report which is included in the Board packet. He highlighted items being updated in the annual report which is included in the Board packet.

Director Anselm asked when the annual report was due. Mr. Van Lienden replied the annual report must be submitted to the California Department of Water Resources (DWR) by April 1, 2024.

Director Albano asked what time periods are captured in the annual report. Mr. Van Lienden replied that the annual report is based on the water year, October 1, 2022, through September 30, 2023.

SAC Chair Kelly provided the SAC report on the Water Year 2023 Annual Report which is provided in the SAC report.

**MOTION**

Director Anselm made a motion to approve the Water Year 2023 Annual Report. The motion was seconded by Director Debbie Williams, a roll call vote was made and passed with 89%.

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

**b. Consider Fee Equity**

Mr. Blakslee provided an overview of the consideration for fee equity for the CBGSA for fiscal year (FY) 2024-2025.

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*Director Elliott joined the meeting at 2:09 p.m.*  
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**c. Discuss and Take Appropriate Action on 2023 Central Management Area Allocation Use**

Mr. Blakslee provided an overview of the 2023 central management area allocation use which is included in the Board packet. He also reviewed the 2023 water information and the 2023 water use report for the central management area.

SAC Chair Kelly provided the SAC report on the 2023 central management area allocation use which is provided in the SAC report.

Director Vickery asked if there were any non-reported parcels or entities that received an allocation but did not report water use. Mr. Blakslee replied approximately 1,200 AF of allocated water was not reported.

Director Yurosek asked for clarification on the non-reported pumpers included in the water use report. Mr. Blakslee replied there was a request to look at lands that were receiving an allocation and did not report but staff still needs to refine results before the findings could be shared.

Director Yurosek commented it is unfair to list landowners who reported and not list landowners who did not report.

Chair Bantilan commented we need to include non-reported landowners in the next version of the water use report.

**MOTION**

Director Yurosek made a motion to approve the 2023 central management area allocation use report with the addition of non-reported pumpers listed out in the report. The motion was seconded by Director Debbie Williams, a roll call vote was made and passed with 100%.

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

**d. Discuss and Take Appropriate Action on Land IQ Scope to Identify Unknown Pumpers and Improve the Groundwater Model**

Mr. Blakslee provided an overview of the Land IQ scope to identify unknown pumpers and improve the groundwater model which is included in the Board packet.

SAC Chair Kelly provided the SAC report on the Land IQ scope to identify unknown pumpers and improve the groundwater model which is provided in the SAC report.

Director Reely asked which staff would be conducting the field visits if this scope of work was approved. Mr. Blakslee responded CBGSA staff would likely do the field visits.

Director Albano asked how this information will affect the model and will historical pumping be included in the model update. Mr. Van Lienden replied allocations are only as good as the data that is available, which in this case is satellite or Land IQ data. Additional data will help improve the groundwater model.

Director Wooster asked what has the basin learned if we are not able to examine well history data. Mr. Van Lienden replied because we are able to examine groundwater data for the last two years the model is able to make predictions using that data.

Director Anselm asked what is required from the Board on this item. Mr. Blakslee replied we need Board approval on the Land IQ scope.

**MOTION**

Director Anselm made a motion to approve the Land IQ scope to identify unknown pumpers and improve the groundwater model. The motion was seconded by Director Debbie Williams, a roll call vote was made and passed with 100%.

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

**e. Discuss and Take Appropriate Action on a 5-Year Agreement with USGS for Stream Gauge Operation and Maintenance Costs**

Mr. Blakslee provided an overview of the 5-year agreement with The United States Geological Survey (USGS) for stream gauge operation and maintenance costs which is included in the Board packet.

Director Anselm asked if the stream gauges are identified as monitoring points in the monitoring network. Mr. Van Lienden replied yes.

Chair Bantilan asked where is the data captured from the stream gauges stored. Mr. Blakslee replied the USGS stores the data internally.

Director Reely asked is the data publicly available. Mr. Blakslee replied yes, through the USGS data viewer.

Chair Bantilan commented this information should be linked on the county website.

Director Zenger asked about the termination clause within the agreement. She added it is important to add a termination clause if the work is not being performed to a satisfactory rate the agreement can be terminated without notice. Mr. Blakslee replied this is a very standard agreement from the USGS, if the language needs to be added in order to approve the agreement CBGSA staff can take it back to the USGS for consideration.

Director Wooster asked if staff need to physically check stream gauges. Mr. Blakslee replied yes, every time there is a storm event staff members check and move gauges to ensure accuracy.

**MOTION**

Director Anselm made a motion to approve the 5-year agreement with USGS for stream gauge operation and maintenance costs. The motion was seconded by Director Albano, a roll call vote was made and passed with 89%.

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

**10. Groundwater Sustainability Plan Amendment Components**

**a. Update on GSP Component Schedule**

Mr. Blakslee provided an overview of the groundwater sustainability plan (GSP) components schedule which is included in the Board packet.

Director Reely asked if the work Land IQ will be performing will be included in the upcoming workshops. Mr. Van Lienden replied the data Land IQ will be providing will not be available in time for the workshops but the data will be refined and brought back for Board review. The model update will be available for the workshop and Land IQ data will be incorporated into the next annual report.

**b. Discuss and Take Appropriate Action on Project and Management Action Options**

Mr. Van Lienden provided an overview of project and management action options which is included in the Board packet.

Director Debbie Williams commented she knows of two dry wells near New Cuyama that have not been reported.

SAC Chair Kelly provided the SAC report on the project and management action options which is provided in the SAC report.

Director Wooster asked what the groundwater level response time is and is the model able to predict that. Mr. Van Lienden replied groundwater level changes are dependent on

numerous basin conditions.

Director Vickery asked as we continue on the glide path groundwater levels will continue to decrease but at which point do water levels increase. Mr. Van Lienden replied the model may not be best at examining temporal effects.

Chair Bantilan asked general counsel how many hours would it take to do an analysis of water rights for the CBGSA. General Counsel Hughes replied we can provide a very good understanding of water rights with approximately 4-6 hours of staff time. He added the preliminary analysis should be sufficient for a basic understanding, if we plan to analysis the option further additional time and research will be needed. Chair Bantilan asked general counsel to do a preliminary analysis of water rights for CBGSA.

Director Albano commented water supply and exchanges are not a project or management action we would like to pursue at this point. Mr. Van Lienden asked what projects would directors like to explore.

Director Wooster commented controlled burns would be an interesting project and management action to explore as it is a tool that is more widely used throughout the state.

Director Vickery commented he does not favor or disapprove of controlled burns and added there are potential benefits to consider and encouraged everyone to be creative about the project and management options being considered.

Directors Bantilan, Yurosek, Anselm, and Reely were in favor of adding a flow meter calibration program and opposed the addition of controlled burns to the projects and management action options.

Directors William, Wooster, Vickery, Albano, and Zenger were in favor of adding a flow meter calibration program and controlled burns to the projects and management action options.

Director Darcel Elliott did not provide feedback.

**c. Discuss and Take Appropriate Action on Sustainable Yield Methodology**

Mr. Van Lienden provided an overview of the sustainable yield methodology which is provided in the Board packet.

SAC Chair Kelly provided the SAC report on sustainable yield methodology which is provided in the SAC report.

Chair Bantilan asked if it would be easy to change the sustainable yield approach to account for subregions in the model. Mr. Van Lienden replied it would be easy but boundaries would need to be identified in order to recalculate the sustainable yield for each subregion.

The Board agreed to use the same computational model.

**d. Discuss and Take Appropriate Action on Basin-Wide Water Management and Allocation Program Components**

Mr. Blakslee provided an overview of the basin-wide water management and allocation program components which is included in the Board packet.

SAC Chair Kelly provided the SAC report on basin-wide management and allocation program components which is provided in the SAC report.

Stakeholder Jim Wegis asked when geotechnical information for basin subregions would be available for public review. Mr. Van Lienden replied April.

Director Wooster commented she was favor of option 2a/2b pumping reductions applied basin-wide to all/gross acres and irrigated acres.

Director Vickery commented he was in favor of option 2b pumping reductions applied basin-wide to irrigated acres.

Director Debbie Williams asked when data from the fault investigation would be available. Mr. Van Lienden replied fault investigation data would be available in June or July with the model update.

Director Zenger commented a basin-wide approach would make GSP administration and updates easier.

Chair Bantilan commented he was in favor of option 3b creating additional management zones based on modeling data to cover over drafted areas outside the central management area and farming units.

Director Yurosek commented he was in favor of option 2bi pumping reductions applied basin-wide to historically irrigated lands.

Chair Bantilan commented it is not fair for historically non-irrigated lands to not have an allocation. He added they should not be allowed a typical allocation but some sort of allocation should be available.

Director Albano commented he was in favor of option 3 creating additional management areas based on modeling data to cover over drafted areas outside the central management area and farming units.

Director Burns asked for clarification on the data being used to model groundwater level change. Mr. Van Lienden replied the model uses some monitoring information as well as model data.

Director Debbie Williams commented she was in favor of option 3a and b creating additional management zones based on physical features and modeling data to cover over drafted areas outside the central management area and farming units.

Director Anselm commented it is important to look at the basin as a whole but it would not be fair to manage all areas within the basin similarly.

Director Elliot commented she was in favor of option 3b creating additional management areas based on modeling data to cover over drafted areas outside the central management area and farming units.

**MOTION**

Director Vickery made a motion to move forward with approach 2b pumping reductions applied basin-wide to all irrigated lands. The motion was seconded by Director Zenger, a roll call vote was made and failed with 18%.

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

**MOTION**

Director Yurosek made a motion to move forward with approach 2b pumping reduction applied basin-wide to all historically irrigated lands and create management areas based on hydrological and geographical differences. The motion was not seconded.

**MOTION**

Director Wooster made a motion to continue with cutbacks in the central management area while we create a water budget based on physical features and model data for the entire basin with the view of balancing water in the entire basin. The motion was seconded by Director Yurosek, a roll call vote was made and failed with 88%.

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

ABSENT: None

SAC Chair Kelly provided the SAC report on the latecomers pool which is provided in the SAC report.

Chair Bantilan commented he never considered reducing allocations for the purpose of holding it for potential latecomers. He added he was in favor of Director Vickery's idea of not automatically taking away from allocations while maintaining the possibility of asking for an allocation at a later date.

Chair Bantilan suggested tabling this discussion until after July.

Legal Counsel Hughes provided an overview of carryover which is included in the Board packet.

SAC Chair Kelly provided the SAC report on carryover which is provided in the SAC report.

Director Debbie Williams asked hypothetically, if the next year is a drought year and everyone is trying to use carryover what does that situation look like if carryovers were introduced. Director Anselm replied carryover would be used first and encourages saving in times of drought.

Director Wooster commented that she was in favor of carryover. She added you should be able to use water the next year for normal business situations that may arise.

Director Vickery commented that he was in favor of carryover. He added there are a number of factors that might affect water needs, you can also design carryovers in a fair way that does not promote overuse.

Director Yurosek commented he was in favor of carryover. He added it is an important tool when faced with drought.

Director Albano commented that he is in favor of carryover. He added CBGSA is not ready for implementation at this moment but we do need to examine all options.

**e. Direction on Remaining Public Workshops**

Mr. Blakslee provided an overview of the remaining public workshops which is included in the Board packet.

SAC Chair Kelly provided the SAC report on the remaining public workshops which is provided in the SAC report.



Director Albano commented he was in favor of changing the venue for the next workshop and asked staff to look into the high school's availability.

Director Yurosek was supportive of staff recommendations.

## REPORT ITEMS

### 11. 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.

#### c. Update on Fiscal Year 2024-2025 Budget Components

Mr. Blakslee provided an overview of the fiscal year 2024-2025 budget components which is included in the Board packet.

### 12. Technical Updates

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

Mr. Van Lienden provided an update on the accomplishments for January and February 2024 which are provided in the Board packet.

#### b. Update on Grant-Funded Projects

Mr. Van Lienden provided an update on grant-funded projects which is provided in the Board packet.

#### c. Update on January 2024 Groundwater Levels Conditions Report

Mr. Van Lienden provided an update on the January 2024 groundwater conditions report which is provided in the Board packet.

### 13. Report of Ad Hoc Committees

Nothing to report.

### 14. Directors' Forum

Director Vickery commented he is going to be stepping down from the CBGSA board and Water district board. Director Zenger asked for clarification on the election of the vice chair. Mr. Blakslee replied the Board will elect a new vice chair at their next meeting.

### 15. Public comment for Items Not on the Agenda

Nothing to report.

**16. Correspondence**

Nothing to report.

**17. Closed Session**

At 6:23 PM, the Board adjourned to closed session. At 6:39 PM, the Board returned from closed session at which time Legal Counsel reported to the public that there was no reportable action.

**18. Adjourn**

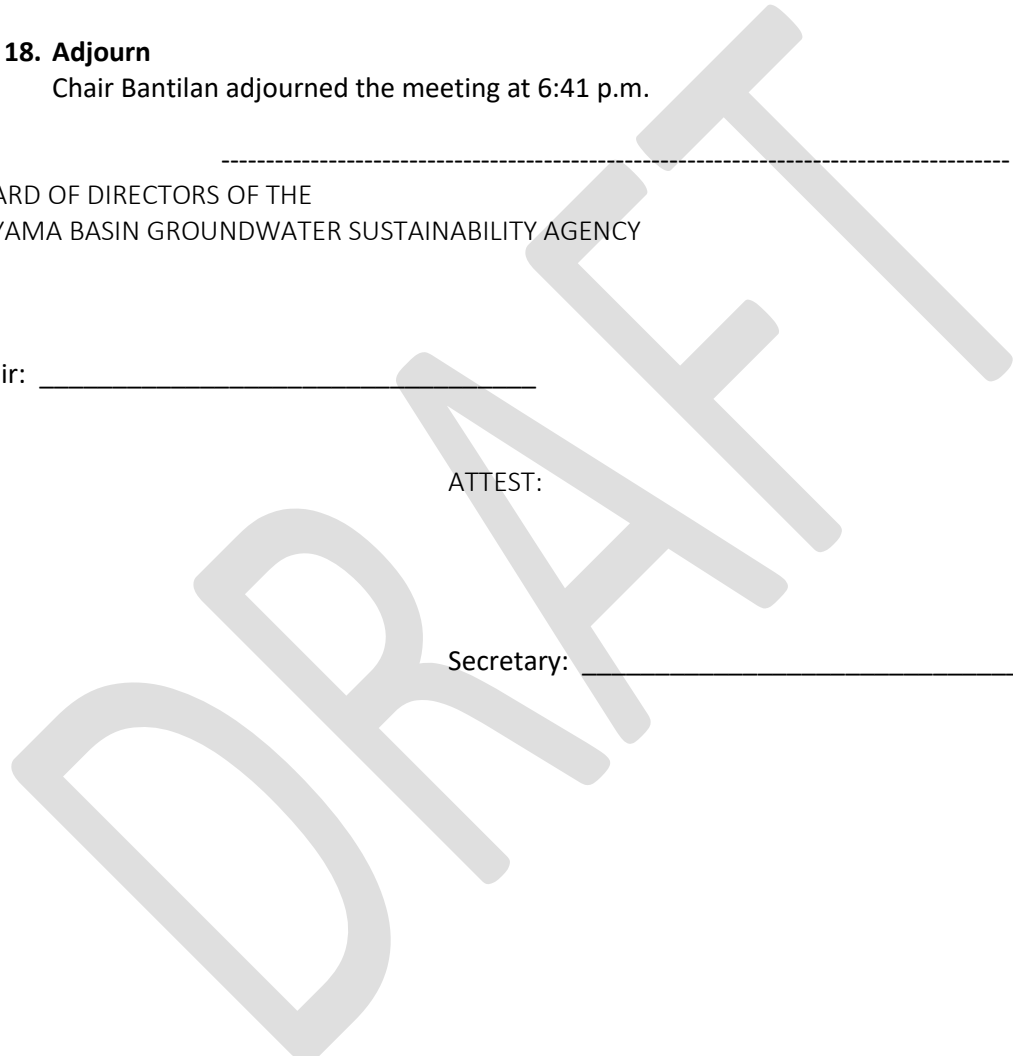
Chair Bantilan adjourned the meeting at 6:41 p.m.

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BOARD OF DIRECTORS OF THE  
CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY

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

ATTEST:

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





TO: Board of Directors  
Agenda Item No. 9

FROM: Taylor Blakslee, Hallmark Group

DATE: May 1, 2024

SUBJECT: Approve Payment of Bills for February and March 2024

### **Recommended Motion**

Approve payment of the bills for February and March 2024 in the amount of \$1,246,337.89.

### **Discussion**

Consultant invoices for the months of February and March 2024 are provided as Attachment 1 and summarized below.

Expense	December	February	March	Totals
<b>W&amp;C</b> – Technical support services	\$0.00	\$ 227,528.18	\$ 402,891.96	\$630,420.14
<b>BC2 Environmental</b> – Monitoring wells	\$0.00	\$ 203,075.00	\$ 313,720.00	\$516,795.00
<b>Hallmark</b> – Executive Director services	\$0.00	\$ 22,492.95	\$ 11,062.50	\$33,555.45
USGS - Stream gauges	\$13,150.00	\$0.00	\$ 13,150.00	\$26,300.00
<b>Klein</b> – Legal services	\$0.00	\$ 6,490.50	\$ 14,629.50	\$21,120.00
<b>P&amp;P</b> – Quarterly Groundwater levels	\$0.00	\$ 830.30	\$0.00	\$830.30
<b>Insurica</b> - Insurance	\$0.00	\$0.00	\$ 17,317.00	\$17,317.00
<b>TOTALS</b>	\$13,150.00	\$ 460,416.93	\$ 772,770.96	<b>\$1,246,337.89</b>

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

Bill #: 91156021  
Customer: 6000007725  
Date: 04/26/2024  
Due Date: 06/25/2024

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

Payer: CUYAMA BASIN GROUNDWATER  
SUSTAINABILITY  
AGENCY  
500 Capitol Mall, Suite 2350  
Sacramento CA 95814

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	
04/26/2024	Quarterly billing for cooperative water resource investigations per Joint Funding Agreement (JFA) 24ZGJFA06000040, between Cuyama Basin Groundwater Sustainability Agency and the USGS. This JFA was accepted by your agency on 3/14/2024.  Quarterly bills cover billing periods as follows: Federal FY Qtr 1 10/01/2023 - 12/31/2023 Federal FY Qtr 2 01/01/2024 - 03/31/2024 Federal FY Qtr 3 04/01/2024 - 06/30/2024 Federal FY Qtr 4 07/01/2024 - 09/30/2024 24ZGJFA06000040	1	13,150.00	1	13,150.00

Amount Due this Bill: 13,150.00

Accounting Classification:  
Sales Order: 120668  
Sales Office: GWZG  
Customer: 6000007725  
Accounting #: 11258600

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

**BC2 ENVIRONMENTAL**

1150 West Trenton Avenue  
 Orange, California 92867  
 Phone (714) 744-2990 Fax (714) 744-2991

**INVOICE****Bill to:**

Cuyama Basin Groundwater Sustainability Agency  
 C/O Hallmark Group  
 4900 California Ave.,  
 Tower B, 2nd Floor  
 Bakersfield, CA 93309

ATTN: Taylor Blakslee TBlakslee@hgcpm.com

Invoice Date: 3/12/2024  
 Invoice No.: 24-30114.1  
 BC2 Proposal #: 23-309  
 Site Address: New Cuyama, CA  
 Well Locations: **MW-C**  
 Job/Site Name: Cuyama Valley Groundwater Basin Sustainability Project  
 Monitoring Well Construction

Project Manager: Jim Strandberg Woodard & Curran  
 Site Contact: Anthony Ebron

**Payment Terms: Net 45**

**Tax I.D. Number: 83-2585853**

**Period of Performance: February 2 - 28, 2024 ( 21 work days)**

Item	Description	Unit	Quantity	Unit Price	Extension
1	Administration & General Conditions	Hours	0	\$250.00	\$0.00
2	Mobilization/Demobilization – Shallow Wells	Each	0	\$8,500.00	\$0.00
3	Daily Travel/Per Diem – Shallow Wells	Day	0	\$975.00	\$0.00
4	Drill Borehole to Total Depth	Feet	0	\$57.00	\$0.00
5	2.5-inch Sch 40 PVC Casing, Threaded Flush-Joint	Feet	0	\$28.00	\$0.00
6	2.5-inch Sch 40 PVC Screen 0.02-inch Slot, Threaded Flush-Joint	Feet	0	\$30.00	\$0.00
7	Sand Filter Pack (#2/16 Washed Silica Sand, or Equivalent)	Feet	0	\$20.00	\$0.00
8	Bentonite Seal (Chips)	Feet	0	\$18.00	\$0.00
9	Annular Seal (Neat Cement Grout)	Feet	0	\$12.00	\$0.00
10	Locking Steel Monument, Concrete Pad, Bollards	Each	0	\$1,800.00	\$0.00
10a	Flush Mount Well Box in 3ft x 3ft Wood Form	Each	1	\$900.00	\$900.00
11	Prevailing Wage – Shallow Wells	Day	0	\$2,100.00	\$0.00
12	Support Truck – Shallow Wells	Day	0	\$225.00	\$0.00
13	Forklift Drop-Off and Pick-Up	Each	0	\$385.00	\$0.00
14	Forklift Rental	Day	0	\$350.00	\$0.00
15	Fuel Surcharge - Shallow Wells	Day	0	\$285.00	\$0.00
16	COVID-19 Surcharge	Day	0	\$0.00	\$0.00
17	Estimated Sales Tax – Shallow Wells		0	\$0.00	\$0.00
18	Overtime – Shallow Wells (over 10hrs/day)	Hour	0	\$525.00	\$0.00
19	Standby Time – Shallow Wells	Hour	0	\$350.00	\$0.00
20	Per Diem – Site Walk - Project Management	Day	0	\$350.00	\$0.00
<b>Subtotal (Shallow Wells)</b>					<b>\$ 900.00</b>

**THANK YOU FOR SELECTING  
 BC2 ENVIRONMENTAL**

24-30114.1 Cuyama Basin GSA - Cuyama - Mud Rotary Site MW-C

21	Mobilization/Demobilization – Nested Wells	Each	0.5	\$18,000.00	\$9,000.00
22	Daily Travel/Per Diem – Nested Wells	Day	16	\$975.00	\$15,600.00
23	Conductor Casing	Feet	0	\$185.00	\$0.00
24	Drill Exploratory Borehole to Total Depth	Feet	555	\$80.00	\$44,400.00
25	E Log	Each	1	\$8,525.00	\$8,525.00
26	3-inch Sch 80 PVC Casing, Threaded Flush-Joint	Feet	520	\$45.00	\$23,400.00
27	3-inch Sch 80 PVC Screen 0.02-inch Slot, Threaded Flush-Joint	Feet	20	\$42.00	\$840.00
28	Sand Filter Pack (#2/16 Washed Silica Sand, or Equivalent)	Feet	60	\$43.00	\$2,580.00
29	Bentonite Seal (Chips)	Feet	430	\$50.00	\$21,500.00
30	Annular Seal (Neat Cement Grout)	Feet	510	\$38.00	\$19,380.00
31	Locking Steel Monument, Concrete Pad, Bollards	Each	0	\$2,250.00	\$0.00
32	Prevailing Wage – Nested Wells	Day	17.5	\$2,450.00	\$42,875.00
33	Support Truck/Compressor – Nested Wells	Day	16	\$575.00	\$9,200.00
34	Fuel Surcharge - Nested Wells	Each	1	\$4,875.00	\$4,875.00
35	Estimated Sales Tax – Nested Wells		0	\$0.00	\$0.00
36	Overtime – Nested Wells	Hour	0	\$675.00	\$0.00
37	Standby Time – Nested Wells	Hour	0	\$600.00	\$0.00
38	Site Security - if required	Day	0	\$575.00	\$0.00
<b>Subtotal (Nested Wells)</b>					<b>\$202,175.00</b>
39	Mobilization/Demobilization - Well Development	Each	0	\$6,000.00	\$0.00
40	Daily Travel/Per Diem – Well Development	Day	0	\$350.00	\$0.00
41	Prevailing Wage – Well Development	Hour	0	\$320.00	\$0.00
42	Overtime – Well Development	Hour	0	\$375.00	\$0.00
43	Standby Time – Well Development	Hour	0	\$195.00	\$0.00
44	Sound Panels - if required	Month	0	\$27,000.00	\$0.00
45	IDW - Soil Bins, Vac Truck, Haul & Disposal Fees	Cost + 15%	1.15	\$0.00	\$0.00
<b>Subtotal (Well Development)</b>					<b>\$0.00</b>
<b>SUBTOTAL</b>					<b>\$203,075.00</b>
<b>TAX</b>					
<b>MISC.</b>					
<b>BALANCE DUE</b>					<b>\$203,075.00</b>

<https://www.bc2env.com/client-survey>

**THANK YOU FOR SELECTING  
BC2 ENVIRONMENTAL**



# 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.:** 24CBGSA02  
**Date:** February 29, 2024  
**Agreement No.:** 201709-CB-001  
**Task Order:** CB-HG-009

For professional services rendered for the month of February 2024:

Task No.	Task Description	Personnel	Billing Classification	Hours	Rate	Amount
1	Board of Directors Meetings	J. Beck	Executive Director	10.25	\$ 350.00	\$ 3,587.50
		T. Blasklee	Project Manager	29.75	\$ 200.00	\$ 5,950.00
		E. Banda	Project Coordinator	10.25	\$ 150.00	\$ 1,537.50
<b>Total Task 1 Labor</b>						<b>\$ 11,075.00</b>
2	Consultant Mgmt and GSP Impl	J. Beck	Executive Director	1.75	\$ 350.00	\$ 612.50
		T. Blasklee	Project Manager	16.75	\$ 200.00	\$ 3,350.00
<b>Total Task 2 Labor</b>						<b>\$ 3,962.50</b>
3	Financial Information Coordination	J. Beck	Executive Director	0.00	\$ 350.00	\$ -
		J. Harris	Project Controls	12.50	\$ 250.00	\$ 3,125.00
		T. Blasklee	Project Manager	2.25	\$ 200.00	\$ 450.00
		H. Fuentes	Project Controls Coordinator	0.50	\$ 150.00	\$ 75.00
<b>Total Task 3 Labor</b>						<b>\$ 3,650.00</b>
4	CBGSA Outreach	T. Blasklee	Project Manager	1.00	\$ 200.00	\$ 200.00
<b>Total Task 4 Labor</b>						<b>\$ 200.00</b>
5	Groundwater Extraction Fee Funding	T. Blasklee	Project Manager	7.75	\$ 200.00	\$ 1,550.00
<b>Total Task 5 Labor</b>						<b>\$ 1,550.00</b>
7	Central Management Area Support	T. Blasklee	Project Manager	5.00	\$ 200.00	\$ 1,000.00
		E. Banda	Project Coordinator	0.25	\$ 150.00	\$ 37.50
<b>Total Task 7 Labor</b>						<b>\$ 1,037.50</b>
8	Adjudication Support	T. Blasklee	Project Manager	1.25	\$ 200.00	\$ 250.00
<b>Total Task 8 Labor</b>						<b>\$ 250.00</b>
9	Enforcement On Un-Reported Water Use	T. Blasklee	Project Manager	0.25	\$ 200.00	\$ 50.00
<b>Total Task 9 Labor</b>						<b>\$ 50.00</b>
<b>Total Labor</b>						<b>\$ 21,775.00</b>
Other Direct Costs (ODC)		November 2023 Mileage (J. Beck 252 mi)				\$ 165.06
		November 2023 Mileage (T. Blakslee 130 mi)				\$ 85.15
		December 2023 Mileage (T. Blakslee 130 mi)				\$ 85.15
		January 2024 Mileage (T. Blakslee 390 mi)				\$ 261.30
		February 2024 Mileage (T. Blakslee 130 mi)				\$ 87.10
<b>Total ODC</b>						<b>\$ 683.76</b>
<b>5% ODC Mark-Up</b>						<b>\$ 34.19</b>
<b>TOTAL AMOUNT DUE THIS INVOICE</b>						<b>\$ 22,492.95</b>

Maximum Contract Value and Progress Billing						
Sub Task	Contract Value	Amendments/ Change Orders	Total Committed	Previously Billed	Current Billing	Remaining Balance
CB-HG-009	\$ 311,706.00	\$ -	\$ 311,706.00	\$ 131,737.50	\$ 21,775.00	\$ 158,193.50
Other Direct Costs	\$ 5,694.00	\$ -	\$ 5,694.00	\$ 4,594.28	\$ 717.95	\$ 381.77
<b>Total</b>	<b>\$ 317,400.00</b>	<b>\$ -</b>	<b>\$ 317,400.00</b>	<b>\$ 136,331.78</b>	<b>\$ 22,492.95</b>	<b>\$ 158,575.27</b>



# CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY

## PROGRESS REPORT FOR TASK ORDER CB-HG-009

<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-009	<b>Report Period:</b>	February 1-29, 2024
<b>Progress Report Number:</b>	60	<b>Project Manager:</b>	Jim Beck
<b>Invoice Number:</b>	2024-CBGSA-02	<b>Invoice Date:</b>	February 29, 2024

## SUMMARY OF WORK PERFORMED

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

- Prepare and facilitate agenda review meetings with Standing Advisory Committee (SAC) and Board Chairs.
- Develop SAC and Board meeting packets
- Facilitate SAC meeting on February 29, 2024

### Task 2: Consultant Management and GSP Implementation

- Coordinate irrigated land use quote with Land IQ.
- Assist in development of the tech forum slides and distribute.
- Coordinate draft 5-year agreement with USGS for stream gauge operations and maintenance costs.
- Facilitate tech forum meeting on February 15, 2024.

### Task 3: Financial Information Coordination

- Billing and administration.
- Administer insurance renewal.
- Processed mail and bank deposits.
- Develop draft Fiscal Year 2024-2025 Budget.
- Review and file grant invoice No. 5.

### Task 4: Cuyama Basin GSA Outreach

- Correspondence with stakeholders on GSP components.
- Coordinate with stakeholders on modeling questions.
- Attend and workshop prep meeting with Catalyst to plan for upcoming workshops.

### Task 5: Groundwater Extraction Fee

- Track and log water use information for groundwater extraction fee.

- Correspondence with landowners on water use corrections.
- Coordinate with groundwater users regarding reporting.

#### **Task 7: Central Management Area Support**

- Coordinate meeting with the Central Management Area (CMA) Policy Ad hoc.
- Develop CMA 2023 allocation report.

#### **Task 8: Adjudication Discussions**

- Send basin information to stakeholders.
- Coordinate with legal to post adjudication documents on the website.

#### **Task 9: Enforcement of Un-Reported Water Use**

- Continue strategy development for enforcement of un-reported pumpers.

#### PLANNED OBJECTIVES FOR NEXT REPORTING PERIOD

- Prepare and facilitate SAC meeting on February 29, 2024.
- Prepare for Cuyama Basin GSA Board meeting on March 6, 2024.
- Summarize 2023 groundwater reporting.
- Develop 2023 Central Management Area Allocation Report.

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

- N/A

# PROVOST & PRITCHARD CONSULTING GROUP

455 W Fir Ave • Clovis, CA 93611 • (559) 449-2700  
www.provostandpritchard.com

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

March 20, 2024  
Project No: 03930-23-001  
Invoice No: 108396

**Project Name: Groundwater Level Monitoring (WY 2024)**

**Client Project #:**

**LVL:**

Data Reporting and correspondence for 1st quarter 2024  
completed in January.  
Project Coordination, Correspondence, Project management  
Reimbursables including mileage and lodging and equipment

**Professional Services from February 01, 2024 to February 29, 2024**

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Phase: LVL Groundwater Level Monitoring

**Labor**

	Hours	Rate	Amount
Associate Specialist	2.40	150.00	360.00
Totals	2.40		360.00
<b>Total Labor</b>			<b>360.00</b>

**Reimbursable Expenses**

Travel & Mileage			408.96
<b>Total Reimbursables</b>		<b>1.15 times</b>	<b>408.96</b>

**Total this Phase: \$830.30**

**Total this Invoice \$830.30**

# Billing Backup

Wednesday, March 20, 2024

Provost & Pritchard Consulting Group

Invoice 108396 Dated 3/20/2024

3:35:38 PM



Phase: LVL Groundwater Level Monitoring

## Labor

			Hours	Rate	Amount
Associate Specialist					
1052 - Vander Schuur, Jon	2/5/2024		1.30	150.00	195.00
1052 - Vander Schuur, Jon	2/7/2024		1.10	150.00	165.00
	Totals		2.40		360.00
	<b>Total Labor</b>				<b>360.00</b>

## Reimbursable Expenses

### Travel & Mileage

AP 66127	2/4/2024	 Business Card (4082) / 1/15/2024 Lodging: Luis Poire / Invoice: 4082 Feb 2024, 2/4/2024			167.48
AP 66127	2/4/2024	 Business Card (4082) / 1/18/2024 Cuyama Buckhorn / Invoice: 4082 Feb 2024, 2/4/2024			241.48
	<b>Total Reimbursables</b>		<b>1.15 times</b>		<b>408.96</b>

**Total this Phase: \$830.30**

**Total this Project: \$830.30**

**Total this Report: \$830.30**

Cuyama Buckhorn  
 4923 primero st  
 po box 26  
 new cuyama , ca 93254

# Check-out receipt <sup>35</sup>

Name: Luis Poire  
 Check-in: Wednesday, Jan 17, 2024  
 Check-out: Friday, Jan 19, 2024  
 Confirmation #: 4052062842  
 Invoice number: 9079  
 Invoice date: 01/19/2024

**03930-23-001-LVL** 

Unit assignment: 17

Luis Poire  
 455 W FIR AVE  
 Clovis CA 93611-0242  
 United States  
 vbravo@ppeng.com  
 T: +1 661 487 4344

Date	Description of services	Cost(USD)
01/17/2024	Unit 17: Classic Queen - Patio - Siteminder - BAR	143.79
01/18/2024	Community Impact Program : Community Impact Program	2.00
01/18/2024	Resort Fee : Resort Fee	50.00
01/18/2024	Unit 17: Classic Queen - Patio - Siteminder - BAR	157.55
Sub-total		353.34
Govt Tax		36.16
Processing Fee		15.58
STax		3.88
Total		408.96
Jan 13, 2024, MC XXXX 4082		167.48
Jan 17, 2024, MC XXXX 4082		241.48
Amount due (USD)		<b>0.00</b>

Your signature authorizes Cuyama Buckhorn to communicate with you via email or text and to charge your credit card for the full amount due.

Customer signature: \_\_\_\_\_

There will be a credit card authorization of \$100 per day taken for incidental charges upon the day of check-in.

All rooms are non-smoking (tobacco and marijuana). \$250 cleaning fee will be applied if anyone smokes within a hotel room or on their patio.

We are pleased to offer an array of food & beverage options for meals while you are on property. No outside food or beverages are permitted in public areas. No guest room or patio cooking is permitted. A \$250 fee will be applied to the credit card on file if unauthorized cooking takes place on our property.

A pet fee of \$30.00 will be applied for the entire stay. \$175 authorization upon check in will be taken for a pet cleaning fee. This fee will be returned if extra cleaning is not needed.

Any damages to property, public spaces, and or rooms due to guest, will be sole responsibility of guest.

Please know that glass and pets are not allowed in pool area.

My signature above acknowledges that I have read and understand the above policies, authorizations and fees that may be applied to my credit card.

Cuyama Buckhorn  
 4923 primero st  
 po box 26  
 new cuyama , ca 93254

# Check-out receipt <sup>36</sup>

Name: Luis Poire  
 Check-in: Wednesday, Jan 17, 2024  
 Check-out: Friday, Jan 19, 2024  
 Confirmation #: 4052062842  
 Invoice number: 9079  
 Invoice date: 01/19/2024

**03930-23-001-LVL** 

Unit assignment: 17

Luis Poire  
 455 W FIR AVE  
 Clovis CA 93611-0242  
 United States  
 vbravo@ppeng.com  
 T: +1 661 487 4344

Date	Description of services	Cost(USD)
01/17/2024	Unit 17: Classic Queen - Patio - Siteminder - BAR	143.79
01/18/2024	Community Impact Program : Community Impact Program	2.00
01/18/2024	Resort Fee : Resort Fee	50.00
01/18/2024	Unit 17: Classic Queen - Patio - Siteminder - BAR	157.55
Sub-total		353.34
Govt Tax		36.16
Processing Fee		15.58
STax		3.88
Total		408.96
Jan 13, 2024, MC XXXX 4082		167.48
Jan 17, 2024, MC XXXX 4082		241.48
<b>Amount due (USD)</b>		<b>0.00</b>

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Please know that glass and pets are not allowed in pool area.

My signature above acknowledges that I have read and understand the above policies, authorizations and fees that may be applied to my credit card.

## Progress Report



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### Cuyama Basin Groundwater Sustainability Plan Development

**Subject:** February 2024 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:** March 21, 2024

**Project No.:** 0011078.01

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This progress report summarizes the work performed and project status for the period of January 27, 2024 through February 23, 2024 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 11, issued by the CBGSA on May 2, 2023. Work previously authorized on Task Orders 1 through 10 are complete.

The progress report contains the following sections:

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

## 1 Work Performed

A summary of work performed on the project during the current reporting period is provided in Table 1.

**Table 1: Summary of Task/Deliverables Status for Task Order 11**

Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 54: FY23-24 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 Tech Forum and Policy Ad-hoc calls</li> <li>• Prepare materials for SAC and Board meetings</li> <li>• Prepare for and participate in February 29 SAC meeting</li> <li>• Updates to GSA website</li> </ul>	70%	<ul style="list-style-type: none"> <li>• Participation in future ad-hoc calls</li> <li>• Preparation for and participation in future public workshops, CBGSA Board and SAC meetings</li> </ul>
<b>Task 55: FY23-24 Grant Administration</b>	<ul style="list-style-type: none"> <li>• Coordination, budget and schedule management related to grant tasks</li> <li>• Finalization and submittal of grant invoice #5</li> <li>• Prepare documentation for DWR invoices</li> </ul>	60%	<ul style="list-style-type: none"> <li>• Prepare sixth grant invoice and submit to DWR</li> <li>• Further grant administration and invoicing</li> </ul>
<b>Task 56: FY23-24 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>• Prepare site plans and landowner agreements for well site locations</li> <li>• Managed drilling subconsultant to perform installation of multi-completion monitoring wells, including field management of drilling contractor and development of well logs</li> </ul>	55%	<ul style="list-style-type: none"> <li>• Program management, coordination and data management related to monitoring activities</li> <li>• Continue preparation of permits and agreements for well locations</li> <li>• Continued support for installation of multi-completion monitoring wells</li> </ul>



Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 57: FY23-24 Project and Management Action Implementation</b>	<ul style="list-style-type: none"> <li>• Performed updates to model data for CBWRM updates</li> <li>• Review and update of model land use and water use data</li> <li>• Compile reported pumping data and compare to model estimates</li> <li>• Develop potential future approaches for management action implementation</li> <li>• Perform analysis of historical water availability for stormwater recharge</li> </ul>	50%	<ul style="list-style-type: none"> <li>• Ongoing PMA implementation support including analysis and material preparation</li> <li>• Continue basin model update</li> <li>• Continue water rights analysis</li> </ul>
<b>Task 58: FY23-24 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>• Prepared draft Annual Report and submit to CBGSA Board for approval</li> </ul>	65%	<ul style="list-style-type: none"> <li>• Ongoing support for GSP implementation, outreach and compliance activities</li> <li>• Finalize Annual Report and submit DWR</li> </ul>
<b>Task 59: Prepare Five Year Update</b>	<ul style="list-style-type: none"> <li>• Field visits and review of geology data for HCM section update</li> <li>• Refined options for updates to sustainability criteria for Board consideration</li> <li>• Develop options for project and management action implementation</li> <li>• Develop draft revised GSP Chapters 2, 3 and 5</li> </ul>	60%	<ul style="list-style-type: none"> <li>• Continued review of data relevant to the GSP and development of potential technical updates</li> <li>• Continued update and development of GSP approaches for Board consideration</li> <li>• Develop draft revised GSP Chapters 2, 3 and 5 and submit to DWR Board for review</li> </ul>
<b>Task 60: FY23-24 Improve Understanding of Basin Water Use</b>	<ul style="list-style-type: none"> <li>• Develop land use for calendar year 2023</li> </ul>	40%	<ul style="list-style-type: none"> <li>• Continued support for weather station and land use project implementation</li> </ul>

Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 61: FY23-24 Preparation of Grant Proposal</b>	<ul style="list-style-type: none"> <li>None</li> </ul>	0%	<ul style="list-style-type: none"> <li>None</li> </ul>
<b>Task 62: Perform Fault Investigation</b>	<ul style="list-style-type: none"> <li>Planning and scoping of fault investigations activities, including coordination with potential subconsultants</li> <li>Perform geophysical analysis of Santa Barbara Canyon Fault</li> </ul>	25%	<ul style="list-style-type: none"> <li>Continued planning and field work for fault investigation</li> </ul>
<b>Task 63.1: Support for DWR Technical Support Services</b>	<ul style="list-style-type: none"> <li>None</li> </ul>	0%	<ul style="list-style-type: none"> <li>Support DWR TSS activities as needed</li> </ul>
<b>Task 63.2: Well Permit Review</b>	<ul style="list-style-type: none"> <li>None</li> </ul>	5%	<ul style="list-style-type: none"> <li>Additional well permit reviews as requested</li> </ul>
<b>Task 63.3: Website Redesign</b>	<ul style="list-style-type: none"> <li>None</li> </ul>	0%	<ul style="list-style-type: none"> <li>None</li> </ul>

## 2 Budget Status

Table 2 shows the percent spent for each task under Task Order 11 as of February 23, 2024. 49% of the available Task Order 11 budget has been expended (\$1,195,352.88 out of \$2,436,117).

**Table 2: Budget Status for Task Order 11**

Task	Total Budget	Spent Previously	Spent this Period	Total Spent to Date	Budget Remaining	% Spent to Date
54	\$153,530.00	\$101,702.39	\$8,052.38	\$109,754.77	\$43,775.23	71%
55	\$99,940.00	\$46,287.50	\$10,487.50	\$56,775.00	\$43,165.00	57%
56	\$323,350.00	\$146,748.71	\$35,245.80	\$181,994.51	\$141,355.49	56%
57	\$541,220.00	\$192,299.74	\$81,062.50	\$273,362.24	\$267,857.76	51%
58	\$114,980.00	\$58,563.75	\$13,070.00	\$71,633.75	\$43,346.25	62%
59	\$688,500.00	\$343,551.34	\$50,856.25	\$394,407.59	\$294,092.41	57%
60	\$101,892.00	\$34,737.70	\$5,005.00	\$39,742.70	\$62,149.30	39%
61	\$41,980.00	\$0.00	\$0.00	\$0.00	\$41,980.00	0%
62	\$329,730.00	\$43,598.57	\$23,748.75	\$67,347.32	\$262,382.68	20%
63.1	\$20,050.00	\$0.00	\$0.00	\$0.00	\$20,050.00	0%
63.2	\$12,030.00	\$335.00	\$0.00	\$335.00	\$11,695.00	3%
63.3	\$8,915.00	\$0.00	\$0.00	\$0.00	\$8,915.00	0%
<b>Total</b>	<b>\$2,436,117.00</b>	<b>\$967,824.70</b>	<b>\$227,528.18</b>	<b>\$1,195,352.88</b>	<b>\$1,240,764.12</b>	<b>49%</b>

### 3 Schedule Status

The project is on schedule. Work authorized under Task Orders 1 through 10 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**<sup>42</sup>

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

March 22, 2024  
 Project No: 0011078.01  
 Invoice No: 232092

Project 0011078.01 CUYAMA GSP

**Professional Services for the period ending February 23, 2024**

Phase 054 FY 23/24 STAKEHOLDER/BOARD AND OUTREACH ENGAGEMENT SUPPORT

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Designer			
Fox, Adam	.75	210.00	157.50
Project Planner 1			
O'Callaghan, Ariel	5.00	280.00	1,400.00
Senior Project Manager			
Van Lienden, Brian	14.00	355.00	4,970.00
Totals	19.75		6,527.50
<b>Labor Total</b>			<b>6,527.50</b>

**Consultant**

Sub - Consultant Miscellaneous				
2/23/2024 THE CATALYST GROUP	THE CATALYST GROUP Inv#		1,386.25	
	860			
<b>Consultant Total</b>		<b>1.1 times</b>	<b>1,386.25</b>	<b>1,524.88</b>
		<b>Total this Phase</b>		<b>\$8,052.38</b>

Phase 055 FY 23/24 GRANT ADMIN

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Project	0011078.01	CUYAMA GSP	Invoice	232092
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**Professional Personnel**

	Hours	Rate	Amount
Planner 3			
Valenzuela, George	23.50	265.00	6,227.50
Senior Project Manager			
Van Lienden, Brian	12.00	355.00	4,260.00
Totals	35.50		10,487.50
<b>Labor Total</b>			<b>10,487.50</b>
		<b>Total this Phase</b>	<b>\$10,487.50</b>

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Phase	056	FY 23/24 ONGOING MONITORING SUPPORT AND ENHANCEMENTS
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**Professional Personnel**

	Hours	Rate	Amount
Drafter			
Drumm, Stephanie	26.00	160.00	4,160.00
Gray, Keith	48.00	160.00	7,680.00
Kelly, Patrick	2.00	160.00	320.00
Pierce, Sarah	84.50	160.00	13,520.00
Senior Project Manager			
Strandberg, James	14.25	355.00	5,058.75
Totals	174.75		30,738.75
<b>Labor Total</b>			<b>30,738.75</b>

**Reimbursable**

Vehicle Expenses			
2/5/2024	Pierce, Sarah	Travel	87.11
2/8/2024	Pierce, Sarah	Travel	58.84
2/9/2024	Pierce, Sarah	travel	931.41
2/12/2024	Strandberg, James	0011078.01 J Strandberg Mileage	201.00
2/13/2024	Strandberg, James	0011078.01 J Strandberg Mileage	60.30
2/14/2024	Strandberg, James	0011078.01 J Strandberg Mileage	201.00
Travel & Lodging			
1/30/2024	Pierce, Sarah	Travel	163.67
1/31/2024	Pierce, Sarah	Travel	163.67

Project	0011078.01	CUYAMA GSP	Invoice	232092
2/1/2024	Pierce, Sarah	Travel	163.67	
2/2/2024	Pierce, Sarah	Travel	173.90	
2/3/2024	Pierce, Sarah	Travel	173.90	
2/4/2024	Pierce, Sarah	Travel	173.90	
2/5/2024	Pierce, Sarah	Travel	163.67	
2/6/2024	Pierce, Sarah	Travel	163.67	
2/7/2024	Pierce, Sarah	Travel	163.67	
2/9/2024	Pierce, Sarah	travel	35.66	
2/13/2024	Strandberg, James	0011078.01 J Strandberg Hotel	158.39	
2/14/2024	Strandberg, James	0011078.01 J Strandberg Hotel	158.39	
Meals				
1/30/2024	Pierce, Sarah	Travel	8.06	
1/30/2024	Pierce, Sarah	Travel	7.15	
1/30/2024	Pierce, Sarah	Travel	17.47	
1/31/2024	Pierce, Sarah	Travel	110.86	
1/31/2024	Pierce, Sarah	Travel	16.22	
2/3/2024	Pierce, Sarah	Travel	15.58	
2/3/2024	Pierce, Sarah	Travel	12.96	
2/4/2024	Pierce, Sarah	Travel	19.88	
2/4/2024	Pierce, Sarah	Travel	21.27	
2/5/2024	Pierce, Sarah	Travel	21.35	
2/8/2024	Pierce, Sarah	Travel	11.00	
2/8/2024	Pierce, Sarah	Travel	3.84	
2/9/2024	Pierce, Sarah	travel	39.89	
2/12/2024	Strandberg, James	0011078.01 J Strandberg Dinner	25.93	
2/12/2024	Strandberg, James	0011078.01 J Strandberg Dinner	5.00	
2/13/2024	Strandberg, James	0011078.01 J Strandberg Dinner	29.80	
2/13/2024	Strandberg, James	0011078.01 J Strandberg Dinner	7.00	
2/14/2024	Strandberg, James	0011078.01 J Strandberg Lunch	47.50	
2/14/2024	Strandberg, James	0011078.01 J Strandberg Lunch	10.00	

Project	0011078.01	CUYAMA GSP	Invoice	232092
2/16/2024	Strandberg, James	0011078.01 J Strandberg Lunch	8.00	
Airfare				
1/12/2024	Pierce, Sarah	Travel	108.10	
1/12/2024	Pierce, Sarah	Travel	14.00	
Miscellaneous				
2/13/2024	Strandberg, James	0011078.01 J Strandberg Dinner	5.00	
Field Supplies				
2/7/2024	Pierce, Sarah	Travel	17.32	
Meals non-deductible				
1/30/2024	Pierce, Sarah	Travel	15.66	
1/31/2024	Pierce, Sarah	Travel	16.51	
2/5/2024	Pierce, Sarah	Travel	30.99	
2/6/2024	Pierce, Sarah	Travel	25.57	
2/7/2024	Pierce, Sarah	Travel	29.59	
<b>Reimbursable Total</b>			<b>1.1 times</b>	<b>4,097.32</b>
			<b>Total this Phase</b>	<b>\$35,245.80</b>

Phase 057 FY 23/24 PROJECT & MANAGEMENT ACTION IMPLEMENTATION

### Professional Personnel

	Hours	Rate	Amount
Engineer 1			
Hunt, Devin	118.25	210.00	24,832.50
Engineer 3			
Wu, Yi-Shan	24.00	265.00	6,360.00
Project Assistant			
Sentz-Casas, Christine	1.25	140.00	175.00
Project Planner 1			
Eggleton, Charles	30.50	280.00	8,540.00
O'Callaghan, Ariel	22.75	280.00	6,370.00
Senior Project Manager			
Van Lienden, Brian	23.50	355.00	8,342.50
Senior Technical Manager			
Namvargolian, Ramiz	3.50	355.00	1,242.50

Project	0011078.01	CUYAMA GSP	Invoice	232092
Technical Manager 1				
	Ceyhan, Mahmut	58.00	315.00	18,270.00
	Demarco, Christopher	22.00	315.00	6,930.00
	Totals	303.75		81,062.50
	<b>Labor Total</b>			<b>81,062.50</b>
<b>Total this Phase</b>				<b>\$81,062.50</b>

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Phase 058 FY 23/24 GSP IMPLEMENTATION, OUTREACH, AND COMPLIANCE ACTIVITIES

### Professional Personnel

	Hours	Rate	Amount	
Project Planner 1				
	Eggleton, Charles	34.00	280.00	9,520.00
Senior Project Manager				
	Van Lienden, Brian	10.00	355.00	3,550.00
	Totals	44.00		13,070.00
	<b>Labor Total</b>			<b>13,070.00</b>
<b>Total this Phase</b>				<b>\$13,070.00</b>

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Phase 059 FY 23/24 PREPARE 5 YEAR GSP UPDATE

### Professional Personnel

	Hours	Rate	Amount	
Drafter				
	Li Guan, Javier	2.50	160.00	400.00
Engineer 1				
	Camille, Adrien	30.25	210.00	6,352.50
	Hunt, Devin	13.50	210.00	2,835.00
Project Engineer 1				
	Larson, Eric	15.25	280.00	4,270.00
Project Manager 1				
	Lucy, Caleb	5.00	315.00	1,575.00
Project Planner 1				
	Eggleton, Charles	6.25	280.00	1,750.00
	O'Callaghan, Ariel	58.25	280.00	16,310.00
Senior Project Manager				
	Strandberg, James	24.00	355.00	8,520.00



Project	0011078.01	CUYAMA GSP			Invoice	232092
	Van Lienden, Brian		13.50	355.00	4,792.50	
	Technical Manager 1					
	Simon, Ralph		4.75	315.00	1,496.25	
	Senior Technical Leader					
	Taghavi, Ali		7.00	365.00	2,555.00	
	Totals		180.25		50,856.25	
	<b>Labor Total</b>					<b>50,856.25</b>
					<b>Total this Phase</b>	<b>\$50,856.25</b>

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Phase	060	FY 23/24 IMPROVE UNDERSTANDING OF BASIN WATER USE				
<b>Consultant</b>						
	Sub - Consultant Miscellaneous					
	2/23/2024	LAND IQ, LLC		LAND IQ, LLC - Inv # 5901	4,550.00	
		<b>Consultant Total</b>		<b>1.1 times</b>	<b>4,550.00</b>	<b>5,005.00</b>
					<b>Total this Phase</b>	<b>\$5,005.00</b>

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Phase	062	FY 23/24 PERFORM FAULT INVESTIGATION				
<b>Professional Personnel</b>						
			<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
	Drafter					
		Gray, Keith	32.00	160.00	5,120.00	
	Engineer 1					
		Camille, Adrien	2.50	210.00	525.00	
	Engineer 3					
		Drumm, Stephanie	1.00	265.00	265.00	
	Senior Project Manager					
		Strandberg, James	50.25	355.00	17,838.75	
		Totals	85.75		23,748.75	
		<b>Labor Total</b>				<b>23,748.75</b>
					<b>Total this Phase</b>	<b>\$23,748.75</b>
					<b>Total this Invoice</b>	<b>\$227,528.18</b>

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Project 0011078.01 CUYAMA GSP Invoice 232092

	<b>Current Fee</b>	<b>Previous Fee</b>	<b>Total</b>
<b>Project Summary</b>	<b>227,528.18</b>	<b>5,643,819.28</b>	<b>5,871,347.46</b>

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

The Catalyst Group, Inc.



Woodard &amp; Curran

Project Manager:

Billing Summary

Cuyama GSP

Brian Van Lienden

Original Contract Amount (Task Order 1)	\$32,000.00
Task Order 2	\$49,575.00
Task Order 3	\$50,000.00
Task Order 4	\$61,291.00
Task Order 5	\$13,500.00
Task Order 6	\$16,939.00

## Invoices

## Payments

Date	No. Task 1	Task 10	Expenses	Total	Date	Amount	Owed
2/2/2021	529	\$0.00	\$885.00	\$0.00	3/2/2021	\$885.00	\$0.00
3/3/2021	537	\$0.00	\$582.50	\$0.00	3/29/2021	\$582.50	\$0.00
5/4/2021	546	\$0.00	\$1,307.50	\$0.00	9/15/2021	\$1,307.50	\$0.00
6/2/2021	556	\$0.00	\$2,033.75	\$0.00	9/14/2021	\$2,033.75	\$0.00
7/8/2021	570	\$0.00	\$400.00	\$0.00	9/14/2021	\$400.00	\$0.00
8/5/2021	575	\$0.00	\$953.75	\$0.00	11/16/2021	\$953.75	\$0.00
9/8/2021	584	\$0.00	\$1,792.50	\$419.80	11/16/2021	\$2,212.30	\$0.00
12/2/2021	609	\$0.00	\$1,561.25	\$0.00	1/24/2022	\$1,561.25	\$0.00
2/2/2022	626	\$0.00	\$371.25	\$0.00	3/22/2022	\$371.25	\$0.00
3/2/2022	635	\$0.00	\$651.25	\$0.00	5/24/2022	\$651.25	\$0.00
4/5/2022	645	\$0.00	\$1,510.00	\$0.00	5/24/2022	\$1,510.00	\$0.00
5/3/2022	652	\$0.00	\$1,541.25	\$0.00	7/18/2022	\$1,541.25	\$0.00
6/3/2022	664	\$0.00	\$491.25	\$0.00	7/6/2022	\$491.25	\$0.00
7/6/2022	675	\$0.00	\$1,765.00	\$0.00	9/20/2022	\$1,765.00	\$0.00
8/6/2022	684	\$0.00	\$1,280.00	\$0.00	9/20/2022	\$1,280.00	\$0.00
9/5/2022	690	\$0.00	\$913.75	\$0.00	12/28/2022	\$913.75	\$0.00
10/10/2022	699	\$0.00	\$200.00	\$0.00	11/8/2022	\$200.00	\$0.00
12/8/2022	723	\$0.00	\$560.00	\$0.00	1/10/2023	\$560.00	\$0.00
4/4/2023	760	\$0.00	\$152.50	\$0.00	5/1/2023	\$152.50	\$0.00
7/6/2023	789	\$0.00	\$493.75	\$0.00	8/8/2023	\$493.75	\$0.00
8/4/2023	797	\$0.00	\$1,445.00	\$0.00	10/3/2023	\$1,445.00	\$0.00
9/6/2023	803	\$0.00	\$3,442.50	\$0.00	11/21/2023	\$3,442.50	\$0.00
10/9/2023	814	\$0.00	\$8,672.75	\$0.00	11/21/2023	\$8,672.75	\$0.00
11/6/2023	827	\$0.00	\$8,870.00	\$846.62	1/30/2024	\$9,716.62	\$0.00
12/10/2023	834	\$0.00	\$535.00	\$0.00	1/9/2024	\$535.00	\$0.00
1/5/2024	845	\$0.00	\$621.25	\$0.00			\$621.25
2/4/2024	857	\$0.00	\$1,822.50	\$0.00			\$1,822.50
3/4/2024	860	\$0.00	\$1,386.25	\$0.00			\$1,386.25
<b>Totals</b>		<b>\$28,133.75</b>	<b>\$198,721.00</b>	<b>\$22,389.06</b>	<b>\$249,243.81</b>		
<b>Current Due</b>					<b>\$1,386.25</b>	<b>Remaining Owed</b>	<b>\$3,830.00</b>
<b>Total Budget</b>					<b>\$223,305</b>		
<b>Remaining Budget</b>					<b>-\$25,938.81</b>		

**The Catalyst Group, Inc.**  
 25 Brushwood Lane  
 Greenbrae, CA 94904  
 +1 4155242080  
 Charles@CatalystGroupCA.com  
 www.CatalystGroupCA.com

**BILL TO**

Brian Van Lienden  
 Woodard & Curran  
 801 T Street  
 Sacramento, CA 95811

**INVOICE 860****DATE** 03/04/2024 **TERMS** Net 90**DUE DATE** 06/02/2024

DATE	ACCOUNT SUMMARY	AMOUNT
02/04/2024	Balance Forward	2,443.75
	Other payments and credits after 02/04/2024 through 03/03/2024	0.00
03/04/2024	Other invoices from this date	0.00
	New charges (details below)	1,386.25
	<b>Total Amount Due</b>	<b>3,830.00</b>

DATE	ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
02/13/2024	<b>Task 10-Pope</b>	Scheduling	0:15	170.00	42.50
02/14/2024	<b>Task 10-Gardiner</b>	Form 700	0:15	225.00	56.25
02/15/2024	<b>Task 10-Pope</b>	scheduling	0:15	170.00	42.50
02/20/2024	<b>Task 10-Pope</b>	Doc review	0:30	170.00	85.00
02/21/2024	<b>Task 10-Pope</b>	Taylor/Brian call	1:00	170.00	170.00
02/21/2024	<b>Task 10-Gardiner</b>	Workshop planning call	1:00	225.00	225.00
02/22/2024	<b>Task 10-Pope</b>	AI script review	0:30	170.00	85.00
02/29/2024	<b>Task 10-Pope</b>	SAC	4:00	170.00	680.00

TOTAL OF NEW  
 CHARGES 1,386.25

**TOTAL DUE \$3,830.00**



## Monthly Progress Report – February 2024

**To:** Brian Van Lienden

**From:** Aaron Pope

**Date:** March 4, 2024

**Re:** February 2024 Progress Report

---

The following summarizes the Catalyst activities for the Cuyama Groundwater Sustainability Plan for February 2024.

### Work Completed

- Scheduled and participated in a workshop planning meeting.
- Reviewed project documents.
- Participated in the February SAC meeting.

### Work Planned for Next Month

- Coordinate with the project team.
- Plan the next community workshop.
- Attend SAC and Board meetings as requested.

### Issues for Resolution

- None.

## FASTRIP FOOD STORE

929/930

903 KERN STREET

TAFT, CA. 93268

661 763-1790

929 FASTRIP

54292980275380-510100-4

903 KERN ST

TAFT CA

661-763-1790

93268

## DUPLICATE OUTDOOR RECEIPT

AE AUTH#506737

SEQ# 0738

DATE 02/05/24 07:44

REF# 403607054253

BATCH# 20240205018

AVS PASSED. CODE = Z

CARD BALANCE \$ 0.00

PUMP # 15

PRODUCT: UNLD

APPROVAL # 506737

GALLONS: 19.277

PRICE/G: \$ 4.519

FUEL SALE \$ 87.11

THANK YOU

PLEASE COME AGAIN



FASTRIP FOOD STORE

929/930

903 KERN STREET

TAFT, CA. 93268

661 763-1790

929 FASTRIP

54292980275380-510100-2

903 KERN ST

TAFT CA

661-763-1790

93268

DUPLICATE OUTDOOR RECEIPT

AE AUTH#522032

SEQ# 3192

DATE 02/08/24 08:09

REF# 403908030708

BATCH# 20240208043

AVS PASSED. CODE = Z

CARD BALANCE \$ 0.00

PUMP # 15

PRODUCT: UNLD

APPROVAL # 522032

GALLONS: 13.020

PRICE/G: \$ 4.519

FUEL SALE \$ 58.84

THANK YOU

PLEASE COME AGAIN



Hi Sarah,

Thank you for renting with Budget. **Please remember to return your keys when you return your vehicle to avoid additional fees.**

This is a one-time notification related to your recent transaction: Budget Rental Agreement **714816756**

TOTAL CHARGES

**\$ 931.41**

Base Rate:	\$ 545.13
Taxable Products/Services*:	\$ 246.96
Non-Taxable Products/Services:	\$ 64.07
Rental Sales Tax:	\$ 75.25
Net Charges:	\$ 931.41

*\*Includes Fees and Surcharges*

Thanks for renting with us. We hope you had a sweet trip and a smooth ride.

Your e-receipt is available [here](#)



You can review or update your email preferences for other Budget communications by [logging into your profile](#).

Your privacy is important to us. Read our [Privacy Statement](#).

To change your email address, [click here](#).

Budget | 379 Interpace Parkway | Parsippany, NJ 07054

Copyright © 2024 Budget Rent A Car System, Inc.

Thank you for not smoking. Budget maintains a 100% smoke-free fleet.



Taft Inn

203 SOUTH 6TH STREET  
TAFT, CA 93268



745-5555

frontdesk@bwtaft.com

C/O 02/08/2024 07:54 AM

Loyalty Club: 600663-77733-90323 BASE

Registered To:

PIERCE, SARAH  
4900 West 8th Avenue, Apt 8  
Denver, CO 80204

(831) 818-1184

Room # 224-A  
Conf # 945411173-01  
Arrival 01/30/24  
Departure 02/08/24  
Room Type 2QQ - Double Queen  
Guests 1 / 0  
Payment Visa/Master  
Acct XXXX-XXXX-XXXX-5948

Posting Date	AcctCode	Description	From	Reference	Amount
01/30/24	RC	ROOM CHRG REVENUE			\$148.79
01/30/24	91	OCCUPANCY TAX			\$14.88
01/31/24	RC	ROOM CHRG REVENUE			\$148.79
01/31/24	91	OCCUPANCY TAX			\$14.88
02/01/24	RC	ROOM CHRG REVENUE			\$148.79
02/01/24	91	OCCUPANCY TAX			\$14.88
02/02/24	RC	ROOM CHRG REVENUE			\$158.09
02/02/24	91	OCCUPANCY TAX			\$15.81
02/03/24	RC	ROOM CHRG REVENUE			\$158.09
02/03/24	91	OCCUPANCY TAX			\$15.81
02/04/24	RC	ROOM CHRG REVENUE			\$158.09
02/04/24	91	OCCUPANCY TAX			\$15.81
02/05/24	RC	ROOM CHRG REVENUE			\$148.79
02/05/24	91	OCCUPANCY TAX			\$14.88
02/06/24	RC	ROOM CHRG REVENUE			\$148.79
02/06/24	91	OCCUPANCY TAX			\$14.88
02/07/24	RC	ROOM CHRG REVENUE			\$148.79
02/07/24	91	OCCUPANCY TAX			\$14.88
02/08/24	VS	PAYMENT VISA/MC		5948 - 00015D	\$1,503.72-

[Signature Line]

**Balance Due** **\$0.00**

I have received the goods and / or services in the amount shown heron. I agree that my liability for this bill is not waived agree to be held personally liable in the event that the indicated person, company or associate fails to pay for any part or full amount of these charges. If a credit card charge, I further agree to perform the obligations set forth in the cardholder agreement with the issuer.

Signature

Each Best Western® branded hotel is independently owned and operated.



You sent a payment of \$35.66 USD on February 9, 2024 5:22: 32 PU PST to Lyft

This email may be one of many notifications you receive as your merchant fulfills your order.

## Payment Details

Merchant:	Lyft
Date:	February 9 2024 5:22: 32 PU PST
Transaction ID:	3P97928775643 780R
Authorization Amount:	529.72 USD
Payment Amount:	\$35.66 USE
Payment By:	<a href="#">e-p-2 C h i m f i l r t ° * . l l</a>

## Funding Sources Used (Total)

x-4533:	\$35.66 US D
---------	--------------

Charge will appear on your credit card statement as "PAYPAL "L FT TEF.\F AUTH HO"

If you have questions regarding this transaction Please contact the merchant.

**Annette Miller**

---

**From:** Your Recent Best Western Stay <info@myreservation.bestwestern.com>  
**Sent:** Wednesday, February 14, 2024 9:32 AM  
**To:** Jim Strandberg  
**Subject:** Your recent stay at Best Western Plus Taft Inn

You don't often get email from info@myreservation.bestwestern.com. [Learn why this is important](#)



**JAMES STRANDBERG**  
5103013776

**Hotel Information**

Best Western Plus Taft Inn

203 S 6th Street

(661) 745-5555

Taft, California 93268

United States

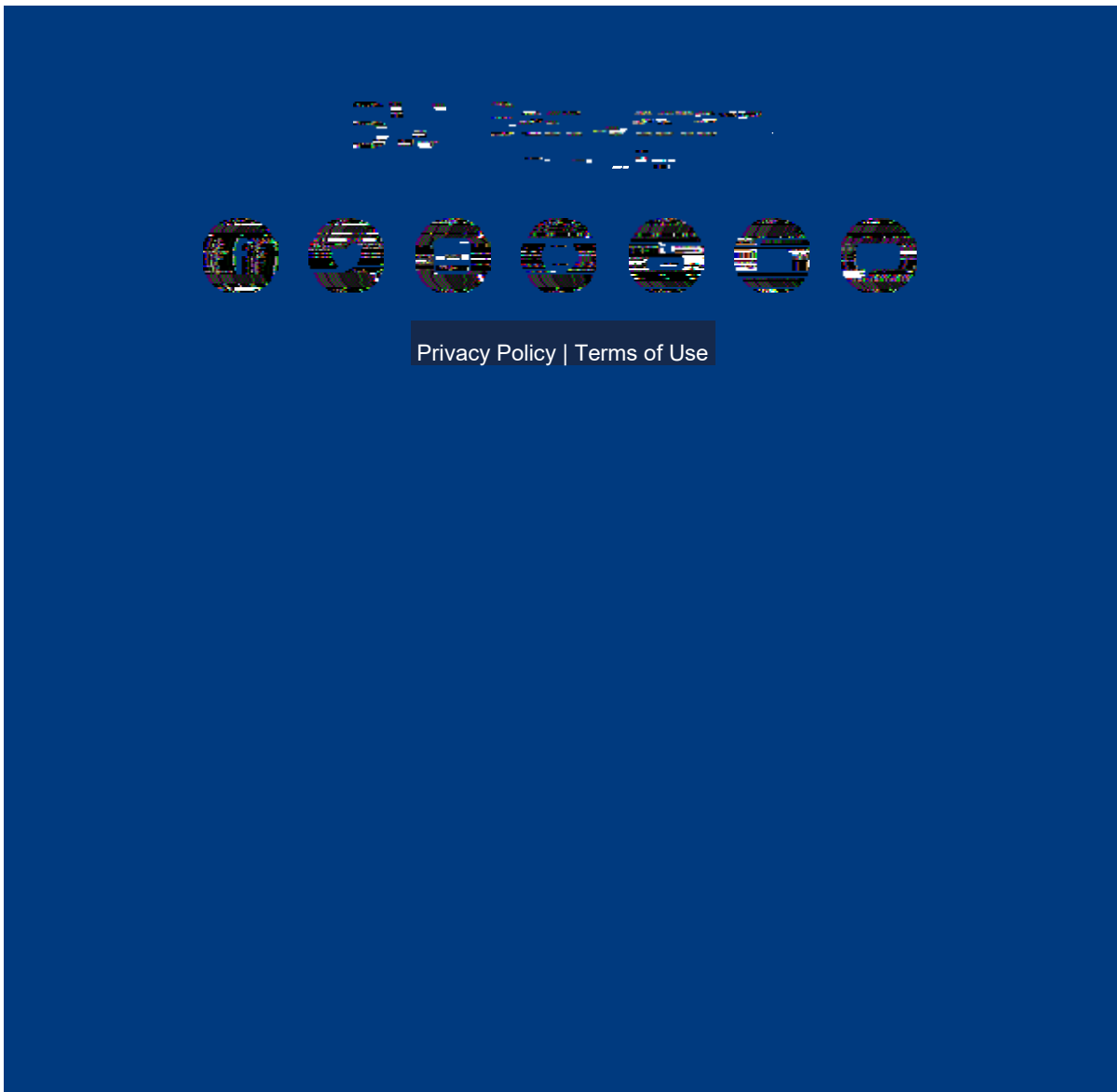
**STAY OVERVIEW**

<b>2</b>	<b>1</b>	<b>1</b>
Nights	Room	Guest

**Confirmation Number:** 685388972**Check-In:** 02/12/2024**Check-Out:** 02/14/2024**Room Number:** 314**FOLIO:**

DATE	DESCRIPTION	ID	REF NO	CHARGES	CREDIT
02/12/2024	ROOM CHRG REVENUE	SCOTT	351714	143.99	
02/12/2024	OCCUPANCY TAX	SCOTT	351715	14.40	
02/13/2024	ROOM CHRG REVENUE	DANIEL	351823	143.99	
02/13/2024	OCCUPANCY TAX	DANIEL	351824	14.40	
02/14/2024	PAYMENT VIS/MC	DANIEL	351878		(316.78)
				**BALANCE**	0.00

# BWH | Hotels





Caribou Coffee - A  
8500 Pena Blvd  
Denver, CO 80249

**#339**

Host: Claudia  
#339

01/30/2024  
10:52 AM  
10339

Crafted Press 0.00  
Iced Crafted Press hediun 6.30

Subtotal 6.30  
Tax 0.50

**Order Total 6.80**

VISA 6.80  
Tip 1.26  
Total 8.06

Auth:06946D

Thank you!!!  
We would love to hear from you  
feedback@skypartco.com  
720 868 5924  
This restaurant participates in an  
employee tip share program  
gratuities are shared by employees

--- Check Closed ---



7:36

LTE 97%



Starbucks

\$7.15

Split with friends

Feb 3, 2024 7:32 AM



United Explorer •••• 5948

Contactless payment

You can view this transaction because you made a contactless payment with Google Pay

Category

Edit

Cafes

Statement name

STARBUCKS STORE 59623

Report an issue

Google provides this transaction history to help you keep track of

Food & drink last 30 days

Cafes last 30 days





**GYROMANIA 2**

25884 The Old Road  
Stevenson Ranch, California 91381-1712  
6614257998

**ORDER: 048  
TO GO**

30-Jan-2024 3:00:45P

Transaction **406187**

1 Falafel Pitta	\$14.99
Rice on the side	\$0.00
Tahini Sauce	\$0.00
Hummus	\$0.00

<b>Subtotal</b>	<b>\$14.99</b>
Happy Hour 2-5	-\$1.50
sales tax 9.5%	\$1.28

<b>Total</b>	<b>\$14.77</b>
<b>Tip</b>	<b>\$2.70</b>

CREDIT CARD AUTH	\$17.47
VISA 5948	

Retain this copy for statement validation

30-Jan-2024 3:01:03P  
\$17.47 | Method: CONTACTLESS  
VISA CREDIT XXXXXXXXXXXXX5948  
Reference ID: 403000686027  
Auth ID: 03130D  
MID: \*\*\*\*\*2880  
AID: A0000000031010  
AthNtwkNm: VISA

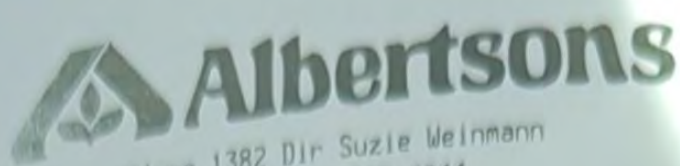
Online: <https://clover.com/p/XBK2CCQ1F9ETP>

Clover ID: RDVT4G4HZX4JJ  
Payment XBK2CCQ1F9ETP

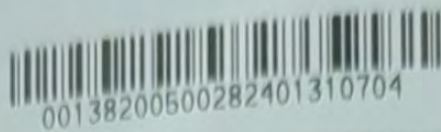
Clover Privacy Policy  
<https://clover.com/privacy>

Partial view of another receipt with a barcode and various numbers.





Store 1382 Dir Suzie Weinmann  
 Main: (661) 765-4944  
 1044 W Kern St  
 TAFT CA 93268



YOUR CASHIER TODAY WAS Linda

		Price	You Pay
GROCERY			
900007414	PLANTERS MIXED NUT	7.49	5.99 S
	Sale Savings -1.50		
60265218402	KIND HEALTHY BAR	5.49	4.99 S
	Sale Savings -0.50		
60265242988	KIND HEALTHY SNACK	7.49	5.99 S
	Sale Savings -1.50		
68745621305	MADEGOOD CHOC CHIP	5.99	5.99 S
7114200009	ARWHD SPRING WATER	5.99	5.99 S
9451	CRV SF-TDK SNGL NTX	0.10	0.10 S
71627000155	CHOCOLOVE DC	4.49	3.00 S
	Sale Savings -1.49		
7969422212	OLD TRAPPR BF JRKY	16.99	13.99 S
	Sale Savings -3.00		
81060702069	POPCORNERS CHEDDAR	4.49	4.29 S
	Sale Savings -0.20		
81509902179	LATE JULY SNACKS	6.49	3.49 S
	Sale Savings -3.00		
81878001193	BOOM CHICKA CRN PD	5.49	4.79 S
	Sale Savings -0.70		
82951530146	SENSIBLE PORTIONS	4.99	3.99 S
	Sale Savings -1.00		
<b>GEN MERCHANDISE</b>			
19390800511	INSURGENT BRANDS	3.00	2.50 S
	Sale Savings -0.50		
2190811579	LARABAR CHOC CHIP	10.99	9.99 S
	Sale Savings -1.00		
2190850924	LARA BAR ORIG FRT	2.00	2.00 S
2190850927	LARABAR APPLE PIE	2.00	2.00 S
25172	2@ REUSABLE BAG	0.20	0.20
72225216109	2@ CLIF ENRGY BR WHITE	4.00	2.50 S
	Sale Savings -1.50		
81081502137	2@ HNY STINGER WAFFLE	4.00	3.00 S
	Sale Savings -1.00		
85777700419	RXBAR BLUEBERRY	3.00	2.50 S
	Sale Savings -0.50		
85777700421	RXBAR CCNT CHOC	3.00	2.50 S
	Sale Savings -0.50		
85777700423	RXBAR PRTN CHOC SS	3.00	2.50 S
	Sale Savings -0.50		
<b>PRODUCE</b>			
7102233121	MARIANI PROBIOTIC	4.49	4.49 S
72243016003	GT ALIVE ROOT BEER	3.99	3.00 S
9801	CRV PROD SNGL NTX	0.05	0.05 S
	Sale Savings -0.99		
7989312049	0 ORG APPLE HNYCRP	5.99	5.99 S
85907600215	HH COCONUT WATER	4.99	4.99 S
9801	CRV PROD SNGL NTX	0.05	0.05 S
	TAX		0.00
	**** BALANCE		110.86

Credit Purchase 01/31/24 07:04  
 CARD # \*\*\*\*\*1004  
 REF: 250412410040 AUTH: 00844834

PAYMENT AMOUNT 110.86

AL AMERICAN EXPRESS  
 AID A000000025010801  
 TVR 0000008000  
 TSI E800

AMEX  
 CHANGE

110.86  
 0.00

**YOUR SAVINGS**  
 Store Savings 19.38  
 Total 19.38  
 Total Savings Value 15%

**YOUR REWARDS**

Points Earned Today 110

TOTAL NUMBER OF ITEMS SOLD = 31  
 01/31/24 07:04 1382 5 28 4331

Thank you for shopping Albertsons!  
 For ALBERTSONS FOR U questions call  
 877-276-9637 or Albertsons.com/foru



Ticket # 41

2/3/2024 4:15 pm TEARSA

\*\*\* TO GO \*\*\*

PIERCE

Zone :

---

SM Calzone	11.99
<u>Vegetarian Calz</u>	

---

Subtotal	11.99
State	0.99
Total	12.98
Tip	2.60
Visa	15.58
Balance Owing	
	0.00

Ticket # 41  
(3012000002)



# CUYAMA

## RESTAURANT

aaaaaaaCC Laaaaaaa LCC Laaaaaaa LCaaaaaaCaadaa aad  
 aaaaaaaaCC Laaaaaaa LCaadaa Laaaa aaaaaa Laaaaaa

New Cuyama, CA 4923  
 Primero St. 93254  
 (661)766-2825  
 Y'ALL COME BACK NOW

Check:231556

Table:

Server:Elizabeth A

02/04/24

09:15am

[Seat 1]

1 Cappuccino (8oz) Oat Milk	\$6.50
1 Scone	\$4.50
1 Slice Seasonal Berry	\$5.00

	\$16.00
Tax 1:	\$1.24
Non Cash Adj:	\$0.64
Sub w/Tax:	\$17.88
Cash Total:	<b>\$17.24</b>
CC Total:	<b>\$17.88</b>

Guest Name: \_\_\_\_\_

Room #: \_\_\_\_\_

ROOM TIP: 2

TOTAL: 19.88

Guest Signature: \_\_\_\_\_

Thank you.  
 For Pool Service / Room Service / or Parties of  
 6 or more there is an automatic 20% gratuity.

Not Specified

\$17.88



Customer Copy

La Cima

LA CIMA MEXICAN FOOD & CANTINA  
1107 KERN ST  
TAFT, CA 93268

Sun 2/4/2024 3:28:59 PM  
Check 30-1  
Yoly  
Station CASHIER

Cardholder acknowledges receipt of goods and/or services in the amount of the TOTAL shown hereon and agrees to perform the obligations set forth in the Cardholder agreement with the Issuer

VISA XXXXXXXXXXXX5948 (M)  
Approval 05666D

BASE \$17.27

TIP 4

TOTAL 21.27

Customer Copy



ASIAN EXPERIENCE INC  
215 Center St  
Taft, CA 93268  
(661) 763-1815

02/05/2024 17:08:53

### Credit Sale

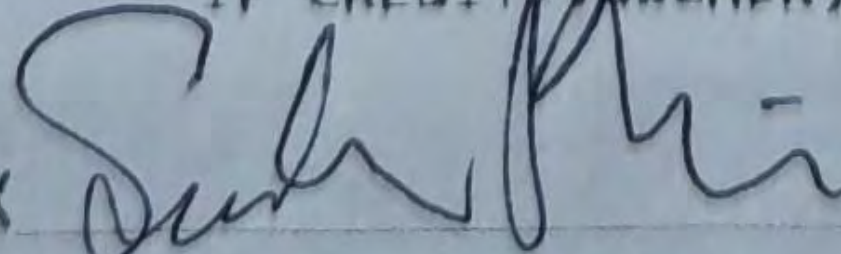
Transaction #: 22  
Card Type: Visa  
Account: \*\*\*\*\*5948  
Entry: Chip  
Invoice #: 22  
HREF: 7071817397576474903977  
RRN: 403701106415  
Auth. Code: 07006D  
Batch #: 288  
Response: AUTHORIZED

Mode: Issuer  
AID: A0000000031010  
TVR: 0080008000  
TST: E800  
AC: 5226CFA6C29E19E6  
ATC: 03D2  
APPN: CHASE VISA

Sub Tot: USD\$18.35  
Tip Amount: USD\$ 3 -  
Total: USD\$ 21.35

Suggested Tip Amounts:  
15%: \$2.75 18%: \$3.30 20%: \$3.67

I AGREE TO PAY ABOVE TOTAL  
AMOUNT ACCORDING TO CARD ISSUER  
AGREEMENT (MERCHANT AGREEMENT  
IF CREDIT VOUCHER)

X 

MERCHANT COPY

K



FOSTER'S DONUTS  
1040 KERN ST  
TAFT CA 93268  
661 763-5453

MON-FRIDAY: 4AM-2PM  
SAT-SUN: 4AM-12PM

REG 08-02-2024 08:58  
000109  
CT 1

1	DEPT001			\$	9.00
1	DEPT001			\$	2.00
	TL	\$	1	1	.00
	CASH			\$	11.00
	CG			\$	0.00



1 A TRIP 1 000 1 000  
 929 9 10  
 10 KIRN S RI  
 A A 93268  
 66 63 790  
 92 ASIRI 54292981 275350-5 0 00 2  
 90 KFRN S IAI CA  
 - 763- 790

Oescri	qty	aaount
<CUST*TER COPY>		
STRBK N' TR0BLK 9		3 79
CR*/05JN		0 05
		.
Sub Total		3.84
Tax		0 00
<b>TOTAL</b>		<b>3 84</b>
CR EDIT \$		3 84

\*\*\*\*\*

?ARO TYPE AMERICAN EXPRESS  
 ?ARO NAME PIERÆ/SAR  
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9667 1 z W lsh're Blvd  
Beveily Hills , CA 90212  
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Card Reader	BBPOS

VISA CARDHOLDER

Powered by Toast



AN EXPERIENCE  
215 Center St  
Taft, CA 93268  
(661) 763-1815

02/12/2024 19:16:09

Credit Salw

Transaction #: 38  
Card Type: Visa  
Account: \*\*\*\*\*5236  
Entry: Chip  
Invoice #: 38  
HREF: 7077938176246552404960  
RRN: 404403701998  
Auth. Code: 005390

Batch #:   
Response: AUTHORIDE4

Mode: Issuer  
AID: A0000000031010  
TVR: 0080008000  
TSI: E800  
AC: E86610EB0416DC72  
ATC: 0278  
APPN: CHASE VISA

Sub Tot: USD\$25.93

Tip Amount: usot\_\_\_\_\_

Total: USD\$ 30.93

Suggested Tip Amounts .

156: s3.89 18S: 84. 67 206: \$5. 19

CUSTOMER COPY

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Original Hacienda Grill  
Restaurant & Cantina  
American and Mexican Food  
1015 4th Street  
Taft, Ca. 93268

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Check 30-1 Table 2  
Marina S.  
Station Cashier

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I AGREE TO PAY THE ABOVE TOTAL AMOUNT  
ACCORDING TO CARD ISSUER AGREEMENT  
(MERCHANT AGREEMENT IF CREDIT VOUCHER)

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Subtotal 34.  
Tax 1  
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TOTAL 35.

Approval 00174D  
REFERENCE: 404504801496  
APPLICATION LABEL: CHASE VISA  
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IAD: 06021203A0A002  
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f split among 3 guests  
ach pay \$11.60

BASE \$34.80  
TIP 7-  
TOTAL 41.80

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-Thank You-  
(661) 763-1655  
Pay Server  
A 15% gratuity is suggested  
for parties of 8 or more.

-ThmI: Y<xi-

# BUČKHORL

New Cuyama, CA 4923  
Primeria St. 93254  
1661)56-2825

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02/14/24

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—[heat 1]—

1 The Buckhorn	\$16.00
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2 Drip (16oz)	\$7.50

\$2.10

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Non Cash Adj:	11.10
Sub w/Tax:	4i.TO i645
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Guest Name: STRANDBERG

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Guest Signature: \_\_\_\_\_

## Customer Copy

Lheck: 2319E1

Card Type Visa

Card Number \*\*\*\*\*5236

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Expiration Date \*\*/\*\*

Amount \$11.50

Tip: 10-

Total: 59.50

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gratuity.

**Your Flight Receipt - SARAH PIERCE 09FEB24**

2 messages

Delta Air Lines &lt;DeltaAirLines@t.delta.com&gt;

Fri, Jan 12, 2024 at 1:23 PM

Reply-To: Transactional Email Reply Inbox &lt;reply-369069-14\_HTML-69836570-10982494-79416@t.delta.com&gt;

To: sep426@humboldt.edu

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CONFIRMATION #: JK5MV8



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## Passenger Info

Name: SARAH PIERCE

FLIGHT	SEAT
DELTA 1441	Seat Assigned After Check-In

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Fri, 09FEB	DEPART	ARRIVE
DELTA 1441 Basic Economy (E)	LOS ANGELES, CA 1:45pm	PORTLAND, OR 4:12pm

## MANAGE MY TRIP

**Flight Receipt**Ticket #: [0062202783775](#)

Place of Issue:

Issue Date: 12JAN24

Expiration Date: 12JAN25

METHOD OF PAYMENT	
VI*****5948	\$108.10 USD

CHARGES	
<b>Air Transportation Charges</b>	
Base Fare	\$86.51 USD
<b>Taxes, Fees and Charges</b>	
United States - September 11th Security Fee(Passenger Civil Aviation Security Service Fee) (AY)	\$5.60 USD
United States - Transportation Tax (US)	\$6.49 USD
United States - Passenger Facility Charge (XF)	\$4.50 USD
United States - Flight Segment Tax (ZP)	\$5.00 USD
<b>TICKET AMOUNT</b>	<b>\$108.10 USD</b>

## Checked Bag Allowance

The fees below are based on your original ticket purchase. Fees may be converted to local currency based on your departure airport. **If you qualify for free or discounted checked baggage**, this will be taken into account when you check in. Visit [delta.com](https://www.delta.com) for details on baggage embargoes that may apply to your itinerary.

Fri 09 Feb 2024

LAX-PDX

CARRY ON	FIRST	SECOND
FREE	\$30.00 <sup>USD</sup> (50LBS/23KG) OR 3,000 miles	\$40.00 <sup>USD</sup> (50LBS/23KG) OR 4,000 miles

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There are special exceptions for small quantities (up to 70 ounces total). For further information visit [delta.com](https://www.delta.com) [Restricted Items Section](#).



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Note: When using certain vouchers to purchase tickets, remaining credits may not be refunded. Additional charges and/or credits may apply.

Fare Details: LAX DL PDX86.51XAVSA0BC USD86.51END ZP LAX XF LAX4.5

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A standard checked bag with Delta may be up to 50 lbs and 62 linear inches (per piece). Additional fees apply for oversize, overweight, and/or additional pieces of checked baggage. Please review Delta's baggage guidelines for details. Weight and size restrictions may vary when checking baggage on carriers other than Delta. Contact with the operating carrier for detailed checked baggage allowances. You must be checked in at the gate by the applicable check-in deadlines or your reservation may be cancelled. Please review Delta's check-in requirement guidelines for details. Check-in requirements vary by airline, so if your ticket includes travel on other airlines, please check with the operating carrier on your ticket.

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Passengers embarking upon a journey involving an ultimate destination or a stop in a country other than the country of departure are advised that the provisions of an international treaty (the Warsaw Convention, the 1999 Montreal Convention, or other treaty), as well as a carrier's own contract of carriage or tariff provisions, may be applicable to their entire journey, including any portion entirely within the countries of departure and destination. The applicable treaty governs and may limit the liability of carriers to passengers for death or personal injury, destruction or loss of, or damage to, baggage, and for delay of passengers and baggage.

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- Claim restrictions including time periods within which you must file a claim or bring action against us.
- Our right to change terms of the contract.
- Check-in requirements and other rules established when we may refuse carriage.
- Our rights and limits of our liability for delay or failure to perform service including schedule change, substitution of alternative air carriers or aircraft, and rerouting.
- Our policy on overbooking flights, and your rights if we deny you boarding due to an oversold flight.

These terms are incorporated by reference into our contract with you. You may view these conditions of carriage on [delta.com](https://delta.com), or by requesting a copy from Delta.

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*Si l'embarquement vous est refusé, ou si votre vol est annulé ou retardé d'au moins deux heures ou si vos bagages sont perdus ou endommagés, vous pourriez avoir droit au titre du Règlement sur la protection des passagers aériens, à certains avantages au titre des normes de traitement applicables et à une indemnité. Pour de plus amples renseignements sur vos droits, veuillez communiquer avec votre transporteur aérien ([www.delta.com/appr](https://www.delta.com/appr)) ou visiter le site Web de l'Office des transports du Canada.*

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**Sarah E Pierce** <[sep426@humboldt.edu](mailto:sep426@humboldt.edu)>  
To: [spierce@woodardcurran.com](mailto:spierce@woodardcurran.com)

Mon, Jan 15, 2024 at 12:43 PM

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CONFIRMATION #: JK5MV8



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### Passenger Info

Name: SARAH PIERCE

FLIGHT	SEAT
DELTA 1441	Seat Assigned After Check-In

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Fri, 09FEB	DEPART	ARRIVE
DELTA 1441 Basic Economy (E)	LOS ANGELES, CA 1:45pm	PORTLAND, OR 4:12pm

**Flight Receipt**Ticket #: [0062202783775](#)

Place of Issue:

Issue Date: 12JAN24

Expiration Date: 12JAN25

METHOD OF PAYMENT	
VI*****5948	\$108.10 USD

CHARGES	
<b>Air Transportation Charges</b>	
Base Fare	\$86.51 USD
<b>Taxes, Fees and Charges</b>	
United States - September 11th Security Fee(Passenger Civil Aviation Security Service Fee) (AY)	\$5.60 USD
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Fri 09 Feb 2024

LAX-PDX

CARRY ON	FIRST	SECOND
FREE	\$30.00 <sup>USD</sup> (50LBS/23KG) OR 3,000 miles	\$40.00 <sup>USD</sup> (50LBS/23KG) OR 4,000 miles

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- Our right to [change terms](#) of the contract.
- [Check-in requirements](#) and other rules established when we may [refuse carriage](#).
- Our rights and limits of our liability for [delay or failure to perform service](#) including schedule change, substitution of alternative air carriers or aircraft, and rerouting.
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247382E-Receiptprod



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**Travel Guard Policy Confirmation: 965843640 - PIERCE, SARAH**

---

**Policies** <policies@travelguard.com>  
To: sep426@humboldt.edu

Fri, Jan 12, 2024 at 1:16 PM

SARAH PIERCE,

Thank you for purchasing a Travel Guard® travel insurance plan from AIG Travel.

\*\*\*\*\*  
\*Your policy number is: **965843640**  
\*\*\*\*\*

\* Please review your Policy of Insurance by clicking on the "Policy of Insurance" link at the top of your policy summary page which can be accessed <sup>1</sup>[here](#) .

\* Need to file a claim? You can now file a claim online. [Click here](#) to get started.

\* All travel insurance refund requests must be submitted in writing within 15 days of the effective date of the policy, provided it is not past the original departure date and no claim has been initiated. Requests may be emailed to [united@aig.com](mailto:united@aig.com) or faxed to 715-345-2915.

\* All policy changes such as: change in travel dates, change in trip cost, name corrections, mailing address updates, etc., can be made online by [clicking here](#) or emailing us at [united@aig.com](mailto:united@aig.com). Please do not send credit card information via email, only policy number(s) and requested changes.

**IMPORTANT:** *If you cancel your United Airlines reservation or make any changes to your reservation, you will need to update your travel insurance policy via the self service options above or by contacting AIG Travel directly.*

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<sup>1</sup> Policy information is only accessible via the above link for one year past your travel return date.





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TAFT CA 93268



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GEN MERCHANDISE			
7tt307959t	SiG XITRILE GLOVIS	11.99	11.99 T
**** BALANCE			17.32

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CARD # \*\*\*\*\*1004  
REF: 561120410040 PUTH: 00803228  
17.32

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RIO 900000025010801  
7VR 0000008000  
TSI E800

AMEX 17.32  
CHANGE 0.00

**YOUR SAVINGS**  
Store Savings 0.70  
**Total 0.70**

**YOUR REWARDS**

Points Earned Today 16  
REWARDS AVAILABLE 1

TOTAL NUMBER OF ITEMS SOLD = 3  
02/07/24 08:11 1382 5 88 5790

Thank you for shopping Albertsons!  
For ALBERTSONS FOR U questions call  
877-276-9637 or Albertsons.com/foru

Freshens  
Denver International Airport

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**Dine In**

1 Strawberry Kale                      14.50

XXXXXXXXXXXX3560

Visa                                      15.66

Subtotal                                14.50

Tax                                        1.16

Payment                                 15.66



# Tacos Los Rabanitos

101 B St  
Taft, CA  
93268-3815  
(661) 745-4308

February 1, 2024  
3:28 PM

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Receipt: BeXu  
Authorization: 04171D

---

CHASE VISA  
AID A0 00 00 00 03 10 10

---

Custom Amount \$16.51

---

Total \$16.51  
Visa 5948  
(Contactless) \$16.51





Store Copy

Date: 02/05/24 Time: 08:52am

Reg: 6

Emp: Megan H

Check: 231580

Table: TB1

Card Type Visa

Card Number \*\*\*\*\*5948

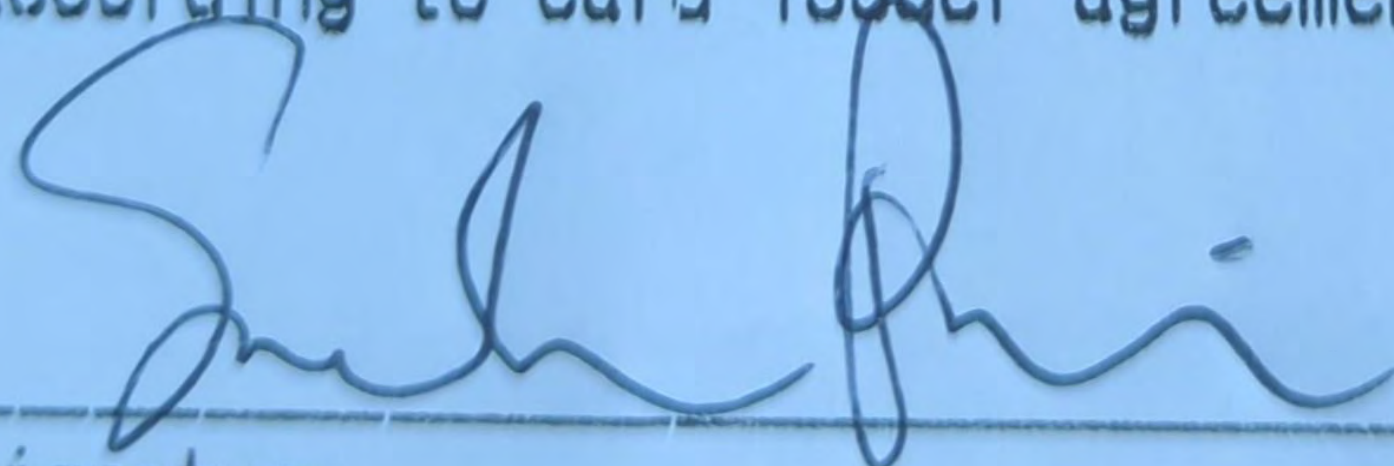
Auth Code 07495D

Amount \$25.99

Tip: 5-

Total: 30.99

I agree to pay the above total amount according to card issuer agreement

X   
Signature

RESORT - RESTAURANT - DR...



Merchant c rr

La Cima

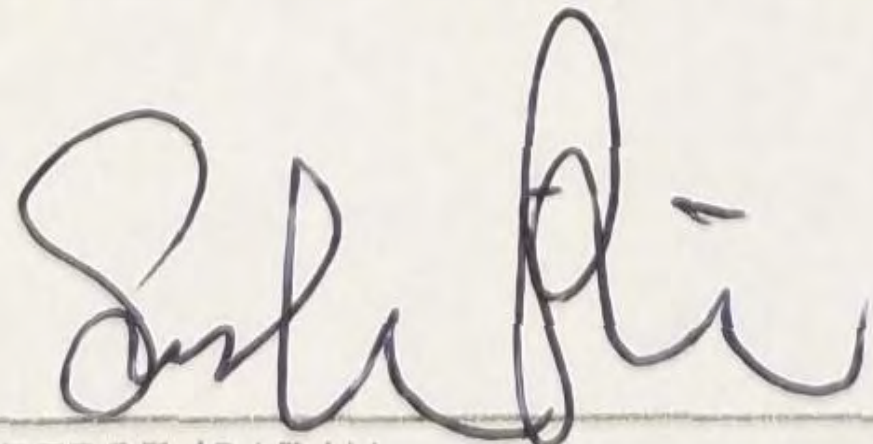
LA CIMA MEXICAN FOOD & CANTINA  
1107 KERN ST  
TAFT, CA 93268

Tue 2/6/2024 4:47:43 PM  
Check 24-1  
J90rye f.  
Stat1en CASHIER

Cardholder acknowledge receipt of goods and/or services in the amount of the TOTAL shown hereon and agrees to perform the obligations set forth in the cardholder agreement with the issuer

VISA XXXXXXXXXXXX5948 (M)  
Approval 0 3169

BASE	\$21.57
TIP	<u>4-</u>
TOTAL	<u>25.57</u>

SIGN X   
PIERCE/SARAH

Merchant Copy



SECRET COPY

Date: 02/07/24 Time: 03:49pm

Reg: 3

Emp: Summer J

Check: 231606

Table:

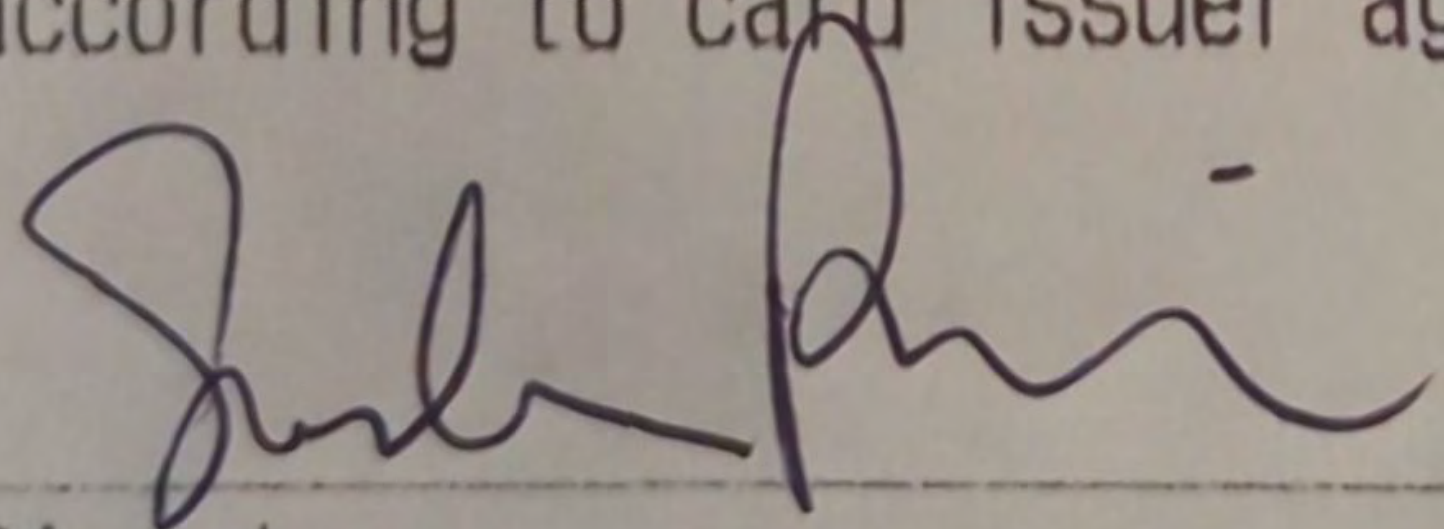
Card Type	Visa
£,vi<J Nikiikei	**4*i-tiki*t iùS48
ALItli Code	û"/1 /5D

MA BUCK Tip: 5-

MA BUCK Total: 29.59

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I agree to pay the above total according to card issuer agreement

X   
Signature



2020 L Street Suite 210  
 Sacramento, CA 95811

# 93 Invoice

Date	Invoice #
2/26/2024	5901

<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

<b>Terms</b>	<b>Project Manager</b>	<b>Ship</b>	<b>Via</b>	<b>Project</b>
Due on receipt	JK	2/26/2024	Email	

Quantity	Item Code	Description	Price Each	Amount
1	LS	Task 1 - 2023 Water Year & Calendar Year Mapping: \$3,800		3,800.00
		Task 3 - Verification of Irrigation Status for 2023: \$750		750.00

Please remit to above address.

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

**Total** \$4,550.00





**BC2 ENVIRONMENTAL**

1150 West Trenton Avenue  
 Orange, California 92867  
 Phone (714) 744-2990 Fax (714) 744-2991

**INVOICE****Bill to:**

Cuyama Basin Groundwater Sustainability Agency  
 C/O Hallmark Group  
 4900 California Ave.,  
 Tower B, 2nd Floor  
 Bakersfield, CA 93309

ATTN: Taylor Blakslee TBlakslee@hgcpm.com

Invoice Date: 4/1/2024

Invoice No.: 24-30137

BC2 Proposal #: 23-309

Site Address: New Cuyama, CA

Well Locations: **MW-H**

Job/Site Name: Cuyama Valley Groundwater Basin Sustainability Project  
 Monitoring Well Construction

Project Manager: Jim Strandberg Woodard & Curran

Site Contact: Sarah Pierce

**Payment Terms: Net 45**

**Tax I.D. Number: 83-2585853**

**Period of Performance: February 29, 2024 to March 29 ( 24 field work days)**

Item	Description	Unit	Quantity	Unit Price	Extension
1	Administration & General Conditions	Hours	0	\$250.00	\$0.00
2	Mobilization/Demobilization – Shallow Wells	Each	0	\$8,500.00	\$0.00
3	Daily Travel/Per Diem – Shallow Wells	Day	0	\$975.00	\$0.00
4	Drill Borehole to Total Depth	Feet	0	\$57.00	\$0.00
5	2.5-inch Sch 40 PVC Casing, Threaded Flush-Joint	Feet	0	\$28.00	\$0.00
6	2.5-inch Sch 40 PVC Screen 0.02-inch Slot, Threaded Flush-Joint	Feet	0	\$30.00	\$0.00
7	Sand Filter Pack (#2/16 Washed Silica Sand, or Equivalent)	Feet	0	\$20.00	\$0.00
8	Bentonite Seal (Chips)	Feet	0	\$18.00	\$0.00
9	Annular Seal (Neat Cement Grout)	Feet	0	\$12.00	\$0.00
10	Locking Steel Monument, Concrete Pad, Bollards	Each	0	\$1,800.00	\$0.00
10a	Flush Mount Well Box in 3ft x 3ft Wood Form	Each	1	\$900.00	\$900.00
11	Prevailing Wage – Shallow Wells	Day	0	\$2,100.00	\$0.00
12	Support Truck – Shallow Wells	Day	0	\$225.00	\$0.00
13	Forklift Drop-Off and Pick-Up	Each	0	\$385.00	\$0.00
14	Forklift Rental	Day	0	\$350.00	\$0.00
15	Fuel Surcharge - Shallow Wells	Day	0	\$285.00	\$0.00
16	COVID-19 Surcharge	Day	0	\$0.00	\$0.00
17	Estimated Sales Tax – Shallow Wells		0	\$0.00	\$0.00
18	Overtime – Shallow Wells (over 10hrs/day)	Hour	0	\$525.00	\$0.00
19	Standby Time – Shallow Wells	Hour	0	\$350.00	\$0.00
20	Per Diem – Site Walk – Project Management	Day	0	\$350.00	\$0.00
<b>Subtotal (Shallow Wells)</b>					<b>\$ 900.00</b>

**THANK YOU FOR SELECTING  
 BC2 ENVIRONMENTAL**

24-30137 Cuyama Basin GSA - Cuyama - Mud Rotary Site MW-H

21	Mobilization/Demobilization – Nested Wells	Each	1	\$18,000.00	\$18,000.00
22	Daily Travel/Per Diem – Nested Wells	Day	22	\$975.00	\$21,450.00
23	Conductor Casing	Feet	51	\$185.00	\$9,435.00
24	Drill Exploratory Borehole to Total Depth	Feet	860	\$80.00	\$68,800.00
25	E Log	Each	1	\$8,525.00	\$8,525.00
26	3-inch Sch 80 PVC Casing, Threaded Flush-Joint	Feet	1,550	\$45.00	\$69,750.00
27	3-inch Sch 80 PVC Screen 0.02-inch Slot, Threaded Flush-Joint	Feet	40	\$42.00	\$1,680.00
28	Sand Filter Pack (#2/16 Washed Silica Sand, or Equivalent)	Feet	75	\$43.00	\$3,225.00
29	Bentonite Seal (Chips)	Feet	765	\$50.00	\$38,250.00
30	Annular Seal (Neat Cement Grout)	Feet	60	\$38.00	\$2,280.00
31	Locking Steel Monument, Concrete Pad, Bollards	Each	0	\$2,250.00	\$0.00
32	Prevailing Wage – Nested Wells	Day	22	\$2,450.00	\$53,900.00
33	Support Truck/Compressor – Nested Wells	Day	22	\$575.00	\$12,650.00
34	Fuel Surcharge - Nested Wells	Each	1	\$4,875.00	\$4,875.00
35	Estimated Sales Tax – Nested Wells		0	\$0.00	\$0.00
36	Overtime – Nested Wells	Hour	0	\$675.00	\$0.00
37	Standby Time – Nested Wells	Hour	0	\$600.00	\$0.00
38	Site Security - if required	Day	0	\$575.00	\$0.00
<b>Subtotal (Nested Wells)</b>					<b>\$312,820.00</b>
39	Mobilization/Demobilization - Well Development	Each	0	\$6,000.00	\$0.00
40	Daily Travel/Per Diem – Well Development	Day	0	\$350.00	\$0.00
41	Prevailing Wage – Well Development	Hour	0	\$320.00	\$0.00
42	Overtime – Well Development	Hour	0	\$375.00	\$0.00
43	Standby Time – Well Development	Hour	0	\$195.00	\$0.00
44	Sound Panels - if required	Month	0	\$27,000.00	\$0.00
45	IDW - Soil Bins, Vac Truck, Haul & Disposal Fees	Cost + 15%	1.15	\$0.00	\$0.00
<b>Subtotal (Well Development)</b>					<b>\$0.00</b>
<b>SUBTOTAL</b>					<b>\$313,720.00</b>
<b>TAX</b>					
<b>MISC.</b>					
<b>BALANCE DUE</b>					<b>\$313,720.00</b>

<https://www.bc2env.com/client-survey>

**THANK YOU FOR SELECTING  
BC2 ENVIRONMENTAL**



# 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.:** 24CBGSA03  
**Date:** March 31, 2024  
**Agreement No.:** 201709-CB-001  
**Task Order:** CB-HG-009

For professional services rendered for the month of March 2024:

Task No.	Task Description	Personnel	Billing Classification	Hours	Rate	Amount
1	Board of Directors Meetings	J. Beck	Executive Director	0.00	\$ 350.00	\$ -
		T. Blasklee	Project Manager	14.75	\$ 200.00	\$ 2,950.00
		E. Banda	Project Coordinator	9.25	\$ 150.00	\$ 1,387.50
<b>Total Task 1 Labor</b>						<b>\$ 4,337.50</b>
2	Consultant Mgmt and GSP Impl	J. Beck	Executive Director	1.50	\$ 350.00	\$ 525.00
		T. Blasklee	Project Manager	7.25	\$ 200.00	\$ 1,450.00
		E. Banda	Project Coordinator	1.25	\$ 150.00	\$ 187.50
<b>Total Task 2 Labor</b>						<b>\$ 2,162.50</b>
3	Financial Information Coordination	J. Beck	Executive Director	0.00	\$ 350.00	\$ -
		J. Harris	Project Controls	4.25	\$ 250.00	\$ 1,062.50
		T. Blasklee	Project Manager	9.50	\$ 200.00	\$ 1,900.00
		H. Fuentes	Project Controls Coordinator	0.50	\$ 150.00	\$ 75.00
		E. Banda	Project Coordinator	3.50	\$ 150.00	\$ 525.00
<b>Total Task 3 Labor</b>						<b>\$ 3,562.50</b>
4	CBGSA Outreach	T. Blasklee	Project Manager	4.25	\$ 200.00	\$ 850.00
<b>Total Task 4 Labor</b>						<b>\$ 850.00</b>
5	Groundwater Extraction Fee Funding	T. Blasklee	Project Manager	0.25	\$ 200.00	\$ 50.00
<b>Total Task 5 Labor</b>						<b>\$ 50.00</b>
8	Adjudication Support	T. Blasklee	Project Manager	0.50	\$ 200.00	\$ 100.00
<b>Total Task 8 Labor</b>						<b>\$ 100.00</b>
<b>Total Labor</b>						<b>\$ 11,062.50</b>
Other Direct Costs (ODC)						\$ -
<b>Total ODC</b>						<b>\$ -</b>
<b>5% ODC Mark-Up</b>						<b>\$ -</b>
<b>TOTAL AMOUNT DUE THIS INVOICE</b>						<b>\$ 11,062.50</b>

Maximum Contract Value and Progress Billing						
Sub Task	Contract Value	Amendments/ Change Orders	Total Committed	Previously Billed	Current Billing	Remaining Balance
CB-HG-009	\$ 311,706.00	\$ -	\$ 311,706.00	\$ 153,512.50	\$ 11,062.50	\$ 147,131.00
Other Direct Costs	\$ 5,694.00	\$ -	\$ 5,694.00	\$ 5,312.23	\$ -	\$ 381.77
<b>Total</b>	<b>\$ 317,400.00</b>	<b>\$ -</b>	<b>\$ 317,400.00</b>	<b>\$ 158,824.73</b>	<b>\$ 11,062.50</b>	<b>\$ 147,512.77</b>

# CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY

## PROGRESS REPORT FOR TASK ORDER CB-HG-009

<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-009	<b>Report Period:</b>	February 1-29, 2024
<b>Progress Report Number:</b>	60	<b>Project Manager:</b>	Jim Beck
<b>Invoice Number:</b>	2024-CBGSA-02	<b>Invoice Date:</b>	February 29, 2024

## SUMMARY OF WORK PERFORMED

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

- Prepare and facilitate agenda review meetings with Standing Advisory Committee (SAC) and Board Chairs.
- Develop SAC and Board meeting packets
- Facilitate SAC meeting on February 29, 2024

### Task 2: Consultant Management and GSP Implementation

- Coordinate irrigated land use quote with Land IQ.
- Assist in development of the tech forum slides and distribute.
- Coordinate draft 5-year agreement with USGS for stream gauge operations and maintenance costs.
- Facilitate tech forum meeting on February 15, 2024.

### Task 3: Financial Information Coordination

- Billing and administration.
- Administer insurance renewal.
- Processed mail and bank deposits.
- Develop draft Fiscal Year 2024-2025 Budget.
- Review and file grant invoice No. 5.

### Task 4: Cuyama Basin GSA Outreach

- Correspondence with stakeholders on GSP components.
- Coordinate with stakeholders on modeling questions.
- Attend and workshop prep meeting with Catalyst to plan for upcoming workshops.

### Task 5: Groundwater Extraction Fee

- Track and log water use information for groundwater extraction fee.

- Correspondence with landowners on water use corrections.
- Coordinate with groundwater users regarding reporting.

**Task 7: Central Management Area Support**

- Coordinate meeting with the Central Management Area (CMA) Policy Ad hoc.
- Develop CMA 2023 allocation report.

**Task 8: Adjudication Discussions**

- Send basin information to stakeholders.
- Coordinate with legal to post adjudication documents on the website.

**Task 9: Enforcement of Un-Reported Water Use**

- Continue strategy development for enforcement of un-reported pumpers.

**PLANNED OBJECTIVES FOR NEXT REPORTING PERIOD**

- Prepare and facilitate SAC meeting on February 29, 2024.
- Prepare for Cuyama Basin GSA Board meeting on March 6, 2024.
- Summarize 2023 groundwater reporting.
- Develop 2023 Central Management Area Allocation Report.

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

- N/A

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

Bill #: 91156026  
Customer: 600007725  
Date: 04/26/2024  
Due Date: 06/25/2024

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

Payer: CUYAMA BASIN GROUNDWATER  
SUSTAINABILITY  
AGENCY  
500 Capitol Mall, Suite 2350  
Sacramento CA 95814

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	
04/26/2024	Quarterly billing for cooperative water resource investigations per Joint Funding Agreement (JFA) 24ZGJFA06000040, between Cuyama Basin Groundwater Sustainability Agency and the USGS. This JFA was accepted by your agency on 3/14/2024.  Quarterly bills cover billing periods as follows: Federal FY Qtr 1 10/01/2023 - 12/31/2023 Federal FY Qtr 2 01/01/2024 - 03/31/2024 Federal FY Qtr 3 04/01/2024 - 06/30/2024 Federal FY Qtr 4 07/01/2024 - 09/30/2024 24ZGJFA06000040	1	13,150.00	1	13,150.00

Amount Due this Bill: 13,150.00

Accounting Classification:  
Sales Order: 120668  
Sales Office: GWZG  
Customer: 600007725  
Accounting #: 10737697

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

## Progress Report



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### Cuyama Basin Groundwater Sustainability Plan Development

**Subject:** March 2024 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 23, 2024  
**Project No.:** 0011078.01

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This progress report summarizes the work performed and project status for the period of February 24, 2024 through March 29, 2024 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 11, issued by the CBGSA on May 2, 2023. Work previously authorized on Task Orders 1 through 10 are complete.

The progress report contains the following sections:

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

## 1 Work Performed

A summary of work performed on the project during the current reporting period is provided in Table 1.

**Table 1: Summary of Task/Deliverables Status for Task Order 11**

Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 54: FY23-24 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 Tech Forum and Policy Ad-hoc calls</li> <li>• Prepare materials for SAC and Board meetings</li> <li>• Prepare for and participate in March 6 Board meeting</li> <li>• Updates to GSA website</li> </ul>	80%	<ul style="list-style-type: none"> <li>• Participation in future ad-hoc calls</li> <li>• Preparation for and participation in future public workshops, CBGSA Board and SAC meetings</li> </ul>
<b>Task 55: FY23-24 Grant Administration</b>	<ul style="list-style-type: none"> <li>• Coordination, budget and schedule management related to grant tasks</li> <li>• Finalization and submittal of grant invoice #6</li> <li>• Prepare documentation for DWR invoices</li> </ul>	70%	<ul style="list-style-type: none"> <li>• Prepare sixth grant invoice and submit to DWR</li> <li>• Further grant administration and invoicing</li> </ul>
<b>Task 56: FY23-24 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>• Prepare site plans and landowner agreements for well site locations</li> <li>• Managed drilling subconsultant to perform installation of multi-completion monitoring wells, including field management of drilling contractor and development of well logs</li> <li>• Perform traffic safety for monitoring well installation</li> </ul>	70%	<ul style="list-style-type: none"> <li>• Program management, coordination and data management related to monitoring activities</li> <li>• Continue preparation of permits and agreements for well locations</li> <li>• Continued support for installation of multi-completion monitoring wells</li> </ul>



Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 57: FY23-24 Project and Management Action Implementation</b>	<ul style="list-style-type: none"> <li>• Performed updates to model data for CBWRM updates</li> <li>• Review and update of model land use and water use data</li> <li>• Update CBWRM model geology data using AEM data</li> <li>• Develop potential future approaches for management action implementation</li> <li>• Develop refined pumping allocation implementation options</li> </ul>	65%	<ul style="list-style-type: none"> <li>• Ongoing PMA implementation support including analysis and material preparation</li> <li>• Continue basin model update</li> <li>• Continue water rights analysis</li> </ul>
<b>Task 58: FY23-24 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>• </li> </ul>	70%	<ul style="list-style-type: none"> <li>• Ongoing support for GSP implementation, outreach and compliance activities</li> <li>• Finalize Annual Report and submit DWR</li> </ul>
<b>Task 59: Prepare Five Year Update</b>	<ul style="list-style-type: none"> <li>• Refined options for projects and management actions for Board consideration</li> <li>• Develop options for project and management action implementation</li> <li>• Develop draft revised GSP Chapters 2, including GW Conditions and HCM updates</li> <li>• Develop draft revised GSP Chapters 3 and 5</li> </ul>	70%	<ul style="list-style-type: none"> <li>• Continued review of data relevant to the GSP and development of potential technical updates</li> <li>• Continued update and development of GSP approaches for Board consideration</li> <li>• Develop draft revised GSP Chapters 2, 3 and 5 and submit to DWR Board for review</li> </ul>
<b>Task 60: FY23-24 Improve Understanding of Basin Water Use</b>	<ul style="list-style-type: none"> <li>• None</li> </ul>	40%	<ul style="list-style-type: none"> <li>• Continued support for weather station and land use project implementation</li> </ul>
<b>Task 61: FY23-24 Preparation of Grant Proposal</b>	<ul style="list-style-type: none"> <li>• None</li> </ul>	0%	<ul style="list-style-type: none"> <li>• None</li> </ul>

Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 62: Perform Fault Investigation</b>	<ul style="list-style-type: none"> <li>• Planning and scoping of fault investigations activities, including coordination with potential subconsultants</li> <li>• Perform geophysical analysis of Russell Fault</li> <li>• Post analysis of geophysical data of Santa Barbara Canyon Fault</li> </ul>	45%	<ul style="list-style-type: none"> <li>• Continued data analysis and field work for fault investigation</li> </ul>
<b>Task 63.1: Support for DWR Technical Support Services</b>	<ul style="list-style-type: none"> <li>• None</li> </ul>	0%	<ul style="list-style-type: none"> <li>• Support DWR TSS activities as needed</li> </ul>
<b>Task 63.2: Well Permit Review</b>	<ul style="list-style-type: none"> <li>• None</li> </ul>	5%	<ul style="list-style-type: none"> <li>• Additional well permit reviews as requested</li> </ul>
<b>Task 63.3: Website Redesign</b>	<ul style="list-style-type: none"> <li>• None</li> </ul>	0%	<ul style="list-style-type: none"> <li>• None</li> </ul>

## 2 Budget Status

Table 2 shows the percent spent for each task under Task Order 11 as of March 29, 2024. 66% of the available Task Order 11 budget has been expended (\$1,598,244.84 out of \$2,436,117).

A budget amendment request has been submitted to the Board for additional funding of \$177,698 on Task 56 to cover previously unanticipated traffic safety costs. This amendment request has not been included in Table 2.

**Table 2: Budget Status for Task Order 11**

Task	Total Budget	Spent Previously	Spent this Period	Total Spent to Date	Budget Remaining	% Spent to Date
54	\$153,530.00	\$109,754.77	\$12,693.38	\$122,448.15	\$31,081.85	80%
55	\$99,940.00	\$56,775.00	\$6,318.75	\$63,093.75	\$36,846.25	63%
56	\$323,350.00	\$181,994.51	\$163,196.33	\$345,190.84	(\$21,840.84)	107%
57	\$541,220.00	\$273,362.24	\$65,750.00	\$339,112.24	\$202,107.76	63%
58	\$114,980.00	\$71,633.75	\$6,600.00	\$78,233.75	\$36,746.25	68%
59	\$688,500.00	\$394,407.59	\$74,236.25	\$468,643.84	\$219,856.16	68%
60	\$101,892.00	\$39,742.70	\$0.00	\$39,742.70	\$62,149.30	39%
61	\$41,980.00	\$0.00	\$0.00	\$0.00	\$41,980.00	0%
62	\$329,730.00	\$67,347.32	\$74,097.25	\$141,444.57	\$188,285.43	43%
63.1	\$20,050.00	\$0.00	\$0.00	\$0.00	\$20,050.00	0%
63.2	\$12,030.00	\$335.00	\$0.00	\$335.00	\$11,695.00	3%
63.3	\$8,915.00	\$0.00	\$0.00	\$0.00	\$8,915.00	0%
<b>Total</b>	<b>\$2,436,117.00</b>	<b>\$1,195,352.88</b>	<b>\$402,891.96</b>	<b>\$1,598,244.84</b>	<b>\$837,872.16</b>	<b>66%</b>

### 3 Schedule Status

The project is on schedule. Work authorized under Task Orders 1 through 10 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** 106

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 24, 2024  
 Project No: 0011078.01  
 Invoice No: 233377

Project 0011078.01 CUYAMA GSP

**Professional Services for the period ending March 29, 2024**

Phase 054 FY 23/24 STAKEHOLDER/BOARD AND OUTREACH ENGAGEMENT SUPPORT

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Designer				
Fox, Adam	4.00	210.00	840.00	
Project Planner 1				
Eggleton, Charles	4.25	280.00	1,190.00	
O'Callaghan, Ariel	1.00	280.00	280.00	
Senior Project Manager				
Van Lienden, Brian	20.50	355.00	7,277.50	
<b>Totals</b>	<b>29.75</b>		<b>9,587.50</b>	
<b>Labor Total</b>				<b>9,587.50</b>

**Reimbursable**

Vehicle Expenses			
1/10/2024	Van Lienden, Brian	CBGSA Board Meeting	207.70
1/11/2024	Van Lienden, Brian	CBGSA Board Meeting	207.70
3/6/2024	Van Lienden, Brian	CBGSA Board Meeting	207.70
3/7/2024	Van Lienden, Brian	CBGSA Board Meeting	207.70
Travel & Lodging			
1/10/2024	Van Lienden, Brian	CBGSA Board Meeting	137.69
1/10/2024	Van Lienden, Brian	CBGSA Board Meeting	14.04
3/6/2024	Van Lienden, Brian	CBGSA Board Meeting	135.89

Project	0011078.01	CUYAMA GSP	Invoice	233377
	3/6/2024	Van Lienden, Brian	CBGSA Board Meeting	13.85
		<b>Reimbursable Total</b>	<b>1.1 times</b>	<b>1,132.27</b>
				<b>1,245.50</b>

**Consultant**

Sub - Consultant Miscellaneous				
	3/29/2024	THE CATALYST GROUP	THE CATALYST GROUP - Inv# 869	1,691.25
		<b>Consultant Total</b>	<b>1.1 times</b>	<b>1,691.25</b>
				<b>1,860.38</b>
			<b>Total this Phase</b>	<b>\$12,693.38</b>

Phase 055 FY 23/24 GRANT ADMIN

**Professional Personnel**

	Hours	Rate	Amount	
Planner 3				
Valenzuela, George	9.25	265.00	2,451.25	
Project Planner 1				
Valenzuela, George	.50	280.00	140.00	
Senior Project Manager				
Van Lienden, Brian	10.50	355.00	3,727.50	
Totals	20.25		6,318.75	
		<b>Labor Total</b>		<b>6,318.75</b>
			<b>Total this Phase</b>	<b>\$6,318.75</b>

Phase 056 FY 23/24 ONGOING MONITORING SUPPORT AND ENHANCEMENTS

**Professional Personnel**

	Hours	Rate	Amount	
Drafter				
Drumm, Stephanie	56.00	160.00	8,960.00	
Kelly, Patrick	113.25	160.00	18,120.00	
Li Guan, Javier	2.50	160.00	400.00	
Pierce, Sarah	50.00	160.00	8,000.00	
Senior Project Manager				
Strandberg, James	5.00	355.00	1,775.00	
Totals	226.75		37,255.00	
		<b>Labor Total</b>		<b>37,255.00</b>

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Project	0011078.01	CUYAMA GSP	Invoice	233377
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**Reimbursable**

## Vehicle Expenses

2/17/2024	Gray, Keith	well logging/geophysical observation	68.47
2/21/2024	Gray, Keith	well logging/geophysical observation	67.70
2/28/2024	Strandberg, James	0011078.01 J Strandberg Mileage to site	154.10
2/29/2024	Strandberg, James	0011078.01 J Strandberg Mileage from site	154.10
3/2/2024	Kelly, Patrick	Well installation oversight	77.89
3/6/2024	Kelly, Patrick	Well installation oversight	40.00
3/7/2024	Kelly, Patrick	Well installation oversight	84.57
3/8/2024	Kelly, Patrick	Well installation oversight	65.19
3/9/2024	Kelly, Patrick	Well installation oversight	747.44
3/17/2024	Strandberg, James	0011078.01 J Strandberg Mileage	187.60
3/18/2024	Strandberg, James	0011078.01 J Strandberg Mileage	65.66
3/19/2024	Strandberg, James	0011078.01 J Strandberg Mileage	65.66
3/20/2024	Strandberg, James	0011078.01 J Strandberg Mileage	187.60
3/20/2024	Pierce, Sarah	Field work travel	43.95
3/22/2024	Pierce, Sarah	Travel	36.20
3/23/2024	Pierce, Sarah	Travel	758.37

## Travel &amp; Lodging

2/28/2024	Kelly, Patrick	Well installation oversight	64.79
2/28/2024	Strandberg, James	J Strandberg March Expenses	158.39
3/10/2024	Kelly, Patrick	Well installation oversight	85.51
3/17/2024	Strandberg, James	0011078.01 J Strandberg Hotel	168.29
3/18/2024	Strandberg, James	0011078.01 J Strandberg Hotel	158.39
3/18/2024	Pierce, Sarah	Travel	14.88
3/18/2024	Pierce, Sarah	Travel	148.79
3/18/2024	Pierce, Sarah	Field work travel	78.55
3/19/2024	Pierce, Sarah	Travel	14.88

Project	0011078.01	CUYAMA GSP	Invoice	233377
3/19/2024	Pierce, Sarah	Travel	148.79	
3/19/2024	Strandberg, James	0011078.01 J Strandberg Hotel	158.39	
3/20/2024	Pierce, Sarah	Travel	14.88	
3/20/2024	Pierce, Sarah	Travel	148.79	
3/21/2024	Pierce, Sarah	Travel	148.79	
3/21/2024	Pierce, Sarah	Travel	14.88	
3/26/2024	Drumm, Stephanie	Cuyama Field Work Trip	14.40	
3/26/2024	Drumm, Stephanie	Cuyama Field Work Trip	143.99	
3/27/2024	Drumm, Stephanie	Cuyama Field Work Trip	14.40	
3/27/2024	Pierce, Sarah	Travel	71.24	
3/27/2024	Drumm, Stephanie	Cuyama Field Work Trip	143.99	
3/28/2024	Drumm, Stephanie	Cuyama Field Work Trip	14.40	
3/28/2024	Drumm, Stephanie	Cuyama Field Work Trip	143.99	
3/29/2024	Drumm, Stephanie	Cuyama Field Work Trip	15.30	
3/29/2024	Drumm, Stephanie	Cuyama Field Work Trip	152.99	
Meals				
2/14/2024	Gray, Keith	well logging/geophysical observation	23.35	
2/15/2024	Gray, Keith	well logging/geophysical observation	22.14	
2/17/2024	Gray, Keith	well logging/geophysical observation	22.07	
2/19/2024	Gray, Keith	well logging/geophysical observation	26.05	
2/20/2024	Gray, Keith	well logging/geophysical observation	12.39	
2/22/2024	Gray, Keith	well logging/geophysical observation	13.73	
2/28/2024	Strandberg, James	J Strandberg March Expenses	43.02	
2/28/2024	Strandberg, James	J Strandberg March Expenses	10.00	
2/28/2024	Strandberg, James	0011078.01 J Strandberg Lunch	8.00	
2/29/2024	Strandberg, James	J Strandberg Housekeeping Tip	5.00	
2/29/2024	Kelly, Patrick	Well installation oversight	9.60	
3/1/2024	Kelly, Patrick	Well installation oversight	16.32	



Project	0011078.01	CUYAMA GSP	Invoice	233377
3/2/2024	Kelly, Patrick	Well installation oversight	21.60	
3/2/2024	Kelly, Patrick	Well installation oversight	20.68	
3/3/2024	Kelly, Patrick	Well installation oversight	24.99	
3/4/2024	Kelly, Patrick	Well installation oversight	11.01	
3/5/2024	Kelly, Patrick	Well installation oversight	24.03	
3/6/2024	Kelly, Patrick	Well installation oversight	21.65	
3/7/2024	Kelly, Patrick	Well installation oversight	10.25	
3/7/2024	Kelly, Patrick	Well installation oversight	32.72	
3/8/2024	Kelly, Patrick	Well installation oversight	24.31	
3/9/2024	Kelly, Patrick	Well installation oversight	23.19	
3/17/2024	Strandberg, James	0011078.01 J Strandberg Dinner	6.00	
3/17/2024	Strandberg, James	0011078.01 J Strandberg Dinner	17.83	
3/18/2024	Pierce, Sarah	Field work travel	12.48	
3/18/2024	Pierce, Sarah	Field work travel	32.30	
3/18/2024	Pierce, Sarah	Field work travel	6.40	
3/19/2024	Pierce, Sarah	Field work travel	19.65	
3/19/2024	Strandberg, James	0011078.01 J Strandberg Housekeeping Tip	5.00	
3/19/2024	Strandberg, James	0011078.01 J Strandberg Lunch	7.00	
3/20/2024	Strandberg, James	0011078.01 J Strandberg Dinner	57.09	
3/20/2024	Strandberg, James	0011078.01 J Strandberg Dinner	8.00	
3/20/2024	Strandberg, James	0011078.01 J Strandberg Dinner	37.11	
3/20/2024	Pierce, Sarah	Field work travel	19.21	
3/20/2024	Pierce, Sarah	Field work travel	36.46	
3/20/2024	Pierce, Sarah	Field work travel	6.25	
3/21/2024	Pierce, Sarah	Field work travel	19.67	
3/21/2024	Pierce, Sarah	Field work travel	15.50	
3/22/2024	Pierce, Sarah	Field work travel	38.85	
3/22/2024	Pierce, Sarah	Field work travel	32.30	
3/26/2024	Drumm, Stephanie	Cuyama Field Work Trip	22.14	
3/26/2024	Drumm, Stephanie	Cuyama Field Work Trip	21.00	
3/26/2024	Drumm, Stephanie	Cuyama Field Work Trip	19.22	

Project	0011078.01	CUYAMA GSP	Invoice	233377
3/27/2024	Drumm, Stephanie	Cuyama Field Work Trip	20.68	
3/27/2024	Pierce, Sarah	Travel	5.25	
3/27/2024	Pierce, Sarah	Travel	7.25	
3/27/2024	Pierce, Sarah	Travel	15.17	
3/27/2024	Pierce, Sarah	Travel	43.88	
3/28/2024	Drumm, Stephanie	Cuyama Field Work Trip	19.16	
3/29/2024	Drumm, Stephanie	Cuyama Field Work Trip	20.02	
<b>Airfare</b>				
2/28/2024	Kelly, Patrick	Well installation oversight	40.00	
3/8/2024	Kelly, Patrick	Well installation oversight	35.00	
3/12/2024	Pierce, Sarah	Travel	204.10	
3/18/2024	Pierce, Sarah	Field work travel	263.10	
<b>Miscellaneous</b>				
2/28/2024	Strandberg, James	0011078.01 J Strandberg Meal	11.00	
3/17/2024	Strandberg, James	0011078.01 J Strandberg Dinner	9.99	
3/20/2024	Strandberg, James	0011078.01 J Strandberg Monitoring Well	300.00	
3/20/2024	Strandberg, James	0011078.01 J Strandberg Dinner	5.00	
<b>Meals non-deductible</b>				
3/8/2024	Kelly, Patrick	Well installation oversight	37.27	
	<b>Reimbursable Total</b>	<b>1.1 times</b>	<b>6,948.62</b>	<b>7,643.48</b>
<b>Consultant</b>				
Sub - Consultant Miscellaneous				
3/29/2024	Bess Testlab, Inc	Bess Testlab, Inc Inv# 48615	83,243.50	
Sub - Traffic				
2/23/2024	Bess Testlab, Inc	0011078.01 Traffic Control	24,300.00	
	<b>Consultant Total</b>	<b>1.1 times</b>	<b>107,543.50</b>	<b>118,297.85</b>
		<b>Total this Phase</b>		<b>\$163,196.33</b>

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Phase 057 FY 23/24 PROJECT & MANAGEMENT ACTION IMPLEMENTATION

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Project	0011078.01	CUYAMA GSP	Invoice	233377
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**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Engineer 1				
Hunt, Devin	75.75	210.00	15,907.50	
Planner 3				
Honn, Emily	.50	265.00	132.50	
Project Assistant				
Sentz-Casas, Christine	1.75	140.00	245.00	
Project Planner 1				
Eggleton, Charles	7.25	280.00	2,030.00	
Honn, Emily	1.00	280.00	280.00	
Senior Project Manager				
Strandberg, James	12.00	355.00	4,260.00	
Van Lienden, Brian	15.00	355.00	5,325.00	
Senior Technical Manager				
Namvargolian, Ramiz	10.50	355.00	3,727.50	
Technical Manager 1				
Ceyhan, Mahmut	24.00	315.00	7,560.00	
Demarco, Christopher	9.00	315.00	2,835.00	
Technical Manager 2				
Demarco, Christopher	70.50	330.00	23,265.00	
Senior Technical Leader				
Blanke, James	.50	365.00	182.50	
Totals	227.75		65,750.00	
<b>Labor Total</b>				<b>65,750.00</b>
				<b>Total this Phase</b>
				<b>\$65,750.00</b>

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Phase	058	FY 23/24 GSP IMPLEMENTATION, OUTREACH, AND COMPLIANCE ACTIVITIES
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**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Project Planner 1			
Eggleton, Charles	4.75	280.00	1,330.00
Project Planner 2			
Eggleton, Charles	1.00	295.00	295.00
Senior Project Manager			
Strandberg, James	12.00	355.00	4,260.00

Project	0011078.01	CUYAMA GSP			Invoice	233377
	Van Lienden, Brian		1.50	355.00	532.50	
	Senior Technical Leader					
	Blanke, James		.50	365.00	182.50	
	Totals		19.75		6,600.00	
	<b>Labor Total</b>					<b>6,600.00</b>
					<b>Total this Phase</b>	<b>\$6,600.00</b>

Phase 059 FY 23/24 PREPARE 5 YEAR GSP UPDATE

### Professional Personnel

	Hours	Rate	Amount
Engineer 1			
Camille, Adrien	11.00	210.00	2,310.00
Hunt, Devin	64.00	210.00	13,440.00
Engineer 2			
Camille, Adrien	27.50	240.00	6,600.00
Koerth, Nicole	4.50	240.00	1,080.00
Engineer 3			
Larson, Eric	.50	265.00	132.50
Project Engineer 1			
Larson, Eric	14.50	280.00	4,060.00
Project Manager 1			
Lucy, Caleb	10.75	315.00	3,386.25
Project Planner 1			
Eggleton, Charles	22.00	280.00	6,160.00
O'Callaghan, Ariel	35.50	280.00	9,940.00
Project Planner 2			
Eggleton, Charles	28.25	295.00	8,333.75
Senior Project Manager			
Strandberg, James	31.50	355.00	11,182.50
Van Lienden, Brian	11.50	355.00	4,082.50
Technical Manager 1			
Miller, Sara	2.25	315.00	708.75
Simon, Ralph	2.00	315.00	630.00

Project	0011078.01	CUYAMA GSP	Invoice	233377
	Senior Technical Leader			
	Taghavi, Ali		6.00	365.00
	Totals		271.75	74,236.25
	<b>Labor Total</b>			<b>74,236.25</b>
	<b>Total this Phase</b>			<b>\$74,236.25</b>

Phase 062 FY 23/24 PERFORM FAULT INVESTIGATION

#### Professional Personnel

	Hours	Rate	Amount
Drafter			
Pierce, Sarah	32.00	160.00	5,120.00
Senior Project Manager			
Strandberg, James	48.25	355.00	17,128.75
Totals	80.25		22,248.75
<b>Labor Total</b>			<b>22,248.75</b>

#### Consultant

Sub - Consultant Miscellaneous			
3/29/2024	SPECTRUM	0011078.01 Elect Res Data	47,135.00
	ENVIRONMENTAL SERVICES	Collection	
	INC		
<b>Consultant Total</b>		<b>1.1 times</b>	<b>47,135.00</b>
		<b>Total this Phase</b>	<b>\$74,097.25</b>
		<b>Total this Invoice</b>	<b>\$402,891.96</b>

#### Outstanding Invoices

Number	Date	Balance
232092	3/22/2024	227,528.18
<b>Total</b>		<b>227,528.18</b>

	Current Fee	Previous Fee	Total
<b>Project Summary</b>	<b>402,891.96</b>	<b>5,871,347.46</b>	<b>6,274,239.42</b>

Approved by:



Brian Van Lienden  
Senior Project Manager  
Woodard & Curran

**The Catalyst Group, Inc.**  
 25 Brushwood Lane  
 Greenbrae, CA 94904  
 +1 4155242080  
 Charles@CatalystGroupCA.com  
 www.CatalystGroupCA.com

**BILL TO**

Brian Van Lienden  
 Woodard & Curran  
 801 T Street  
 Sacramento, CA 95811

**INVOICE 869****DATE** 04/04/2024 **TERMS** Net 90**DUE DATE** 07/03/2024

DATE	ACCOUNT SUMMARY	AMOUNT
03/04/2024	Balance Forward	3,830.00
	Other payments and credits after 03/04/2024 through 04/03/2024	-1,822.50
04/04/2024	Other invoices from this date	0.00
	New charges (details below)	1,691.25
	<b>Total Amount Due</b>	<b>3,698.75</b>

DATE	ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
03/06/2024	<b>Task 10-Gardiner</b>	Board meeting	4:15	225.00	956.25
03/12/2024	<b>Task 10-Pope</b>	Workshop planning	0:45	170.00	127.50
03/12/2024	<b>Task 10-Gardiner</b>	Workshop planning call	1:00	225.00	225.00
03/13/2024	<b>Task 10-Pope</b>	scheduling	0:15	170.00	42.50
03/25/2024	<b>Task 10-Pope</b>	scheduling	0:15	170.00	42.50
03/26/2024	<b>Task 10-Pope</b>	Workshop plan	1:45	170.00	297.50

**TOTAL OF NEW CHARGES** 1,691.25

**TOTAL DUE** **\$3,698.75**

The Catalyst Group, Inc.



Woodard &amp; Curran

Project Manager:

Original Contract Amount (Task Order 1)

Task Order 2

Task Order 3

Task Order 4

Task Order 5

Task Order 6

Billing Summary

Cuyama GSP

Brian Van Lienden

\$32,000.00

\$49,575.00

\$50,000.00

\$61,291.00

\$13,500.00

\$16,939.00

## Invoices

## Payments

Date	No. Task 1	Task 10	Expenses	Total	Date	Amount	Owed
2/2/2021	529	\$0.00	\$885.00	\$0.00	3/2/2021	\$885.00	\$0.00
3/3/2021	537	\$0.00	\$582.50	\$0.00	3/29/2021	\$582.50	\$0.00
5/4/2021	546	\$0.00	\$1,307.50	\$0.00	9/15/2021	\$1,307.50	\$0.00
6/2/2021	556	\$0.00	\$2,033.75	\$0.00	9/14/2021	\$2,033.75	\$0.00
7/8/2021	570	\$0.00	\$400.00	\$0.00	9/14/2021	\$400.00	\$0.00
8/5/2021	575	\$0.00	\$953.75	\$0.00	11/16/2021	\$953.75	\$0.00
9/8/2021	584	\$0.00	\$1,792.50	\$419.80	11/16/2021	\$2,212.30	\$0.00
12/2/2021	609	\$0.00	\$1,561.25	\$0.00	1/24/2022	\$1,561.25	\$0.00
2/2/2022	626	\$0.00	\$371.25	\$0.00	3/22/2022	\$371.25	\$0.00
3/2/2022	635	\$0.00	\$651.25	\$0.00	5/24/2022	\$651.25	\$0.00
4/5/2022	645	\$0.00	\$1,510.00	\$0.00	5/24/2022	\$1,510.00	\$0.00
5/3/2022	652	\$0.00	\$1,541.25	\$0.00	7/18/2022	\$1,541.25	\$0.00
6/3/2022	664	\$0.00	\$491.25	\$0.00	7/6/2022	\$491.25	\$0.00
7/6/2022	675	\$0.00	\$1,765.00	\$0.00	9/20/2022	\$1,765.00	\$0.00
8/6/2022	684	\$0.00	\$1,280.00	\$0.00	9/20/2022	\$1,280.00	\$0.00
9/5/2022	690	\$0.00	\$913.75	\$0.00	12/28/2022	\$913.75	\$0.00
10/10/2022	699	\$0.00	\$200.00	\$0.00	11/8/2022	\$200.00	\$0.00
12/8/2022	723	\$0.00	\$560.00	\$0.00	1/10/2023	\$560.00	\$0.00
4/4/2023	760	\$0.00	\$152.50	\$0.00	5/1/2023	\$152.50	\$0.00
7/6/2023	789	\$0.00	\$493.75	\$0.00	8/8/2023	\$493.75	\$0.00
8/4/2023	797	\$0.00	\$1,445.00	\$0.00	10/3/2023	\$1,445.00	\$0.00
9/6/2023	803	\$0.00	\$3,442.50	\$0.00	11/21/2023	\$3,442.50	\$0.00
10/9/2023	814	\$0.00	\$8,672.75	\$0.00	11/21/2023	\$8,672.75	\$0.00
11/6/2023	827	\$0.00	\$8,870.00	\$846.62	1/30/2024	\$9,716.62	\$0.00
12/10/2023	834	\$0.00	\$535.00	\$0.00	1/9/2024	\$535.00	\$0.00
1/5/2024	845	\$0.00	\$621.25	\$0.00			\$621.25
2/4/2024	857	\$0.00	\$1,822.50	\$0.00	3/26/2024	\$1,822.50	\$0.00
3/4/2024	860	\$0.00	\$1,386.25	\$0.00			\$1,386.25
4/4/2024	869	\$0.00	\$1,691.25	\$0.00			\$1,691.25
<b>Totals</b>		<b>\$28,133.75</b>	<b>\$200,412.25</b>	<b>\$22,389.06</b>	<b>\$250,935.06</b>		
<b>Current Due</b>					<b>\$1,691.25</b>	<b>Remaining Owed</b>	<b>\$3,698.75</b>
<b>Total Budget</b>					<b>\$223,305</b>		
<b>Remaining Budget</b>					<b>-\$27,630.06</b>		





## Monthly Progress Report – March 2024

**To:** Brian Van Lienden

**From:** Aaron Pope

**Date:** April 4, 2024

**Re:** March 2024 Progress Report

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The following summarizes the Catalyst activities for the Cuyama Groundwater Sustainability Plan for March 2024.

### **Work Completed**

- Scheduled and participated in a workshop planning meeting.
- Reviewed project documents.
- Participated in the March Board meeting.

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

- Coordinate with the project team.
- Plan the next community workshop.
- Attend SAC and Board meetings as requested.

### **Issues for Resolution**

- None.



## Costco Anywhere Visa® Card by Citi - 4762

### Transaction Details

Date	Name	Description	Amount
Jan 11, 2024	BRIAN J VAN LIENDEN	BEST WESTERN KETTLEMAN KETTLEMAN CITCA PHONE NUMBE...	\$151.73

#### Additional Details

Purchased On	Jan 11, 2024
Posted On	Jan 11, 2024
Spend Category	Best Western Hotels
Merchant Country	United States

Kettleman City Inn Ef Suites  
 33410 POWERS DR  
 PO Box 539  
 KETTLEMAN CITY, CA 93239



**119**  
 (559) 386-0804  
 bwkc05570#gmail.com

03/07/2024 09:01 AM

Registered To:

VANLIENDEN, BRIAN  
 1329 COX DR  
 WOODLÂND, CA 95776  
 UNITED STATES

(207) 874 7400

Room # 104-A  
 Conf # 280622379-01  
 Arrival 03/06/24  
 Departure 03/07/24  
 Room Type Guesn KNS-1 KING NON-SMO!  
 1 1 0  
 Payment Visa/Master  
 Acct XXXX-XXXX-XXXX-4762

Post)	g e	Ac	de	Desc i ti	fe e e	un
03/06/24	Martha	RC		ROOM CHRG REVENUE		f135.89
03/06/24	Martha	9		SALESTAX		\$13.59
03/06/24	Martha	TT		Tourism Tax		\$0.26
03/07/24	adamar	VS		PAYMENT VISA/MC	4762 - 34483D	(\$149.74)
<u>Balance ue</u>						f0 00

THE UNDERSIGNED GUEST AGREES TO PAY THE AMOUNT INDICATED ON THE BALANCE DUE PORTION OF THIS INVOICE. IF THE CHARGES ARE TO BE BILLED TO A THIRD PARTY, THE UNDERSIGNED AGREES TO BE PERSONALLY LIABLE FOR PAYMENT OF THE CHARGES IN THE EVENT THAT THE INDICATED THIRD PARTY, PERSON, COMPANY OR ASSOCIATION FAILS TO PAY FOR ANY PART OR THE FULL AMOUNT OF SUCH CHARGES.

X \_\_\_\_\_  
 GUEST SIGNATURE

\_\_\_\_\_  
 Signature

Each Best Western® branded hotel is independently owned and operated.

BESS TESTLAB, INC.

120

# Invoice

2463 TRIPALDI WAY

2463 TRIPALDI WAY,  
HAYWARD, CA 94545

Date	Invoice #
4/12/2024	48615

Bill To
<p><b>WOODARD &amp; CURRAN</b> C/O Concur Invoice Capture 10700 Prairie Lakes Drive Eden Prairie, MN 55344</p>

Make checks payable to:  
BESS TESTLAB, INC.  
2463 Tripaldi Way,  
Hayward, CA 94545

P.O. No.	Terms	Due Date
	NET 30	5/12/2024

Item	Description	Qty	Unit Price	Amount
	<p>Contract #: 2023-05-11 ICA Jobsite: Multiple Locations in Santa Barbara &amp; San Luis Obispo Services performed on: 1/31, 2/3, 2/6, 2/7, 2/8, 2/9, 2/10, 2/14, 2/15, 2/16, 2/17, 2/18, 2/19, 2/20, 2/21, 2/22, 2/23, 2/28, 2/29, 3/1, 3/2, 3/3, 3/16 &amp; 3/17/24 Ordered by: Jim Strandberg BTL Technicians: Johnny, BTL Job#: 22-3-1528</p>			
T-101	<p>1 Person Traffic Control - Standard Services Performed on: 1/31, 2/6, 2/7, 2/8, 2/14, 2/15, 2/16, 2/19, 2/20, 2/21, 2/22, 2/23, 2/28, 2/29, 3/1, 3/4, 3/5, 3/6, 3/7, 3/8, 3/13, 3/14, 3/15, 3/18, 3/19, 3/20, 3/21 &amp; 3/22/24</p>	30	1,630.00	48,900.00
T-105	1 Person Traffic Control - OT	21	218.40	4,586.40
T-107	<p>2 Person Traffic Control (Safety Network) Services Performed on: 2/15/24</p>	1	2,440.00	2,440.00
T-108	<p>2 Person Traffic Control- OT (Safety Network) Services Performed on: 2/16/24</p>	1	347.10	347.10
T-102	<p>1 Person Traffic Control OT/Saturday Rate Services Performed on: 2/3, 2/17, 3/2, 3/16/24</p>	4	2,445.00	9,780.00

<b>Total</b>
<b>Payments/Credits</b>
<b>Balance Due</b>

BESS TESTLAB, INC.

121

# Invoice

2463 TRIPALDI WAY

2463 TRIPALDI WAY,  
HAYWARD, CA 94545

Date	Invoice #
4/12/2024	48615

Bill To
<p>WOODARD &amp; CURRAN C/O Concur Invoice Capture 10700 Prairie Lakes Drive Eden Prairie, MN 55344</p>

Make checks payable to:  
BESS TESTLAB, INC.  
2463 Tripaldi Way,  
Hayward, CA 94545

P.O. No.	Terms	Due Date
	NET 30	5/12/2024

Item	Description	Qty	Unit Price	Amount
T-102	1 Person Traffic Control_OT/Sunday Rate Services Performed on: 2/18, 3/3, 3/17/24	3	3,260.00	9,780.00
T-101	Per Diem>50 miles	38	195.00	7,410.00

			<b>Total</b>	\$83,243.50
Past due invoices are subject to 1.5% per month of late charges.			<b>Payments/Credits</b>	\$0.00
			<b>Balance Due</b>	\$83,243.50

**Safety Network Traffic Control Services**

1345 N Rabe Ave  
 Fresno, CA 93727  
 559-291-8000  
 Fax 559-291-8054



**122  
 E-INVOICE**

Invoice Date	Invoice No.
3/23/2024	00087339

**Terms: Net 30 Days**

**Bess Test Lab, Inc.**

Yan or Gloria Or Grace  
 2463 Tripaldi Way  
 Hayward, CA 94545

**Job ID: 091383**

Foothill Rd  
 Kirschenmann Rd  
 New Cuyama, CA

Customer	Customer Job No.	Customer P.O. No.	Period Covered			Foreman Name / Phone#		
BESS	22-3-1528	.	3/17/2024 - 3/23/2024					
Date	Description	From - To	Qty	Days	Units	Price	Total	
03/18/24	Fuel Surcharge	03/18 03/18	1	1	1	\$15.50	\$15.50	
03/18/24	Additional Hour of Travel		1		1	\$150.00	\$150.00	
03/18/24	1 Tech for 8 hrs *Includes equipment and 1 hour of travel		1		1	\$1395.00	\$1,395.00	
03/19/24	Fuel Surcharge	03/19 03/19	1	1	1	\$15.50	\$15.50	
03/19/24	Additional Hour of Travel		1		1	\$150.00	\$150.00	
03/19/24	1 Tech for 8 hrs *Includes equipment and 1 hour of travel		1		1	\$1395.00	\$1,395.00	
03/20/24	Fuel Surcharge	03/20 03/20	1	1	1	\$15.50	\$15.50	
03/20/24	Additional Hour of Travel		1		1	\$150.00	\$150.00	
03/20/24	2 Techs for 8 hrs *Includes equipment and 1 hour of travel		1		1	\$1395.00	\$1,395.00	
03/21/24	Fuel Surcharge	03/21 03/21	1	1	1	\$15.50	\$15.50	
03/21/24	Additional Hour of Travel		1		1	\$150.00	\$150.00	
03/21/24	1 Tech for 8 hrs *Includes equipment and 1 hour of travel		1		1	\$1395.00	\$1,395.00	
03/22/24	Fuel Surcharge	03/22 03/22	1	1	1	\$15.50	\$15.50	
03/22/24	Additional Hour of Travel		1		1	\$150.00	\$150.00	
03/22/24	1 Tech for 8 hrs *Includes equipment and 1 hour of travel		1		1	\$1395.00	\$1,395.00	

Note: The \* indicates taxable items.

<b>EQUIPMENT RENTAL TOTAL</b>	\$0.00
<b>SALES/ONE-TIME CHARGES</b>	\$0.00
<b>LABOR TOTAL</b>	\$7,802.50
<b>SUBTOTAL</b>	\$7,802.50
<b>SALES TAX (8.25%)</b>	\$0.00
<b>TOTAL CHARGES</b>	\$7,802.50
<b>PLEASE PAY THIS AMOUNT</b>	\$7,802.50

**All Invoices not paid before 60 days will have a 2% interest fee added to total invoice amount .**

Company	Date	Services Performed	Day	Hours OT	Per diem/ Travel	Notes
BESS	1/31 (wed)	1-Person Traffic Control	1 (Reg)	0	1	Should be 5 hrs of travel ONLY charging 1
BESS	2/3 (SAT)	1-Person Traffic Control	1 (OT)	0	1	Should be 5 hrs of travel ONLY charging 1
BESS	2/6(Tue)	1-Person Traffic Control	1 (Reg)	0	1	Should be 5 hrs of travel ONLY charging 1
BESS	2/7(wed)	1-Person Traffic Control	1 (Reg)	0	1	Should be 5 hrs of travel ONLY charging 1
BESS	2/8(thurs)	1-Person Traffic Control	1 (Reg)	0	1	Should be 5 hrs of travel ONLY charging 1
BESS	2/10(SAT)	1-Person Traffic Control	1 (OT)	0	1	up and we did flagg for guys working off the shoulder on the rig. I called you and let you know this. Since there was lack of communication on both parts we will go ahead and take the hit o
Safety Network	2/14 ( wed)	1-Person Traffic Control	1 (Reg)	1	1	Reviewed this with saftey network and 1 hr of OT is justifiable.
Safety Network	2/15 ( Thurs)	2-Person Traffic Control	1 (Reg)	1	1	This was the start of a new location that required a long shoulder closure per caltrans and started with 2 guys. I not chage for 2/16.
Safety Network	2/15 (Thurs)	1-Persosn Traffic Control	1 (Reg)	1	1	
Safety Network	2/16(Fri)	1-Persosn Traffic Control	1 (Reg)	1	1	Reviewed this with saftey network and 1 hr of OT is justifiable.
Safety Network	2/16(Fri)	1-Persosn Traffic Control	1 (Reg)	1	1	Reviewed this with saftey network and 1 hr of OT is justifiable.
BESS	2/17(Sat)	1-Persosn Traffic Control	1 (OT)	0	1	Should be 5 hrs of travel ONLY charging 1
BESS	2/18(Sun)	1-Persosn Traffic Control	1 (OT)	0	1	Should be 5 hrs of travel ONLY charging 1
BESS	2/19(mon)	1-Persosn Traffic Control	1 (Reg)	0	1	Should be 5 hrs of travel ONLY charging 1
BESS	2/20(Tues)	1-Persosn Traffic Control	1 (Reg)	0	1	Should be 5 hrs of travel ONLY charging 1
BESS	2/21(Wed)	1-Persosn Traffic Control	1 (Reg)	0	1	Should be 5 hrs of travel ONLY charging 1
BESS	2/22(Thurs)	1-Persosn Traffic Control	1 (Reg)	0	1	Should be 5 hrs of travel ONLY charging 1
BESS	2/23(fri)	1-Persosn Traffic Control	1 (Reg)	0	1	Should be 5 hrs of travel ONLY charging 1
Safety Network	2/28(Wed)	1-Persosn Traffic Control	1 (Reg)	1	1	Reviewed this with saftey network and 1 hr of OT is justifiable.
Safety Network	2/29(Thurs)	1-Persosn Traffic Control	1 (Reg)	1	1	Reviewed this with saftey network and 1 hr of OT is justifiable.
Safety Network	3/1 (Fri)	1-Persosn Traffic Control	1 (Reg)	1	1	Reviewed this with saftey network and 1 hr of OT is justifiable.
BESS	3/2(Sat)	1-Persosn Traffic Control	1 (OT)	0	1	Should be 5 hrs of travel ONLY charging 1
BESS	3/3(Sun)	1-Persosn Traffic Control	1(OT)	0	1	Should be 5 hrs of travel ONLY charging 1
Safety Network	3/4(Mon)	1-Person Traffic Control	1 (Reg)	1	1	Reviewed this with saftey network and 1 hr of OT is justifiable.
Safety Network	3/5(Tue)	1-Person Traffic Control	1 (Reg)	1	1	Reviewed this with saftey network and 1 hr of OT is justifiable.
Safety Network	3/6(Wed)	1-Person Traffic Control	1 (Reg)	1	1	Reviewed this with saftey network and 1 hr of OT is justifiable.
Safety Network	3/7(Thurs)	1-Person Traffic Control	1 (Reg)	1	1	Reviewed this with saftey network and 1 hr of OT is justifiable.
Safety Network	3/8(Fri)	1-Person Traffic Control	1 (Reg)	1	1	Reviewed this with saftey network and 1 hr of OT is justifiable.
Safety Network	3/13(Wed)	1-Person Traffic Control	1 (Reg)	1	1	Reviewed this with saftey network and 1 hr of OT is justifiable.
Safety Network	3/14(Thurs)	1-Person Traffic Control	1 (Reg)	1	1	Reviewed this with saftey network and 1 hr of OT is justifiable.
Safety Network	3/15(Fri)	1-Person Traffic Control	1 (Reg)	1	1	Reviewed this with saftey network and 1 hr of OT is justifiable.
BESS	3/16 (Sat)	1-Person Traffic Control	1(OT)	0	1	Should be 5 hrs of travel ONLY charging 1
BESS	3/17 (Sun)	1-Person Traffic Control	1(OT)	0	1	Should be 5 hrs of travel ONLY charging 1
Safety Network	3/18(Mon)	1-Person Traffic Control	1 (Reg)	1	1	Reviewed this with saftey network and 1 hr of OT is justifiable.
Safety Network	3/19(Tue)	1-Person Traffic Control	1 (Reg)	1	1	Reviewed this with saftey network and 1 hr of OT is justifiable.
Safety Network	3/20(Wed)	1-Person Traffic Control	1 (Reg)	1	1	Reviewed this with saftey network and 1 hr of OT is justifiable.
Safety Network	3/21(Thurs)	1-Person Traffic Control	1 (Reg)	1	1	Reviewed this with saftey network and 1 hr of OT is justifiable.
Safety Network	3/22(Fri)	1-Person Traffic Control	1 (Reg)	1	1	Reviewed this with saftey network and 1 hr of OT is justifiable.

<b>1-Person Traffic Control RE</b>	<b>30 Days Total</b>
<b>2-Person Traffic Conteol R</b>	<b>1 Day Total</b>
<b>1-Person Traffic Control O</b>	<b>4 Days Total</b>
<b>1-Person Traffic Control O</b>	<b>3 Days Total</b>
<b>Perdiem Travel Hrs</b>	<b>38</b>
<b>OT Maintence Hrs</b>	<b>21</b>





Hayward (Corporate) | Fresno | Los Angeles | T. (408) 988-0101 | F. (408) 988-0103

Utility Locating - Ground Penetrating Radar (GPR) - Electromagnetic Pipe Locators Structural Concrete Scanning - Potholing Vacuum Excavation - CCTV Pipe Inspection Mobile LiDAR Scanning - 3D Scanning - 3D Utility Mapping - [www.besstestlab.com](http://www.besstestlab.com)

**Date:** April 20, 2024 **Quote No.:** BTL: 22-3-1528  
**Customer:** Woodard & Curran  
**Site:** Cuyama Valley **City:** Cuyama  
**Ref. No.:** **County:** SLO  
**Requesto:** Jim Strandberg **Phone No.:** 510.301.3776  
**Email:** **Fee Rate:** Standard

**Project Description:**  
 Bess performed Traffic control services.

Code	Service Description	Qty	Unit	Unit Pric	Sub-Total
1.00	1-Person Traffic Control Standard	30	DAY	1,630.00	\$ 48,900.00
2.00	1-Person Traffic Control OT	21	HR	218.40	\$ 4,586.40
3.00	2-Person Traffic Control	1	DAY	2,440.00	\$ 2,440.00
4.00	2-Person Traffic Control OT	1	HR	347.10	\$ 347.10
5.00	1-Person Traffic Control OT SAT	4	DAY	2,445.00	\$ 9,780.00
6.00	1-Person Traffic Control OT SUN	3	DAY	3,260.00	\$ 9,780.00
7.00	Per Diem > 50 miles	38	EA	195.00	\$ 7,410.00
<b>TOT \$</b>					<b>83,243.50</b>

**Rates and Reimbursable Expenses:**

- Overtime applies after 8 hours of work and weekends.
- Hourly rates are portal to portal from our nearest office, unless specified otherwise.
- Hourly rates apply to day shift (typical BESS day shift hours are 7:00 AM to 3:30 PM).
- Prevailing wage and night rates will apply when necessary.
- Mileage expenses, if applicable, shall not exceed the rate established by the IRS for the current
- Lodging and meals, when necessary, will be charged at cost plus 10%, unless specified otherwise.
- Outside reproductions, shipping, services and consultants will be charged at cost plus 10%.
- Cost of normal field supplies are included in the hourly rates.
- CDF, Slurry, asphalt, concrete, class II bed rock, certified traffic control plans, core bits & saw blades, other materials/supplies will be charged at cost plus 10%.

I, the undersigned, have read, reviewed and accept the attached proposal, including attachments, and authorize Bess Testlab, Inc. to proceed with the work described above as

By: \_\_\_\_\_  
 (Print or Type Name)

Title: \_\_\_\_\_  
 (Print or Type Title)

\_\_\_\_\_  
 (Signature)

\_\_\_\_\_  
 (Date)

**\*\*\* Job Not Complete \*\*\***

**Safety Network Traffic Control Services**

1345 N Rabe Ave  
 Fresno, CA 93727  
 559-291-8000  
 Fax 559-291-8054



**126  
 E-INVOICE**

Invoice Date	Invoice No.
3/16/2024	00087068

**Terms: Net 30 Days**

**Bess Test Lab, Inc.**

Yan or Gloria Or Grace  
 2463 Tripaldi Way  
 Hayward, CA 94545

**Job ID: 091383**

Foothill Rd  
 Kirschenmann Rd  
 New Cuyama, CA

Customer	Customer Job No.	Customer P.O. No.	Period Covered			Foreman Name / Phone#		
BESS	22-3-1528	.	3/10/2024 - 3/16/2024					
Date	Description	From - To	Qty	Days	Units	Price	Total	
03/13/24	Fuel Surcharge	03/13 03/13	1	1	1	\$15.50	\$15.50	
03/13/24	Additional Hour of Travel		1		1	\$150.00	\$150.00	
03/13/24	1 Tech for 8 hrs *Includes equipment and 1 hour of travel		1		1	\$1395.00	\$1,395.00	
03/14/24	Fuel Surcharge	03/14 03/14	1	1	1	\$15.50	\$15.50	
03/14/24	Additional Hour of Travel		1		1	\$150.00	\$150.00	
03/14/24	1 Tech for 8 hrs *Includes equipment and 1 hour of travel		1		1	\$1395.00	\$1,395.00	
03/15/24	Fuel Surcharge	03/15 03/15	1	1	1	\$15.50	\$15.50	
03/15/24	Additional Hour of Travel		1		1	\$150.00	\$150.00	
03/15/24	Maintain Labor - Overtime		1		1	\$196.00	\$196.00	
03/15/24	1 Tech for 8 hrs *Includes equipment and 1 hour of travel		1		1	\$1395.00	\$1,395.00	

Note: The \* indicates taxable items.

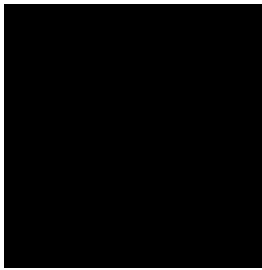
<b>EQUIPMENT RENTAL TOTAL</b>	\$0.00
<b>SALES/ONE-TIME CHARGES</b>	\$0.00
<b>LABOR TOTAL</b>	\$4,877.50
<b>SUBTOTAL</b>	\$4,877.50
<b>SALES TAX (8.25%)</b>	\$0.00
<b>TOTAL CHARGES</b>	\$4,877.50
<b>PLEASE PAY THIS AMOUNT</b>	\$4,877.50

**All Invoices not paid before 60 days will have a 2% interest fee added to total invoice amount .**

**\*\*\* Job Not Complete \*\*\***

**Safety Network Traffic Control Services**

1345 N Rabe Ave  
 Fresno, CA 93727  
 559-291-8000  
 Fax 559-291-8054



**127  
 E-INVOICE**

Invoice Date	Invoice No.
2/17/2024	00086016

**Terms: Net 30 Days**

**Bess Test Lab, Inc.**

Yan or Gloria Or Grace  
 2463 Tripaldi Way  
 Hayward, CA 94545

**Job ID: 091383**

Foothill Rd  
 Kirschenmann Rd  
 New Cuyama, CA

Customer	Customer Job No.	Customer P.O. No.	Period Covered			Foreman Name / Phone#		
BESS	22-3-1528	.	1/24/2024 - 2/16/2024					
Date	Description	From - To	Qty	Days	Units	Price	Total	
02/14/24	Fuel Surcharge	02/14 02/14	1	1	1	\$15.50	\$15.50	
02/14/24	Additional Hour of Travel		1		1	\$150.00	\$150.00	
02/14/24	Maintain Labor - Overtime		2		2	\$196.00	\$392.00	
02/14/24	1 Tech for 8 hrs *Includes equipment and 1 hour of travel		1		1	\$1395.00	\$1,395.00	
02/15/24	Fuel Surcharge	02/15 02/15	1	1	1	\$15.50	\$15.50	
02/15/24	Fuel Surcharge	02/15 02/15	1	1	1	\$15.50	\$15.50	
02/15/24	Maintain Labor - Overtime - Apprentice		1		1	\$145.60	\$145.60	
02/15/24	Additional Hour of Travel		1		1	\$150.00	\$150.00	
02/15/24	Additional Hour of Travel		1		1	\$150.00	\$150.00	
02/15/24	Maintain Labor - Overtime		1		1	\$196.00	\$196.00	
02/15/24	Maintain Labor - Overtime		1		1	\$196.00	\$196.00	
02/15/24	1 Tech for 8 hrs *Includes equipment and 1 hour of travel		1		1	\$1395.00	\$1,395.00	
02/15/24	2 Techs for 8 hrs *Includes equipment and 1 hour of travel		1		1	\$2400.00	\$2,400.00	
02/16/24	Fuel Surcharge	02/16 02/16	1	1	1	\$15.50	\$15.50	
02/16/24	Fuel Surcharge	02/16 02/16	1	1	1	\$15.50	\$15.50	
02/16/24	Maintain Labor - Overtime - Apprentice		1		1	\$145.60	\$145.60	
02/16/24	Additional Hour of Travel		1		1	\$150.00	\$150.00	
02/16/24	Additional Hour of Travel		1		1	\$150.00	\$150.00	
02/16/24	Maintain Labor - Overtime		2.5		2.5	\$196.00	\$490.00	
02/16/24	Maintain Labor - Overtime		1		1	\$196.00	\$196.00	
02/16/24	1 Tech for 8 hrs *Includes equipment and 1 hour of travel		1		1	\$1395.00	\$1,395.00	
02/16/24	2 Techs for 8 hrs *Includes equipment and 1 hour of travel		1		1	\$2400.00	\$2,400.00	

Note: The \* indicates taxable items.

<b>EQUIPMENT RENTAL TOTAL</b>	\$0.00
<b>SALES/ONE-TIME CHARGES</b>	\$0.00
<b>LABOR TOTAL</b>	\$11,573.70

Customer : Bess Test Lab, Inc. - Job ID: 091383 - Invoice# 00086016 (cont.)

**128**

SUBTOTAL	\$11,573.70
SALES TAX (8.25%)	\$0.00
TOTAL CHARGES	\$11,573.70
PLEASE PAY THIS AMOUNT	\$11,573.70

All Invoices not paid before 60 days will have a 2% interest fee added to total invoice amount .

**\*\*\* Job Complete \*\*\***

**Safety Network Traffic Control Services**

1345 N Rabe Ave  
 Fresno, CA 93727  
 559-291-8000  
 Fax 559-291-8054



**129  
 E-INVOICE**

Invoice Date	Invoice No.
3/9/2024	00086809

**Terms: Net 30 Days**

**Bess Test Lab, Inc.**

Yan or Gloria Or Grace  
 2463 Tripaldi Way  
 Hayward, CA 94545

**Job ID: 091383**

Foothill Rd  
 Kirschenmann Rd  
 New Cuyama, CA

Customer	Customer Job No.	Customer P.O. No.	Period Covered			Foreman Name / Phone#		
BESS	22-3-1528	.	3/3/2024 - 3/9/2024					
Date	Description	From - To	Qty	Days	Units	Price	Total	
03/04/24	Fuel Surcharge	03/04 03/04	1	1	1	\$15.50	\$15.50	
03/04/24	Additional Hour of Travel		1		1	\$150.00	\$150.00	
03/04/24	Maintain Labor - Overtime		1		1	\$196.00	\$196.00	
03/04/24	1 Tech for 8 hrs *Includes equipment and 1 hour of travel		1		1	\$1395.00	\$1,395.00	
03/05/24	Fuel Surcharge	03/05 03/05	1	1	1	\$15.50	\$15.50	
03/05/24	Additional Hour of Travel		1		1	\$150.00	\$150.00	
03/05/24	Maintain Labor - Overtime		1		1	\$196.00	\$196.00	
03/05/24	1 Tech for 8 hrs *Includes equipment and 1 hour of travel		1		1	\$1395.00	\$1,395.00	
03/06/24	Fuel Surcharge	03/06 03/06	1	1	1	\$15.50	\$15.50	
03/06/24	Additional Hour of Travel		1		1	\$150.00	\$150.00	
03/06/24	Maintain Labor - Overtime		1		1	\$196.00	\$196.00	
03/06/24	1 Tech for 8 hrs *Includes equipment and 1 hour of travel		1		1	\$1395.00	\$1,395.00	
03/07/24	Fuel Surcharge	03/07 03/07	1	1	1	\$15.50	\$15.50	
03/07/24	Additional Hour of Travel		1		1	\$150.00	\$150.00	
03/07/24	1 Tech for 8 hrs *Includes equipment and 1 hour of travel		1		1	\$1395.00	\$1,395.00	
03/08/24	Fuel Surcharge	03/08 03/08	1	1	1	\$15.50	\$15.50	
03/08/24	Additional Hour of Travel		1		1	\$150.00	\$150.00	
03/08/24	1 Tech for 8 hrs *Includes equipment and 1 hour of travel		1		1	\$1395.00	\$1,395.00	

Note: The \* indicates taxable items.

<b>EQUIPMENT RENTAL TOTAL</b>	\$0.00
<b>SALES/ONE-TIME CHARGES</b>	\$0.00
<b>LABOR TOTAL</b>	\$8,390.50
<b>SUBTOTAL</b>	\$8,390.50
<b>SALES TAX (8.25%)</b>	\$0.00
<b>TOTAL CHARGES</b>	\$8,390.50

All Invoices not paid before 60 days will have a 2% interest fee added to total invoice amount .

PLEASE PAY THIS AMOUNT

**130**  
\$8,390.50

**\*\*\* Job Not Complete \*\*\***

BESS TESTLAB, INC.

131

# Invoice

2463 TRIPALDI WAY

2463 TRIPALDI WAY,  
HAYWARD, CA 94545

Date	Invoice #
1/31/2024	48217

Bill To
<b>WOODARD &amp; CURRAN</b> C/O Concur Invoice Capture 10700 Prairie Lakes Drive Eden Prairie, MN 55344

Make checks payable to:  
**BESS TESTLAB, INC.**  
 2463 Tripaldi Way,  
 Hayward, CA 94545

P.O. No.	Terms	Due Date
	NET 30	3/1/2024

Item	Description	Qty	Unit Price	Amount
	Contract #: 2023-05-11 ICA Jobsite: Multiple Locations in Santa Barbara & San Luis Obispo Services performed on: 1/17, 1/18, 1/19, 1/20 & 1/21/24 Ordered by: Kevin Almestad BTL Technicians: Johnny, BTL Job#: 22-3-1528			
T-101	1 Person Traffic Control - Standard	4	1,630.00	6,520.00
T-107	2 Person Traffic Control	3	2,440.00	7,320.00
T-102	1 Person Traffic Control_OT/Saturday Rate	1	2,445.00	2,445.00
T-108	2 Person Traffic Control_OT/Sunday Rate	1	3,260.00	3,260.00
T-110	Traffic Control Plans - Standard	5	600.00	3,000.00
T-101	Per Diem>50 miles	9	195.00	1,755.00

			<b>Total</b>	\$24,300.00
Past due invoices are subject to 1.5% per month of late charges.			<b>Payments/Credits</b>	\$0.00
			<b>Balance Due</b>	\$24,300.00



COUGAR COUNTRY

XXXXXXXXXX3001

301 KERN ST

TAFT , CA

93268

02/17/2024 280738187

07:29:02 AM

XXXXXXXXXXXXXXXX0864

Debit

INVOICE 016617

AUTH 565837

PUMP# 7

REGULAR CR 14.571G

PRICE/GAL \$4.699

FUEL TOTAL \$ 68.47

DEBIT \$ 68.47

=====

Customer-activated Purchase/Capture

Sequence Number 15577

Chip Read

US DEBIT

Mode: Issuer

AID: A0000000980840

TVR: 8000048000

IAD: 06011203602000

TSI: 6800

ARC: 00

TC: EFB6F5E181332085

APPROVED 565837

Verified by PIN

=====



COUGAR COUNTRY

XXXXXXXXXX3001

301 KERN ST

TAFT , CA

93268

02/21/2024 280738845

03:37:06 PM

XXXXXXXXXXXX2974

Mastercard

INVOICE 017090

AUTH 02857B

PUMP# 5

REGULAR CR 14.408G

PRICE/GAL \$4.699

FUEL TOTAL \$ 67.70

CREDIT \$ 67.70

-----  
Customer-activated Purchase/Capture

Sequence Number 16451

Chip Read

CAPITAL ONE

Mode: Issuer

AID: A0000000041010

TVR: 0000008000

IAD: 0110607001220000095900000000000000F

F

TSI: E800

ARC: 00

TC: 471115204C0FD73E

APPROVED 02857B  
-----



Welcome to Shell  
WELCOME  
57445309206  
SHELL OILS PRODUCTS U  
615 POSO STREET CA  
MARIKOPA  
93252

DATE 3/2/24 7:53  
TRAMP# 9074090  
SUPERVISOR LEVEL: SELF  
PRODUCTS: UNLD 13.9111  
PRICE: 15.5999  
FUEL SALE: 77.899  
CREDIT

DISCOVER XXXX 2131  
DUXX 77.XXd  
CHIPRO # 55573  
AUV # ISSUER 0252R  
MODE: A000001523010  
AID: 000008000  
TVR: 0105A0800380000  
IAD: 00000000000000  
TSI: E800  
ARC: 00

Please come again  
THANK YOU  
HAVE A NICE DAY



Welcome to Shell  
**A & A EXPRESS**

615 POSO STREET  
MARICOPA, CA. 93252

661-769-8844  
57445309206

SHELL OIL PRODUCTS US  
615 POSO STREET

MARICOPA CA 93252

\*\*\*PRE-AUTHORIZED RECEIPT\*\*\*

<CUSTOMER COPY>

Description	Qty	Amount
PREPAY CR #07		40.00

**TOTAL** Subtotal 40.00  
PREAUTH \$ 40.00

US DEBIT

XXXX XXXX XXXX 6960

Chip Read  
APPROVED

AUTH # 013837

Verified by PIN

INV # 581686

USD\$40.00

Mode: Issuer

AID: A000000980840

TVR: 8000048000

IAD: 0601120360A000

TSI: 6800

ARC: 00

Customer Copy  
Please come again



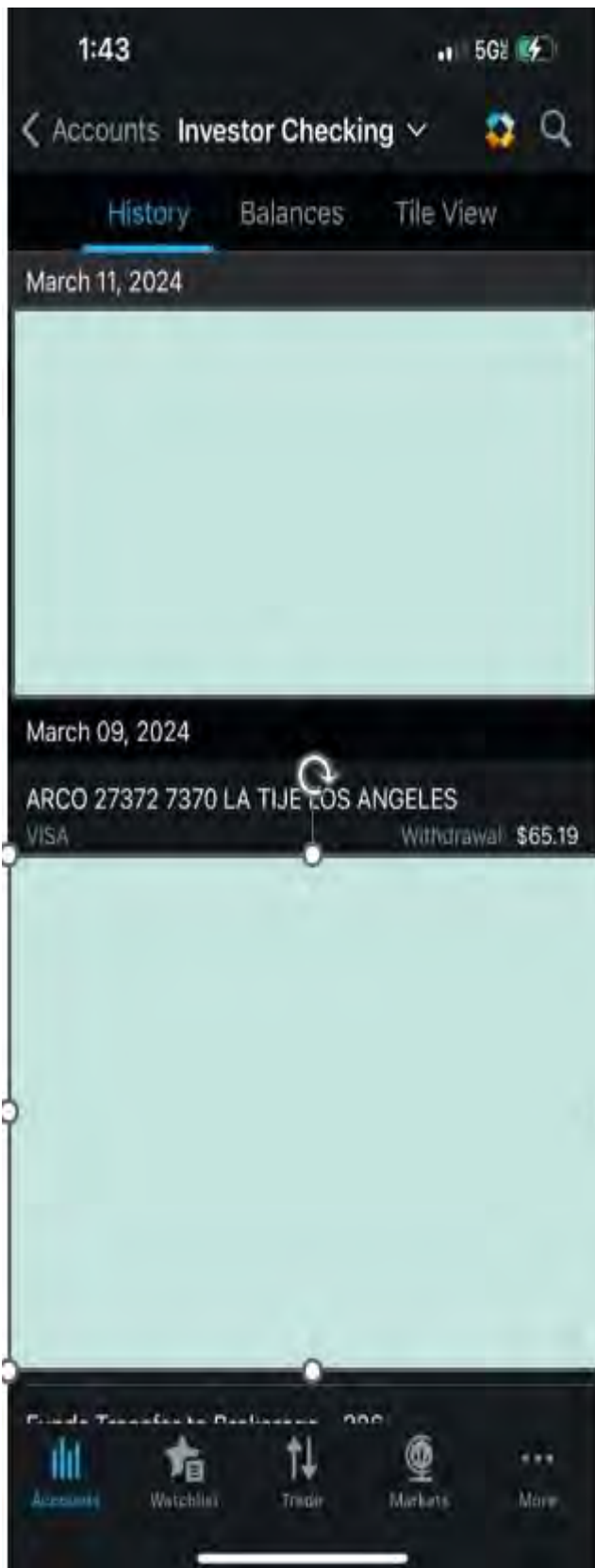
2  
welcome to Shell  
WELCOME  
57445309206  
SHELL OILS PRODUCTS U  
615 POSO STREET CA  
MARIPOSA 93252

DATE 3/7/24 18:07  
TRAMP# 3907  
PERIOD UNLD  
PRICE LEVEL: SELF  
GALONS 15.105  
FUEL \$5.599  
CREDIT \$84.57

DISC 57 XXXX 2131  
\$XXRV# 5ISSUER 1523010  
CREDIT# 5ISSUER 1523010  
CAUTION# 5ISSUER 1523010  
AID# 5ISSUER 1523010  
MODE# 5ISSUER 1523010  
TIA# 5ISSUER 1523010  
TSI# 5ISSUER 1523010  
ARC# 5ISSUER 1523010

Please come again  
THANK YOU DAY  
HAVE A NICE DAY







# AVIS

We are proud to feature a 100% smoke-free fleet!

## Your Information

Customer Name: PATRICK R KELLY  
 Wizard Number: 03R  
 Customer Status: PREFERRED/POINTS  
 Method of Payment: DISCOVER XX2131  
 02869R

## Your Vehicle Information

Vehicle Number: 98401166  
 Vehicle Group Rented: Premium  
 Vehicle Group Charged: Standard  
 Vehicle Description: REDNNSAN MAXIMA

Number: ZMG006  
 Total Driven: 277  
 Fuel Reading: Out 8/8 | In 8/8

## Your Rental

Pickup Date/Time: FEB 28, 2024 @ 1:43PM  
 Pickup Location: 9217 AIRPORT BOULEVARD  
 LOS ANGELES INTERNATIONAL APO  
 LOS ANGELES, CA, 90045, US  
 310-342-9200

Return Date/Time: MAR 09, 2024 @ 1:50PM  
 Return Location: 9217 AIRPORT BOULEVARD  
 LOS ANGELES INTERNATIONAL APO  
 LOS ANGELES, CA, 90045, US  
 310-342-9200

Additional fees may apply if changes are made to your return date, time and/or location.

## Your Vehicle Charges (MIN 240 HRS IF NOT MET DLY RT = 115.75 / MAX 14 DAY)

Rate Chart:	Free Miles:	Time and Mileage:
Miles: UNLIMITED		Your Discount:
Holiday* 54*88		Period @ 547.12 = 547.12
Period* 547.12		Time and Mileage: 547.12

## Your Optional Products/Services

Optional Services Total: 0.00

## Your Taxable Fees

11.11% Concession Recovery Fee	62.40
VEH LICENSE RECOUP 1.45/DY	14.50
<b>Sub-total-Charges:</b>	<b>624.02</b>
TAX 9.500%	59.28

## Your Non-Taxable Products/Services

3.50 CALI FORNIA TOURI	19.14
CUSTOMER FACILITY CHG 9.00/D	45.00

Your Total Charges: 747.44  
 Prepayment: 0.00

**Net Charges:** USD 747.44  
**Your Total Due:** 0.00

Thank you for renting with Avis.  
 For all other inquiries, please contact us at 1-800-352-7900 or www.Avis.com.  
 At Avis, we are committed to providing you with the best rental experience in the industry. We are in the business of treating people like people.

THANK YOU FOR BEING A LOYAL AVIS CUSTOMER. PLEASE VISIT AVIS.COM FOR YOUR MOST RECENT POINT BALANCE. PLEASE ALLOW 72 HOURS FOR POINT EARNINGS TO POST TO YOUR ACCOUNT. **140**

Your vehicle was rented to you by JAY.

Your vehicle was checked in by 14416.



WELCOME  
 54292980038015  
 528044  
 565 QUICK TRIP  
 830 CENTER ST CA  
 TAFT  
 93268, 661-763-3890

AE AUTH#546472  
 SEQ# 5253  
 DATE 03/20/24 06:36  
 REF# 408006046367  
 BATCH# 20240319091  
 AVS PASSED. CODE = 2  
 CARD BALANCE \$ 0.00

PUMP # 01  
 PRODUCT: UNLD  
 APPROVAL # 546472  
 GALLONS: 9.725  
 PRICE/G: \$ 4.519  
 FUEL SALE \$ 43.95

THANK YOU  
 HAVE A NICE DAY



WELCOME

54292980038015

528044

565 QUICK TRIP

830 CENTER ST

TAFT

CA

93268, 661-763-3890

AE AUTH#566051

SEQ# 5722

DATE 03/22/24 06:44

REF# 408206010517

BATCH# 20240321097

AUS PASSED. CODE = 2

CARD BALANCE \$ 0.00

PUMP # 01

PRODUCT: UNLD

APPROVAL # 566051

GALLONS: 7.906

PRICE/G: \$ 4.579

FUEL SALE \$ 36.20

THANK YOU

HAVE A NICE DAY

AV 15"

Reservations Locations Offers Car Sales Cars &amp; Services

Hi Sarah,

Thank you for renting with Avis. Please remember to return your keys when you return your vehicle

~~to avoid additional fees.~~

This is a one-time notification related to your recent transaction: Avis Rental Agreement 719544221

**\$ 758.37**

Base Rate:	<b>\$ 436.50</b>
Taxable Products/Services*:	<b>\$ 201.03</b>
Non-Taxable Products/Services:	\$ 60.27
Rental Sales Tax:	<b>\$ 60.57</b>
Net Charges:	\$ 758.37

Need an e-receipt?

Please view your e-receipt [here](#)

Taft Inn

203 SOUTH 6TH STREET  
TAFT, CA 93268



**144** 745-5555  
frontdesk@bwtaft.com

C/O 02/29/2024 06:21 AM

Registered To:

STRANDBERG, JAMES  
5000 Chochrane ave  
OAKLAND, CA 94618

(207) 874-7400

Room #	319-A
Conf #	944872271-01
Arrival	02/28/24
Departure	02/29/24
Room Type	1K - Single King
Guests	1 / 0
Payment	Visa/Master
Acct	XXXX-XXXX-XXXX-5236

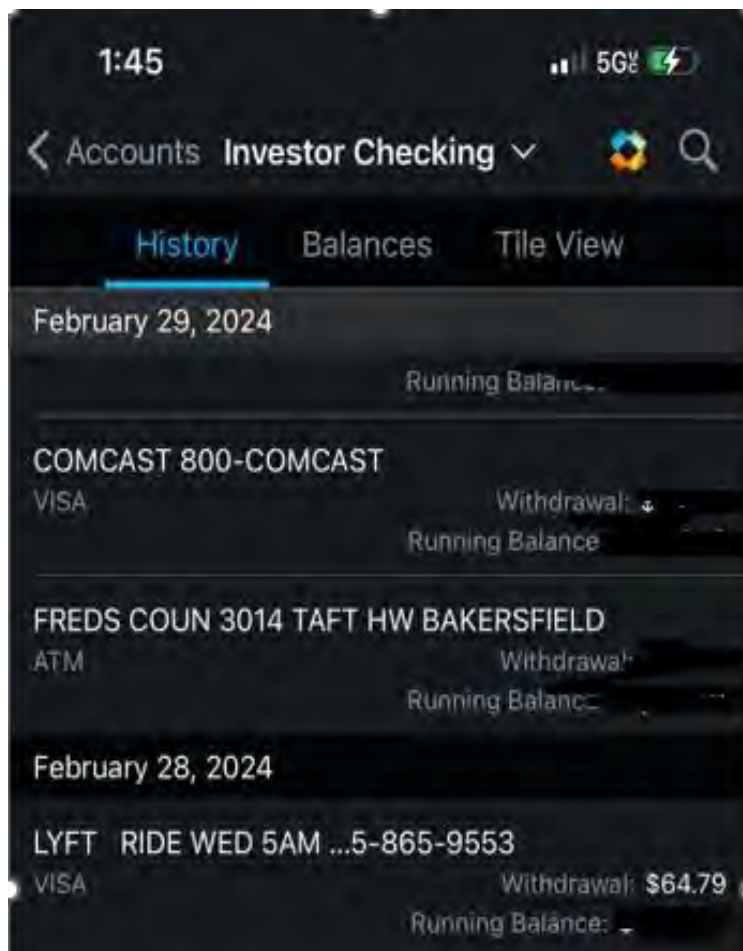
Posting Date	AcctCode	Description	From	Reference	Amount
02/28/24	RC	ROOM CHRG REVENUE			\$143.99
02/28/24	91	OCCUPANCY TAX			\$14.40
02/29/24	VS	PAYMENT VISA/MC		5236 - 07157D	\$158.39-
				<b>Balance Due</b>	<b>\$0.00</b>

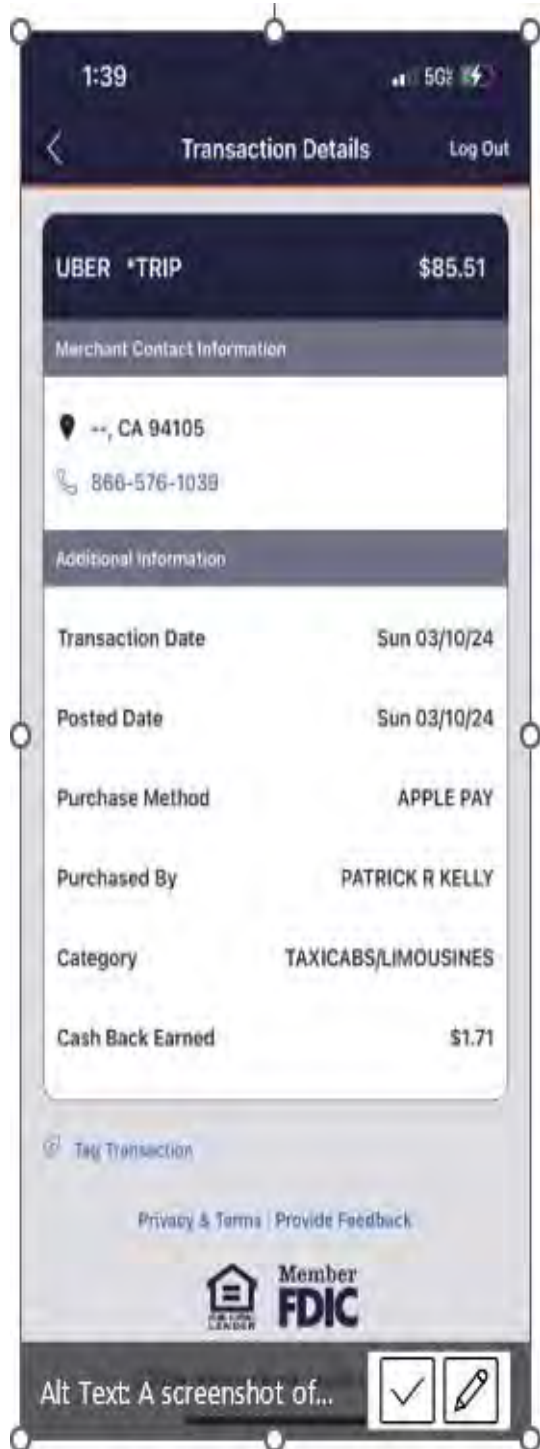
I have received the goods and / or services in the amount shown heron. I agree that my liability for this bill is not waived agree to be held personally liable in the event that the indicated person, company or associate fails to pay for any part or full amount of these charges. If a credit card charge, I further agree to perform the obligations set forth in the cardholder agreement with the issuer.

\_\_\_\_\_  
Signature

**Each Best Western® branded hotel is independently owned and operated.**







**Annette Miller**

---

**From:** Your Recent Best Western Stay <info@myreservation.bestwestern.com>  
**Sent:** Wednesday, March 20, 2024 9:38 AM  
**To:** Jim Strandberg  
**Subject:** Your recent stay at Best Western Plus Taft Inn

You don't often get email from info@myreservation.bestwestern.com. [Learn why this is important](#)



**JAMES STRANDBERG**

5103013776

**Hotel Information**

Best Western Plus Taft Inn

203 S 6th Street

(661) 745-5555

Taft, California 93268

United States

**STAY OVERVIEW**

<b>3</b>	<b>1</b>	<b>1</b>
Nights	Room	Guest

**Confirmation Number:** 764265676**Check-In:** 03/17/2024**Check-Out:** 03/20/2024**Room Number:** 307**FOLIO:**

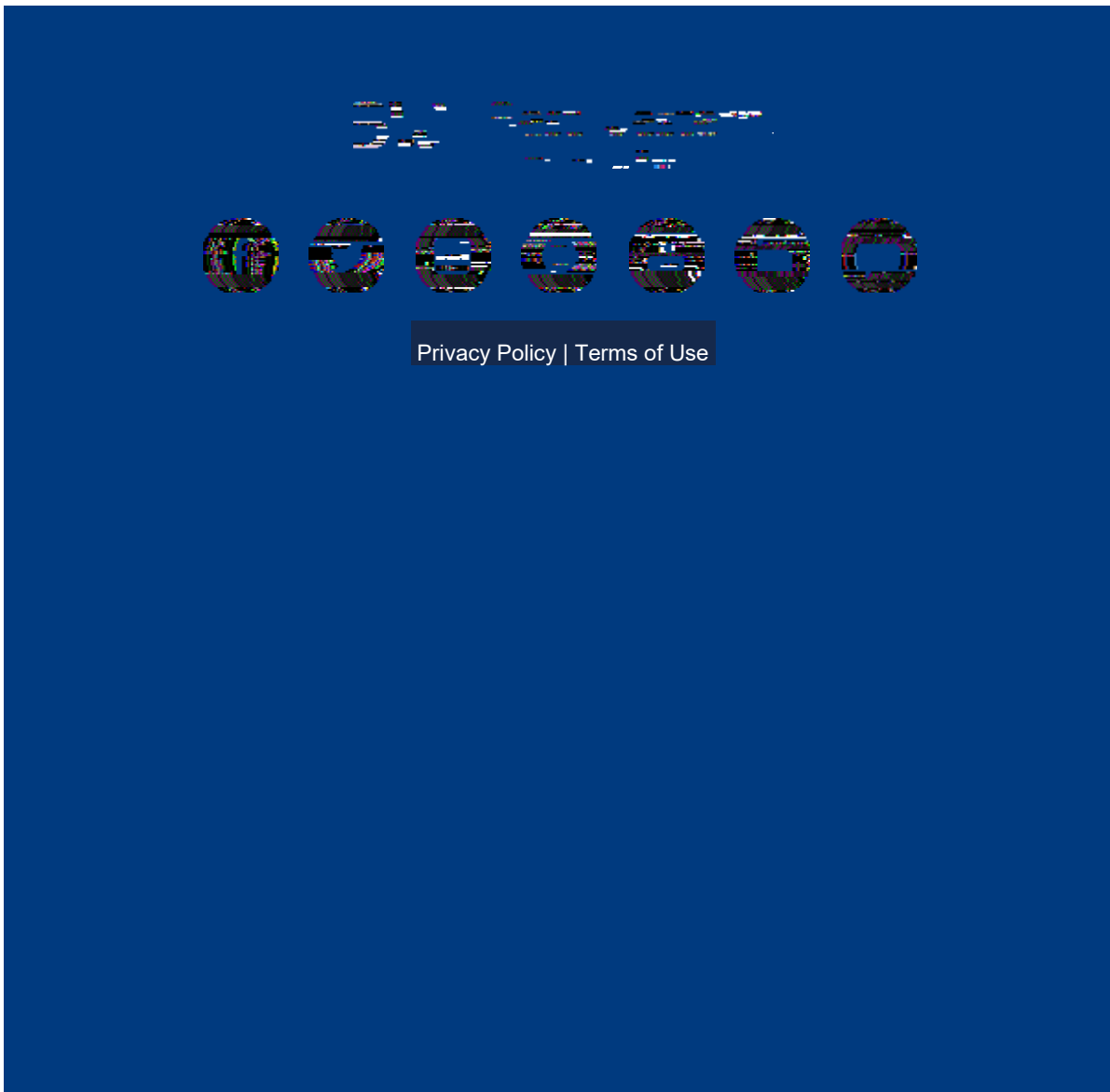
DATE	DESCRIPTION	ID	REF NO	CHARGES	CREDIT
03/17/2024	ROOM CHRG REVENUE	SCOTT	355504	152.99	
03/17/2024	OCCUPANCY TAX	SCOTT	355505	15.30	
03/18/2024	ROOM CHRG REVENUE	SCOTT	355630	143.99	
03/18/2024	OCCUPANCY TAX	SCOTT	355631	14.40	
03/19/2024	ROOM CHRG REVENUE	DANIEL	355773	143.99	
03/19/2024	OCCUPANCY TAX	DANIEL	355774	14.40	
03/20/2024	PAYMENT VIS/MC	DANIEL	355843		(485.07)

**\*\*BALANCE\*\***

0.00



# BWH | Hotels



7:25 Uber

\* 📍 LTE 📶 🔋 85%

← Receipt

Receipt including tip

March 18, 2024

Thanks for  
tipping, Sarah



**Total** **\$78.55**

---

Trip fare \$55.28

---

Subtotal \$55.28

Booking Fee ⓘ \$6.58

Colorado Prearranged Ride Regulatory Fee \$0.31

Denver International Airport Pickup/Drop-off Fee \$3.29

Tip \$13.09

---

Taft Inn  
 203 SOUTH 6TH STREET  
 TAFT, CA 93268



**151**  
 745-5555  
 frontdeskObwtaft.com

C/003/22/2024 06:38M

**Loyalty Club:** 600663-77733-90323 **PLATINUM**  
**Registered To:**  
 PIERCE, SARAH  
 xso0 West 8th Avenue, Apt 8  
 Denver, CO 80204  
**(831) 818-1184**

**Room #** 305-/t  
**Conf #** 48t965270-01  
**Arrival** 03/18/24  
**Departure** 03/22/24  
**Room Type** 2QQ • Double Queen  
**Guests** 1 1 0  
**Payment** Yisa/mster  
**Acct** XXXX-XXXX-XXXX-5948

Posting Date	AcctCode	Description	From	Reference	Amount
03/18/24	RC	ROOM CHRG REVENUE			\$148.79
03/18/24	91	OCCUPANCY TAX			\$14.88
03/19/24	RC	ROOM CHRG REVENUE			148.79
03/19/24	91	OCCUPANCY TAX			\$14.88
03/20/24	RC	ROOM CHRG REVENUE			\$148.79
03/20/24	91	OCCUPANCY TAX			\$14.88
03/21/24	RC	ROOM CHRG REVENUE			\$148.79
03/21/24	91	OCCUPANCY TAX			\$14.88
03/22/24	VS	PAYMENT VISA/MC		5948 - 05691D	\$654.68-
				<u>Balance</u>	<u>\$ 00</u>

I have received the goods and / or services in the amount shown heron. I agree that my liability for this bill is not waived agree to be held personally liable in the event that the indicated person, company or associate fails to pay for any part or full amount of these charges. If a credit card charge, I further agree to perform the obligations set forth in the cardholder agreement with the issuer.

\_\_\_\_\_  
 Signature

Each Best Western branded hotel is independently owned and operated.

Taft Inn

203 SOUTH 6TH STREET  
TAFT, CA 93268



**152** 745-5555  
frontdesk@bwtaft.com

C/O 04/03/2024 05:49 AM

Registered To:

DRUMM, STEPHANIE  
1313 otis st  
DENVER, CO 80214

(512) 777-8469

Room #	319-A
Conf #	185635270-01
Arrival	03/26/24
Departure	04/03/24
Room Type	1K - Single King
Guests	1 / 0
Payment	Visa/Master
Acct	XXXX-XXXX-XXXX-8129

Posting Date	AcctCode	Description	From	Reference	Amount
03/26/24	RC	ROOM CHRG REVENUE			\$143.99
03/26/24	91	OCCUPANCY TAX			\$14.40
03/27/24	RC	ROOM CHRG REVENUE			\$143.99
03/27/24	91	OCCUPANCY TAX			\$14.40
03/28/24	RC	ROOM CHRG REVENUE			\$143.99
03/28/24	91	OCCUPANCY TAX			\$14.40
03/29/24	RC	ROOM CHRG REVENUE			\$152.99
03/29/24	91	OCCUPANCY TAX			\$15.30
03/30/24	RC	ROOM CHRG REVENUE			\$152.99
03/30/24	91	OCCUPANCY TAX			\$15.30
03/31/24	RC	ROOM CHRG REVENUE			\$152.99
03/31/24	91	OCCUPANCY TAX			\$15.30
04/01/24	RC	ROOM CHRG REVENUE			\$143.99
04/01/24	91	OCCUPANCY TAX			\$14.40
04/02/24	RC	ROOM CHRG REVENUE			\$143.99
04/02/24	91	OCCUPANCY TAX			\$14.40
04/03/24	VS	PAYMENT VISA/MC		8129 - 04943D	\$1,296.82-
				<b>Balance Due</b>	<b>\$0.00</b>

I have received the goods and / or services in the amount shown heron. I agree that my liability for this bill is not waived agree to be held personally liable in the event that the indicated person, company or associate fails to pay for any part or full amount of these charges. If a credit card charge, I further agree to perform the obligations set forth in the cardholder agreement with the issuer.

\_\_\_\_\_  
Signature

**Each BWH<sup>SM</sup> Hotels property is independently owned and operated.**



Uber

Total \$71.24  
March 26, 2024

# Thanks for tipping, Sarah

Here's your updated Tuesday evening ride receipt.



## Total

## \$71.24

Good news - you've been refunded a portion of your original upfront price on this trip because of a change to the anticipated route.

Trip fare	\$48.71
Subtotal	\$48.71
Booking Fee <a href="#">?</a>	\$7.54
Colorado Prearranged Ride Regulatory Fee	\$0.16
Denver International Airport Pickup/Drop-off Fee	\$2.96
Tip	\$11.87

#431 Taft G.O.

# GROCERYOUTLET

bargain market

\*\*\*\*\*

NEW **Y••ixaii** sign ups get a \$3 Coupon!  
visit [groceryoutlet.com](http://groceryoutlet.com)

\*\*\*\*\*

### Grocery

DL CARAMEL CHOC BAR	2.98	F
2 @ 1.49		
FAJITA FLOUR TORT	3.49	F
Guerrero Tostada	2.59	F
NEOGURI PK	4.00	F
REST STYLE SALSA	3.49	F

### Soda

LIME	7.99	F
*Soda Crv/	0.10	T

### Deli

AMERICAN SINGLES	2.99	F
MEAT? NANLS	1.29	F

**BALANCE DUE 23.35**

SUB TOTAL	23.21
8.250% Sales Tax	0.14
TOTAL TAX	0.14
<b>TOTAL</b>	<b>23.35</b>

Debit Type :Debit Card \$23.35  
[ ] XXXXXXXXXXXXX0864

Auth# 601429 Ref# 021064

02/14/2024

18:27:40

US DEBIT

Entry Method: Chip

CARD #:

XXXXXXXXXXXX0864

PURCHASE

- APPROVED

AUTH CODE:601429

Mod

Issuer

AID:

A0000000980840

TVR:

8000048000

IAD:

06011203A0A000

TSI:

6800

ARC:

00

TC:

B1AE80ECD4C83767

MID: 668798

TID:

001 SEQ: 021064

USD\$ 23.35

Total:



ASIAN EXPERIENCE INC

215 Center St

A 932

02/15/20

Transac  
Card Ty  
Account  
Entry  
Invoice  
HREF  
RRN  
Auth C

Batch #  
Response

Mode  
AID:  
TVR:  
TSI:  
AC:  
ATC:  
APPLAB:

Sub T

Tip \$11.00

Total:

Suggested Tip Amounts

15% \$3 32 18% \$3 99 20% \$4 43

CUSTOMER COPY



3

# CUYAMA BUCKHORN

New Cuyama, CA 4923  
Primerio St. 93254  
(661)766-2825  
Y'ALL COME BACK NOW

Check:232176  
Table:CB12  
Server:Elizabeth A  
02/17/24

01:06pm

—[Seat 1]—

1 The Buckhorn	\$16.00
1 Drip (16oz)	\$3.75

\$19.75

Tax 1: \$1.53

Non Cash Adj: \$0.79

Sub w/Tax: \$22.07

Cash Total: **\$21.28**

CC Total: **\$22.07**

EMV

\$22.07



#858  
PAID

#8209 Domino's Piz  
(661) 763-3030  
2/19/2024 5:04 PM

4

----- SUMMARY -----

#858

2-20-oz Bottle Orange

1-12" HandToss New Hawaiian Pizza

TOTAL ITEMS: 3

----- ORDER: Oven -----

1 12" HandToss New Hawaiian Pi \$23.99

(New Hawaiian Pizza),

No Green Pepper, Jalapeno Pep

TOTAL BOXES: 1

----- ORDER: Non-Oven -----

2 20-oz Bottle Orange \$5.98

----- COUPONS/ADJUSTMENTS -----

20% Off Entire Order Carry Out -\$6.00  
(1126)

Sub Total	\$24.07
Tax 1	\$1.98
Bottle Dep	\$0.10

Total \$26.05

----- PAYMENTS -----

Credit Card 0864 \$26.05

Amount Tendered \$26.05

Balance Due \$0.00



5

Subway#6264-0 Phone 661-765-2739

1060 Kern Street

Taft, CA, 93268

Served by: 587 2/20/2024 5:19:04 pm

Term ID-Trans# 1/A-509575

Qty	Size	Item	Price
1	12"	Roast Beef Sub	12.39
Sub Total			12.39
Taxable Amount			0.00
Sales Tax (8.25%)			0.00
Total (Take Out)			12.39
Credit Card			12.39
Change			0.00

Call us with your Comments

Phone (800)888-4848

Approval No: 201902

Reference No: 5Qqf001708478337045

Card Issuer: Visa

Account No: \*\*\*\*\*0864

Acquired: ICC

Amount: \$12.39

Application: VISA DEBIT

AID: A0000000031010

MID: 420429002086390

TID: 75176529

Date/Time: 02/20/2024 17:18:57

APPROVED

CUSTOMER COPY



1/6

**\*\*REPRINT\*\***

# DRIVE THRU Order#191

## Jack in the Box Store #4418

(661) 745-0275  
2/22/2024

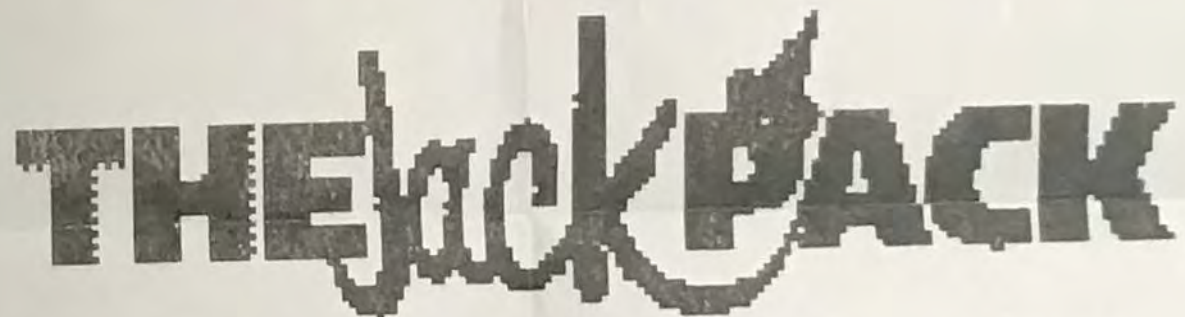
Emp Rachel  
9:43:58 PM

1 Srd Jack #1	11.88
Pls Jalapenos	0.40
Medium Curly Fry	0.40
Medium Dr. Pepper	
Total Items: 4	

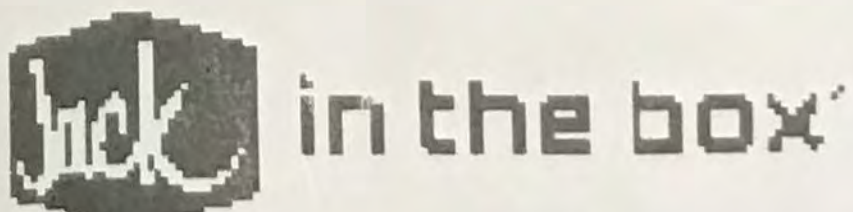
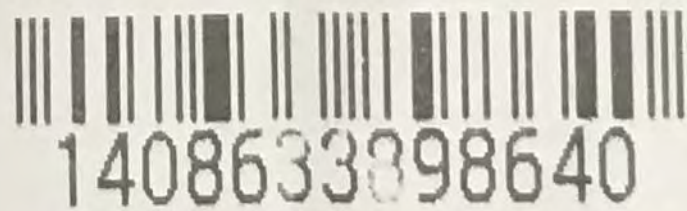
SubTotal	12.68
Tax (8.2%)	1.05
Total	13.73
Visa	13.73

Acct: xxxxxxxxxxxx0864  
Authorization 004324

119191



Earn FREE FOOD for this order!  
Just go to the Jack Pack Rewards page on  
[www.jackinthebox.com](http://www.jackinthebox.com) or our mobile app.  
Scan the barcode or enter the digits  
below. Exp in 72 hrs.



# NOW HIRING

ALL POSITIONS



# Guest Cheob

160

TABLE	GUEST	SERVER	
9		RH	<b>03581</b>
2	Sapporo Sm.		5.50 <sup>x2</sup>
⊗	87 pork/med		19.96
	NI shirp/mild		18.96
	+cal.		
		Tax	4.12
		Total	<b>54.02</b>

ASIAN EXPERIENCE INC  
 215 Center St  
 Taft, CA 93268  
 (888) 763-1815  
02/28/2024 18:19:34

### Credit Sale

TransactiOn #: 38  
 Card Type: Visa  
 Account: \*\*\*\*\*5236  
 Entry: Chip  
 Invoice #: 70J13 80579615903982  
 RRX: 406002483416  
 Auth. Code: 082320  
 Batch 4: 308  
 Rcspuiise: AUTHORIZED

Mode: A000000031010  
 AID: 0080008000  
 TVR: E800  
 TST: 15AC1349F184156C  
 AC: D281  
 ATC: CHASE VISA  
 APPN:

Sub Tot: USDA 54.02

Tip Amount: USD\$ 10  
 Total: USD\$ 64.02

Sugges ted Tip A0·ounts :  
 1SP: \$8.10 18S: \$9.72  
 206 \$10.80

cLIST 014Eg COPY

SA1084





**BUCKHORN**

New Cuyama, CA 4923  
Primerio St. 93254  
(661)766-2825

Y'ALL COME BACK NOW

Check: 233342

Table: CB5

Server: Karissa R

03/07/24

12:14pm

---[Seat 1]---  
1 Tri Tip Dip \$21.00  
1 Coca Cola \$2.50

Tax 1: \$23.50  
Non Cash Adj: \$1.83  
Sub w/Tax: \$0.94  
Cash Total: \$26.27  
CC Total: \$25.33  
\$26.27

Customer Copy

Check: 233342  
Card Type Visa  
Card Number \*\*\*\*\*6960  
Auth Code 042850  
Expiration Date \*\*/\*\*

Amount \$26.27

Tip: 6.00

Total: 32.27



Customer Copy  
The Original Hacienda  
ORIGINAL HACIENDA GRILL

Original Hacienda Grill  
Restaurant & Cantina  
American and Mexican Food  
11111111, 11111111  
1,1, <1 '232i8

CLERK ID: Bruce  
Sun 3/17/2024 8:50:44 PM  
Check 43-1 Table 3  
Marina S.  
Station Cashier

Check 43 Table 3  
Marina S. 3/17/2024  
Guests 3 8:45 PM

Chicken Fajitas 11.15  
POT BEANS  
NO SOUR  
24 oz Draft XX 9.99

Subtotal 11.15  
Tax 1.18  
TOTAL 27.82

11111111(DI: DUII 27.82

1" s: "1 i tt oup19 .1111" b  
zr h b t; / "1/1.118

-Thank You-  
(661) 763-1655  
Pay Server  
A 15% gratuity is suggested  
(?J1 Qf1111t\*3 of \*i 0EN018.

ENTRY LEGEND/MODE: CHIP READ/CONTACT

I AGREE TO PAY THE ABOVE TOTAL AMOUNT  
ACCORDING TO CARD ISSUER AGREEMENT  
(MERCHANT AGREEMENT IF CREDIT VOUCHER)

1' slt !"fotlk'd xX)::k:d:lj  
/1>pi-<'. <1 f.11"13#11  
rll.Fb.it.:Aci.:!t07o...>to'. it  
APPLICATION LABEL: CHASE VISA  
AID: A0000000031010  
ATC: 0290  
AC: 0B0494C496B1BCB1  
TVR: 0080003000  
IAD LG02f203A0A0f2  
1'!>I.1 1':1!0()

BASE \$27.82

TOTAL 33.82

Customer Copy

-Thank You-



Caribou Coffee - B  
8500 Pena Blvd  
Denver, CO 80249

**PIERCE**

Host: PIERCE  
03/18/2024  
6:36 AM  
20085

Press Coffee 0.00  
Cold Press Coffee Large 5.95  
Blueberry Scone 3.80

Subtotal 9.75  
Tax 0.78

Order [redacted] 10.53

AMEX #XXXXXXXXXXXX3413 10.53  
Tip 1.95  
Total 12.48  
Auth:885231

Thank you!!!  
We would love to hear from you  
feedback@skyporco.com  
720 868 5925  
This restaurant participates in an  
employee tip share program  
gratuities are shared by employees

--- C, z t rlosed ---



DOLLAR GENERAL STORE #20008  
TAFT, CA 661-293-2050

BELVITA BLBRRY	044000028299	E	4.15
OTR CWY CHOC CHIP	850051127054	E	2.75
NV ALMOND BISCUIT	016000466845	E	3.95
OLD TRAPPER PEPPER	079694222043	E	11.90

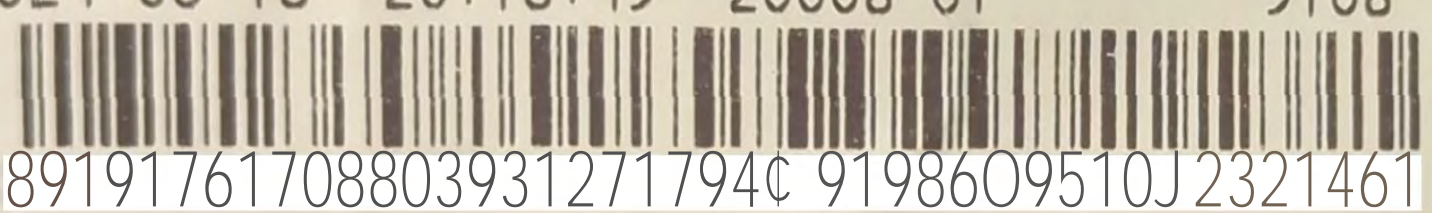
PLANTERS TRAIL MIX	029000078628	E	2.50
CHIFLES PLANTAIN C	071026112756	E	J.00
BOJhCHitKRPOP SKT	81878011938	E	3.85
RL,S\$RIHt RTER 1	07 140005000	E	Z.00

2 @ 1.00  
CA CRV Fee .10 E 0.20  
2 @ 0.10

**TOTAL SALE** \$32.30

AMEX 1004 CHIP \$32.30  
RUTH4 883372

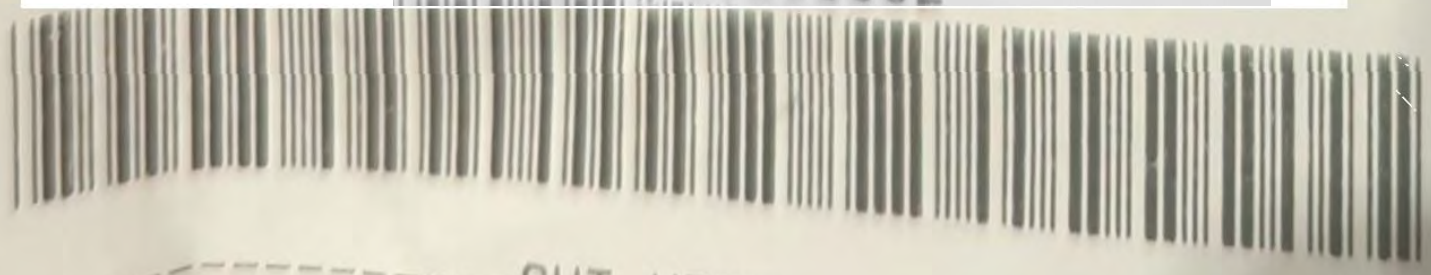
REF: 000000182710 AID: A000000025010801  
2024-03-18 20:16:49 20008 01 9708



-----CUT HERE-----  
 \*\*\*\*\*  
 x Complete survey at [dgcustomerofiosl.com](http://dgcustomerofiosl.com) +  
 \* For a chance to \*  
 \* **WIN A \$100 Gift Card** \*  
 \* Weekly Drawings, Must be 18+ to enter \*  
 \* Survey Code \*  
 \* **2097-0678-1987-112** \*  
 \*\*\*\*\*

-----CUT HERE-----  
**SATURDAY MAR. 23<sup>RD</sup> ONLY!**  
 DG Store Coupon Valid 3/23/2024  
**\$5 OFF \$25**  
 \$5 off your purchase of \$25 or more (pretax)  
 OR SHOP ONLINE AT [DOLLARGENERAL.COM](http://DOLLARGENERAL.COM)

62 or n«Pe (Prefax J al fer al other DG  
 d«gCOMNŽ fi Limit one DG \$2, \$3, or \$5  
 off sRur e ru«go«• rer customer. Excludes:  
 phone, gift and prepaid financial cards,  
 id win l l ctor  
 rental, propane, tobacco and alcohol  
 X0328598137390002



-----CUT HERE-----



C AND H MARKET  
4858 PRIMERO ST  
NEW CUYAMA, CA, 93254  
661-766-2761

03/18/2024

12:01:03

CREDIT CARD

AMEX SALE

Card #	XXXXXXXXXXXX1004
Chip Card:	AMERICAN EXPRESS
AID:	A000000025010801
SEQ #:	27
Batch #:	4
Trans #:	5
Approval Code:	807594
TRANS ID:	010555361740070
Entry Method:	Contactless
Mode:	Issuer

SALE AMOUNT

\$6.40

THANK YOU

CUSTOMER COPY



Starbucks Coffee #59623  
1044 Kern St  
Taft, CA XXX-XXX-XXXX

CHK 721585  
03/19/2024 06:25 AM  
XXX0516 Drawer: 1 Reg: 1

**Cafe**  
Order

Vt Latte	5.45
Triple	1.25
Oatmilk	0.70
Trky Pesto Sdw	7.25

Subtotal	14.65
Discounts	0.00
Tax	0.00
Gratuity	5.00
Total	19.65
<b>Change Due</b>	<b>0.00</b>

Payments

Amex 19.65  
XXXXXXXXXXXX1004  
Card Entry: CONTACTLESS  
Trans Type: SALE  
App Label: AMERICAN EXPRESS  
Auth: 845944  
AID: A00000002501  
TVR: 0000008000  
TSI: A800

----- Check Closed -----  
03/19/2024 06:25 AM

Join our loyalty program  
Starbucks Rewards®  
Sign up for promotional emails  
Visit [Starbucks.com/rewards](https://www.starbucks.com/rewards)  
Or download our app  
At participating stores



Starbucks Coffee #59623  
1044 Kern St  
Taft, CA XXX-XXX-XXXX

CHK 726952  
03/20/2024 06:40 AM  
XXX5134 Drawer: 1 Reg: 1

**Cafe**

Order

Gr Americano	3.95
Quad	0.30
Oatmilk 1/2"	

Subtotal	4.25
Discounts	0.00
Tax	0.00
Gratuity	2.00
Total	6.25
<b>Change Due</b>	<b>0.00</b>

Payments

Amex	6.25
------	------

XXXXXXXXXXXX1004  
Card Entry: CONTACTLESS  
Trans Type: SALE  
App Label: AMERICAN EXPRESS  
Auth: 880393  
AID: A00000002501  
TVR: 0000008000  
TSI: A800

----- Check Closed -----  
03/20/2024 06:40 AM



# CUYAMA

## 8U (.KHORM)

New Cuyama, CA 4923  
Primerio St. 93254  
(661)766-2825  
Y'ALL COME BACK NOW

Check: 234212  
Table:  
Server: Raul P  
03/20/24 12:33pm

---[Seat 1]---  
1 Pulled Fork Sandwich \$23.25  
+carolina  
SD Salad  
is@ú úø\*íú@ (/øøz \$4.00

Tax 1: \$27.25  
Non Cash Adj: \$2.12  
Sub w/Tax: \$1.09  
Cast Total: \$30.46  
Ø2Q .37  
GOO .40

EMV \$30.46

### Customer Copy

Check: 234212  
Card Type VS  
Card Number \*\*\*\*\*5948  
Auth Code 00313D  
Expiration Date \*\*/\*\*

\$30.46

Tip: 6

Total: s6.y«

Guest Name: \_\_\_\_\_

Room #: \_\_\_\_\_

ROOM TIP: 6-

TOTAL: 36.46

Guest Signature: \_\_\_\_\_

For Pool Service / Room Service / or Parties of 6 or more there is an automatic 20% gratuity.

Cafe

T1



# Guest Check

169

TABLE	GUESTS		
2		LJ	09001
No. W.r.			
	405 Sm		5.00
	Fb/Chk/Hot		
	ex veg		16.95
	NI/Chk/Hot		
	total		16.95
3/18/2024			
	- tip	\$ 3	
Total = \$50.11			
	Tax	3.21	
	Total	42.11	

SA10RA

aderns

215 Center St.  
Taft, CA 93268  
(866) 763-1815

03/18/2024

19:10:57

Credit sale

TransactioD 63  
Card Type: Visa  
Account: \*.\*\*\*\*\*S236  
Entry: Chip  
Invoice #: 63  
HREF: 7108142615036844204960  
RRN: 407902007476  
Auth. Cnde: 03061D  
Batch #: 3 24  
Response: AUTHORIZ

Mode: Issuer  
ATD: A0000000031010  
TVR: DD80008000  
TSI: E800  
AC: gj Aa;87BE7A8F7  
ATC:  
APPN: CHASE VTSA

Sub Tot: USD\$42.11

Tip Amount: USD\$ 8.-

Total: US\$ \_\_\_\_\_

Suggested Tip Amounts:

SP: \$0.32 18\* \$ .75 \* 20\* \* 8.4\*

CUSTOMER COPY



Customer Copy

La Cima

LA CIMA MEXICAN FOOD & CANTINA  
1107 KERN ST  
TAFT, CA 93268

Wed 3/20/2024 6:28:00 PM  
Check 43-1  
Yoly  
Station CASHIER

\_\_\_\_\_ does receipt of goods  
\_\_\_\_\_ .Žb9 6S0UBt if the  
\_\_\_\_\_ and agrees to perform  
the obligations set forth in the  
\_\_\_\_\_ t rttth the Issuer

VISA XXXXXXXXXXXX5948 (M)  
Approval 02797D

BASE \$16.21

TIP 3-

TOTAL 19.21

Customer Copy





1107 Kern St Suite#4  
Taft, CA 93268  
(661)745-4390

Check 36 Table 2  
George F. 3/19/2024  
Dine In 7:24 PM

Spinach Enchiladas 15.95  
Fire Grill Enchiladas 16.99  
sn'd Chick 1.00  
Nanarindo Jarritos 4.50  
SMALL PASIFICO 5.99

Subtotal 44.43  
Tax 3.6

TOTQL 48.09

BQLQNTEDUE 48.09

If split among 4 guests  
each pay \$12.03

Thank you for dinnin9  
at LaFima  
6C1 745-4390

Customer Copy

La Cjaa

LA CIMA MEXICAN FOOD & CANTINA  
1107 KERNST  
TAFT, CA 53268

Tue 3/19/2024 7:26:18  
Check 36-1 Table 2  
George F.  
Std on 04SHIER

Cardholder acknow"ledges rece pt ol goods  
and/or serv ices ) n the amount of the  
TOTAL shorn henon and agrees to pet form  
the obj gat ords set forth In the  
Oardho1der agreeaent wJ th the lss ei

VISA XXXXXXXXXXXXX5236 (M)  
Approval 08577D

BASE %48.09

TH 9-

TOTAL 57.09

Customer Copy

\*US\*00!8F \$0py

La Cima

LA CIMA MEXICAN FOOD & CANTINA  
1107 KERN ST  
TAFT, CA 93268

Thu 3/21/2024 4:57:34 PM

██████████  
\*@0F @

Station CASHIER

Cardholder acknowledges receipt of goods  
and/or services in the amount of the  
TOTAL shown hereon and agrees to perform  
the obligations set forth in the  
Cardholder agreement with the issuer

VISAXXXXXXXXXXXX5948 (N)  
Approval 017890

BASE	\$15,67
TIP	<u>4</u>
TOTAL	<u>19.67</u>

Customer Copy



Starbucks Coffee #59623  
1044 Kern St  
Taft, CA XXX-XXX-XXXX

CHK 727975  
03/21/2024 07:50 AM  
XXX8883 Drawer: 1 Reg: 2

**Cafe**  
Order

Vt Blonde Roast 3.25  
Trky Pesto Sdw 7.25

Subtotal 10.50  
Discounts 0.00  
Tax 0.00  
Gratuity 5.00  
Total 15.50  
**Change Due 0.00**

Payments

Amex 15.50  
XXXXXXXXXXXX3413  
Card Entry: CONTACTLESS  
Trans Type: SALE  
App Label: AMERICAN EXPRESS  
Auth: 808753  
AID: A00000002501  
TVR: 8000008000  
TSI: 2800

----- Check Closed -----  
03/21/2024 07:50 AM



DOLLAR GENERAL STORE 4300R  
TRFT, CR 661- 1 Z

BELVITA BLBRRY	)2	#	4.15
OTR CWY CHOC CHIP	850*ul1zTJ51	č	2.75
NV ALMOND BISCUIT	S166061££84S	E	1.95
erD TerPPER PEPPER	zr ù iss4zzz»11	r	)1 50
2 @ 5.95			
PLANTERS TRAIL MIX	029000078628	E	2.50
CHIFLES PLANTAIN C	071026112756	E	1.00
B SflthIC ppp SkT	8 8 gû0J1938	E	ù 85
SPRING KRTER 1	p751400ö«û00	č	'2.00
2 @ 1.00			
CA CRV Fee .10		E	0.20
2 @ 0.10			

TOTAL SALE \$32.30

AMEX 1004 CHIP \$32.30

AUTH# 883372

REF: 000000182710 AID: 000002S01080

2024-03-J8 0:16.9 FLOOR 1 9708



8AI91Z6IŽa88ö39SIZÉIEAãI9I 00951û12S2t461

-----CUT HERE-----

\*\*\*\*\*  
 \* Complete survey at [dgscustomerfeedback.com](http://dgscustomerfeedback.com) \*  
 \* For a chance to \*  
 \*WIN A \$100 Gift Card\*  
 \* keep 1u Ooauings, hush be 18+ to enten \*  
 \* Survey Code \*  
 \* 2097-0678-1987-112 \*  
 \*\*\*\*\*

-----CUT HERE-----  
**SATURDAY MAR. 23<sup>RD</sup> ONLY!**  
 DG Store Coupon Valid 3/23/2024

**\$5 OFF \$25**  
 \$5 off your purchase of \$25 or more (pretax)  
 OR SHOP ONLINE AT DOLLARGENERAL.COM

s2S or more (8cel as) aFtec a l ofhei bG discounts Linil one bG â2 â3, or â5 of/ storp couPor> Fer custonar Ext ludes: phone, gift and prepaid financial cards; prepaid wireless handsets, Rug Doctor rental, propane, tobacco and alcohol.  
X0328598137390002



-----CUT HERE-----



# CUYAMA BUCKHORN

New Cuyama, CA 4923  
Primeria St. 93254  
(661)766-2825  
Y'ALL COME BACK NOW

Check:234271  
Table:TB6  
Server:Megan H  
03/21/24 12:29pm

---[Seat 1]---	
1 Tri Tip Dip	\$25.00
SD Salad	
1 Iced coffee (12oz)	\$3.50
	\$28.50
Tax 1:	\$2.21
Non Cash Adj:	\$1.14
Sub w/Tax:	\$31.85
Cash Total:	<b>\$30.71</b>
CC Total:	<b>\$31.85</b>

Visa \$31.85

Guest Name: \_\_\_\_\_

Room #: \_\_\_\_\_

ROOM TIP: 7

TOTAL: 38.85

Guest Signature: \_\_\_\_\_

Thank you.  
For Pool Service / Room Service / or Parties of 6 or more there is an automatic 20% gratuity.

Cafe

T6



ASIAN EXPERIENCE INC  
215 Center St  
Taffet CA 93268  
(661) 763-1815

03/26/2024

19:12:49

### Credit Sale

Transaction #: 53  
Card Type: Visa  
Account: \*\*\*\* \* 8129  
Country: Chip  
Invoice #: 7115055716576192604973  
HRN: 408702597178  
Auth. Code: 07566D  
Batch #: 330  
Response: AUTHORIZED

Mode: Issuer  
AIDR: A0000000031010  
TST: 0080008000  
ATC: E800  
APPN: D97EF84A7A70BD2B  
CHASE VISA

Sub Tot: USD\$22.14

Tip Amount: USD\$ 6.00

Total: USD\$ 28.14

Suggested Tip Amounts:  
15%: \$3.32 18%: \$3.99 20%: \$4.43

CUSTOMER COPY



Dialing Instructions

Pour La France Café  
8900 Pena Blvd  
Denver, CO 80249

Server: Alex  
Table 111/1  
Guests: 1

03/26/2024  
8:11 AM  
20013

Bloody Mary  
Salmon & Spinach Crepe

13.00  
21.00

Subtotal  
Tax

34.00  
2.72

**Total**

**36.72**

Balance Due

36.72

Thank You!!!

Comments or concerns?  
feedback@skyportco.com  
or call: 720 868 5934

This restaurant participates in an  
employee tip share program  
gratuities are shared by employees

**Taft**

93268

00) 528-

yle. Contemporary Design.



Services.

is 11:00am.

.....Dial room ni

.....Dial 9 + the ni

al 9 + area code + the ni

ual air-conditioning. A r  
located on the bathroom

s to achieve the desired

n your room. Should you  
act guest services by

n the breakfast room bet

g, faxing, computer and f

not permitted.

h 6th Street, Taft, CA  
Reservations: 1 (8

**Rewarding S**

Each Best Western® brand

# TRADER JOE'S

1795 S. Victoria Avenue  
Ventura, CA 93003  
Store #0045 - 805-650-9977

OPEN 8:00AM TO 9:00PM DAILY

## SALE TRANSACTION

YOGI ELDERBERRY LEMON BA	\$3.99
BARS PB&J	\$3.29
THINK THIN BROWNIE CRUNC	\$1.99
GOMACRO DARK CHOCOLATE A	\$2.69
BAREBELLS COOKIES & CREA	\$2.29
APPLE STRAWBERRY DF BAR	\$0.99
APPLE STRAWBERRY DF BAR	\$0.99
APPLE ORG GRANNY SMITH 2	\$2.99

Items in Transaction: 8

Balance to pay

VISA

\$19.22  
\$19.22

## PAYMENT CARD PURCHASE TRANSACTION CUSTOMER COPY

VISA CREDIT \*\*\*\*\*8129  
 Type: Chip Read Auth Code: 000070  
 AID: A0000000031010 PAN Seq: E800  
 TVR: 000008000 TSI: E800  
 IAD: 06021203AD2002 TID: \*\*\*6000  
 MID: \*\*\*\*\*27013  
 TOTAL PURCHASE \$19.22

No Cardholder Verification

Please retain for your records

J. Bruce  
 STORE TILL TRANS. DATE  
 0045 1 532651 03-26-24 13:40

THANK YOU FOR SHOPPING AT  
TRADER JOE'S

[www.traderjoes.com](http://www.traderjoes.com)

available at all times

press, Diners  
checks will not  
been made with

desk and/or

on the guest room  
"O" for guest  
vice by dialing

The fitness facility  
equipment.

to inquire about  
mat, weights and  
when you are

such as soap, hair  
brush, toothpaste,  
from guest services

s to assist with all

s available in all  
d internet access. 24  
sistance.



# CUYAMA BUCKHORN

New Cuyama, CA 4923  
Primerio St. 93254  
(661)766-2825  
Y'ALL COME BACK NOW

Check: 234818  
Table: CB8  
Server: Karissa R  
03/27/24

03:07pm

—[Seat 1]—  
1 Avocado Toast \$16.00  
1 Diet Coke \$2.50

Tax 1: \$18.50  
Non Cash Adj: \$1.44  
Sub w/Tax: \$0.74  
Cash Total: \$20.68  
CC Total: \$19.94  
\$20.68

Guest Name: \_\_\_\_\_

Room #: \_\_\_\_\_

ROOM TIP: \_\_\_\_\_

TOTAL: \_\_\_\_\_

Guest Signature: \_\_\_\_\_

Thank you.

For Pool Service / Room Service / or Parties of 6 or more there is an automatic 20% gratuity.

Cafe

CNTR 8



# CUYAMA BUCKHORN

New Cuyama, CA 4923  
Primerio St. 93254  
(661)766-2825  
Y'ALL COME BACK NOW

Check:234334  
Table:TB6  
Server:Raul P  
03/22/24

12:55pm

---

—[Seat 1]—

1 Harvest Salad	\$21.00
+Chx	
1 Iced coffee (16oz)	\$4.00
1 Pastry Chef Special	\$8.00

---

	\$33.00
Tax 1:	\$2.56
Non Cash Adj:	\$1.32
Sub w/Tax:	\$36.88
Cash Total:	<b>\$35.56</b>
CC Total:	<b>\$36.88</b>

---

EMV \$36.88

Guest Name: \_\_\_\_\_

Room #: \_\_\_\_\_

ROOM TIP: 7

TOTAL: 43.88

Guest Signature: *Suh P.*

Thank you.  
For Pool Service / Room Service / or Parti  
es of 6 or more there is an automatic 20%  
gratuity.

Cafe

T6



TAQUERIA VALLARTA  
 6272 HWY 9  
 FELTON, CA 95018

-----  
 CHK# 208 T/O 10  
 ANTONIO # 4  
 03/26/2024 14:07 0 CASHIER 1  
 -----

DINING

1	REG-BRTO CARNITA CON GUACAMOLE	10.58
1	-----	0.00
1	MD SOFT DRINK	3.09
1	BEVERAGE CUP	0.25
1	-----	0.00
1	***TO-GO***	0.00
1	***TO-GO***	0.00
	SUBTOTAL:	13.92
	TAX:	1.25
A#208	T#6739	-----
<b>TOTAL</b>		<b>15.17</b>
CASH		15.17
CHANGE:		0.00

-----  
 CHECK # 208 03/26/2024 14:07 CLOSED  
 -----

FOR ORDERS TO-GO  
 CALL (831) 335-4264  
 "GRACIAS"



Starbucks Coffee #59623  
1044 Kern St  
Taft, CA XXX-XXX-XXXX

CHK 733241  
03/22/2024 06:52 AM  
XXX5134 Drawer: 1 Reg: 1

Cafe  
Order

Vt Blonde Roast 3.25  
Lt Oatmilk 1/4"

Subtotal 3.25  
Discounts 0.00  
Tax 0.00  
Gratuity 2.00  
Total 5.25  
**Change Due 0.00**

Payments

Amex 5.25  
XXXXXXXXXXXX1004  
Card Entry: CONTACTLESS  
Trans Type: SALE  
App Label: AMERICAN EXPRESS  
Auth: 824565  
AID: A00000002501  
TVR: 0000008000  
TSI: A800

----- Check Closed -----  
03/22/2024 06:52 AM

Join our loyalty program  
Starbucks Rewards®  
Sign up for promotional emails  
Visit Starbucks.com/rewards  
Or download our app  
At participating stores  
Some restrictions apply



FOSTER'S DONUTS  
1040 KERN ST.  
TAFT, CA 932682739

03/22/2024

06:48:58

CREDIT CARD

AMEX SALE

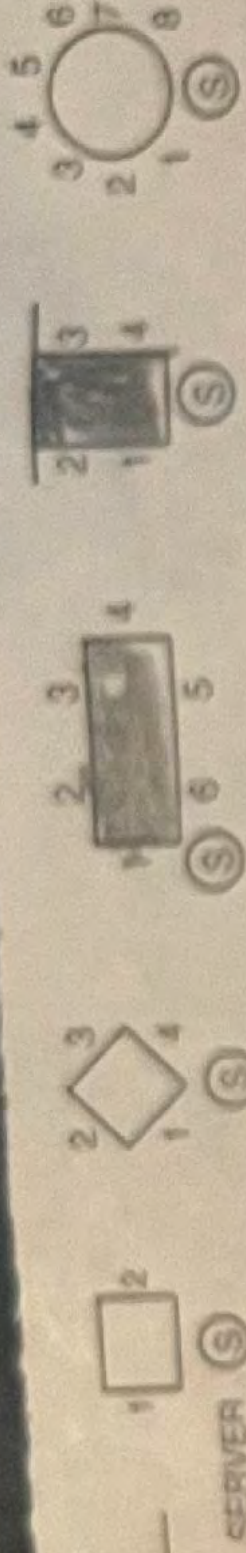
Card #	XXXXXXXXXXXX1004
Chip Card:	AMERICAN EXPRESS
AID:	A000000025010801
SEQ #:	51
Batch #:	459
INVOICE	51
Approval Code:	821354
Entry Method:	Chip Read
Mode:	Issuer

SALE AMOUNT \$7.25

CUSTOMER COPY



TAKE ORDER  
LEFT TO RIGHT  
CLOCKWISE



Date	Table	Guests	Server
F	1	1	24308

APPT - SOUP/SAL - ENTREE - VEG/POT - DESSERT - BEV

# 7 Jamal Pvlrco 1395

~~Deokel 375~~

~~\$1916~~

1770

Tax

196

1916

Total

Thank You — Please Come Again



Receipt Copy

LA CIMA RESTAURANT & CANTINA



LA CIMA

1107 Kern St Suite#4  
Taft, CA 93268  
(661) 745-4390

-----  
Check 23  
George F.  
Dine In  
-----

Table 3  
3/29/2024  
4:38 PM

-----  
Gr'd Chicken Burrito 14.99  
Diet Coke 3.50  
-----

-----  
Subtotal 18.49  
Tax 1.53  
-----


TOTAL ----- 20.02

BALANCE DUE 20.02

If split among 4 guests  
each pay \$5.01

-----  
Thank you for dining  
at La Cima  
661 745-4390



American 



BAGGAGE CHARGE RECEIPT

PASSENGER NAME  
PATRICK R KELLY

UPT050LB 23KG AND62LI

1

40.00 USD

PHL LAX - AA

Total with Applicable TFC  
Credit Card DS XXXXXXXXXX2131

40.00 USD

Fare XT 0.00

TFC 0.00

TFC

FLIGHT  
2019

DATE  
FEBRUARY 28, 2024

PNR: ORLADY

AGENT: PHL-SSM

001

0276832575

5

Total 40.00 USD


TFC'S & CHARGES

NOT

TRAVEL

Alt Text: A piece of paper with black text

Approve

 Edit

Confirmation code: **ORLAJY**

## Your purchase

**Patrick R Kelly**

Join the AAdvantage® Program

Checked Bag (LAX-PHL)	\$35.00
Document #: (0014429817462)	

---

<b>Total cost</b>	<b>\$35.00</b>
-------------------	----------------

## Your payment

Visa (ending 6960)	\$35.00
--------------------	---------

---

<b>Total paid</b>	<b>\$35.00</b>
-------------------	----------------



Confirmation Number:

**DHMZRK****Flight 1 of 1 UA1325****Class: United Economy (S)**

Tue, Mar 26, 2024

**04:05 PM**

San Jose, CA, US (SJC)

Tue, Mar 26, 2024

**07:38 PM**

Denver, CO, US (DEN)

## Traveler Details

PIERCE/SARAH

eTicket number: **0162372103117**Seats: **SJC-DEN 22C**Frequent Flyer: **UA-XXXXX583 Premier Silver**

## Purchase Summary

Method of payment:

**Visa ending in 5948**

Date of purchase:

**Tue, Mar 12, 2024**

Airfare:	<b>175.81</b>
U.S. Transportation Tax:	<b>13.19</b>
U.S. Flight Segment Tax:	<b>5.00</b>
September 11th Security Fee:	<b>5.60</b>
U.S. Passenger Facility Charge:	<b>4.50</b>

Total Per Passenger:	<b>204.10 USD</b>
----------------------	-------------------

<b>Total:</b>	<b>204.10 USD</b>
---------------	-------------------

7:27

\* LTE 85%



Mon, Mar 18, 2024

Mon, Mar 18, 2024

**07:46 AM****09:24 AM**

Denver, CO, US (DEN)

Los Angeles, CA, US (LAX)

**Traveler Details****PIERCE/SARAH**

eTicket number:

**0162373606859**Seats: **DEN-****LAX 14F**Frequent Flyer: **UA-XXXXX583****Premier Silver****Purchase Summary**

Method of payment:

**Visa ending in  
5948**

Date of purchase:

**Mon, Mar 18,  
2024**

Airfare:	<b>230.70</b>
U.S. Transportation Tax:	<b>17.30</b>
U.S. Flight Segment Tax:	<b>5.00</b>
Passenger Civil Aviation Security Service Fee:	<b>5.60</b>
U.S. Passenger Facility Charge:	<b>4.50</b>

Total Per Passenger:

**263.10 USD****Total:****263.10 USD****Fare Rules**



**190**

Sale Transaction  
County of San Luis Obispo  
Environmental Health Services  
2156 Ventura Way, Suite B  
San Luis Obispo, CA 93401

---

QTY	Description	Amount
1	Payment	30000
<b>Total</b>		<b>5300.00</b>

---

**APPROVED**

I agree to pay the above total amount as per the card issuer agreement.

---

CREDIT SALE	03/25/2d 13:11
Receipt #	2720032513J011
Terminal #	225/52?0
Clerk 4	CZuur
Tg@	a**** s+*s " \$\$\$
Entry	Keyed
CVM	SIGN
Transaction //	508689235
STAN	6B9235
Aut\Cnde	03JJ5D



Thank You for Your Payment  
Please Visit Us Of  
[www.slocounty.ca.gov/ehs](http://www.slocounty.ca.gov/ehs)



ASIAN EXPERIENCE INC  
215 Center St  
Taft CA 93268  
(661) 763-1815

03/08/2024

20:01:52

### Credit Sale

Transaction #: 51  
Card Type: Visa  
Account: \*\*\*\*\*2605  
Chip  
Entry #: 51  
Invoice #: 7099569180726436603974  
HREF: 406904429317  
RRN:  
Auth. Code: 04755D

Batch #: 316  
Response: AUTHORIZED

Mode: Issuer  
ATD: A0000000031010  
TVR: 0080008000  
TST: E800  
ATC: E38C  
APPN: 00B3  
E795D97B2B6A CHASE VISA

Sub Tot: USD\$37.27

Tip Amount: USD\$

Total: USD\$

Suggested Tip Amounts:

15%: \$5.59 18%: \$6.71 20%: \$7.45

CUSTOMER COPY





# INVOICE

8216 Lankershim Blvd., #12  
 North Hollywood, CA 91605  
 Phone:818-886-4500  
 Email: accounting@spectrum-geophysics.com

**Date:** Tue Mar 19, 2024  
**Due Date:** Wed Jun 19, 2024  
**Invoice #:** 4267

**Bill To:**

Woodard & Curran  
 2175 North California Blvd., Suite 315  
 Walnut Creek, CA 94596

**Job Site:**

Cuyama Valley Groundwater Basin,  
 Santa Barbara Canyon Fault, Cuyama,  
 CA

**Work Authorized by:** Jim Strandberg

**Client Project Number:**

**PO/WO/TO**

**Number:** 0011078.01.059

				Terms	
				Net 90	
Qty	Name	Description	Rate	Amount	
1	Professional Services	2/12/24 - 2/16/24 Mobilization Equipment Electrical Resistivity Data Collection	\$47,135.00	\$47,135.00	
			<b>Total</b>	<b>\$47,135.00</b>	
			<b>Paid</b>	<b>\$0.00</b>	
			<b>Amount Due</b>	<b>\$47,135.00</b>	

**Invoice Notes:**

Collected electrical resistivity data along two transects.

**Payment terms are NET 30** unless otherwise stipulated by contract with . Spectrum Geophysics has extended credit for the invoiced amount. In consideration, should it be necessary to place this account with a collections agency, will be responsible for finance fees, collection charges, plus the invoiced amount.

---

**Spectrum Environmental Services, Inc., a California Corporation, Federal Tax ID #95-3985559**

Thank you for your business!



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 # 324020</b>	<b>4/5/2024</b>
Account Number	Insurance Agent
<b>CUYABAS01C</b>	Daren Griswold, CIC, CLCS
Balance Due On	Invoiced By
<b>4/5/2024</b>	MHERNANDEZ
Amount Paid	Amount Due
	<b>\$17,317.00</b>

<b>Agency Services</b>	<b>Policy Number: 2024AGENCYFEE</b>	<b>Effective: 04/01/2024 to 04/01/2025</b>
------------------------	-------------------------------------	--------------------------------------------

Trans Eff Date	Due Date	Trans	Description	Amount
Apr 1, 2024	04/05/2024	FTAG	Broker Fee	\$750.00

<b>General Liability</b>	<b>Policy Number: JPACP00071 00</b>	<b>Effective: 04/01/2024 to 04/01/2025</b>
--------------------------	-------------------------------------	--------------------------------------------

Trans Eff Date	Due Date	Trans	Description	Amount
Apr 1, 2024	04/05/2024	PREM	4/1/2024 - 4/1/2025 General Liability Policy Premium	\$12,316.00
Apr 1, 2024	04/05/2024	FTOT	JPRIMA Administration Fee	\$1,330.00

<b>Excess Liability</b>	<b>Policy Number: JPAXS00071 00</b>	<b>Effective: 04/01/2024 to 04/01/2025</b>
-------------------------	-------------------------------------	--------------------------------------------

Trans Eff Date	Due Date	Trans	Description	Amount
Apr 1, 2024	04/05/2024	PREM	4/1/2024 - 4/1/2025 Excess Liability Policy Premium	\$2,655.00
Apr 1, 2024	04/05/2024	FTOT	JPRIMA Administration Fee	\$266.00

**Total Invoice Balance: \$17,317.00**

Please make check payable to: INSURICA  
Payment is due upon receipt

**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 AND the Account Zip Code listed at the bottom and top of the invoice. Convenience fees will apply for online transactions.**





TO: Board of Directors  
Agenda Item No. 10

FROM: Taylor Blakslee, Hallmark Group

DATE: May 1, 2024

SUBJECT: Approve Financial Reports for February and March 2024

**Recommended Motion**

Approve financial reports for February and March 2024.

**Discussion**

The Cuyama Basin Groundwater Sustainability Agency's financial report for February 2024 is provided as Attachment 1 and the financial report for March 2024 is provided as Attachment 2.

The reports include:

- Statement of Financial Position
- Receipts and Disbursements
- A/R Aging Summary
- A/P Aging Summary
- Statement of Operations with Budget Variance
- 2023/2024 Operating Budget



# **Cuyama Basin GSA**

## **Financial Statements February 2024**



**CUYAMA BASIN GSA**  
**Statement of Financial Position**  
As of February 29, 2024

196

	Feb 29, 24	Feb 28, 23	\$ Change	% Change
<b>ASSETS</b>				
<b>Current Assets</b>				
<b>Checking/Savings</b>				
Chase - General Checking	1,426,747	1,230,074	196,673	16%
<b>Total Checking/Savings</b>	1,426,747	1,230,074	196,673	16%
<b>Accounts Receivable</b>				
Accounts Receivable	1,303,430	1,029,759	273,671	27%
<b>Total Accounts Receivable</b>	1,303,430	1,029,759	273,671	27%
<b>Total Current Assets</b>	2,730,177	2,259,834	470,343	21%
<b>TOTAL ASSETS</b>	<b>2,730,177</b>	<b>2,259,834</b>	<b>470,343</b>	<b>21%</b>
<b>LIABILITIES &amp; EQUITY</b>				
<b>Liabilities</b>				
<b>Current Liabilities</b>				
<b>Accounts Payable</b>				
Accounts Payable	940,074	356,757	583,316	164%
<b>Total Accounts Payable</b>	940,074	356,757	583,316	164%
<b>Other Current Liabilities</b>				
New/Repl Well Deposits	2,200	0	2,200	100%
<b>Total Other Current Liabilities</b>	2,200	0	2,200	100%
<b>Total Current Liabilities</b>	942,274	356,757	585,516	164%
<b>Total Liabilities</b>	942,274	356,757	585,516	164%
<b>Equity</b>				
<b>Unrestricted Net Assets</b>	2,080,948	1,115,300	965,648	87%
<b>Net Income</b>	-293,045	787,776	-1,080,821	-137%
<b>Total Equity</b>	1,787,903	1,903,076	-115,173	-6%
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>2,730,177</b>	<b>2,259,834</b>	<b>470,343</b>	<b>21%</b>

**CUYAMA BASIN GSA**  
**Receipts and Disbursements**  
**As of February 29, 2024**

**197**

Type	Date	Num	Name	Debit	Credit
<b>Chase - General Checking</b>					
Payment	07/07/2023	4397	Groundwater Extraction Fees:Sunrise Olive Ranch, LLC	21,138.84	
Bill Pmt -Check	07/12/2023	1145	HGCPM, Inc.		31,707.72
Bill Pmt -Check	07/12/2023	1146	Klein DeNatale Goldner		18,234.50
Bill Pmt -Check	07/12/2023	1147	Provost & Pritchard Consulting Group		6,239.42
Bill Pmt -Check	07/12/2023	1148	Woodard & Curran Inc		161,164.95
Bill Pmt -Check	07/12/2023	1149	Provost & Pritchard Consulting Group		2,005.00
Payment	07/14/2023	21532	Groundwater Extraction Fees:Cuyama Orchards, Inc	12,682.80	
Payment	07/14/2023	1867	Groundwater Extraction Fees:Highland Vineyard SB, LLC	20,109.36	
Bill Pmt -Check	09/08/2023	1150	HGCPM, Inc.		42,426.72
Bill Pmt -Check	09/08/2023	1151	Klein DeNatale Goldner		8,782.05
Bill Pmt -Check	09/08/2023	1152	Provost & Pritchard Consulting Group		7,879.96
Bill Pmt -Check	09/08/2023	1153	U.S. Geological Survey		13,150.00
Bill Pmt -Check	09/08/2023	1154	Woodard & Curran Inc		218,671.47
Payment	10/17/2023	05-251132	Department of Water Resources	391,357.90	
Deposit	10/26/2023			0.71	
Bill Pmt -Check	11/01/2023	1155	HGCPM, Inc.		32,091.98
Bill Pmt -Check	11/01/2023	1156	Klein DeNatale Goldner		14,302.50
Bill Pmt -Check	11/01/2023	1157	Provost & Pritchard Consulting Group		11,238.91
Bill Pmt -Check	11/01/2023	1158	U.S. Geological Survey		13,150.00
Bill Pmt -Check	11/01/2023	1159	Woodard & Curran Inc		246,535.78
Deposit	12/11/2023			2,400.00	
Payment	12/13/2023	05-292282	Department of Water Resources	343,515.24	
Check	12/14/2023	1160	Groundwater Extraction Fees:Bolthouse Land Co, LLC		1,558.75
Bill Pmt -Check	01/10/2024	1161	BC2 Environmental		127,485.00
Bill Pmt -Check	01/10/2024	1162	Daniells Phillips Vaughan & Bock		7,500.00
Bill Pmt -Check	01/10/2024	1163	HGCPM, Inc.		38,547.20
Bill Pmt -Check	01/10/2024	1164	Klein DeNatale Goldner		14,852.15
Bill Pmt -Check	01/10/2024	1165	Provost & Pritchard Consulting Group		10,851.89
Bill Pmt -Check	01/10/2024	1166	Woodard & Curran Inc		123,934.89
Bill Pmt -Check	01/10/2024	1167	BC2 Environmental		199,646.25
Bill Pmt -Check	01/10/2024	1168	Woodard & Curran Inc		174,799.72
Total Chase - General Checking				791,204.85	1,526,756.81
<b>TOTAL</b>				<b>791,204.85</b>	<b>1,526,756.81</b>



**CUYAMA BASIN GSA**  
**A/R Aging Summary**  
As of February 29, 2024

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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	<u>0</u>	<u>0</u>	<u>858,277</u>	<u>0</u>	<u>445,153</u>	<u>1,303,430</u>
<b>TOTAL</b>	<u><b>0</b></u>	<u><b>0</b></u>	<u><b>858,277</b></u>	<u><b>0</b></u>	<u><b>445,153</b></u>	<u><b>1,303,430</b></u>

**CUYAMA BASIN GSA**  
**A/P Aging Summary**  
As of February 29, 2024

	Current	1 - 30	31 - 60	61 - 90	> 90	TOTAL
BC2 Environmental	0	279,425	0	0	0	279,425
CA Assoc of Mutual Water Companies	0	0	100	0	0	100
Daniells Phillips Vaughan & Bock	0	0	1,950	0	0	1,950
HGCPM, Inc.	22,493	29,020	19,835	0	0	71,348
Klein DeNatale Goldner	6,491	49,506	0	12,089	0	68,085
Provost & Pritchard Consulting Group	830	8,701	0	0	1,079	10,610
Woodard & Curran Inc	227,528	110,808	170,219	0	0	508,556
<b>TOTAL</b>	<b>257,342</b>	<b>477,460</b>	<b>192,104</b>	<b>12,089</b>	<b>1,079</b>	<b>940,074</b>



# CUYAMA BASIN GSA

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## Statement of Operations with Budget Variance

July 2023 through February 2024

	Jul '23 - Feb 24	Budget	\$ Over Budget	% of Budget
<b>Ordinary Income/Expense</b>				
<b>Income</b>				
<b>Direct Public Funds</b>				
Groundwater Extraction Fees	530,133	530,133	-0	100%
Grant Reimbursements	1,302,586	2,110,712	-808,126	62%
<b>Total Direct Public Funds</b>	1,832,718	2,640,845	-808,127	69%
<b>Total Income</b>	1,832,718	2,640,845	-808,127	69%
<b>Cost of Goods Sold</b>				
<b>Program Expenses</b>				
<b>Technical Consulting</b>				
Monitoring Network Enhancements	788,551	1,075,000	-286,449	73%
GSP Implementation - W&C	71,634	140,000	-68,366	51%
Stakeholder Engagement	110,298	88,000	22,298	125%
Technical Support for DWR	0	10,664	-10,664	0%
Outreach	0	20,443	-20,443	0%
Grant Proposals	0	28,000	-28,000	0%
Grant Administration	56,775	66,664	-9,889	85%
Improve Basin Water Use Info	39,743	68,000	-28,257	58%
Project & Mgmt Action Impl	273,362	279,000	-5,638	98%
5 Year GSP Update - Technical	394,408	458,966	-64,558	86%
Fault Investigation	67,347	132,500	-65,153	51%
Well Permit Review - Technical	0	8,000	-8,000	0%
<b>Total Technical Consulting</b>	1,802,117	2,375,237	-573,120	76%
<b>Other Technical Consulting</b>				
Monitoring Network	52,359	57,250	-4,891	91%
Stream Gauge Maintenance	0	28,326	-28,326	0%
<b>Total Other Technical Consulting</b>	52,359	85,576	-33,217	61%
<b>Total Program Expenses</b>	1,854,476	2,460,813	-606,337	75%
<b>Total COGS</b>	1,854,476	2,460,813	-606,337	75%
<b>Gross Profit</b>	-21,758	180,032	-201,790	-12%
<b>Expense</b>				
<b>General and Administrative</b>				
<b>GSA Executive Director</b>				
GSA BOD Meetings	79,550	74,265	5,285	107%
Consult Mgmt and GSP Devel	33,200	48,899	-15,699	68%
Financial Information Coor	19,588	34,237	-14,650	57%
Funding Process (GWE Fee)	7,163	3,712	3,451	193%
CBGSA Outreach	9,150	7,145	2,005	128%
Adjudication Support	3,425	1,288	2,137	266%
Management Area Admin	1,188	7,848	-6,661	15%
5-Year GSP Update - Admin	0	12,145	-12,145	0%
Water Use Enforcement	50	16,932	-16,882	0%
Well Permit Review - Admin	0	1,332	-1,332	0%
Travel and Direct Costs	0	3,795	-3,795	0%
<b>Total GSA Executive Director</b>	153,313	211,598	-58,286	72%
<b>Other Administrative</b>				
Legal	100,615	133,332	-32,717	75%
Auditing/Accounting Fees	9,450	10,000	-550	95%
Printing and Copying	3,856	0	3,856	100%
Other Admin Expense	4,054	200	3,854	2,027%
Contingency	0	13,332	-13,332	0%
<b>Total Other Administrative</b>	117,975	156,864	-38,889	75%
<b>Total General and Administrative</b>	271,287	368,462	-97,175	74%
<b>Total Expense</b>	271,287	368,462	-97,175	74%
<b>Net Ordinary Income</b>	-293,045	-188,430	-104,615	156%
<b>Net Income</b>	<b>-293,045</b>	<b>-188,430</b>	<b>-104,615</b>	<b>156%</b>

**CUYAMA BASIN GSA**  
**FY 23/24 Budget Overview**  
 July 2023 - June 2024

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	<b>Jul '23 - Jun 24</b>
<b>Ordinary Income/Expense</b>	
<b>Income</b>	
<b>Direct Public Funds</b>	
Groundwater Extraction Fees	530,133
Grant Reimbursements	4,221,424
<b>Total Direct Public Funds</b>	4,751,557
<b>Total Income</b>	4,751,557
<b>Cost of Goods Sold</b>	
<b>Program Expenses</b>	
<b>Technical Consulting</b>	
Monitoring Network Enhancements	2,443,000
GSP Implementation - W&C	210,000
Stakeholder Engagement	132,000
Technical Support for DWR	16,000
Outreach	30,667
Grant Proposals	42,000
Grant Administration	100,000
Basin Water Use Surveys	102,000
Project & Mgmt Action Impl	491,000
5 Year GSP Update - Technical	688,450
Fault Investigation	330,000
Well Permit Review - Technical	12,000
<b>Total Technical Consulting</b>	4,597,117
<b>Other Technical Consulting</b>	
Monitoring Network	68,000
Stream Gauge Maintenance	56,650
<b>Total Other Technical Consulting</b>	124,650
<b>Total Program Expenses</b>	4,721,767
<b>Total COGS</b>	4,721,767
<b>Gross Profit</b>	29,790
<b>Expense</b>	
<b>General and Administrative</b>	
<b>GSA Executive Director</b>	
GSA BOD Meetings	111,397
Consult Mgmt and GSP Devel	73,351
Financial Information Coord	51,357
Funding Process (GWE Fee)	5,562
CBGSA Outreach	10,721
Adjudication Support	1,932
Management Area Admin	11,772
5-Year GSP Update - Admin	18,217
Water Use Enforcement	25,400
Well Permit Review - Admin	2,000
Travel and Direct Costs	5,691
<b>Total GSA Executive Director</b>	317,400
<b>Other Administrative</b>	
Legal	200,000
Insurance - D&O and General	16,603
Auditing/Accounting Fees	10,000
Other Admin Expense	200
Contingency	20,000
<b>Total Other Administrative</b>	246,803
<b>Total General and Administrative</b>	564,203
<b>Total Expense</b>	564,203
<b>Net Ordinary Income</b>	-534,413
<b>Net Income</b>	<b>-534,413</b>





# **Cuyama Basin GSA**

## **Financial Statements**

### **March 2024**

**CUYAMA BASIN GSA**  
**Statement of Financial Position**  
As of March 31, 2024

203

	Mar 31, 24	Mar 31, 23	\$ Change	% Change
<b>ASSETS</b>				
<b>Current Assets</b>				
<b>Checking/Savings</b>				
Chase - General Checking	947,090	873,317	73,773	9%
<b>Total Checking/Savings</b>	947,090	873,317	73,773	9%
<b>Accounts Receivable</b>				
Accounts Receivable	2,503,430	1,421,252	1,082,177	76%
<b>Total Accounts Receivable</b>	2,503,430	1,421,252	1,082,177	76%
<b>Total Current Assets</b>	3,450,520	2,294,569	1,155,951	50%
<b>TOTAL ASSETS</b>	<b>3,450,520</b>	<b>2,294,569</b>	<b>1,155,951</b>	<b>50%</b>
<b>LIABILITIES &amp; EQUITY</b>				
<b>Liabilities</b>				
<b>Current Liabilities</b>				
<b>Accounts Payable</b>				
Accounts Payable	1,246,338	217,004	1,029,334	474%
<b>Total Accounts Payable</b>	1,246,338	217,004	1,029,334	474%
<b>Other Current Liabilities</b>				
New/Repl Well Deposits	2,200	0	2,200	100%
<b>Total Other Current Liabilities</b>	2,200	0	2,200	100%
<b>Total Current Liabilities</b>	1,248,538	217,004	1,031,534	475%
<b>Total Liabilities</b>	1,248,538	217,004	1,031,534	475%
<b>Equity</b>				
<b>Unrestricted Net Assets</b>	2,080,948	1,115,300	965,648	87%
<b>Net Income</b>	121,034	962,265	-841,231	-87%
<b>Total Equity</b>	2,201,982	2,077,565	124,417	6%
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>3,450,520</b>	<b>2,294,569</b>	<b>1,155,951</b>	<b>50%</b>



**CUYAMA BASIN GSA**  
**Receipts and Disbursements**  
As of March 31, 2024

**204**

Type	Date	Num	Name	Debit	Credit
<b>Chase - General Checking</b>					
Payment	07/07/2023	4397	Groundwater Extraction Fees:Sunrise Olive Ranch, LLC	21,138.84	
Bill Pmt -Check	07/12/2023	1145	HGCPM, Inc.		31,707.72
Bill Pmt -Check	07/12/2023	1146	Klein DeNatale Goldner		18,234.50
Bill Pmt -Check	07/12/2023	1147	Provost & Pritchard Consulting Group		6,239.42
Bill Pmt -Check	07/12/2023	1148	Woodard & Curran Inc		161,164.95
Bill Pmt -Check	07/12/2023	1149	Provost & Pritchard Consulting Group		2,005.00
Payment	07/14/2023	21532	Groundwater Extraction Fees:Cuyama Orchards, Inc	12,682.80	
Payment	07/14/2023	1867	Groundwater Extraction Fees:Highland Vineyard SB, LLC	20,109.36	
Bill Pmt -Check	09/08/2023	1150	HGCPM, Inc.		42,426.72
Bill Pmt -Check	09/08/2023	1151	Klein DeNatale Goldner		8,782.05
Bill Pmt -Check	09/08/2023	1152	Provost & Pritchard Consulting Group		7,879.96
Bill Pmt -Check	09/08/2023	1153	U.S. Geological Survey		13,150.00
Bill Pmt -Check	09/08/2023	1154	Woodard & Curran Inc		218,671.47
Payment	10/17/2023	05-251132	Department of Water Resources	391,357.90	
Deposit	10/26/2023			0.71	
Bill Pmt -Check	11/01/2023	1155	HGCPM, Inc.		32,091.98
Bill Pmt -Check	11/01/2023	1156	Klein DeNatale Goldner		14,302.50
Bill Pmt -Check	11/01/2023	1157	Provost & Pritchard Consulting Group		11,238.91
Bill Pmt -Check	11/01/2023	1158	U.S. Geological Survey		13,150.00
Bill Pmt -Check	11/01/2023	1159	Woodard & Curran Inc		246,535.78
Deposit	12/11/2023			2,400.00	
Payment	12/13/2023	05-292282	Department of Water Resources	343,515.24	
Check	12/14/2023	1160	Groundwater Extraction Fees:Bolthouse Land Co, LLC		1,558.75
Bill Pmt -Check	01/10/2024	1161	BC2 Environmental		127,485.00
Bill Pmt -Check	01/10/2024	1162	Daniells Phillips Vaughan & Bock		7,500.00
Bill Pmt -Check	01/10/2024	1163	HGCPM, Inc.		38,547.20
Bill Pmt -Check	01/10/2024	1164	Klein DeNatale Goldner		14,852.15
Bill Pmt -Check	01/10/2024	1165	Provost & Pritchard Consulting Group		10,851.89
Bill Pmt -Check	01/10/2024	1166	Woodard & Curran Inc		123,934.89
Bill Pmt -Check	01/10/2024	1167	BC2 Environmental		199,646.25
Bill Pmt -Check	01/10/2024	1168	Woodard & Curran Inc		174,799.72
Bill Pmt -Check	03/06/2024	1169	BC2 Environmental		76,350.00
Bill Pmt -Check	03/06/2024	1170	CA Assoc of Mutual Water Companies		100.00
Bill Pmt -Check	03/06/2024	1171	Daniells Phillips Vaughan & Bock		1,950.00
Bill Pmt -Check	03/06/2024	1172	HGCPM, Inc.		48,855.11
Bill Pmt -Check	03/06/2024	1173	Klein DeNatale Goldner		61,594.40
Bill Pmt -Check	03/06/2024	1174	Provost & Pritchard Consulting Group		9,780.00
Bill Pmt -Check	03/06/2024	1175	Woodard & Curran Inc		281,027.33
Total Chase - General Checking				791,204.85	2,006,413.65
<b>TOTAL</b>				<b>791,204.85</b>	<b>2,006,413.65</b>

**CUYAMA BASIN GSA**  
**A/R Aging Summary**  
As of March 31, 2024

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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	1,200,000	0	0	0	1,303,430	2,503,430
<b>TOTAL</b>	<b><u>1,200,000</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>1,303,430</u></b>	<b><u>2,503,430</u></b>



**CUYAMA BASIN GSA  
A/P Aging Summary  
As of March 31, 2024**

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	<b>Current</b>	<b>1 - 30</b>	<b>31 - 60</b>	<b>61 - 90</b>	<b>&gt; 90</b>	<b>TOTAL</b>
<b>BC2 Environmental</b>	0	313,720	203,075	0	0	516,795
<b>HGCPM, Inc.</b>	11,063	0	22,493	0	0	33,555
<b>Insurica</b>	0	17,317	0	0	0	17,317
<b>Klein DeNatale Goldner</b>	0	14,630	6,491	0	0	21,120
<b>Provost &amp; Pritchard Consulting Group</b>	0	0	830	0	0	830
<b>U.S. Geological Survey</b>	13,150	0	0	0	13,150	26,300
<b>Woodard &amp; Curran Inc</b>	402,892	0	227,528	0	0	630,420
<b>TOTAL</b>	<b>427,104</b>	<b>345,667</b>	<b>460,417</b>	<b>0</b>	<b>13,150</b>	<b>1,246,338</b>

# CUYAMA BASIN GSA

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## Statement of Operations with Budget Variance

July 2023 through March 2024

	Jul '23 - Mar 24	Budget	\$ Over Budget	% of Budget
<b>Ordinary Income/Expense</b>				
<b>Income</b>				
<b>Direct Public Funds</b>				
Groundwater Extraction Fees	530,133	530,133	-0	100%
Grant Reimbursements	2,502,586	3,166,068	-663,482	79%
<b>Total Direct Public Funds</b>	3,032,718	3,696,201	-663,483	82%
<b>Total Income</b>	3,032,718	3,696,201	-663,483	82%
<b>Cost of Goods Sold</b>				
<b>Program Expenses</b>				
<b>Technical Consulting</b>				
Monitoring Network Enhancements	1,265,467	1,417,000	-151,533	89%
GSP Implementation - W&C	78,234	157,500	-79,266	50%
Stakeholder Engagement	122,991	99,000	23,991	124%
Technical Support for DWR	0	11,998	-11,998	0%
Outreach	0	22,999	-22,999	0%
Grant Proposals	0	31,500	-31,500	0%
Grant Administration	63,094	74,998	-11,904	84%
Improve Basin Water Use Info	39,743	76,500	-36,757	52%
Project & Mgmt Action Impl	339,112	332,000	7,112	102%
5 Year GSP Update - Technical	468,644	516,337	-47,693	91%
Fault Investigation	141,445	195,000	-53,555	73%
Well Permit Review - Technical	0	9,000	-9,000	0%
<b>Total Technical Consulting</b>	2,518,729	2,943,832	-425,103	86%
<b>Other Technical Consulting</b>				
Monitoring Network	78,659	57,250	21,409	137%
Stream Gauge Maintenance	0	42,489	-42,489	0%
<b>Total Other Technical Consulting</b>	78,659	99,739	-21,080	79%
<b>Total Program Expenses</b>	2,597,388	3,043,571	-446,183	85%
<b>Total COGS</b>	2,597,388	3,043,571	-446,183	85%
<b>Gross Profit</b>	435,330	652,630	-217,300	67%
<b>Expense</b>				
<b>General and Administrative</b>				
<b>GSA Executive Director</b>				
GSA BOD Meetings	83,888	83,548	340	100%
Consult Mgmt and GSP Devel	35,363	55,012	-19,650	64%
Financial Information Coor	23,150	38,517	-15,367	60%
Funding Process (GWE Fee)	7,213	4,176	3,037	173%
CBGSA Outreach	10,000	8,039	1,961	124%
Adjudication Support	3,525	1,449	2,076	243%
Management Area Admin	1,188	8,829	-7,642	13%
5-Year GSP Update - Admin	0	13,663	-13,663	0%
Water Use Enforcement	50	19,049	-18,999	0%
Well Permit Review - Admin	0	1,499	-1,499	0%
Travel and Direct Costs	0	4,269	-4,269	0%
<b>Total GSA Executive Director</b>	164,375	238,050	-73,675	69%
<b>Other Administrative</b>				
Legal	115,244	149,999	-34,755	77%
Insurance - D&O and General	17,317	16,603	714	104%
Auditing/Accounting Fees	9,450	10,000	-550	95%
Printing and Copying	3,856	0	3,856	100%
Other Admin Expense	4,054	200	3,854	2,027%
Contingency	0	14,999	-14,999	0%
<b>Total Other Administrative</b>	149,921	191,801	-41,880	78%
<b>Total General and Administrative</b>	314,296	429,851	-115,555	73%
<b>Total Expense</b>	314,296	429,851	-115,555	73%
<b>Net Ordinary Income</b>	121,034	222,779	-101,745	54%
<b>Net Income</b>	<b>121,034</b>	<b>222,779</b>	<b>-101,745</b>	<b>54%</b>



**CUYAMA BASIN GSA**  
**FY 23/24 Budget Overview**  
 July 2023 - June 2024

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	<b>Jul '23 - Jun 24</b>
<b>Ordinary Income/Expense</b>	
<b>Income</b>	
<b>Direct Public Funds</b>	
Groundwater Extraction Fees	530,133
Grant Reimbursements	4,221,424
<b>Total Direct Public Funds</b>	4,751,557
<b>Total Income</b>	4,751,557
<b>Cost of Goods Sold</b>	
<b>Program Expenses</b>	
<b>Technical Consulting</b>	
Monitoring Network Enhancements	2,443,000
GSP Implementation - W&C	210,000
Stakeholder Engagement	132,000
Technical Support for DWR	16,000
Outreach	30,667
Grant Proposals	42,000
Grant Administration	100,000
Basin Water Use Surveys	102,000
Project & Mgmt Action Impl	491,000
5 Year GSP Update - Technical	688,450
Fault Investigation	330,000
Well Permit Review - Technical	12,000
<b>Total Technical Consulting</b>	4,597,117
<b>Other Technical Consulting</b>	
Monitoring Network	68,000
Stream Gauge Maintenance	56,650
<b>Total Other Technical Consulting</b>	124,650
<b>Total Program Expenses</b>	4,721,767
<b>Total COGS</b>	4,721,767
<b>Gross Profit</b>	29,790
<b>Expense</b>	
<b>General and Administrative</b>	
<b>GSA Executive Director</b>	
GSA BOD Meetings	111,397
Consult Mgmt and GSP Devel	73,351
Financial Information Coord	51,357
Funding Process (GWE Fee)	5,562
CBGSA Outreach	10,721
Adjudication Support	1,932
Management Area Admin	11,772
5-Year GSP Update - Admin	18,217
Water Use Enforcement	25,400
Well Permit Review - Admin	2,000
Travel and Direct Costs	5,691
<b>Total GSA Executive Director</b>	317,400
<b>Other Administrative</b>	
Legal	200,000
Insurance - D&O and General	16,603
Auditing/Accounting Fees	10,000
Other Admin Expense	200
Contingency	20,000
<b>Total Other Administrative</b>	246,803
<b>Total General and Administrative</b>	564,203
<b>Total Expense</b>	564,203
<b>Net Ordinary Income</b>	-534,413
<b>Net Income</b>	-534,413



TO: Board of Directors  
Agenda Item No. 11a

FROM: Taylor Blakslee

DATE: May 1, 2024

SUBJECT: Discuss and Take Appropriate Action on the Fiscal Year 2024-2025 Budget and Cash Flow

**Recommended Motion**

Approve the Fiscal Year 2024-2025 Budget and cash flow.

**Discussion**

On March 6, 2024, staff reviewed the draft Fiscal Year 2024-2025 budget component list (developed with the budget ad hoc Directors) with the Board of Directors.

On April 4, 2024, staff reviewed the draft Fiscal Year 2024-2025 budget and cash flow with the budget ad hoc (Directors Burnes, Das Williams, Deborah Williams, and Wooster) and is provided as Attachment 1 and 2, respectively.

The Fiscal Year 2024-2025 budget and cash flow are provided for consideration of approval.



## DRAFT CBGSA FISCAL YEAR 2024-2025 BUDGET

A		B	
CATEGORY		3-Yr Grant Funded	2024-25 Budget
<b>A HALLMARK GROUP</b>			
1	CBGSA Board of Directors Meetings	Y	\$ 110,990
2	Consultant Management and GSP Implementation	Y	\$ 73,578
3	Financial Information Coordination	Y	\$ 47,587
4	Cuyama Basin GSA Outreach	Y	\$ 11,847
5	Annual Groundwater Extraction Fee	Y	\$ 5,830
6	Prepare 5-Year GSP Update	Y	\$ 20,131
7	Central Management Area Support	Y	\$ 13,005
8	Adjudication Discussions	Y	\$ 2,138
9	Enforcement for Un-reported Water User	N	\$ 25,400
10	Well Permit Review	N	\$ 2,000
11	Other Direct Charges (Mileage, conference lines, copies)	N	\$ 4,894
		Subtotal	\$ 317,400
<b>B LEGAL</b>			
1	General Legal Counsel	Y	\$ 250,000
		Subtotal	\$ 250,000
<b>C ADMIN</b>			
1	Audit (FY 23-24)	N	\$ 10,000
2	Insurance (D&O, General Liability)	N	\$ 17,000
3	California Association of Mutual Water Co. Membership	N	\$ 200
4	2024 Updated Parcel Data	N	\$ 4,000
5	Contingency	N	\$ 20,000
		Subtotal	\$ 51,200
<b>D WOODARD &amp; CURRAN &amp; TECHNICAL</b>			
1	Grant Proposals	N	\$ 44,100
2	Stakeholder/Board Engagement		
3	SAC meetings	Y	\$ 28,350
4	Board meetings	Y	\$ 42,000
5	Board Ad-hoc calls	Y	\$ 16,800
6	Tech Forum calls (new item)	Y	\$ 10,500
7	Public Workshops	Y	\$ 16,800
8	Outreach		
9	General, Newsletter Development, etc.	Y	\$ 15,750
10	Website Updates - Maintenance / Hosting	Y	\$ 7,000
11	Well Permit Review	N	\$ 12,600
12	Support for DWR Technical Services (TSS) and Enforce Well Pumpers	N	\$ 21,000
13	GSP Implementation Support		
14	GSP Implementation Program Management	Y	\$ 57,750
15	GW Levels and GWQ Monitoring Network Coordination and Data Mgmt - W&C	Y	\$ 21,000
16	DMS Ongoing Maintenance and Enhancements	Y	\$ 26,250
17	Support for Adaptive Management of Groundwater Levels	Y	\$ 52,500
18	Prepare Annual Report for Cuyama Basin	Y	\$ 47,250
19	Meter Implementation - Ongoing Support	Y	\$ 10,500
20	Grant Admin (SGM Round 1)	Y	\$ 105,000
21	Perform Monitoring and Monitoring Network Enhancements		
22	Install Transducers	N	\$ 67,000
23	Improve Understanding of Basin Water Use		

CATEGORY		3-Yr Grant Funded	2024-25 Budget
24	Perform Updated Land Use Survey (Update Annual Land Use)	Y	\$ 21,000
25	Enhance Existing CIMIS Station & Implement New Stations (Including O&M)	Y	\$ 54,600
26	Project & Management Action Implementation		
27	Pumping Allocation Implementation	Y	\$ 52,500
28	Analysis of Management Action Implementation Options	Y	\$ 50,400
29	Precipitation Enhancement Feasibility Study	Y	\$ 31,500
30	GSP Implementation, Outreach, and CBGSA Management		
31	Develop GSP Periodic Evaluation	N	\$ 42,000
32	5-year GSP Update (e.g. ISW guidance)	Y	\$ 309,803
		Subtotal	\$ 1,163,953
<b>E OTHER TECHNICAL</b>			
1	Quarterly GW Levels and Piezometer Monitoring (Contractor TBD)	Y	\$ 43,000
2	Annual WQ Monitoring (Contractor TBD)	Y	\$ 25,000
3	Annual Stream Gauge Maintenance (USGS)	Y	\$ 56,650
		Subtotal	\$ 124,650
Grant Funded			\$ 1,637,009
CBGSA Funded (Non Grant-Eligible Costs)			\$ 270,194
<b>TOTAL</b>			\$ 1,907,203



**PROJECTED FISCAL YEAR 2024-2025 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)
	-								175,000		
July-24	1,178,636	23,759	20,833	81,438	10,388	22,516	158,934	1,333,750		-	(155,114)
August-24	(155,114)	23,759	20,833	81,438	10,388	22,516	158,934		1,246,826	1,246,826	1,091,712
September-24	1,091,712	23,759	20,833	81,438	10,388	22,516	158,934	818,334		-	273,379
October-24	273,379	23,759	20,833	81,438	10,388	22,516	158,934			-	273,379
November-24	273,379	23,759	20,833	81,438	10,388	22,516	158,934	317,867	1,793,835	1,793,835	1,749,347
December-24	1,749,347	23,759	20,833	81,438	10,388	22,516	158,934			-	1,749,347
January-25	1,749,347	23,759	20,833	81,438	10,388	22,516	158,934	317,867		-	1,431,480
February-25	1,431,480	23,759	20,833	81,438	10,388	22,516	158,934		416,007	416,007	1,847,487
March-25	1,847,487	23,759	20,833	81,438	10,388	22,516	158,934	317,867		-	1,529,620
April-25	1,529,620	23,759	20,833	81,438	10,388	22,516	158,934			-	1,529,620
May-25	1,529,620	23,759	20,833	81,438	10,388	22,516	158,934	317,867	416,007	416,007	1,627,760
June-25	1,627,760	23,759	20,833	81,438	10,388	22,516	158,934			-	1,627,760
<b>Total</b>		<b>285,106</b>	<b>250,000</b>	<b>977,253</b>	<b>124,650</b>	<b>270,194</b>	<b>1,907,203</b>	<b>3,423,552</b>	<b>3,872,675</b>	<b>3,872,675</b>	

**PROJECTED FISCAL YEAR 2025-2026**

July-25	1,627,760						100,000	317,867	368,327	595,000	963,327	2,273,219
August-25	2,273,219						100,000				-	2,273,219
September-25	2,273,219						100,000	258,934			-	2,014,286
October-25	2,014,286						100,000		122,776		122,776	2,137,062
November-25	2,137,062						100,000	200,000			-	1,937,062
December-25	1,937,062						100,000				-	1,937,062
January-26	1,937,062						100,000	200,000			-	1,737,062
February-26	1,737,062						100,000				-	1,737,062
March-26	1,737,062						100,000	200,000			-	1,537,062
April-26	1,537,062						100,000				-	1,537,062
May-26	1,537,062						100,000	200,000			-	1,337,062
June-26	1,337,062						100,000				-	1,337,062
							<u>1,200,000</u>					

**PROJECTED FISCAL YEAR 2026-2027**

July-26	1,337,062	100,000	200,000	595,000	595,000	1,732,062
August-26	1,732,062	100,000			-	1,732,062
September-26	1,732,062	100,000	200,000		-	1,532,062
October-26	1,532,062	100,000			-	1,532,062
November-26	1,532,062	100,000	200,000		-	1,332,062
December-26	1,332,062	100,000			-	1,332,062
January-27	1,332,062	100,000	200,000		-	1,132,062
February-27	1,132,062	100,000			-	1,132,062
March-27	1,132,062	100,000	200,000		-	932,062
April-27	932,062	100,000			-	932,062
May-27	932,062	100,000	200,000		-	732,062
June-27	732,062	100,000			-	732,062
		<u>1,200,000</u>				

**PROJECTED FISCAL YEAR 2027-2028**

July-26	732,062	100,000	200,000	595,000	595,000	1,127,062
August-26	1,127,062	100,000			-	1,127,062
September-26	1,127,062	100,000	200,000		-	927,062
October-26	927,062	100,000			-	927,062
November-26	927,062	100,000	200,000		-	727,062
December-26	727,062	100,000			-	727,062
January-27	727,062	100,000	200,000		-	527,062
February-27	527,062	100,000			-	527,062
March-27	527,062	100,000	200,000		-	327,062
April-27	327,062	100,000			-	327,062
May-27	327,062	100,000	200,000		-	127,062
June-27	127,062	100,000			-	127,062
		<u>1,200,000</u>				





TO: Board of Directors  
 Agenda Item No. 11b

FROM: Taylor Blakslee

DATE: May 1, 2024

SUBJECT: Discuss and Take Appropriate Action on Strategy for Setting Future Groundwater Extraction Fees

**Recommended Motion**

Board direction needed regarding the policy to set future groundwater extraction fees.

**Discussion**

On April 4, 2024, Cuyama Basin Groundwater Sustainability Agency (CBGSA) staff reviewed the draft Fiscal Year 2024-2025 budget and cash flow with the FY 24-25 Budget ad hoc (Directors Burnes, Das Williams, Deborah Williams, and Wooster). During the discussion to set a recommended FY 24-25 fee of \$5 per acre-feet, the ad hoc reviewed several fee options for fiscal years 2024-2025 through 2027-2028.

The Ad hoc recommended that the strategy for setting future fees be discussed with the entire Board to provide policy direction for setting future fees.

In past fee setting discussions, the CBGSA Board directed staff to target ending fiscal year cash flow balance at approximately \$200,000.

**Potential fee setting strategies/options include:**

1. Increase fee on an linear basis.
2. Keep the fee as low as possible managing to a fiscal year end cash balance.
3. Maintain fee consistency.

**Examples of options analyzed during Fiscal Year 2024-2025 cash flow development:**

Fiscal Year	Option 1		Option 2		Option 3	
	Fee	EOY Cash	Fee	EOY Cash	Fee	EOY Cash
FY 24-25	\$ 5.00	\$1.6M	\$ 5.00	\$1.6M	\$ 5.00	\$1.6M
FY 25-26	\$ 10.00	\$1.1M	\$ 5.00	\$917k	\$ 18.00	\$1.4M
FY 26-27	\$ 15.00	\$417k	\$ 15.00	\$242k	\$ 18.00	\$802k
FY 27-28	\$ 30.00	\$267k	\$ 35.00	\$267k	\$ 18.00	\$232k

**Staff is seeking Board direction on the policy for setting future fees.**



TO: Board of Directors  
Agenda Item No. 11c

FROM: Taylor Blakslee, Hallmark Group

DATE: May 1, 2024

SUBJECT: Discuss and Take Appropriate Action on Consultant Task Orders for Fiscal Year 2024-2025

**Recommended Motion**

Approve Fiscal Year 2024-2025 task orders for the Hallmark Group and Woodard & Curran.

**Discussion**

Hallmark Group and Woodard & Curran task orders for July 1, 2024 through June 30, 2025 are provided as Attachments 1 and 2, respectively. The task orders match the amounts in the Fiscal Year 2024-2025 budget and are provided for consideration of Board approval.



# TASK ORDER CB-HG-010

## TASK ORDER NO. CB-HG-010

CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY EXECUTIVE DIRECTOR

Task Order No.:	CB-HG-010
Contractor:	The Hallmark Group
Request for Services:	Executive Director
Agreement Number:	201709-CB-001
Amount:	\$317,400.00
Contract Period:	July 1, 2024 – June 30, 2025

## DESCRIPTION OF TASK

The Hallmark Group serves as the Cuyama Basin Groundwater Sustainability Agency (CBGSA) Executive Director. For the July 2024 through June 2025 period, the below tasks match the line items and dollar amounts from the adopted FY 2024-2025 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

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#### 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 2025-2026 budget and cash flow
- 3.5 Submit State government compensation form and LGRS financial reports

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#### 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

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#### TASK 5 – ANNUAL GROUNDWATER EXTRACTION FEE

- 5.1 Determine 2024 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

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

- 6.1 Assist in development of the 2025 revised GSP amendment

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#### TASK 7 – CENTRAL MANGEMENT AREA SUPPORT

- 7.1 Administer pumping reductions

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#### 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 2025-2026 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, 2024 through June 30, 2025.

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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.

CONTACT PERSONS

<b>CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY</b>	<b>HALLMARK GROUP</b>
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

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.



\_\_\_\_\_  
Cory Bantilan  
Board Chairman

\_\_\_\_\_  
Charles R. Gardner Jr.  
President

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date



# TASK ORDER CB-HG-010

## ESTIMATED COST FOR 12 MONTHS (DOLLARS)

Classification		Total Cost
Fiscal Year 2022-23 Budgeted Costs		
Task 1	CBGSA Board of Directors Meetings	\$ 110,990
Task 2	Consultant Management and GSP Implementation	\$ 73,578
Task 3	Financial Information Coordination	\$ 47,587
Task 4	Cuyama Basin GSA Outreach	\$ 11,847
Task 5	Annual Groundwater Extraction Fee	\$ 5,830
Task 6	Prepare 5-Year GSP Update	\$ 20,131
Task 7	Central Management Area Support	\$ 13,005
Task 8	Adjudication Discussions	\$ 2,138
Task 9	Enforcement for Un-reported Water User	\$ 25,400
Task 10	Well Permit Review	\$ 2,000
Task 11	Other Direct Charges (Mileage, conference lines, copies)	\$ 4,894
Total Estimated Cost		\$ 317,400

**TASK ORDER NUMBER 12**

**Issued Pursuant to the Consulting Services Agreement Between Woodard & Curran, Inc. and Cuyama Basin Groundwater Sustainability Agency, dated as of May 1, 2024.**

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. 12 – Scope of Services.

**Schedule:**

Consultant shall perform the services under this Task Order No. 12 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. 12 shall not exceed \$1,111,720, as detailed in the attached budget.

Designated Project Representative

**Client:** Jim Beck

**Consultant:** Brian Van Lienden

**Effective date:** May 1, 2024

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 12 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 2025
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 2025
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> </ul>	Jun 2025
4	Project and Management Action Implementation <ul style="list-style-type: none"> <li>• Summary report documenting framework for pumping allocations</li> <li>• A summary report documenting the results of the precipitation enhancement feasibility study</li> </ul>	Jun 2025
5	GSP Implementation, Outreach, and Compliance Activities <ul style="list-style-type: none"> <li>• Annual Report for the Cuyama Basin</li> </ul>	Apr 2025
6	Prepare 5-Year GSP Update <ul style="list-style-type: none"> <li>• Draft GSP sections</li> <li>• Final GSP Amendment and Period Evaluation documents for submittal to DWR</li> </ul>	Jan 2025
7	Improve Understanding of Basin Water Use <ul style="list-style-type: none"> <li>• Monthly land use data in GIS format</li> <li>• A summary report documenting completion of weather stations</li> </ul>	Jun 2025
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 2025
9	As-Needed Technical Tasks <ul style="list-style-type: none"> <li>• Completed application forms and other documents required by DWR</li> </ul>	Jun 2025

**Table 2. Anticipated Task Order 12 Meetings**

Month	Type	Participants	Meeting Topics
July 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>
July 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>CBGSA Updates</li> </ul>
Sep 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>
Sep 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>CBGSA Updates</li> </ul>
Oct 2024	In-Person	<ul style="list-style-type: none"> <li>Public Workshop</li> </ul>	<ul style="list-style-type: none"> <li>GSP 5-Year Update</li> </ul>
Nov 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>
Nov 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>CBGSA Updates</li> </ul>
Jan 2025	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 2025	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>
Mar 2025	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 Annual Report</li> </ul>
Mar 2025	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>CBGSA Updates</li> <li>GSP Annual Report</li> </ul>
May 2025	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> </ul>



May 2025	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>• CBGSA Updates</li></ul>
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## TASK ORDER NO. 12 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 amendment and periodic evaluation
7. Improve understanding of basin water use
8. Preparation of grant applications
9. 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, 2024 through June 30, 2025. 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 one public workshop; 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 1 Deliverables

- Presentation materials and other handouts developed for Board and stakeholder meetings



## TASK ORDER NO. 12 SCOPE OF SERVICES

- 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. 12 SCOPE OF SERVICES

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

The consultant will perform installation of up to fourteen (14) transducers in piezometers and multi-completion monitoring wells installed during the previous fiscal year. It is assumed that the CBGSA will fund the purchase of the transducers and other required equipment.

### *Task 3 Deliverables*

- Monthly groundwater conditions and annual groundwater quality reports
- Enhanced DMS updated with recent monitoring data

## Task 4: Project and Management Action Implementation

The task includes the following subtasks.

### *Subtask 4.1 – 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 revised 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 4.2 – Analysis of Management Action Implementation Options*

The Consultant will use the CBWRM model to analyze water management action projects included in the GSP. Up to three (3) additional scenarios will be developed that explore the potential benefits of proposed projects and management actions. The assumptions and results of the water management action implementation options analysis will be included in the projects and management actions chapter of the revised GSP.

### *Subtask 4.3 – 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 4.4 – Precipitation Enhancement Feasibility Study*

The consultant will perform a technical analysis to assess whether a potential cloud seeding program would be likely to increase precipitation and potentially increase ground water resources in the Cuyama Valley. The results of the analysis will be reported in a summary report.

### *Task 4 Deliverables*

- Data and reports developed to support pumping allocation implementation
- A summary report documenting the results of the precipitation enhancement feasibility study



## TASK ORDER NO. 12 SCOPE OF SERVICES

### 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 – Ongoing 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 5 Deliverables*

- Annual Report for the Cuyama Basin

### Task 6: Prepare 5-Year GSP Amendment and Periodic Evaluation

This task includes several subtasks to complete the preparation of the 5-year GSP amendment and periodic evaluation documents. This task includes the following subtasks.

## TASK ORDER NO. 12 SCOPE OF SERVICES

### *Subtask 6.1 – 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.

### *Subtask 6.2 – 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 6.3 – Update GSP Section on Notice and Communication*

This subtask will update the Notice and Communication section of GSP Chapter 1. The updated section will describe the beneficial uses and users of groundwater, public meetings where the GSP was discussed, comments received regarding the GSP, the GSP decision-making process, opportunities for public engagement, how the GSA encourages active involvement, and methods for informing the public.

### *Subtask 6.4 – Update GSP Sections on Interconnected Surface Water*

This subtask will update the Interconnected Surface Water sections of previously submitted GSP chapters for the basin setting, undesirable results, monitoring networks and sustainable management criteria. The updated sections will incorporate guidance provided by DWR in Interconnected Surface Water guidance documents that are expected in the summer of 2024.

### *Subtask 6.5 – 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.

### *Subtask 6.6 – Prepare Draft and Final GSPs*

A complete draft version of the GSP will be prepared that includes amended versions of each GSP sections. Comments from the public, Board and advisory committee on the Draft GSP will be reviewed and incorporated into a final GSP, which will be submitted to Board for approval. The approved version of the amended GSP will be submitted to DWR.

### *Subtask 6.7 - Prepare Periodic Evaluation Document*

A Five-year Period Evaluation document will be prepared for the Cuyama Basin that complies with DWR regulations. Consistent with the guidance provided by DWR , this Periodic Evaluation Report will include an Executive Summary and sections on new information collected, groundwater conditions relative to sustainable



## TASK ORDER NO. 12 SCOPE OF SERVICES

management criteria, status of projects and management actions, basin setting, monitoring networks, outreach and engagement, and a summary of proposed or compiled revisions to plan elements.

### *Task 6 Deliverables*

- Draft GSP Sections
- Final GSP Amendment and Period Evaluation documents for submittal to DWR

### **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 2024 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.

### *Task 7 Deliverables*

- A summary report documenting completion of weather stations
- Monthly land use data in GIS 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.

#### *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.

## TASK ORDER NO. 12 SCOPE OF SERVICES

- 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: 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 9.1 – 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:

- 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 9.2 – 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.

### *Task 9 Deliverables*

- Completed application forms and other documents required by DWR



Cuyama Groundwater Sustainability Agency

Fee Estimate

Woodard & Curran Task Order 12 - Fiscal Year 2024-2025 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
1	Stakeholder/Board and Outreach Engagement Support	\$365	\$355	\$225	\$265	\$200	\$210	\$160	\$160	\$140	\$140				
1.1	SAC/Board meeting preparation (assume 6)	6	42	12	36							96	\$29,340	\$0	\$29,340
1.2	SAC meeting participation (assume 6)		30									30	\$10,650	\$0	\$10,650
1.3	Board meeting participation (assume 6)	6	72									78	\$27,750	\$2,640	\$30,390
1.4	Board Ad-hoc calls (assume 12)		24		30							54	\$16,470	\$0	\$16,470
1.5	Technical Forum calls (assume 6)	3	12		15							30	\$9,330	\$0	\$9,330
1.6	Public Workshops (assume 1)	2	25	12	16							55	\$16,545	\$1,760	\$18,305
1.7	General, Newsletter development, etc.		18	36	4							58	\$15,550	\$0	\$15,550
1.8	Website Updates - Maintenance / Hosting								42			42	\$6,720	\$440	\$7,160
	Subtotal Task 1:	17	223	60	101	0	0	0	42	0	0	443	\$132,355	\$4,840	\$137,195
2	Grant Administration														
2.1	Grant Administration	4	111		238						8	361	\$105,055	\$0	\$105,055
	Subtotal Task 2:	4	111	0	238	0	0	0	0	0	8	361	\$105,055	\$0	\$105,055
3	Ongoing Monitoring Support and Enhancements														
3.1	GW and quality levels monitoring coordination and data management		23		36	16						75	\$20,905	\$0	\$20,905
	Data Management System ongoing maintenance and tech support		2			22						24	\$5,110	\$0	\$5,110
	Data Management System enhancements		14		8	70						92	\$21,090	\$0	\$21,090
3.2	Support Installation of Transducers in Dedicated Monitoring Wells		14					54				68	\$13,610	\$1,100	\$14,710
	Subtotal Task 3:	0	53	0	44	108	0	54	0	0	0	259	\$60,715	\$1,100	\$61,815
4	Project & Management Action Implementation														
4.1	Develop and implement framework for pumping allocations		60	4	114							178	\$52,410	\$0	\$52,410
4.2	Analysis of management action implementation options	2	32		144							178	\$50,250	\$0	\$50,250
4.3	Support for Adaptive Management of GW Levels	1	64		112							177	\$52,765	\$0	\$52,765
4.4	Precipitation enhancement feasibility study	2	16		12							30	\$9,590	\$22,000	\$31,590
	Subtotal Task 4:	5	172	4	382	0	0	0	0	0	0	563	\$165,015	\$22,000	\$187,015
5	GSP Implementation, Outreach, and Compliance Activities														
5.1	GSP Implementation program management	6	80		96					12		194	\$57,710	\$0	\$57,710
5.2	Prepare Annual Report for Cuyama Basin	4	48		104					8		164	\$47,180	\$0	\$47,180
5.3	Ongoing support for meter installation requirement		6		32							38	\$10,610	\$0	\$10,610
	Subtotal Task 5:	10	134	0	232	0	0	0	0	0	20	396	\$115,500	\$0	\$115,500
6	Prepare 5-Year GSP Amendment and Periodic Evaluation														
6.1	Update Projects and Management Actions and GSP Section	4	96		96		48					244	\$71,060	\$0	\$71,060
6.2	Update GSP Implementation Plan and GSP Section	2	64		64		32					162	\$47,130	\$0	\$47,130
6.3	Update GSP Section on Notice and Communication		24	8	16		4					52	\$15,400	\$0	\$15,400
6.4	Update GSP Sections on Interconnected Surface Water	2	48		55		80					185	\$49,145	\$0	\$49,145
6.5	Respond to Comments on Updated Drafts of GSP Sections	2	40		40		65					147	\$39,180	\$0	\$39,180
6.6	Prepare Draft and Final GSP for DWR Submittal	16	96	8	96		96			4		316	\$87,880	\$0	\$87,880
6.7	Prepare Periodic Evaluation Document	4	41		96					4		145	\$42,015	\$0	\$42,015
	Subtotal Task 6:	30	409	16	463	0	325	0	0	0	8	1251	\$351,810	\$0	\$351,810
7	Improve Understanding of Basin Water Use														
7.1	Improve existing CIMIS station and install new weather stations		15		37							52	\$15,130	\$39,600	\$54,730
7.2	Develop updated land use data											0	\$0	\$20,900	\$20,900
	Subtotal Task 7:	0	15	0	37	0	0	0	0	0	0	52	\$15,130	\$60,500	\$75,630
8	Preparation of Grant Proposal														
8.1	Coordination		14		5						4	23	\$6,855	\$0	\$6,855
8.2	Grant Application Development and Submittal (assume 1)		60		60							120	\$37,200	\$0	\$37,200
	Subtotal Task 8:	0	74	0	65	0	0	0	0	0	4	143	\$44,055	\$0	\$44,055
9	As-Needed Technical Tasks														
9.1	DWR Technical Support Services Support		29		40							69	\$20,895	\$0	\$20,895
9.2	Well Permit Review		18		24							42	\$12,750	\$0	\$12,750
	Subtotal Task 10:	0	47	0	64	0	0	0	0	0	0	111	\$33,645	\$0	\$33,645
	TOTAL	66	1238	80	1626	108	325	54	42	0	40	3579	\$1,023,280	\$88,440	\$1,111,720

# Rate Schedule

## Water Standard 2024

STAFF TYPE	HOURLY RATE
Project Assistant	\$140
Drafter	\$160
Designer / Engineer 1 / Planner 1 / Technical Specialist 1	\$210
Engineer 2 / Planner 2 / Technical Specialist 2	\$240
Engineer 3 / Planner 3 / Senior Designer / Technical Specialist 3	\$265
Project Engineer 1 / Project Planner 1 / Project Technical Specialist 1	\$280
Project Engineer 2 / Project Planner 2 / Project Technical Specialist 2	\$295
Project Manager 1 / Technical Manager 1	\$315
Project Manager 2 / Technical Manager 2	\$330
SCADA Service Manager / Senior Project Manager / Senior Technical Manager	\$355
Senior Technical Leader	\$365
National Practice Leader	\$370

EXPENSES	
Travel	\$0.67 / 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. 11d

FROM: Brian Van Lienden, Woodard & Curran

DATE: May 1, 2024

SUBJECT: Discuss and Take Appropriate Action on Data Management System Update Options

**Recommended Motion**

Board of directors' feedback requested.

**Discussion**

A presentation on Data Management System (DMS) option enhancements is provided as Attachment 1.

Cuyama Basin Groundwater Sustainability Agency

11d. Discuss and Take Appropriate Action on  
Data Management System Update Options

Brian Van Lienden

May 1, 2024





# Potential DMS Updates

- Available grant budget: ~\$40,000
- Staff recommended updates:
  - Implement automated connections to external databases (GAMA, CASGEM)
  - Update DMS input tools
  - Implement SMC displays for TDS
  - Improve well mapping, sorting and querying
- Other update options:
  - Pumping portal to track allocations
  - Update DMS landing page
  - Well registration module





# Tech Forum Feedback: 2-9-24

Comment by	Jeff Shaw, EKI (Cuyama Basin Water District)	Matt Young (Santa Barbara County Water Agency)
<b>Comment</b>	<ol style="list-style-type: none"> <li>1. Consider developing unique DMS login for tech forum members to download data</li> <li>2. Improve searchability of data (e.g. farming unit/operator/parcel owner)</li> <li>3. Pumping data tracking could be useful; however, concerns with data privacy</li> </ol>	<ol style="list-style-type: none"> <li>1. Generally supportive of including allocation tracking</li> </ol>
<b>Staff Notes</b>	NA	NA



TO: Board of Directors  
Agenda Item No. 12a

FROM: Jim Beck / Brian Van Lienden

DATE: May 1, 2024

SUBJECT: Update on GSP Components Schedule

**Recommended Motion**

None – information only.

**Discussion**

On July 12, 2023, the Cuyama Basin Groundwater Sustainability Agency Board of Directors reviewed and approved a schedule for updating the Groundwater Sustainability Plan (GSP) ahead of the January 2025 deadline and that schedule is provided as Attachment 1 for reference.



# Cuyama Basin Groundwater Sustainability Agency

## 12a. Update on GSP Components Schedule

Jim Beck / Brian Van Lienden

May 1, 2024





# GSP Update and Board Policy Discussions Schedule

## Previous Schedule

	2023			2024				2025		
	July	Sep	Nov	Jan	Mar	May	Jul	Sep	Nov	Jan
<b>Board Direction:</b>	<b>Finalize:</b> Feedback on engagement strategy	Basin-wide pumping restrictions/Central Management Area (CMA) boundary  <b>Finalize:</b> Groundwater (GW) levels & storage monitoring networks  GW levels & storage sustainable management criteria (SMC) and undesirable results (UR) criteria options  Allocation methodology	<b>Finalize:</b> Subsidence, Interconnected surface water (ISW), and water quality (WQ) monitoring networks  GW subsidence ISW, and WQ SMC and UR options  Glidepath methodology	<b>Finalize:</b> GW levels, storage, subsidence, ISW, WQ SMC and UR	Project and Management Action (PMA) options  Sustainable yield (SY) methodology  Issue 90-Day Notice	<b>Finalize:</b> <ul style="list-style-type: none"> <li>Basin-wide Pumping Restrictions/MA Boundary (updated model)</li> <li>Allocation methodology</li> <li>Glidepath methodology</li> <li>PMA options</li> <li>SY approach</li> </ul>		Review Public draft	<b>**Public</b> Hearing to adopt Amended GSP	
<b>GSP Chapter Review:</b>				<b>Ch 1.</b> Agency Info/Plan Area <b>Ch 4.</b> Monitoring Network		<b>Ch 2.</b> Basin Setting <b>Ch 3.</b> URs <b>Ch 5.</b> SMCs	<b>Ch 6.</b> DMS <b>Ch 7.</b> PMAs	<b>Ch 8.</b> Plan Implementation <b>Executive Summary</b>		
<b>Public Workshop</b>		✓			✓			✓		





# GSP Update and Board Policy Discussions Schedule

## Updated/New Schedule

✳ Changes from original schedule

	2023			2024							2025
	1 July	2 Sep	3 Nov	4 Jan	5 Mar	6 May	7 Jul	8 Sep	9 Nov	10 Jan	
Board Direction:	<p><b>Finalize:</b> Feedback on engagement strategy</p>	<p>Basin-wide pumping restrictions/Central Management Area (CMA) boundary</p> <p><b>Finalize:</b> Groundwater (GW) levels &amp; storage monitoring networks</p> <p>GW levels &amp; storage sustainable management criteria (SMC) and undesirable results (UR) criteria options</p> <p>Allocation methodology</p>	<p><b>Finalize:</b> Subsidence, Interconnected surface water (ISW), and water quality (WQ) monitoring networks</p> <p>GW subsidence ISW, and WQ SMC and UR options</p> <p>Glidepath methodology</p>	<p><b>Finalize:</b> GW levels, storage, subsidence, ISW, WQ SMC and UR</p>	<p>Project and Management Action (PMA) options</p> <p>Sustainable yield (SY) methodology</p>	<p>✳ <i>Continued:</i> PMA options</p> <p>Basin-wide pumping restrictions</p> <p>Allocation program</p> <p>----- ✳ Issue 90-Day Notice</p>	<p>✳ <b>Finalize:</b> Basin-wide Pumping Restrictions/MA Boundary (updated model)</p> <p>Allocation methodology</p> <p>Glidepath methodology</p> <p>PMA options</p> <p>SY approach</p>	<p>Review Public draft</p>	<p><b>**Public</b> Hearing to adopt amended GSP</p>	<p>Submit revised GSP and periodic evaluation to DWR</p>	
GSP Chapter Review:				<p>Ch 1. Agency Info/Plan Area</p> <p>Ch 4. Monitoring Network</p>		<p>Ch 3. URs</p> <p>Ch 5. SMCs</p>	<p>✳ Ch 2. Basin Setting</p> <p>Ch 6. DMS</p>	<p>✳ Ch 7. PMAs</p> <p>Ch 8. Plan Implementation Executive Summary</p>			
Public Workshop		✓					✳ ✓	✓			



TO: Board of Directors  
Agenda Item No. 12c

FROM: Jim Beck / Brian Van Lienden

DATE: May 1, 2024

SUBJECT: Discuss and Take Appropriate Action on Project and Management Action Options

**Recommended Motion**

Board of Directors feedback requested.

**Discussion**

On March 6, 2024, Cuyama Basin Groundwater Sustainability Agency (CBGSA) staff presented draft projects and management action options to the Standing Advisory Committee (SAC) and Board. The Board directed staff to consider potentially including two new projects and additional staff analysis on those two projects is provided as Attachment 1.



Cuyama Basin Groundwater Sustainability Agency

12c. Discuss and Take Appropriate Action on Project and Management Action Options (*Continued Discussion*)

Jim Beck / Brian Van Lienden

May 1, 2024





# Projects and Management Action Options

- Projects and Management Actions Included in the GSP
  - Flood and Stormwater Capture
  - Water Supply Transfers/Exchanges
  - Precipitation Enhancement
  - Improve Reliability of Water Supplies for Local Communities
  - Basin-Wide Economic Analysis - **completed**
  - Pumping Allocations in Central Management Area
  - Adaptive Management
- **New Projects for Consideration**
  - **Flow Meter Recalibration Program**
  - **Rangeland and Forest Management**
- The Board will need to decide which projects to include in the 2025 GSP Update



# Flow Meter Recalibration Program

- The flow meter recalibration program would require all flow meters to be tested for accuracy once every three years to demonstrate accuracy within +/- 5%
  - Testing would be performed by a qualified flow meter testing company or other person approved by the GSA
  - Approved testing methods would also be approved by the GSA
  - Consider exceptions for low capacity/usage wells
- A similar program has been implemented by Fox Canyon GSA
- This program could be implemented as a policy by the GSA, without being identified as a specific project in the GSP

# Rangeland and Forest Management

- Description: Removal of native vegetation in forest or rangeland areas through controlled burning could reduce water consumption through decreased evapotranspiration
- Potential Benefit: Reduction in ET consumption from native vegetation
- Potential Implementation Issues: potential adverse effects on wildlife habitat; air quality concerns from smoke and dust; potential increase in flood flows due to reduced water interception
- Estimated Cost: \$500-600/acre-foot
- Project was considered for 2020 GSP but was not included
- Staff Recommendation: Do not include in GSP Update portfolio of projects due to uncertain benefits and potential wildlife and air quality impacts



# Forest/Rangeland Management Modeling Analysis<sup>247</sup> Performed in 2019

**DRAFT**

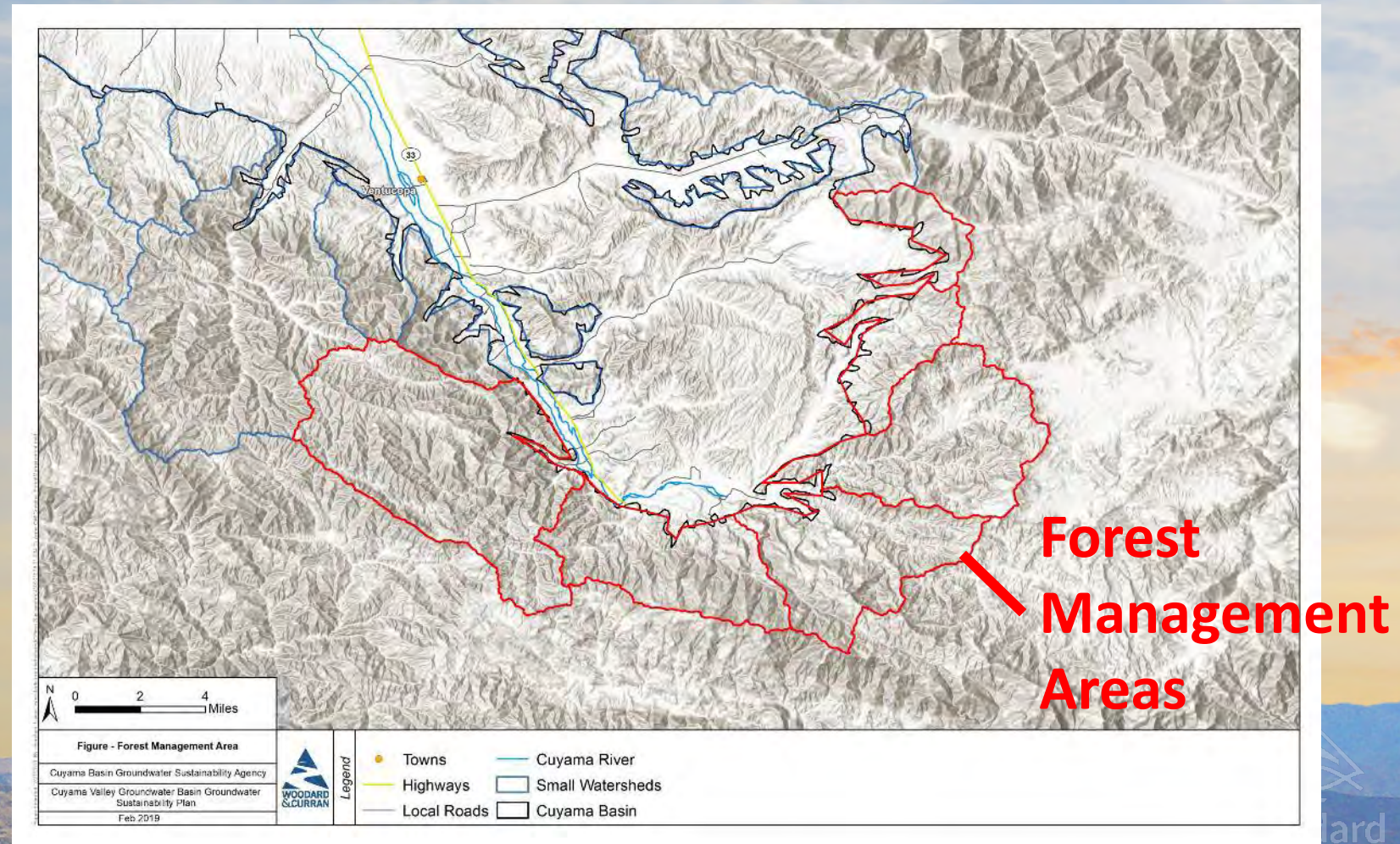
## Assumptions:

- 4% decrease in native vegetation ET at the eastern small watersheds.

Cost: \$500-600/AF

## Sources:

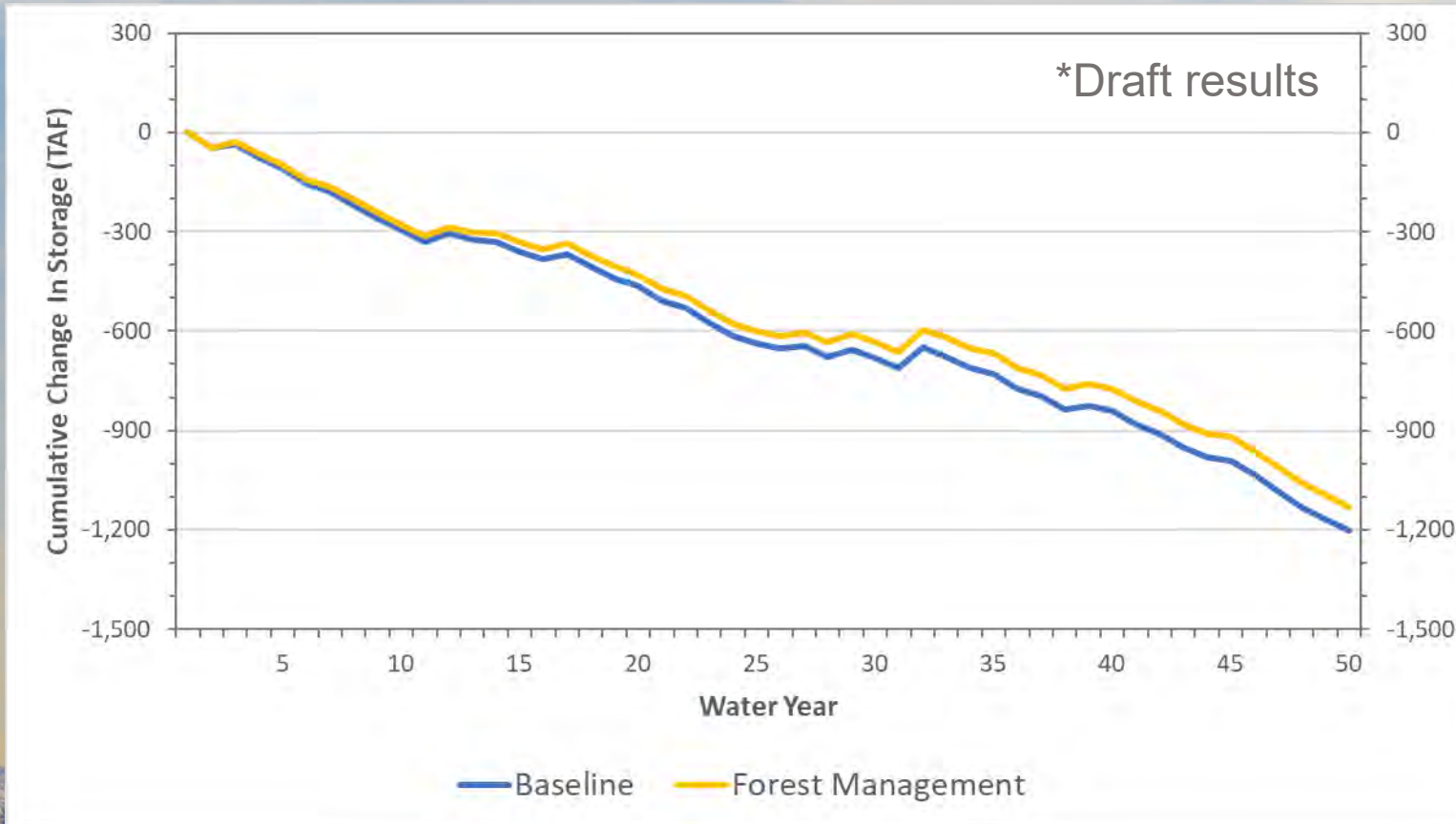
- USBR, *Truckee Basin Study*, Dec 2015
- Bales et al., *Forests and Water in the Sierra Nevada*, Nov 2011





# Forest/Rangeland Management Basin-Wide Cumulative Storage Change (2019 Analysis)

**DRAFT**



## Average Annual (50 years)

### Inflows:

- Boundary Flow +2,300 AF
- Stream Seepage -800 AF
- **Change in Sto. +1,500 AF**

**Change in Cuyama River Outflow +1,400 AF**

**Total Potential Benefit: 2,900 AF**



# Tech Forum Feedback: 2-9-24

<b>Comment by</b>	Jeff Shaw, EKI (Cuyama Basin Water District)	Matt Young (Santa Barbara County Water Agency)
<b>Comment</b>	<ol style="list-style-type: none"> <li>1. <u>Flow meter</u>: Recommend keeping as a project for grant funding opportunities</li> <li>2. <u>Rangeland</u>: Concerns with permitting feasibility</li> </ol>	<ol style="list-style-type: none"> <li>1. <u>Rangeland</u>: Concerns with permitting feasibility</li> </ol>
<b>Staff Notes</b>	NA	NA



TO: Board of Directors  
Agenda Item No. 12d

FROM: Jim Beck / Brian Van Lienden

DATE: May 1, 2024

SUBJECT: Discuss and Take Appropriate Action on Basin-Wide Water Management

**Recommended Motion**

Board of Directors feedback requested.

**Discussion**

A presentation on basin-wide water management options is provided as Attachment 1. Final direction on this topic is expected to occur in July 2024.



Cuyama Basin Groundwater Sustainability Agency

12d. Discuss and Take Appropriate Action on Basin-Wide Water Management

Jim Beck / Brian Van Lienden

May 1, 2024

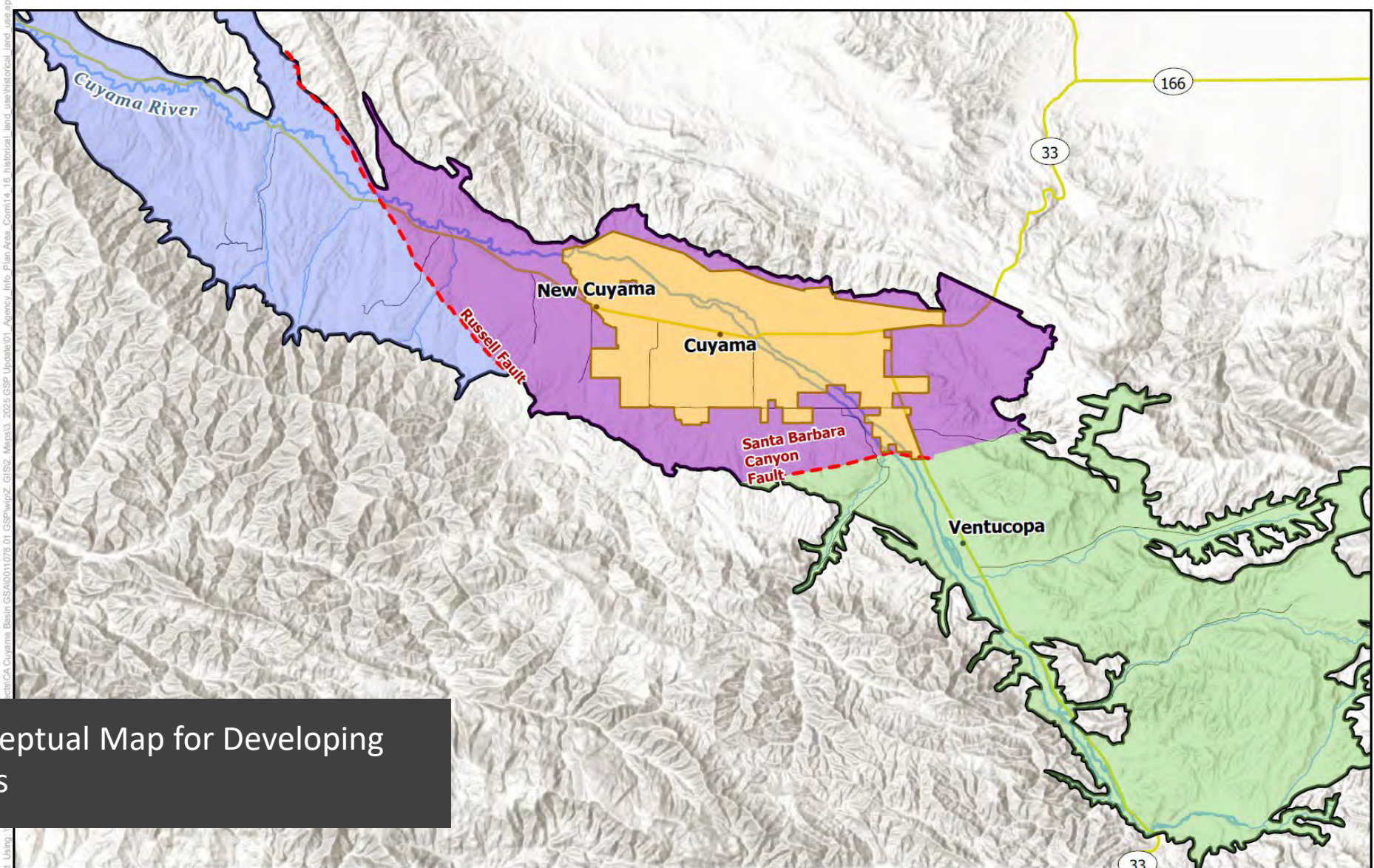




# March 2024 Board Motion and Discussion of Potential Options

- March 2024 Board motion:
  - Continue with cutback in the CMA while we create water budgets based on physical features and modeling data for the entire basin with the view to balance water in the entire basin and treat grazers different than irrigators
- Updated model would be used to develop water budgets for different regions
- The following maps represent GSA staff's recommendation of potential regions to develop water budgets for once the modeling is completed in late June 2024
- **Does the Board agree with establishing these four (4) areas as management areas?**



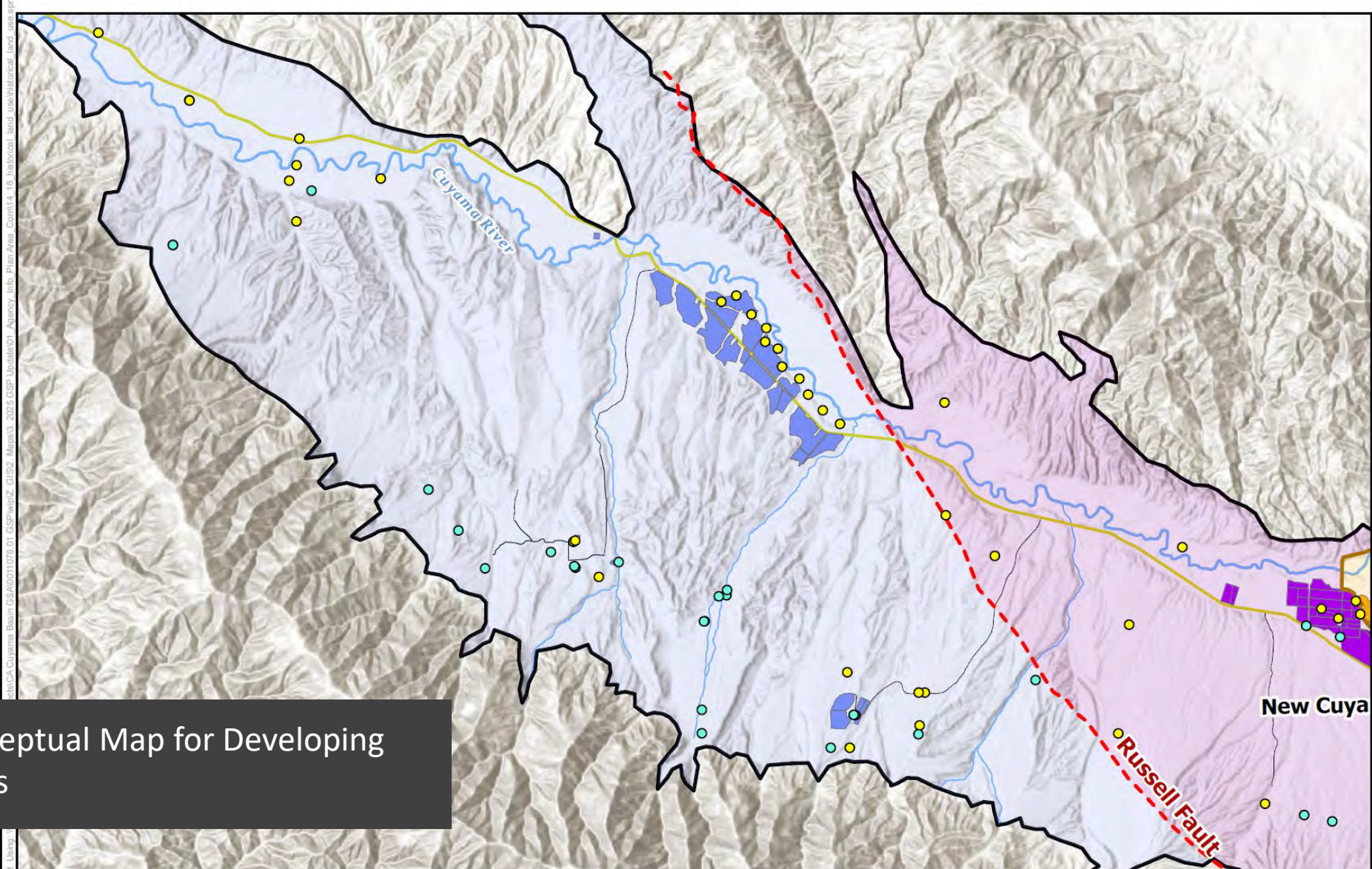


**DRAFT** – Conceptual Map for Developing Water Budgets

<b>Potential Management Areas for Consideration</b>  <b>Cuyama Valley Groundwater Basin</b>	<i>Legend</i>	<b>Region</b> <span style="display: inline-block; width: 15px; height: 15px; background-color: yellow; border: 1px solid black; margin-right: 5px;"></span> CMA and Farming Units Boundary <span style="display: inline-block; width: 15px; height: 15px; background-color: lightgreen; border: 1px solid black; margin-right: 5px;"></span> Southeast of Santa Barbara Canyon Fault <span style="display: inline-block; width: 15px; height: 15px; background-color: lightblue; border: 1px solid black; margin-right: 5px;"></span> West of Russell Fault <span style="display: inline-block; width: 15px; height: 15px; background-color: purple; border: 1px solid black; margin-right: 5px;"></span> Outside of Boundaries	<span style="color: red; font-weight: bold;">- - -</span> Fault <span style="color: yellow; font-weight: bold;">—</span> Highway <span style="border-bottom: 1px solid black; width: 20px; display: inline-block; margin-right: 5px;"></span> Local Road <span style="font-size: 10px;">•</span> Town	<span style="color: blue; font-weight: bold;">—</span> Creek <span style="color: blue; font-weight: bold;">—</span> Cuyama River <span style="border: 2px solid black; width: 15px; height: 10px; display: inline-block; margin-right: 5px;"></span> Cuyama Basin	  Map Created: April 2024	 
		<small>Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk. Data sources: CA DWR, Esri, USGS</small>				







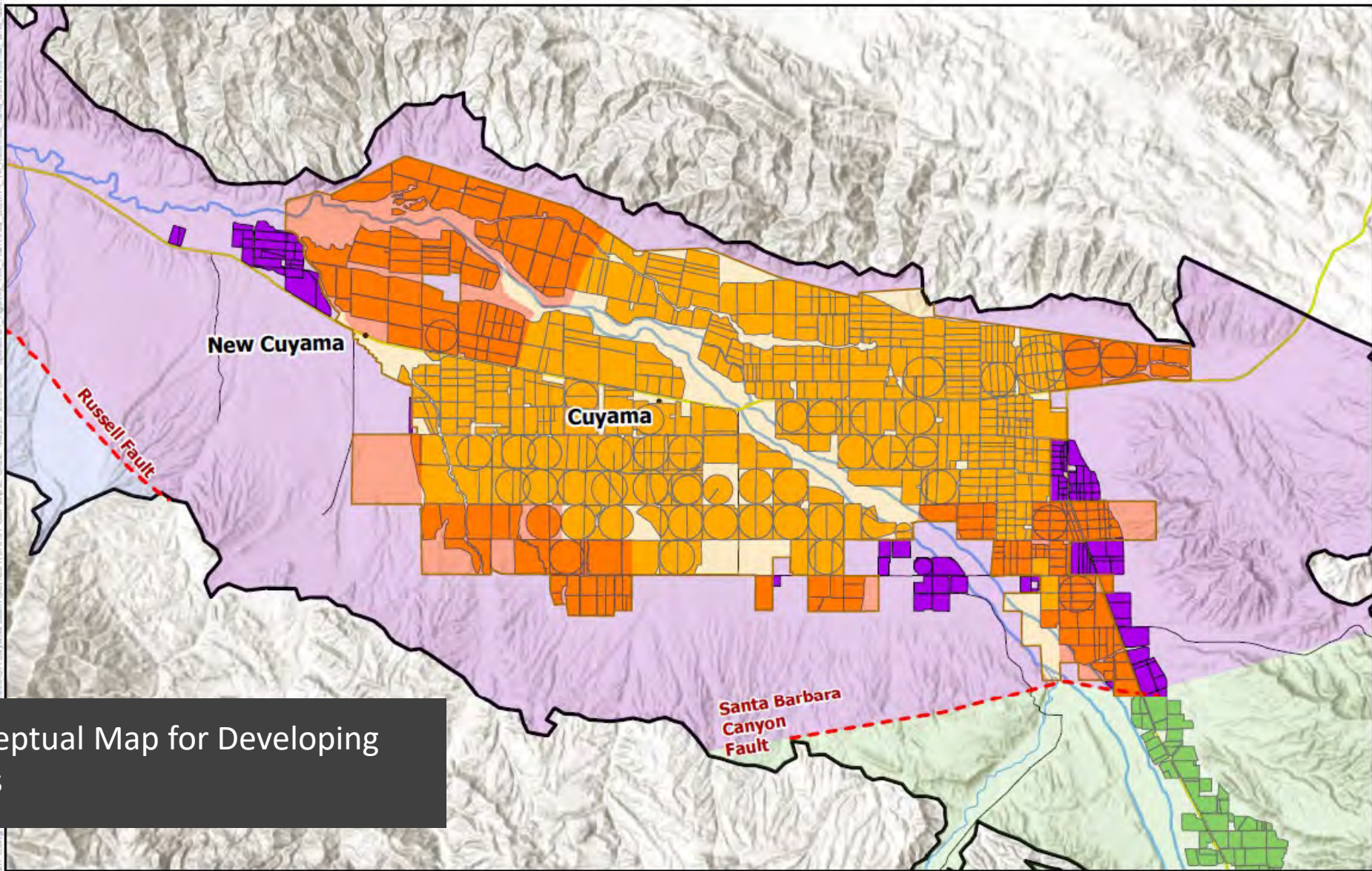
**DRAFT** – Conceptual Map for Developing Water Budgets

<p><b>Fields Projected to be Irrigated</b></p> <p><b>Cuyama Valley Groundwater Basin</b></p>	<p><b>Legend</b></p>	<p>Region</p> <ul style="list-style-type: none"> <li>CMA and Farming Units Boundary</li> <li>Southeast of Santa Barbara Canyon Fault</li> <li>West of Russell Fault</li> <li>Greater Central Basin</li> </ul>	<ul style="list-style-type: none"> <li>Agricultural Well</li> <li>Domestic Well</li> </ul>	<ul style="list-style-type: none"> <li>Fault</li> <li>Highway</li> <li>Local Road</li> <li>Town</li> </ul>	<ul style="list-style-type: none"> <li>Creek</li> <li>Cuyama River</li> <li>Cuyama Basin</li> </ul>	<p>Woodard &amp; Curran</p> <p>CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY</p> <p>0 0.5 1 2 Miles</p> <p>Map Created: April 2024</p>
		<p>Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk. <b>Data sources: CA DWR, Esri, USGS</b></p>				




Figure Excerpted: 4/9/2024, By: Dhruv, Unnao





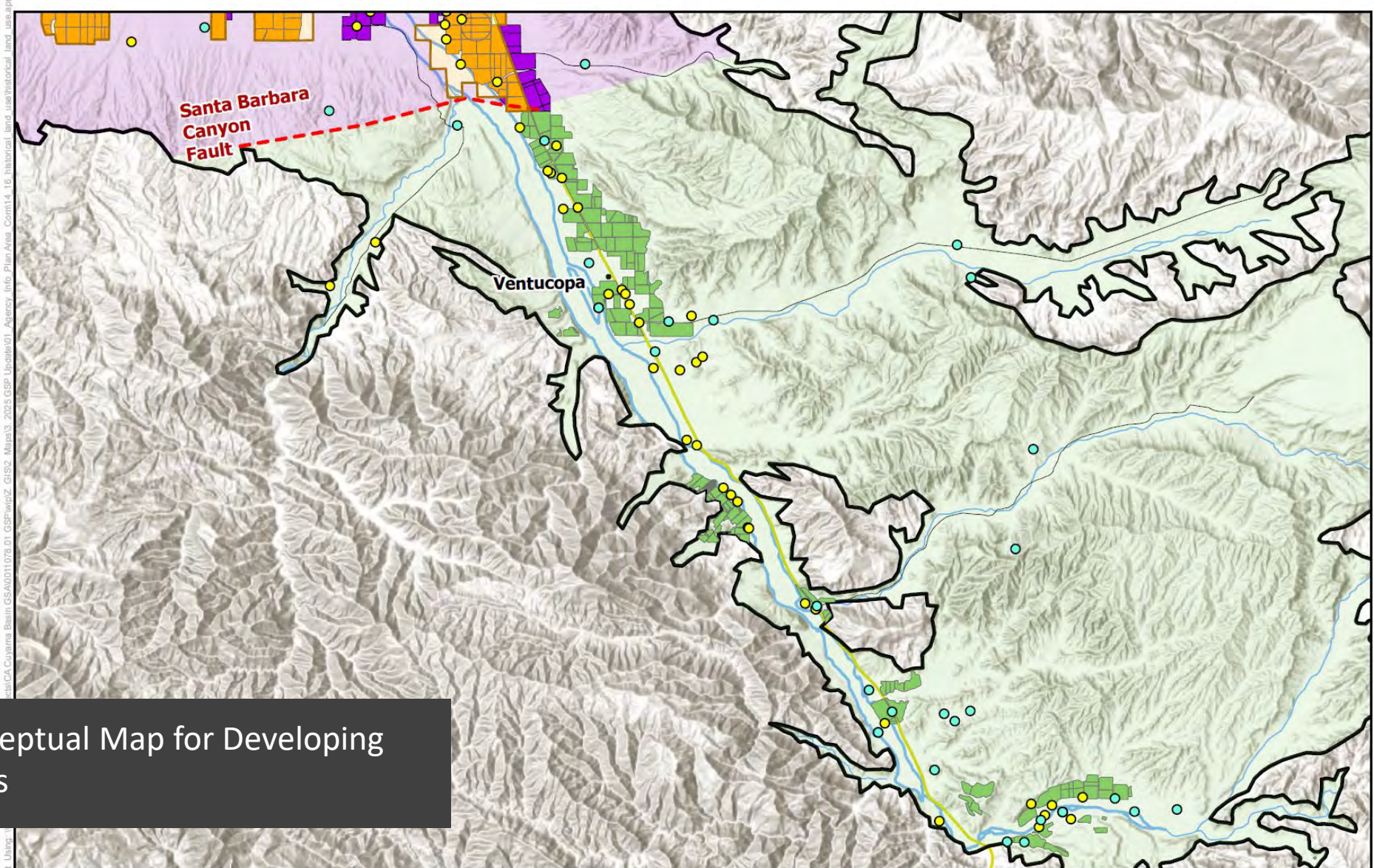


**DRAFT** – Conceptual Map for Developing Water Budgets

<p><b>Fields Projected to be Irrigated</b></p> <p><b>Cuyama Valley Groundwater Basin</b></p>	<p><b>Legend</b></p>	<p>Region</p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: orange; border: 1px solid black; margin-right: 5px;"></span> Central Management Area</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: green; border: 1px solid black; margin-right: 5px;"></span> Southeast of Santa Barbara Canyon Fault</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: purple; border: 1px solid black; margin-right: 5px;"></span> West of Russell Fault</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: yellow; border: 1px solid black; margin-right: 5px;"></span> Greater Central Basin</li> </ul>	<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: pink; border: 1px dashed red; margin-right: 5px;"></span> Farming Unit Parcels</li> <li><span style="display: inline-block; width: 15px; border-bottom: 2px dashed red; margin-right: 5px;"></span> Fault</li> <li><span style="display: inline-block; width: 15px; border-bottom: 2px solid yellow; margin-right: 5px;"></span> Highway</li> <li><span style="display: inline-block; width: 15px; border-bottom: 1px solid black; margin-right: 5px;"></span> Local Road</li> </ul>	<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; margin-right: 5px;"></span> Town</li> <li><span style="display: inline-block; width: 15px; border-bottom: 1px solid blue; margin-right: 5px;"></span> Creek</li> <li><span style="display: inline-block; width: 15px; border-bottom: 1px solid lightblue; margin-right: 5px;"></span> Cuyama River</li> <li><span style="display: inline-block; width: 15px; border: 2px solid black; margin-right: 5px;"></span> Cuyama Basin</li> </ul>	<div style="text-align: center;">  <p>N</p> </div> <div style="text-align: center;">  <p>WOODARD &amp; CURRAN</p> </div> <div style="text-align: center;">  <p>CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY</p> </div> <div style="text-align: center;">  <p>0 0.5 1 2 Miles</p> </div> <div style="text-align: center;"> <p>Map Created: April 2024</p> </div>
		<p style="font-size: small;">Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk. Data sources: CA DWR, Esri, USGS</p>			







**DRAFT** – Conceptual Map for Developing Water Budgets

<p><b>Fields Projected to be Irrigated</b></p> <p><b>Cuyama Valley Groundwater Basin</b></p>	<p><i>Legend</i></p>	<p>Region</p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: orange; border: 1px solid black; margin-right: 5px;"></span> CMA and Farming Units Boundary</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: green; border: 1px solid black; margin-right: 5px;"></span> Southeast of Santa Barbara Canyon Fault</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: blue; border: 1px solid black; margin-right: 5px;"></span> West of Russell Fault</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: purple; border: 1px solid black; margin-right: 5px;"></span> Greater Central Basin</li> </ul>	<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid yellow; border-radius: 50%; margin-right: 5px;"></span> Agricultural Well</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px solid cyan; border-radius: 50%; margin-right: 5px;"></span> Domestic Well</li> </ul>	<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; border-top: 2px dashed red; margin-right: 5px;"></span> Fault</li> <li><span style="display: inline-block; width: 15px; border-bottom: 2px solid yellow; margin-right: 5px;"></span> Highway</li> <li><span style="display: inline-block; width: 15px; border-bottom: 1px solid black; margin-right: 5px;"></span> Local Road</li> <li><span style="display: inline-block; width: 0; height: 0; border-left: 5px solid transparent; border-right: 5px solid transparent; border-bottom: 8px solid black; margin-right: 5px;"></span> Town</li> </ul>	<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; border-bottom: 1px solid lightblue; margin-right: 5px;"></span> Creek</li> <li><span style="display: inline-block; width: 15px; border-bottom: 1px solid blue; margin-right: 5px;"></span> Cuyama River</li> <li><span style="display: inline-block; width: 15px; border: 2px solid black; margin-right: 5px;"></span> Cuyama Basin</li> </ul>	<div style="text-align: center;"> <p>N</p> </div> <div style="text-align: center;"> <p>0 0.5 1 2 Miles</p> </div>	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <p>Woodard &amp; Curran</p> </div> <div style="text-align: center;"> <p>CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY</p> </div> </div> <p style="text-align: center; font-size: small;">Map Created: April 2024</p>
		<p style="font-size: x-small;">Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk. <b>Data sources: CA DWR, Esri, USGS</b></p>					





# Tech Forum Feedback: 2-9-24

## Question posed to Tech Forum:

- Does the Technical Forum agree with using the Russell and Santa Barbara Canyon (SBC) faults as the physical features to subdivide the basin?

Comment by	Neil Currie, Cleath-Harris (Grapevine Capital)	Matt Young (Santa Barbara County Water Agency)	Bob Abrams, Aquilogic (Best Best & Krieger)	Jeff Shaw, EKI (Cuyama Basin Water District)
Comment	Yes, but the mapped fault traces are a proxy/line on the map that represent more complex fault zones/fault barrier systems	Yes, in principle	Yes, but has questions on using the SBC fault based on recent geophysical survey results	Reasonable starting point; however, graveyard ridge fault and other faults may be significantly relevant
Staff Notes	NA	NA	NA	NA

# March 2024 Board Motion and Discussion of Potential Options

- **Board direction needed in July 2024** on water management policy issues to implement in 2025 and include in 2025 GSP amendment:
  - CMA + Farming Units
    - Hydrologic boundary to be updated by modeling
    - Decisions:
      - Use operational boundary?
      - Change criteria for CMA boundary?
      - Continue with Farming Units?
      - Use same methodology to determine pumping allocations with updated model data?
      - Include carryover?
  - For areas “in-balance”
    - Decisions:
      - No pumping restrictions? Monitor every year? Every 5 years?
      - Should GSA monitor new water usage, and implement pumping allocations if the water budget for the region is exceeded? How to handle annual variations in water use?
  - For areas “overdraft” but outside the CMA + Farming Units
    - Decisions:
      - Implement pumping allocations?
      - Use same methodology as CMA?



# Board Direction

- Does the Board agree with establishing these four (4) areas as management areas?
- Does the Board have any feedback on the related policy issues to be addressed in July?



TO: Board of Directors  
Agenda Item No. 12e

FROM: Jim Beck / Brain Van Lienden

DATE: May 1, 2024

SUBJECT: Discuss and Take Appropriate Action on GSP Draft Chapters

**Recommended Motion**

Approve groundwater sustainability plan chapters 3 and 5.

**Discussion**

A brief overview of draft Groundwater Sustainability Plan (GSP) chapters 3 and 5 is provided as Attachment 1, and draft final redline GSP chapters are provided as Attachment 2 for consideration of approval. The below draft chapters reflect Cuyama Basin Groundwater Sustainability Agency Standing Advisory Committee, tech forum, public stakeholder, and Board comments and direction from public meetings.

- i. Chapter 3. Undesirable Results
- ii. Chapter 5. Minimum Thresholds, Measurable Objectives, and Interim Milestones



Cuyama Basin Groundwater Sustainability Agency

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# 12e. Discuss and Take Appropriate Action on GSP Draft Chapters

Brian Van Lienden

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May 1, 2024





# Discuss and Take Appropriate Action on GSP Draft Chapters

- Updated versions of the following chapters have been provided for approval:
  - Chapter 3: Undesirable Results
  - Chapter 5: Minimum Thresholds, Measurable Objectives, and Interim Milestones
- Updates account for:
  - New information not available when 2020 GSP was developed
  - Updated policies approved by the CBGSA Board at Jan 2024 Board meetings
- Staff is requesting Board approval of these chapters at this Board meeting
- Comments can be provided by email or by mail to Taylor Blakslee
  - These will be considered when preparing the full Public Draft version of the GSP in September 2024





### 3. Undesirable Results

This chapter presents the Undesirable Results statements for the Cuyama Valley Groundwater Basin (Basin). These statements are based on quantitative thresholds on monitoring points described in Chapter 5, which are used here to indicate where Undesirable Results might occur in the monitoring network.

The first section of this chapter is the ~~draft~~ Undesirable Results section. The second section contains guidance from relevant portions of the Sustainable Groundwater Management Act (SGMA) regulations about Undesirable Results, and lists guidance about addressing Undesirable Results from the *Sustainable Management Criteria Best Management Practices* (BMPs) (DWR, 2017).

On June 6, 2018, a public workshop was held where sustainability and undesirable outcomes were discussed with the public. Input from stakeholders at the meeting was tabulated, and stakeholder input was tied to the most relevant GSP component. The sorted results were used to guide creation of the Undesirable Results statements, and are included in Appendix A.

For this 2025 updated GSP, a CBGSA Board meeting was held on January 10<sup>th</sup>, 2024 where the Board approved retaining the original Undesirable Results definitions included in the original 2020 GSP. This decision was made with review and input from both the Technical Forum and the Standing Advisory Committee.

#### 3.1 Sustainability Goal

Sustainability Goal: To maintain a sustainable groundwater resource for beneficial users of the Basin now and into the future consistent with the California Constitution.

#### 3.2 Undesirable Results Statements

Undesirable Results are defined in SGMA as one or more of the following effects caused by groundwater conditions occurring throughout the Basin:

- Chronic lowering of groundwater levels indicating a significant and unreasonable depletion of supply if continued over the planning and implementation horizon. Overdraft during a period of drought is not sufficient to establish a chronic lowering of groundwater levels if extractions and groundwater recharge are managed as necessary to ensure that reductions in groundwater levels or storage during a period of drought are offset by increases in groundwater levels or storage during other periods.
- Significant and unreasonable reduction of groundwater storage.
- Significant and unreasonable seawater intrusion.
- Significant and unreasonable degraded water quality, including the migration of contaminant plumes that impair water supplies.
- Significant and unreasonable land subsidence that substantially interferes with surface land uses.

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- Depletions of interconnected surface water that have significant and unreasonable adverse impacts on beneficial uses of the surface water.

Undesirable Results related to seawater intrusion are not present in the Basin, and are not likely to occur in the Basin.

The term “significant and unreasonable” is not defined by SGMA regulations. Instead, the conditions leading to this classification are determined by the GSA, beneficial users, and other interested parties in each basin. In the Basin, the identification of URs were developed through an extensive stakeholder-driven process that included:

- Careful consideration of input from local stakeholders and landowners;
- A conceptualization of the hydrogeological conceptual model;
- An assessment of current and historical conditions and best available data; and
- Local knowledge and professional opinion.

The CBGSA recognizes the lack of reliable historical data and acknowledges the limitations and uncertainties it causes (see Data Gaps and Plan to Fill Data Gap subsections of Section 4 – Monitoring Networks and Section 8 – Implementation Plan for addressing those limitations). However, the re-assessment of thresholds and UR statements has been a component of the redevelopment of this updated GSP and have taken recent data, information, stakeholder input, and modeling updates/calibration into consideration.

Information is provided below for each effect as it applies to the Basin. For the sustainability indicators relevant to the Basin, the discussion does the following:

- Describes the Undesirable Result
- Identifies Undesirable Results
- Identifies potential causes of Undesirable Results
- Identifies potential effects of Undesirable Results on beneficial uses

For any indicator not present, a justification for not establishing Undesirable Results is provided. This information was developed based on the California Water Code, SGMA regulations, BMPs, and stakeholder input.

### 3.2.1 Chronic Lowering of Groundwater Levels

#### Description of Undesirable Results

The Undesirable Result for the chronic lowering of groundwater levels is a result that causes significant and unreasonable reduction in the long-term viability of domestic, agricultural, municipal, or environmental uses over the planning and implementation horizon of this GSP.





### Identification of Undesirable Results

This result is considered to occur during GSP implementation when 30 percent of representative monitoring wells (i.e., 1518 of 4760 wells) fall below their minimum groundwater elevation thresholds for two consecutive years.

The 30 percent of wells exceeding their MT for 24 consecutive months criteria included in the GSP allows the CBGSA the flexibility to identify the cause of MT exceedances and to develop a plan for response (per the Adaptive Management approach described in Section 7.6). Potential causes of MT exceedances could include:

- Prolonged drought;
- Pumping nearby the representative well; and
- Unreliable and non-representative data used to calculate the MT.

Minimum threshold exceedances in multiple wells is considered more indicative of a basin-scale decline in groundwater levels and potential adverse impacts on groundwater infrastructure, as opposed to more localized groundwater level declines, which could be associated with nearby pumping. Furthermore, groundwater levels in areas of the Basin change in response to climatic conditions and therefore sustained exceedances of minimum thresholds are considered to be more significant than short-term exceedances. Setting the Identification of Undesirable Results criteria at 30 percent or more of wells exceeding their MT is intended to reflect undesirable results at the basin-scale and using 24 consecutive months allows the GSA time to address issues, perform investigations, and implement projects and management actions as needed.

### Potential Causes of Undesirable Results

Potential causes of Undesirable Results for the chronic lowering of groundwater levels are groundwater pumping that exceeds the average sustainable yield in the Basin, and changes in precipitation in the Cuyama Watershed in the future.

### Potential Effects of Undesirable Results

If groundwater levels were to reach Undesirable Results levels, the Undesirable Results could cause potential de-watering of existing groundwater infrastructure, starting with the shallowest wells, could potentially adversely affect groundwater dependent ecosystems, and could potentially cause changes in irrigation practices, crops grown, and adverse effects to property values. Additionally, reaching Undesirable Results for groundwater levels could adversely affect domestic and municipal uses, including uses in disadvantaged communities, which rely on groundwater in the Basin.



### 3.2.2 Reduction of Groundwater Storage

#### Description of Undesirable Results

The Undesirable Result for the reduction in groundwater storage is a result that causes significant and unreasonable reduction in the viability of domestic, agricultural, municipal, or environmental uses over the planning and implementation horizon of this GSP.

#### Justification of Groundwater Elevations as a Proxy

Use of groundwater elevation as a proxy metric for Undesirable Results is appropriate for groundwater storage. The change in storage is directly correlated to changes in groundwater elevation. By setting minimum thresholds for levels, storage is also effectively managed.

#### Identification of Undesirable Results

This result is considered to occur during GSP implementation when 30 percent of representative monitoring wells (i.e., 1518 of 4760 wells) fall below their minimum groundwater elevation thresholds for two consecutive years.

The 30 percent of wells exceeding their MT for 24 consecutive months criteria included in the GSP allows the CBGSA the flexibility to identify the cause of MT exceedances and to develop a plan for response (per the Adaptive Management approach described in Section 7.6). Potential causes of MT exceedances could include:

- Prolonged drought;
- Pumping nearby the representative well; and
- Unreliable and non-representative data used to calculate the MT.

Minimum threshold exceedances in multiple wells is considered more indicative of a basin-scale decline in groundwater levels and potential adverse impacts on groundwater infrastructure, as opposed to more localized groundwater level declines, which could be associated with nearby pumping. Furthermore, groundwater levels in areas of the Basin change in response to climatic conditions and therefore sustained exceedances of minimum thresholds are considered to be more significant than short-term exceedances. Setting the Identification of Undesirable Results criteria at 30 percent or more of wells exceeding their MT is intended to reflect undesirable results at the basin-scale and using 24 consecutive months allows the GSA time to address issues, perform investigations, and implement projects and management actions as needed.

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## Potential Causes of Undesirable Results

Potential causes of Undesirable Results for the reduction in groundwater storage are groundwater pumping that exceeds the average sustainable yield in the Basin, and decreases in precipitation in the Cuyama Watershed in the future.

## Potential Effects of Undesirable Results

If reduction of groundwater in storage were to reach Undesirable Results levels, the Undesirable Results could cause potential de-watering of existing groundwater infrastructure and springs, starting with the shallowest wells, could potentially adversely affect groundwater dependent ecosystems, and potentially cause changes in irrigation practices, crops grown, and adverse effects to property values. Additionally, reaching Undesirable Results for reduction of groundwater in storage could adversely affect domestic and municipal uses, which rely on groundwater in the subbasin.

### 3.2.3 Seawater Intrusion

Seawater intrusion is not an applicable sustainability indicator in the Basin, because seawater intrusion is not present and is not likely to occur due to the distance between the Basin and the Pacific Ocean, bays, deltas, or inlets.

### 3.2.4 Degraded Water Quality

#### Description of Undesirable Results

The Undesirable Result for degraded water quality is a result stemming from a causal nexus between SGMA-related groundwater quantity management activities and groundwater quality that causes significant and unreasonable reduction in the long-term viability of domestic, agricultural, municipal, or environmental uses over the planning and implementation horizon of this GSP.

#### Identification of Undesirable Results

This result is considered to occur during GSP implementation when 30 percent of the representative monitoring points (i.e., 929 of 2964 sites) exceed the minimum threshold for a constituent for two consecutive years.

The 30 percent of wells exceeding their MT for 24 consecutive months criteria included in the GSP allows the CBGSA the flexibility to identify the cause of MT exceedances and to develop a plan for response (per the Adaptive Management approach described in Section 7.6). Potential causes of MT exceedances could include:

- Prolonged drought;
- Pumping nearby the representative well; and



- Unreliable and non-representative data used to calculate the MT.

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Minimum threshold exceedances in multiple wells is considered more indicative of a basin-scale decline in groundwater quality and potential adverse impacts on beneficial uses and users of groundwater, as opposed to more localized groundwater quality declines. Setting the Identification of Undesirable Results criteria at 30 percent or more of wells exceeding their MT is intended to reflect undesirable results at the basin-scale and using 24 consecutive months allows the GSA time to address issues, perform investigations, and implement projects and management actions as needed.

### Potential Causes of Undesirable Results

Potential causes of Undesirable Results for the degraded water quality are conditions where groundwater pumping degrades the groundwater quality.

### Potential Effects of Undesirable Results

If groundwater quality were degraded to reach Undesirable Results levels, the Undesirable Results could potentially cause a shortage in supply to groundwater users, with domestic wells being most vulnerable as treatment costs or access to alternate supplies can be high for small users. Water quality degradation could cause potential changes in irrigation practices, crops grown, and adverse effects to property values. Additionally, reaching Undesirable Results for groundwater quality could adversely affect municipal uses, including disadvantaged communities, which could have to install treatment systems.

### 3.2.5 Land Subsidence

#### Description of Undesirable Results

The Undesirable Result for land subsidence is a result that causes significant and unreasonable reduction in the viability of the use of infrastructure over the planning and implementation horizon of this GSP.

#### Identification of Undesirable Results

This result is detected to occur during GSP implementation when 30 percent of representative subsidence monitoring sites (i.e., 1 of 2 sites) exceed the minimum threshold for subsidence over two years.

The 30 percent of sites exceeding their MT for 24 consecutive months criteria included in the GSP allows the CBGSA the flexibility to identify the cause of MT exceedances and to develop a plan for response (per the Adaptive Management approach described in Section 7.6). Potential causes of MT exceedances could include:

- Prolonged drought;
- Pumping nearby the representative sites; and
- Unreliable and non-representative data used to calculate the MT.

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## Potential Causes of Undesirable Results

Potential causes of future Undesirable Results for land subsidence are likely tied to groundwater pumping resulting in dewatering of compressible clays in the subsurface.

## Potential Effects of Undesirable Results

If land subsidence conditions were to reach Undesirable Results, the Undesirable Results could potentially cause damage to infrastructure, including water conveyance facilities and flood control facilities roads, utilities, buildings, and pipelines.

### 3.2.6 Depletions of Interconnected Surface Water

#### Description of Undesirable Results

The Undesirable Result for depletions of interconnected surface water is a result that causes significant and unreasonable reductions in the viability of agriculture or riparian habitat within the Basin over the planning and implementation horizon of this GSP.

~~Identification of Undesirable Results~~ This will be developed once guidance documents are provided by DWR.

This result 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.

#### Justification of Groundwater Elevations as a Proxy

Use of groundwater elevation as a proxy metric for Undesirable Results is necessary given the difficulty and cost of direct monitoring of depletions of interconnected surface water. The depletion of interconnected surface water is driven by a gradient between water surface elevation in the surface water body and groundwater elevations in the connected, shallow groundwater system. By setting minimum thresholds on shallow groundwater wells near surface water, the CBGSA can to monitor and manage this gradient, and in turn, manage potential changes in depletions of interconnected surface.

#### Potential Causes of Undesirable Results

Potential causes of future Undesirable Results for depletions of interconnected surface water are likely tied to groundwater production, which could result in lowering of groundwater elevations in shallow aquifers near surface water courses. This could change the hydraulic gradient between the water surface elevation in the surface water course and the groundwater elevation, resulting in an increase in depletion of surface water to groundwater.



### Potential Effects of Undesirable Results

If depletions of interconnected surface water were to reach Undesirable Results, groundwater dependent ecosystems could be affected.

## 3.3 Evaluation of the Presence of Undesirable Results

DWR developed the *Sustainable Management Criteria* BMP (DWR, 2017) to help GSAs develop their sustainability criteria, and to identify the presence of Undesirable Results. The *Sustainable Management Criteria* BMP states: “Undesirable results will be defined by minimum threshold exceedances.” The *Sustainable Management Criteria* BMP helps GSAs identify the presence of an Undesirable Result by identifying a quantitative number and location of monitoring points that may be below the minimum threshold prior to a GSA identifying conditions as an Undesirable Result.

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This section evaluates current conditions and compares them with the minimum thresholds established in Chapter 5. Using the method identified above for each sustainability indicator, a GSA can identify the presence of Undesirable Results. For the Basin, Undesirable Results are identified at the Basin scale; this scale may be modified by the CBGSA Board if appropriate or necessary in the future.

### 3.3.1 Chronic Lowering of Groundwater Levels

The Undesirable Result for the chronic lowering of groundwater levels is considered to occur during GSP implementation when 30 percent of representative monitoring wells (i.e., ~~148~~ of ~~4760~~ wells) fall below their minimum groundwater elevation thresholds for two consecutive years (Section 3.2.1).

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Chapter 5 discusses how minimum thresholds were selected. Appendix A of Chapter 5 presents the hydrographs of groundwater levels through ~~2024~~~~2018~~ and the established depth of the minimum threshold for each monitoring site. Of the ~~4760~~ monitoring sites, ~~threene~~ were below the minimum threshold in the latest measurement in ~~2024~~~~2018~~, which is ~~six~~~~15~~ percent of representative monitoring wells (i.e., ~~39~~ of ~~4760~~), indicating that the Basin does not currently exceed the requirements for an undesirable condition for the chronic lowering of groundwater levels.

### 3.3.2 Reduction of Groundwater Storage

The Undesirable Result for the reduction of groundwater storage is monitored by proxy using groundwater levels and groundwater level minimum thresholds (Section 3.2.2). Because measurements show that levels are not in an undesirable condition, reduction of groundwater storage is not identified to be in an undesirable condition.

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### 3.3.3 Seawater Intrusion

Seawater intrusion is not an applicable sustainability indicator, because seawater intrusion is not present and is not likely to occur due to the distance between the Basin and the Pacific Ocean, bays, deltas, or inlets (Section 3.2.4). Therefore, there is no possibility of an undesirable result due to seawater intrusion.

### 3.3.4 Degraded Water Quality

The Undesirable Result for degraded water quality is considered to occur during GSP implementation when 30 percent of representative monitoring wells (i.e., 920 of 2964 wells) for water quality exceed minimum threshold levels for two consecutive years (Section 3.2.4).

Discussion of how minimum thresholds were selected is presented in Chapter 5. Table 5-2 in Chapter 5 shows the minimum thresholds and the most recent measurement for each monitoring site. Of the 2964 monitoring sites, none were worse than the minimum threshold in the latest measurement in 2023, which is 0 percent of representative monitoring wells (i.e., 0 of 2960), indicating that the Basin does not currently meet the requirements for an undesirable condition for degraded water quality.

### 3.3.5 Land Subsidence

The Undesirable Result for land subsidence is considered to occur during GSP implementation when 30 percent of representative subsidence monitoring sites (i.e., 1 of 2 sites) exceed the minimum threshold for subsidence over two consecutive years (Section 3.2.5).

Chapter 5 discussed how minimum thresholds were selected. The minimum threshold for subsidence has been set at 2 inches per year.

The rate of subsidence at the Cuyama Valley High School (CVHS) station is measured daily. Subsidence at the CVHS station cycles annually, with elastic rebound occurring in the winter, indicated by an annual high. Recent data available through 2022 (2023 data) shows that during the period of rebound occur between January 1 and March 10 each year. Measurements taken from January 1, 2017 to March 10, 2017 were compared with measurements from January 1, 2018 to March 10, 2018. Each daily measurement was not yet available) compared and the difference between each day was downloaded from UNAVCO<sup>1</sup> and the averaged. The average decline from a day in 2017 during that period and the same day in 2018 during that period was 33 millimeters (1.3 inches).

The rate of subsidence trend for CUHS was recalculated. Subsidence rates during 2021 and 2022 actually reflected a positive change in ground surface elevation, and current on the Ventueopa station was 0 inches over the same period. Because neither station showed a rate of subsidence rates in the central portion of the Basin are 34.02 mm per year or 1.34 over 2 inches per year (for WY 2022). This rate is below the

<sup>1</sup> <https://www.unavco.org/data/web-services/documentation/documentation.html#!/GNSS47GPS/getPositionByStationId>

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minimum threshold, and thus, the Basin does not currently meet the requirements for an undesirable result condition for land subsidence are not occurring in the Basin.

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### 3.3.6 Depletions of Interconnected Surface Water

This will be developed once guidance documents are provided by DWR.

~~The Undesirable Result for the depletion of interconnected surface water is monitored by proxy using groundwater levels and groundwater level minimum thresholds (Section 3.2.6). Because measurements show that levels do not currently meet the requirements for an undesirable condition, depletion of interconnected surface water is not identified to be in an undesirable condition.~~

### 3.4 References

California Department of Water Resources (DWR). 2018. *Sustainable Management Criteria Best Management Practice*. Sustainable Groundwater Management Program. November.  
<https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Sustainable-Groundwater-Management/Best-Management-Practices-and-Guidance-Documents/Files/BMP-6-Sustainable-Management-Criteria-DRAFT.pdf>. Accessed March 30, 2018.



## Chapter 5 Minimum Thresholds, Measurable Objectives, and Interim Milestones

This chapter of the Cuyama Groundwater Basin (Basin) *Groundwater Sustainability Plan* (GSP) defines the sustainability criteria used to avoid undesirable results during GSP implementation. The Sustainable Groundwater Management Act (SGMA) requires the application of minimum thresholds (MTs), measurable objectives (MOs), and interim milestones (IMs) to all representative monitoring sites identified in the GSP. These values, or thresholds, will help the Cuyama Basin Groundwater Sustainability Agency (CBGSA) and other groundwater users in the Basin identify sustainable values for the established SGMA sustainability indicators, and will help identify progress indicators over the 20-year GSP implementation period.

### 5.1 Useful Terms

There are several terms used in this chapter that describe Basin conditions and the values calculated for the representative sites. These terms are intended as a guide for readers, and are not a definitive definition of any term.

- **Interim Milestones** – IMs are a target value representing measurable conditions, set in increments of five years. They are set by the CBGSA as part of the GSP; IMs will help the Basin reach sustainability by 2040.
- **Measurable Objectives** – MOs are specific, quantifiable goals for maintaining or improving specified groundwater conditions that are included in the adopted GSP to achieve the Basin's sustainability goal.
- **Minimum Thresholds** – MTs are a numeric value for each sustainability indicator, which are used to define when undesirable results occur if minimum thresholds are exceeded in a percentage of sites in the monitoring network.
- **Sustainability Goals** – Sustainability goals are the culmination of conditions in the absence of undesirable results within 20 years of the applicable statutory deadline.
- **Undesirable Results** – Undesirable results are the significant and unreasonable occurrence of conditions that adversely affect groundwater use in the Basin, as defined in Chapter 3.

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- **Sustainability Indicators** – These indicators refer to any of the effects caused by groundwater conditions occurring throughout the Basin that, when significant and unreasonable, cause undesirable results, as described in Water Code Section 10721(x). These include the following:
  - Lowering groundwater levels
  - Reduction of groundwater storage
  - Seawater intrusion
  - Degraded water quality
  - Land subsidence
  - Depletion of interconnected surface water

Both MOs and MTs are applied to all sustainability indicator representative sites. Sites in the Basin’s monitoring networks that are not classified as representative sites are not required to have MOs or MTs. All of the Basin’s representative sites will also have IMs calculated for 2025, 2030, and 2035 to help guide the CBGSA toward its 2040 sustainability goals. All wells meeting the representative well criteria outlined in this GSP are included in the Basin’s monitoring network, although participation in the SGMA monitoring program is dependent upon agreements between the CBGSA and the well owners.

The following subsections describe the process of establishing MOs, MTs, and IMs for each of the sustainability indicators described above. They also discuss the results of this process.

## 5.2 Chronic Lowering of Groundwater Levels

The undesirable result for the chronic lowering of groundwater levels is a result that causes significant and unreasonable reduction in the long-term viability of domestic, agricultural, municipal, or environmental uses over the planning and implementation horizon of this GSP.

Groundwater conditions, as discussed in Chapter 2, Section 2.2, vary across the Basin. Groundwater conditions are influenced by geographic attributes, geologic attributes, and overlying land uses in the Basin. Because of the variety of conditions, six threshold regions were established in the Basin so appropriate sustainability criteria could be set more precisely for each region.

### 5.2.1 Threshold Regions

The ~~previous GSP utilized six~~ threshold regions ~~that~~ were defined to allow areas with similar conditions to be grouped together for calculation of MOs, MTs, and IMs. ~~However, for this GSP Update the CBGSA has utilized new threshold calculations that incorporate historical data, potential impacts to beneficial uses and users of groundwater, and variations in local conditions in a consistent manner across the Basin. Therefore, these~~ threshold regions are ~~no longer being used~~ shown in Figure 5-1. The following subsections discuss threshold region characteristics and boundaries.



### **Southeastern Threshold Region**

The Southeastern Threshold Region lies on the southeastern edge of the Basin, and is characterized as having moderate agricultural land use with steep geographic features surrounding the valley. Groundwater is generally high in this area, with recent historical data showing levels around 50 feet or less below ground surface, which indicates that this region is likely currently in a full condition. Groundwater levels in this region are subject to declines during drought periods, but have typically recovered back to previous levels during historically wet periods. The northern boundary of this region is the narrows at the Cuyama River approximately at the boundary with U.S. Forest Service lands, and the eastern boundary is the extent of alluvium. The southern and western extent of this region is defined by the groundwater basin boundary.





**Figure 5-4: Threshold Regions**

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### Eastern Threshold Region

The Eastern Threshold Region lies southeast of the central part of the Basin and encompasses Ventucopa and much of the surrounding agricultural property. This part of the Basin has agricultural pumping. Hydrographs in this region indicate that groundwater levels have historically ranged widely and repeatedly over the last 50 years, and in general, are declining over the past 20 years. However, these levels are generally higher than those in the Central Threshold Region. The northern boundary of this region is the Santa Barbara Canyon Fault, and the southern boundary is where the Cuyama Valley significantly narrows due to geographic changes. The eastern boundary is the extent of the boundary, and the western boundary is defined by the groundwater basin boundary.

### Central Threshold Region

The Central Threshold Region incorporates the majority of agricultural land use in the Basin, as well as the towns of Cuyama and New Cuyama. The greatest depths to groundwater are also found in the Central Threshold Region, and groundwater levels have generally been declining in this region since the 1950s. The southeastern boundary is defined by the Santa Barbara Canyon fault, and the western boundary by the Russell Fault. The northern and southern boundary of this region is defined by the Basin boundary.

### Western Threshold Region

The Western Threshold Region is characterized by shallow depth to water, and recent historical data and hydrographs in this region indicate that it is likely this portion of the Basin is currently in a full condition. Land uses in this area generally include livestock and small agricultural operations. It lies primarily on the north-facing slope of the lower Cuyama Valley. The eastern boundary is defined by the Russell Fault, and the northern boundary was drawn to differentiate distinct land uses. The southwestern boundary is defined by the groundwater basin boundary.

### Northwestern Threshold Region

The Northwestern Threshold Region is the bottom of the Cuyama Basin and has undergone changes in land use from small production agricultural and grazing to irrigated crops over the last four years. Recent historical data and hydrographs in this portion of the Basin indicate that this portion is likely currently in a full condition. The southern border was drawn to differentiate between the land uses of the Western and Northwestern Threshold regions, resulting in different kinds of agricultural practices. The rest of the region is defined by the Basin boundary.





### Badlands Threshold Region

The Badlands Threshold Region includes the areas east of the Central, East, and Southeast Threshold regions on the west facing slope of the Cuyama Valley. There are no active wells and there is little groundwater use in this area. There is no monitoring in this region, and no sustainability criteria were developed for this region.

#### 5.2.2 Minimum Thresholds, Measurable Objectives, and Interim Milestones

This section describes how MTs, MOs, and IMs were established for each representative well by threshold region, and explains the rationale behind the each selected methodologies methodology.

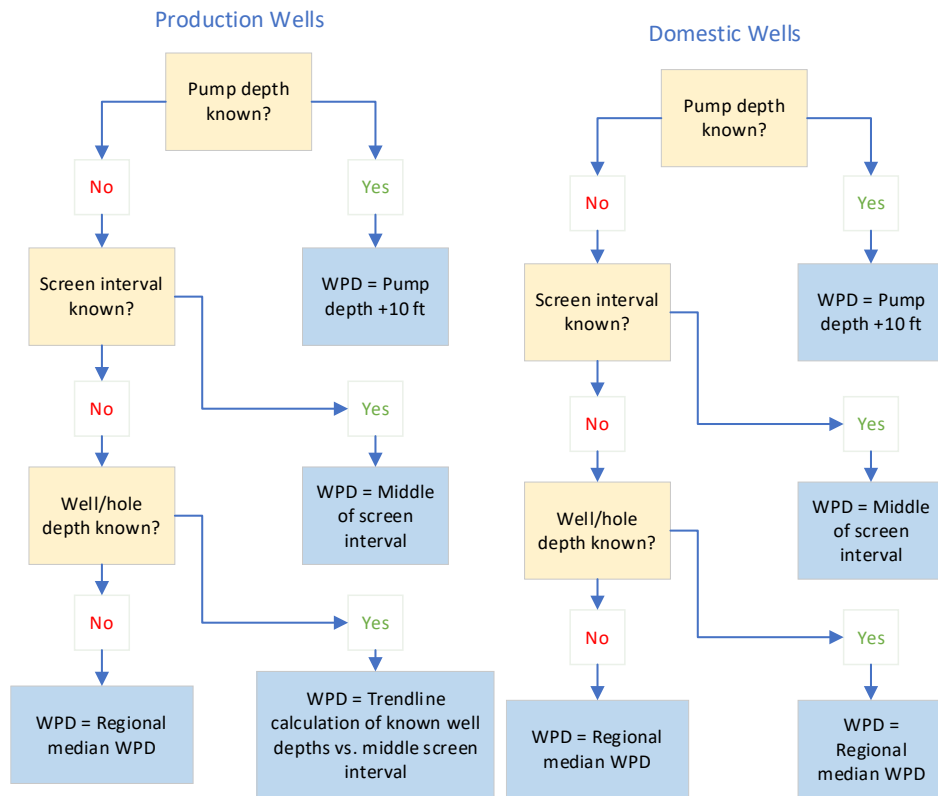
The minimum threshold calculation uses a stepwise function that takes a conservative approach to protect wells (production and domestic) across the Basin while providing flexibility when possible, to accommodate the CBGSA planned pumping allocations and reductions strategy. The stepwise function has four potential calculation outcomes:

1. **Combined Well protection and GDE protection depth:** The well protection depth and GDE protection depth were merged together in a GIS analysis process that interpolated the data into a 3-dimensional coverage across the Basin, in the same process elevation points make a topographic map of the surface elevation. For each RMW's location, the interpolated protection depth was then extracted to get the final Well Protection / GDE protection depth value.
  - a. **Well Protection Depth:** The well protection depth is used to ensure that active production and domestic wells within the Basin are protected from harm to their beneficial uses. The well protection depth is a numerical value representing the approximate depth at which, if exceeded, beneficial uses could be impacted in a well. This value is unique and calculated for each active production and domestic well within the Basin where there is available data. Where data is not available, generalized or regional proxy data is utilized. Some wells are screened from this analysis either because they are too far removed from the representative well network (and therefore conditions at the nearest RWM are not indicative of conditions at the active well because of distance and/or other conditions such as geology or topology) or wells were already dry in 2015. The well protection depth is calculated for each pumping well as a four-part stepwise function, with a slight difference in the fourth step between domestic and production wells (Figure 5-1).
  - b. **GDE Protection Depth:** GDEs are incorporated two ways into the well protection depth GIS analysis. First, RMW wells within 2,000 feet of potential GDEs (with two exceptions due to local topography) were automatically assigned a well protection depth of 30 ft bgs. These RMWs are Opti wells 2, 114, 568, 830, 832, 833, and 836. Second, all potential GDE locations in the Basin were assigned a protection depth of 30 ft bgs via a dense spatial point-cloud within each GDE polygon in GIS. The point-clouds allow GIS to

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utilize the same data type (points instead of polygons) in the processing required for the protection depth calculation.



**Southeastern Threshold Region**

Monitoring in this threshold region indicates groundwater levels are static except during drought conditions from 2013 to 2018. Static groundwater levels indicate this area of the Basin is generally at capacity; therefore, the MT is protective of domestic, private, public, and environmental uses.

The MO for the Southeastern Threshold Region’s wells was calculated by finding the measurement taken closest to (but not before) January 1, 2015 and not after April 30, 2015. If no measurement was taken during this four-month period, then a linear trendline was applied to the data and the value for January 1, 2015 was extrapolated.





To provide an operational flexibility range, the MT was calculated by subtracting five years of groundwater storage from the MO. Five years of storage was calculated by finding the decline in groundwater levels from 2013 to 2018, which was considered a period of drought. If measurements were insufficient for this time period, a linear trendline was used to extrapolate the value decline value.

IMs were set to equal the MT in 2025, with a projected improvement to one-third the distance between the MT and MO in 2030 and half the distance between the MT and MO in 2035. As a result, IMs will a way to measure progress toward sustainability over the GSP's planning horizon.

Groundwater levels will be measured using the protocols documented in Chapter 4's Appendix A.

### Eastern Threshold Region

Monitoring in this threshold region indicates a downward trend in groundwater levels. However, much of this downward trend is due to hydrologic variability and may be recovered in the future. Therefore, MTs have been set to allow for greater flexibility as compared to other regions. The MT for wells in this region intends to protect domestic, private, public and environmental uses of the groundwater by allowing for managed extraction in areas that have beneficial uses and protecting those with at risk infrastructure.

Stakeholders reported concern about the dewatering of domestic wells in this region, and groundwater levels have been declining in monitoring wells. Both the MT and MO consider the sustainability of water levels in regard to both domestic and agricultural users.

The MT was calculated by taking the total historical range of recorded groundwater levels and used 35 percent of the range. This 35 percent was then added below the value closest to January 1, 2015 (as described above).

MOs were calculated by subtracting five years of groundwater storage from the MT. Five years of storage was found by calculating the decline in groundwater levels from 2013 to 2018 (a drought period). If measurements were insufficient for this time period, a linear trendline was used to extrapolate the value.

IMs were set to equal the MT in 2025, with a projected improvement to one-third the distance between the MT and MO in 2030 and half the distance between the MT and MO in 2035. As a result, IMs will a way to measure progress toward sustainability over the GSP's planning horizon.

Groundwater levels will be measured using the protocols documented in Chapter 4's Appendix A.

### Central Threshold Region

Monitoring in this threshold region indicates a decline in groundwater levels, indicating an extraction rate that exceeds recharge rates. The MT for this region is set to allow current beneficial uses of groundwater while reducing extraction rates over the planning horizon to meet sustainable yield. The MO is intended to allow sufficient operational flexibility for future drought conditions.



The MT for representative wells in the Central-Threshold Region was calculated by finding the maximum and minimum groundwater levels for each representative well, and calculating 20 percent of the historical range. This 20 percent was then added to the depth to water measurement closest to, but not before, January 1, 2015, and no later than April 30, 2015. If no measurement was taken during this four-month period, then a linear trendline was applied to the wells data, and the value for January 1, 2015 was extrapolated.

The MO was calculated by subtracting five years of groundwater storage from the MT. Five years of storage was found by calculating the decline in groundwater levels from 2013 to 2018 (a drought period). If measurements were insufficient for this time period, a linear trendline was used to extrapolate the value.

For Opti-Wells 74, 103, 114, 568, 609, and 615, a modified MO calculation was used where the MO used the linear trendline of the full range of measurements to extrapolate a January 1, 2015 value. This modification was made because measurements from 2013 to 2018 in these wells did not provide sufficient data to provide an adequate trendline for calculating the MO.

IMs were set to equal the in 2025, with a projected improvement to one-third the distance between the MT and MO in 2030 and half the distance between the MT and MO in 2035. As a result, IMs will a way to measure progress toward sustainability over the GSP's planning horizon.

Groundwater levels will be measured using the protocols documented in Chapter 4's Appendix A.

### Western Threshold Region

Monitoring in this threshold region indicates groundwater levels are stable, and levels varied significantly depending on where representative wells were in the region. The most common use of groundwater in this region is for domestic use. Due to these hydrologic conditions, the MT was set to protect the water levels from declining significantly, while allowing beneficial land surface uses of the groundwater and protection of current well infrastructure. The MT was calculated by taking the difference between the total well depth and the value closest to mid-February, 2018, and calculating 15 percent of that depth. Values from 2018 are used because data collected during this time represent a full basin condition. That value was then subtracted from the mid-February, 2018 measurement to calculate the MT. This allows users in this region to use their groundwater supply without increasing the risk of running a well beyond acceptable limits, and this methodology is responsive to the variety of conditions and well depths in this region.

The MO was then calculated by finding the measurement closest to mid-February, 2018, which monitoring indicates is likely a full condition.

Opti-Well 474 uses a modified MO calculation where the historical high elevation measurement was used as the MO. This was done to allow for a sufficient operational flexibility based on historical data for the well.





IMs were set to equal the in 2025, with a projected improvement to one-third the distance between the MT and MO in 2030 and half the distance between the MT and MO in 2035. As a result, IMs will a way to measure progress toward sustainability over the GSP's planning horizon.

Groundwater levels will be measured using the protocols documented in Chapter 4's Appendix A.

### Northwestern Threshold Region

Monitoring in this threshold region indicates levels are stable, with some declines in the area where new agriculture is established. Due to these hydrologic conditions, the MT was set to protect the water levels from declining significantly, while allowing beneficial land surface uses (including domestic and agricultural uses) and using the storage capacity of this region. The MT for the this region was found by determining the region's total average saturated thickness for the primary storage area, and calculating 15 percent of that depth. This value was then set as the MT.

The MO for this region was calculated using 5 years of storage. Because historical data reflecting new operations in this region are limited, 50 feet was used as 5 years of storage based on local landowner input.

There are several representative wells in this region that were reclassified as far-west northwestern wells, and include Opti Wells 830, 831, 832, 833, 834, 835, and 836. These wells have total depths that are shallower, and they use the same strategies as the Western Threshold Region for their MOs and MTs to be more protective of these wells and ensure levels do not drop below the total well depth.

IMs were set to equal the MT in 2025, with a projected improvement to one-third the distance between the MT and MO in 2030 and half the distance between the MT and MO in 2035. As a result, IMs will a way to measure progress toward sustainability over the GSP's planning horizon.

Groundwater levels will be measured using the protocols documented in Chapter 4's Appendix A.

### Badlands Threshold Region

This threshold region has no groundwater use or active wells. As a result, no MO, MT, or IM was calculated.

### Figure 5-1: Well Protection Depth Stepwise Diagram for Production and Domestic Wells

2. **Recent deepest measurement plus 10 ft or 5% buffer (whichever is greater):** Historical data for the last ten years (2013-2023 based on the timing of the development of this methodology) was analyzed to find the deepest depth to water during that period. A buffer of the greater of either 10 ft or 5% of the depth to water value was then added to the max depth. This methodology



helps utilize, where appropriate, historical and recently collected data that captures both wet and dry periods. This criteria allows for the flexibility for regions of the Basin that experience significant drawdown and recovery during dry and wet hydrologic cycles to manage those variations in groundwater elevation.

**3. Projected depth of water in 2040 based on modeled glidepath:** The Cuyama Basing Groundwater Model (updated in 2024) was used to project the depth of water in 2040 based on the CBGSA's planned allocation and glidepath pumping reductions. In regions of the Basin where there is significant pumping, this allows for groundwater levels to decline to where the model predicts they will be in 2040 given the anticipated schedule for pumping reductions.

**4. Saturated thickness in areas of greater geologic understanding:** The calculation for this strategy uses the localized region's total average saturated thickness for the primary storage area and calculating 15 percent of that depth. Because there is an area in the northwestern portion of the Basin with greater geological research and understanding, the saturated thickness provides a measurable and defined direct relationship between available water in the aquifer, storage capacity, and undesirable conditions. As discussed in the following section, additional analysis has also been conducted to ensure that the calculated MTs in this area do not impact beneficial uses or uses at any nearby active wells or potential GDEs.

Using these four options above, the stepwise function to determine the appropriate MT for each RMW is as follows:

1. For RMWs that used the saturated thickness approach in the approved 2020 GSP, utilize that same approach.
2. For RMWs that did not utilize the saturated thickness approach in the approved 2020 GSP,
  - a. First find the deeper of these two values:
    - i. Deepest depth to water (DTW) from 2013-2023 + buffer
    - ii. Cuyama Basin groundwater model projected DTW in 2040
  - b. Then find the shallower value between Step 2a, the WPD and the GDE protection depth

Figure 5-2 shows the groundwater level SMC minimum threshold methodology that resulted from the stepwise function above for all representative wells.

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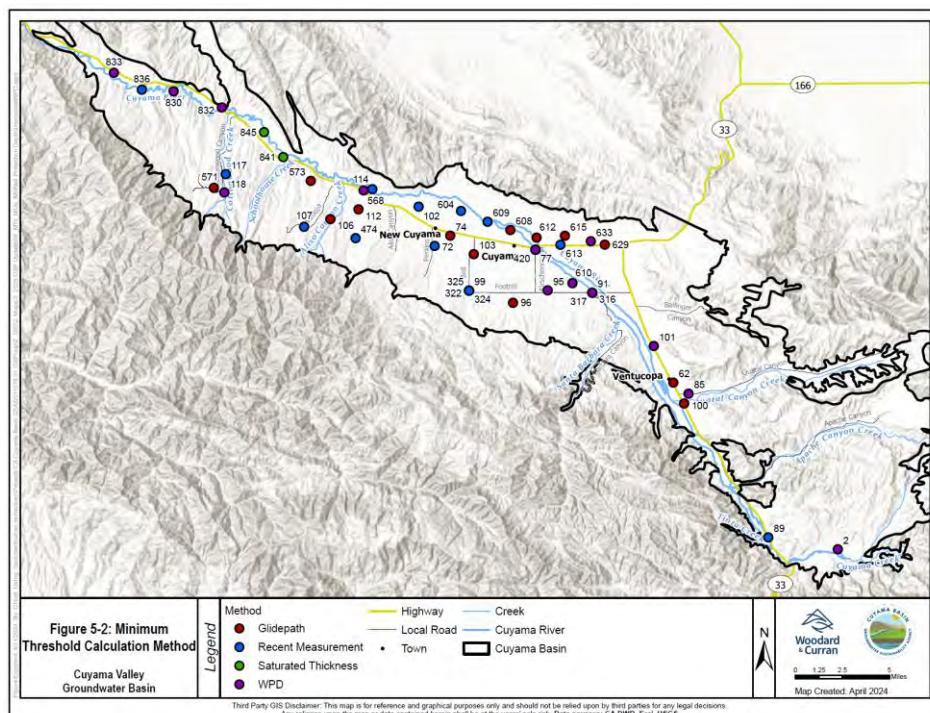
The CBGSA determined that the same margin of operational flexibility (MoOF) utilized in the 2020 GSP should be used again, unless that margin was less than 10 feet in which the MoOF would be equal to 10 feet.

In summary, this approach achieves the CBGSA's goal of allowing for operational and hydrologic flexibility in all parts of the Basin while also ensuring that groundwater pumping wells and GDEs are protected from negative impacts.





Figure 5-2: Groundwater Level SMC Minimum Threshold Methodology





### **Analysis of Northwestern Region Minimum Thresholds**

DWR's consultation letter expressed concern about whether the thresholds established using the saturated thickness methodology (applied to RMW Opti wells 841 and 845) are protective of nearby beneficial users of water. Specifically, DWR questioned what impact(s) may occur to nearby domestic wells and GDEs if groundwater levels were to reach MTs in representative wells. To address this, the Cuyama Basin Water Resources Model (CBWRM) was used to simulate groundwater level conditions by artificially dropping groundwater levels near Opti Wells 841 and 845 to the set MTs. This was done by assigning specified head boundary conditions at the MT levels for the model nodes near these well locations. The simulation was run for 10 years over the historical period between water years (WY) 2011 to 2020 during which the specified head boundary conditions at the MT levels were continuously active.

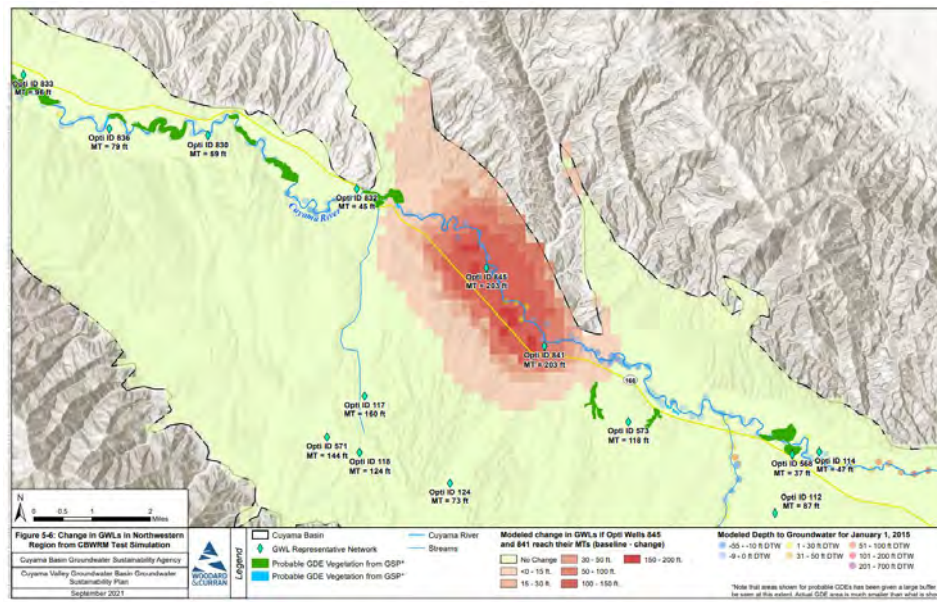
**Figure 5-3** shows the modeled change in groundwater elevations resulting from setting groundwater levels at the MTs at wells 841 and 845. Areas shaded in red or tan color on the figure had reduced groundwater elevations as compared to the baseline condition. Areas shaded in lime green were unaffected by the change in groundwater elevations at well 841 and 845 locations. As shown in the figure, there are no active domestic wells within the area affected by the lowered groundwater elevations at wells 841 and 845. The only GDE which may be affected is the GDE located at the confluence of Cottonwood Creek and the Cuyama River, which has an expected impact of less than 5 feet. However, even with this difference, the estimated depth to water at this GDE location would be shallower than 30 feet and therefore should not have a detrimental impact on these potential GDEs. Potential impacts on this GDE location will be monitored at nearby Opti well 832.

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As noted above, the other potential beneficial use that may be affected comes from Cuyama River inflows into Lake Twitchell. The model simulation also showed an increase in stream depletion in the affected portion of the aquifer of about 1,200 acre-feet per year. This represents about 12 percent (out of 10,200 AFY) of the modeled streamflow in the Cuyama River at this location during the WY 2011-2020 model simulation period. However, the actual change in inflows into Lake Twitchell would be less than 1,200 AFY because of stream depletions that would occur between Cottonwood Creek and Lake Twitchell. For comparison, during the same period the USGS gage on the Cuyama River just upstream of Lake Twitchell (11136800) recorded an average annual flow of 7,900 AFY, only a portion of which comes from the Cuyama Basin. Given the lack of data regarding the hydrology and stream seepage between Cottonwood Creek and Lake Twitchell, it is uncertain how much of an impact this would have on the flows that ultimately are stored in Lake Twitchell.



**Figure 5-3: Change in Groundwater Levels for Wells that Utilize the Saturated Thickness Methodology for MTs from CBWRM Test Simulation**







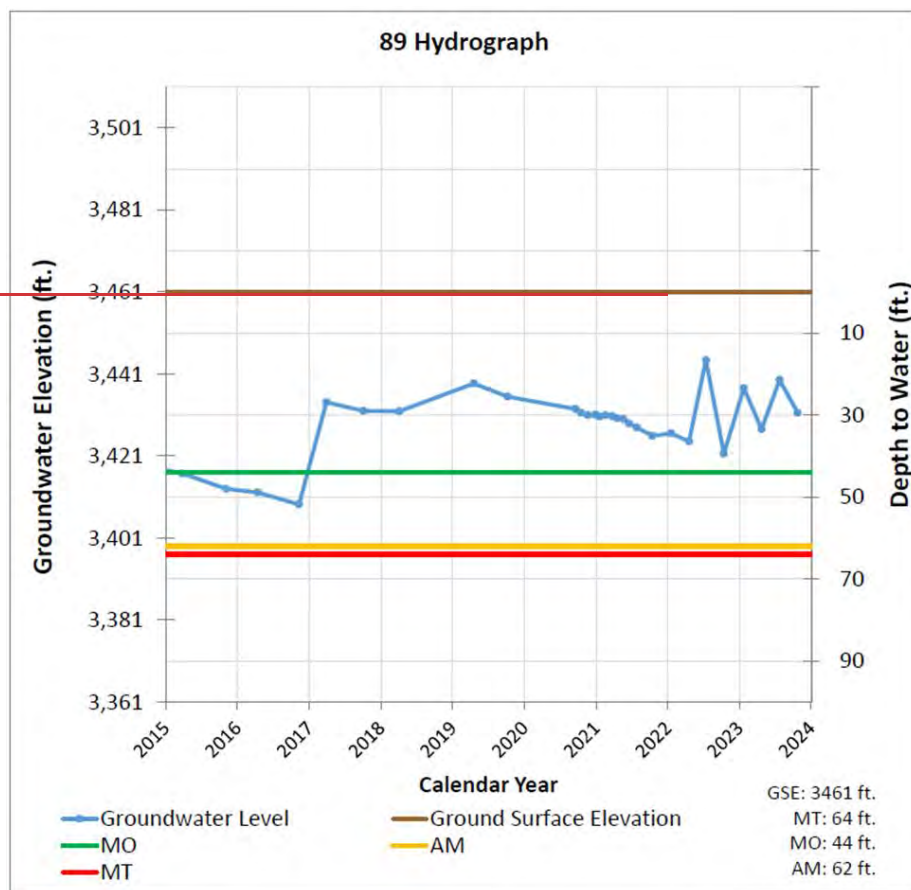
### 5.2.3 Selected MT, MO, and IM Graphs, Figures, and Tables

Figure 5-4 shows an example hydrograph with indicators for the MT ~~and~~, MO, ~~and~~ IM over the hydrograph. The left axis shows elevation above mean sea level, the right axis shows depth to water below ground surface. The brown line shows the ground surface elevation, and time in years is shown on the bottom axis. Each measurement taken at the monitoring well is shown as a blue dot, with blue lines connecting between the blue dots indicating the interpolated groundwater level between measurements. The MT and IM are shown as a red line, and the MO is shown as a green line. Appendix A includes hydrographs with MT, MO and IM for each representative monitoring well.

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**Table 5-1** shows the representative monitoring network and the numerical values for the MT, MO, and IM ~~for each representative well~~.

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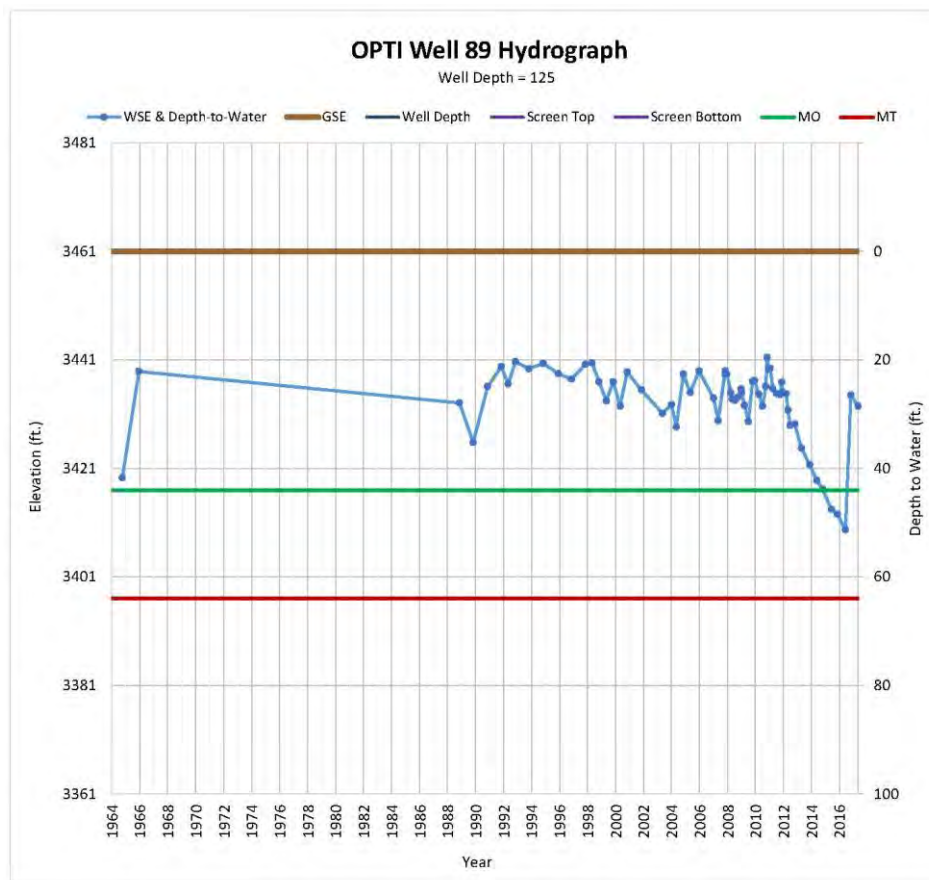


Figure 5-4: Example Hydrograph





**Table 5-1: Representative Monitoring Network and Sustainability Criteria**

OPTI Well	Region	Final MT	Final MO	2025 IM	2030 IM	2035 IM	Well Depth (feet)	Screen Top (feet)	Screen Bottom (feet)	GSE (feet)	
72	Central		<u>373469</u>	<u>328424</u>	<u>362469</u>	<u>350454</u>	<u>339447</u>	790	340	350	2,171
74	Central		<u>322256</u>	<u>309243</u>	<u>319256</u>	<u>316252</u>	<u>312250</u>	--	--	--	2,193
77	Central		<u>514450</u>	<u>464400</u>	<u>501450</u>	<u>489433</u>	<u>476425</u>	980	960	980	2,286
91	Central		<u>730625</u>	<u>681576</u>	<u>718625</u>	<u>705609</u>	<u>693604</u>	980	960	980	2,474
95	Central		<u>597573</u>	<u>562538</u>	<u>588573</u>	<u>580564</u>	<u>571556</u>	805	--	--	2,449
96	Central		<u>369333</u>	<u>361325</u>	<u>367333</u>	<u>365330</u>	<u>363329</u>	500	--	--	2,606
<del>98</del>	<del>Central</del>		<del>450</del>	<del>430</del>	<del>450</del>	<del>446</del>	<del>445</del>	<del>750</del>	<del>--</del>	<del>--</del>	<del>2,688</del>
99	Central		<u>379344</u>	<u>368300</u>	<u>377344</u>	<u>374307</u>	<u>371306</u>	750	730	750	2,513
102	Central		<u>470235</u>	<u>432497</u>	<u>461235</u>	<u>451222</u>	<u>442246</u>	--	--	--	2,046
103	Central		<u>379290</u>	<u>324235</u>	<u>365290</u>	<u>351272</u>	<u>338263</u>	1,030	--	--	2,289
112	Central		<u>10287</u>	<u>10085</u>	<u>10187</u>	<u>10186</u>	<u>10086</u>	441	--	--	2,139
114	Central		<u>5847</u>	<u>5645</u>	<u>5847</u>	<u>5746</u>	<u>5746</u>	58	--	--	1,925
316	Central		<u>731623</u>	<u>682574</u>	<u>719623</u>	<u>706607</u>	<u>694599</u>	830	--	--	2,474
317	Central		<u>700623</u>	<u>650573</u>	<u>688623</u>	<u>675606</u>	<u>663598</u>	700	--	--	2,474
322	Central		<u>387307</u>	<u>378298</u>	<u>385307</u>	<u>383304</u>	<u>381303</u>	850	--	--	2,513
324	Central		<u>365344</u>	<u>353299</u>	<u>362344</u>	<u>359307</u>	<u>356305</u>	560	--	--	2,513
325	Central		<u>331300</u>	<u>323292</u>	<u>329300</u>	<u>327297</u>	<u>325296</u>	380	--	--	2,513
420	Central		<u>514450</u>	<u>464400</u>	<u>501450</u>	<u>489433</u>	<u>476425</u>	780	--	--	2,286

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Table 5-1: Representative Monitoring Network and Sustainability Criteria

OPTI Well	Region	Final MT	Final MO	2025 IM	2030 IM	2035 IM	Well Depth (feet)	Screen Top (feet)	Screen Bottom (feet)	GSE (feet)
421	Central	<del>514446</del>	<del>466398</del>	<del>502446</del>	<del>490430</del>	<del>478422</del>	620	--	--	2,286
<del>422</del>	<del>Central</del>	444	397	444	428	421	<del>460</del>	--	--	<del>2,286</del>
474	Central	<del>197488</del>	<del>178460</del>	<del>192488</del>	<del>188482</del>	<del>183470</del>	213	--	--	2,369
568	Central	<del>4737</del>	<del>4636</del>	<del>4737</del>	<del>4737</del>	<del>4637</del>	188	--	--	1,905
604	Central	<del>544526</del>	<del>505487</del>	<del>534526</del>	<del>524543</del>	<del>515507</del>	924	454	924	2,125
608	Central	<del>504436</del>	<del>475407</del>	<del>497436</del>	<del>490426</del>	<del>483422</del>	745	440	745	2,224
609	Central	<del>499458</del>	<del>462424</del>	<del>490458</del>	<del>480446</del>	<del>471440</del>	970	476	970	2,167
610	Central	<del>557624</del>	<del>527504</del>	<del>549624</del>	<del>542644</del>	<del>534606</del>	780	428	780	2,442
612	Central	<del>513463</del>	<del>490440</del>	<del>507463</del>	<del>502455</del>	<del>496452</del>	1,070	657	1070	2,266
613	Central	<del>578503</del>	<del>550475</del>	<del>571503</del>	<del>564404</del>	<del>557480</del>	830	330	830	2,330
615	Central	<del>588500</del>	<del>556468</del>	<del>580500</del>	<del>572480</del>	<del>564484</del>	865	480	865	2,327
<del>620</del>	<del>Central</del>	606	566	606	593	586	<del>4,035</del>	<del>550</del>	<del>4035</del>	<del>2,432</del>
629	Central	<del>613550</del>	<del>581527</del>	<del>605550</del>	<del>597548</del>	<del>589543</del>	1,000	500	1000	2,379
633	Central	<del>605547</del>	<del>551493</del>	<del>591547</del>	<del>578520</del>	<del>564520</del>	1,000	500	1000	2,364
62	Eastern	<del>212482</del>	<del>187457</del>	<del>206482</del>	<del>199460</del>	<del>193470</del>	212	--	--	2,921
85	Eastern	<del>200233</del>	<del>176200</del>	<del>194233</del>	<del>188204</del>	<del>182224</del>	233	--	--	3,047
100	Eastern	<del>186484</del>	<del>157452</del>	<del>179484</del>	<del>172462</del>	<del>164467</del>	284	--	--	3,004
101	Eastern	<del>138444</del>	<del>11588</del>	<del>133444</del>	<del>127404</del>	<del>121400</del>	200	--	--	2,741

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Table 5-1: Representative Monitoring Network and Sustainability Criteria

OPTI Well	Region	Final MT	Final MO	2025 IM	2030 IM	2035 IM	Well Depth (feet)	Screen Top (feet)	Screen Bottom (feet)	GSE (feet)	
840	Northwestern		203	453	203	486	478	900	200	880	4,713
841	Northwestern		203	153	<u>191203</u>	<u>178486</u>	<u>166478</u>	600	170	580	1,761
843	Northwestern		203	453	203	486	478	620	60	600	4,764
845	Northwestern		203	153	<u>191203</u>	<u>178486</u>	<u>166478</u>	380	100	360	1,712
849	Northwestern		203	453	203	486	478	570	450	550	4,713
2	Southeastern		<u>5272</u>	<u>3555</u>	<u>4872</u>	<u>4466</u>	<u>3964</u>	73	--	--	3,720
89	Southeastern		<u>6264</u>	<u>4244</u>	<u>5764</u>	<u>5257</u>	<u>4754</u>	125	--	--	3,461
106	Western		<u>164154</u>	<u>152441.4</u>	<u>161454</u>	<u>158450</u>	<u>155448</u>	227.5	--	--	2,327
107	Western		<u>12294</u>	<u>10372.23</u>	<u>11794</u>	<u>11385</u>	<u>10882</u>	200	--	--	2,482
408	Western		465	435.62	465	455	450	328.75	--	--	2,629
117	Western		<u>163460</u>	<u>154450.82</u>	<u>161460</u>	<u>158457</u>	<u>156455</u>	212	--	--	2,098
118	Western		<u>40424</u>	<u>1057.22</u>	<u>24424</u>	<u>7402</u>	<u>-1094</u>	500	--	--	2,270
423	Western		34	42.50	34	25	22	438	--	--	2,465
424	Western		73	57.12	73	68	65	460.55	--	--	2,287
427	Western		42	34.74	42	39	37	400.25	--	--	2,364
571	Western		<u>142444</u>	<u>118420.5</u>	<u>136444</u>	<u>130436</u>	<u>124432</u>	280	--	--	2,307
573	Western		<u>93448</u>	<u>4267.5</u>	<u>80448</u>	<u>68404</u>	<u>5593</u>	404	--	--	2,084
830	Far-West Northwestern		<u>6350</u>	<u>6056</u>	<u>6250</u>	<u>6258</u>	<u>6158</u>	77.2	--	--	1,571

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Table 5-1: Representative Monitoring Network and Sustainability Criteria

OPTI Well	Region	Final MT	Final MO	2025 IM	2030 IM	2035 IM	Well Depth (feet)	Screen Top (feet)	Screen Bottom (feet)	GSE (feet)
831	<del>Far-West Northwestern</del>	<del>77</del>	<del>52</del>	<del>77</del>	<del>69</del>	<del>65</del>	<del>213.75</del>	-	-	<del>1,557</del>
832	Far-West Northwestern	<u>5045</u>	<u>3530</u>	<u>4645</u>	<u>4340</u>	<u>3938</u>	131.8	--	--	1,630
833	Far-West Northwestern	<u>4896</u>	<u>1024</u>	<u>3096</u>	<u>1272</u>	<u>-660</u>	503.55	--	--	1,457
834	<del>Far-West Northwestern</del>	<del>84</del>	<del>42</del>	<del>84</del>	<del>70</del>	<del>63</del>	<del>320</del>	-	-	<del>1,508</del>
835	<del>Far-West Northwestern</del>	<del>55</del>	<del>36</del>	<del>55</del>	<del>49</del>	<del>46</del>	<del>162.2</del>	-	-	<del>1,555</del>
836	Far-West Northwestern	<u>4979</u>	<u>1036</u>	<u>3879</u>	<u>2865</u>	<u>1758</u>	325	--	--	1,486

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### 5.3 Reduction of Groundwater Storage

The undesirable result for the reduction in groundwater storage is a result that causes significant and unreasonable reduction in the viability of domestic, agricultural, municipal, or environmental uses over the planning and implementation horizon of this GSP.

Direct measurement of the reduction of groundwater storage in the Basin is not needed because monitoring in several areas of the Basin (i.e., the western, southeastern, and portions of the north facing slope of the Cuyama Valley near the center of the Basin) indicate that those regions are likely near, or at full conditions. Additionally, the Basin's primary aquifer is not confined and storage closely matches groundwater levels.

SGMA regulations define the MT for reduction of groundwater storage as "...the total volume of groundwater that can be withdrawn from the basin without causing conditions that may lead to undesirable results."

Undesirable results for groundwater storage volumes in this GSP will use groundwater levels as a proxy, as the groundwater level sustainability criteria are protective of groundwater in storage.

#### 5.3.1 Threshold Regions

~~Groundwater storage is measured by proxy using groundwater level thresholds, and thus uses the same methodology and threshold regions as groundwater levels.~~

#### 5.3.25.3.1 Proxy Monitoring

Reduction of groundwater storage in the Basin uses groundwater levels as a proxy for determining sustainability, as permitted by Title 23 of the California Code of Regulations in Section 354.26 (d), Chapter 1.5.2.5. Additionally, there are currently no state, federal, or local standards that regulate groundwater storage. As described above, any benefits to groundwater storage are expected to coincide with groundwater level management.

### 5.4 Seawater Intrusion

Due to the geographic location of the Basin, seawater intrusion is not a concern, and thus is not required to establish criteria for undesirable results for seawater intrusion, as supported by Title 23 of the California Code of Regulations in Section 354.26 (d), Chapter 1.5.2.5.

### 5.5 Degraded Water Quality

The undesirable result for degraded water quality is a result stemming from a causal nexus between SGMA-related groundwater quantity management activities and groundwater quality that causes significant and unreasonable reduction in the long-term viability of domestic, agricultural, municipal, or environmental uses over the planning and implementation horizon of this GSP.





The SGMA regulations specify that, “minimum thresholds for degraded water quality shall be the degradation of water quality, including the migration of contaminant plumes that impair water supplies or other indicator of water quality as determined by the Agency that may lead to undesirable results.”

Salinity (measured as total dissolved solids [TDS]), arsenic, and nitrates ~~were have all been identified during the development of the 2020 GSP as potential constituents potentially being of concern for water quality in the Basin.~~ However, ~~recent data analysis has led the CBGSA to conclude that thresholds for TDS are warranted and thresholds for as noted in the Groundwater Conditions section, there have only been two nitrate measurements and three arsenic measurements in recent years that exceeded MCLs. In the case of arsenic, all of the high concentration measurements have been taken at groundwater depths of greater than 700 feet, outside of the range of pumping. Furthermore, unlike with salinity, there is no evidence to suggest a causal nexus between potential GSP actions and arsenic or salinity. Therefore, the groundwater quality network has been established to monitor for salinity (measured as TDS) but does not aligned with the CBGSAs role within the Subbasin. include arsenic or nitrates at this time.~~

TDS is being monitored by the GSA for several reasons. Local stakeholders identified TDS as one of the constituents of concerns in the GSP development processes, and TDS has had several exceedance measurements near domestic and public supply wells. Although high TDS concentrations are naturally occurring within the Basin, it is believed that management of groundwater levels may help improve TDS concentration levels towards levels reflective of the natural condition.

#### **5.5.1 – Threshold Regions**

~~Groundwater quality monitoring does not use threshold regions, because the same approach is used for all wells in the Basin. Figure 5-3 shows groundwater quality representative well locations in the Basin.~~



~~Figure 5-3-~~ The CBGSA will continue to monitor TDS and utilize the undesirable results statement and UR triggers identified in Section 3.2.4 to determine the appropriate actions and timing of applicable actions to address water quality concerns. As discussed in Section 7.6 Adaptive Management, the CBGSA has also set adaptive management triggers. Adaptive management triggers are thresholds that, if reached, initiate the process for considering implementation of adaptive management actions or projects. During GSP implementation, regular monitoring reports will be prepared for the CBGSA that summarize and provide updates on groundwater conditions, including groundwater quality.

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### **Nitrates and Arsenic**

Nitrates are the result of fertilizer application on agricultural land. The CBGSA does not have the regulatory authority granted through SGMA to regulate the application of fertilizer. This regulatory authority is held by the SWRCB through the Irrigated Lands Regulatory Program (ILRP). The CBGSA can encourage agricultural users in the Basin to use best management practices when using fertilizers but cannot limit their use. Because the CBGSA has no mechanism to directly control nitrate concentrations, the GSA believes that setting thresholds for nitrates is not appropriate. However, it should be noted that GSP implementation will likely have an indirect effect on nitrates in the central portion of the Basin due to the reduction in pumping allocations that were included in the GSP. This will likely reduce the application of fertilizers in the central part of the Basin as agricultural production in the Basin is reduced over time.

Similarly, because arsenic is naturally occurring, the CBGSA does not believe the establishment of thresholds for arsenic is appropriate. As shown in Figure 2-79, wells with high arsenic concentrations are located in a relatively small area of the Basin south of New Cuyama. A review of production well data provided by the counties (discussed in Section 2) indicates that there are no active private domestic wells located in this part of the Basin. The only operational public well that is located in this part of the Basin serves the Cuyama Community Services District (CCSD). As described in Chapter 7, the CCSD is currently pursuing the drilling of a new production well, which was included as a project in the GSP. Once this well is completed, it is not believed that any domestic water users will be using a well that accesses groundwater with known high arsenic concentrations.

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### **Monitoring Approach for Nitrates and Arsenic**

The CBGSA will continue to coordinate and work with the Regional Water Quality Control Board and other responsible regulatory programs on a regular basis for the successful and sustainable management of water resources that protect against undesirable conditions related to nitrates and arsenic. As discussed in Chapter 4, the CBGSA will take nitrate and arsenic measurements once every five years as part of its monitoring program and will use existing monitoring programs for nitrates and arsenic, in particular ILP for nitrates and USGS for arsenic.

**In the event groundwater conditions related to nitrate and arsenic begin to impact the beneficial uses and users of groundwater in the Basin, the CBGSA will notify the appropriate regulatory program and/or agency and initiate more frequent coordination to address those conditions and support their regulatory actions to address those conditions. If undesirable groundwater**



conditions for nitrate and arsenic are found to be the result of Basin management by the CBGSA, a process may be developed to help mitigate or assist those uses and users by utilizing adaptive management strategies, including pumping management or well rehabilitation or replacement. At this time, however, the CBGSA will rely on the current processes and programs set forth to manage nitrate and arsenic in a sustainable manner.Groundwater Quality Representative Wells





### 5-5.25.5.1 Proxy Monitoring

Proxy monitoring is not used for groundwater quality monitoring in the Basin.

### 5-5.35.5.2 Minimum Thresholds, Measurable Objectives, and Interim Milestones

The CBGSA has decided to address TDS within the Basin by setting MTs, MOs, and IMs as shown in **Table 5-2**. TDS does not have a primary maximum contaminant level (MCL), but does have both a California Division of Drinking Water and U.S. Environmental Protection Agency. Secondary standard of 500 milligrams per liter (mg/L), and a short-term standard of 1,500 mg/L. Current levels in the Basin range from 84 to 4,400 mg/L. This is due to saline conditions in the portions of the watershed where rainfall percolates through marine sediments that contain large amounts of salt.

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Due to this natural condition, additional data **has been and will continue to** be collected during GSP implementation to increase the CBGSA's understanding of TDS sources in the Basin. It should be noted however, that TDS levels in groundwater may not detrimentally impact the agricultural economy of the Basin. Much of the crops grown in the Basin, including carrots, are not significantly affected by the kinds of salts in the Basin.

Due to these factors, the MT for representative well sites was set to be the 20 percent of the total range of each representative monitoring site above the 90<sup>th</sup> percentile of measurements for each site. For example, Opti Well 72 has a minimum recorded TDS value of 955 mg/L and a maximum of 1,020 mg/L. This is a range of 65 mg/L, and 20 percent of that range is 13 mg/L. The 90<sup>th</sup> percentile for Opti Well 72 is 1,010 mg/L. The MT is then calculated by taking the 90<sup>th</sup> percentile of 1,010 mg/L and adding 13mg/L to reach a final MT of 1,023 mg/L.

To provide for an acceptable margin of operational flexibility, the MO for TDS levels in the Basin have been set to the temporary MCL of 1,500 mg/L for each representative well where the latest measurements as of 2018 are greater than 1,500 mg/L. For wells with recent measurements of less than 1,500 mg/L, the MO was set to the most recent measurement as of 2018.

GSP regulations require GSAs to avoid undesirable results by 2040, which means they must meet or exceed the MTs. The CBGSA also recognizes that reaching an MO is a priority, but meeting or exceeding the MT is required by SGMA. For this reason, the IMs for 2025 has been set as the same value as the MT, with a projected improvement to one-third of the distance between the MT and MO in 2030 and one-half of the distance between the MT and MO in 2035.



Table 5-2: MOs, MTs, and Interim Milestones for Groundwater Quality Representative Sites - TDS

Opti Well	Well Depth (feet below GSE)	Screen Interval (feet below GSE)	Well Elevation (feet above MSL)	Most Recent Measurement (feet)	Minimum Value (mg/L)	Maximum Measurement Value (mg/L)	20% of Range (mg/L)	90 <sup>th</sup> Percentile (mg/L)	MO (mg/L)	MT (mg/L)	2025 I M (mg/L)	2030 I M (mg/L)	2035 IM (mg/L)
61	357	Unkn own	<del>36813</del> <del>,684</del>	585	<del>10004</del> <del>68</del>	<del>896602</del>	<del>793</del> <del>26.8</del>	<del>68958</del> <del>8.4</del>	685	645.2	645	605	600
72	790	340 – 350	<del>21712</del> <del>,174</del>	<del>900996</del>	<del>11069</del> <del>55</del>	<del>105540</del> <del>20</del>	<del>100</del> <del>343</del>	<del>95240</del> <del>40</del>	996	4,023	4023	4014	4010
73	880	Unkn own	<del>2,252</del>	805	<del>777</del>	844	43.4	<del>842.5</del>	805	855.9	856	839	830
74	--	Unkn own	<del>21932</del> <del>,193</del>	<del>13104,5</del> <del>50</del>	<del>18724</del> <del>,530</del>	<del>17324,8</del> <del>20</del>	<del>159</del> <del>158</del>	<del>14514</del> <del>775</del>	4,500	4,833	4833	4722	4667
76	720	Unkn own	<del>2,277</del>	4,700	4,280	2,400	482	<del>2,124.</del> <del>9</del>	4,500	2,306. 9	2307	2038	4903
77	980	960 – 980	<del>22862</del> <del>,286</del>	<del>1,12052</del> <del>0</del>	<del>16824</del> <del>,520</del>	<del>15424,5</del> <del>80</del>	<del>140</del> <del>142</del>	<del>12614</del> <del>580</del>	4,500	4,592	4592	4564	4546
79	600	Unkn own	<del>23742</del> <del>,374</del>	2,140	4,840	2,280	94	2226	1,500	<del>23182,</del> <del>320</del>	<del>21142</del> <del>320</del>	<del>19092</del> <del>047</del>	<del>17054940</del>
84	455	Unkn own	<del>2,698</del>	2,620	2,620	2,760	28	2760	4,500	2,788	2788	2350	2144

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**Table 5-2: MOs, MTs, and Interim Milestones for Groundwater Quality Representative Sites - TDS**

Opti Well	Well Depth (feet below GSE)	Screen Interval (feet below GSE)	Well Elevation (feet above MSL)	Most Recent Measurement (feet)	Minimum Value (mg/L)	Maximum Measurement Value (mg/L)	20% of Range (mg/L)	90 <sup>th</sup> Percentile (mg/L)	MO (mg/L)	MT (mg/L)	2025 I M (mg/L)	2030 I M (mg/L)	2035 IM (mg/L)		
83	198	Unkn own	28582,858	1,120660	18164,660	16421,720	146842	12944,744	1,500	1,726	1726	1654	1613		
85	233	Unkn own	3,047	618	491	1,500	201,8	1,189,4	618	1,391,2	1394	1133	1005		
86	230	Unkn own	3,144	969	912	969	11.4	963.3	969	974.7	975	973	972		
87	232	Unkn own	3,546	1,090	891	1,160	53.8	1,114	1,090	1,164,8	1165	1140	1127		
88	400	Unkn own	35493,549	320302	10003,02	830302	6600	49030,2	302	302	302	302	302		
90	800	Unkn own	25522,552	1,400530	15961,440	1,580	28	1,565	1,500	1,593	1593	1562	1547	1498	1449
91	980	960 – 980	24742,474	1,020410	15581,410	14241,480	128944	11551,473	1,410	1,487	1487	1461	1449		
94	550	Unkn own	2,456	1,050	1,050	1,230	36	1,209	1,050	1,245	1245	1180	1148		
95	805	Unkn own	24492,449	13401,740	19501,740	17981,840	164526	14931,840	1,500	1,866	1866	1744	1683		

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Table 5-2: MOs, MTs, and Interim Milestones for Groundwater Quality Representative Sites - TDS

Opti Well	Well Depth (feet below GSE)	Screen Interval (feet below GSE)	Well Elevation (feet above MSL)	Most Recent Measurement (feet)	Minimum Value (mg/L)	Maximum Measurement Value (mg/L)	20% of Range (mg/L)	90 <sup>th</sup> Percentile (mg/L)	MO (mg/L)	MT (mg/L)	2025 I M (mg/L)	2030 I M (mg/L)	2035 IM (mg/L)	
96	500	Unknown	<del>26062</del> 26062,606	<del>11004,5</del> 11004,500	<del>16764</del> 16764,500	<del>15324,6</del> 15324,620	<del>138</del> 138,824	<del>12444</del> 12444,608	1,500	1,632	1632	1588	1566	
98	750	Unknown	2,688	2,220	2,220	2,370	30	2,370	1,500	2,400	2400	2100	1950	
99	750	730 – 750	<del>25132</del> 25132,543	<del>1,14049</del> 1,140490	<del>16584</del> 16584,490	<del>15294,5</del> 15294,550	<del>139</del> 139,942	<del>12704</del> 12704,550	1,490	1,562	1562	1538	1526	
101	200	Unknown	<del>27412</del> 27412,744	<del>12104,5</del> 12104,550	<del>17354</del> 17354,550	<del>16044,6</del> 16044,680	<del>147</del> 147,326	<del>13414</del> 13414,667	1,500	1,693	1693	1629	1597	
102	--	Unknown	<del>20462</del> 20462,046	1,970	1,920	2,290	74	2,277	1,500	<del>25512</del> 25512,354	<del>22882</del> 22882,354	<del>20262</del> 20262,067	<del>17631926</del> 17631926	
130	--	Unknown	3,536	1,800	1,800	1,850	40	1,845	1,500	1,855	1855	1737	1678	
131	--	Unknown	2,990	1,850	1,850	1,970	24	1,958	1,500	1,982	1982	1824	1744	
157	71	Unknown	<del>37553</del> 37553,755	1,930	1,940	2,320	82	2,278	1,500	<del>12,360</del> 12,360	<del>24682</del> 24682,360	<del>21912</del> 21912,073	<del>191449</del> 191449,30	1637
196	744	Unknown	3,117	854	682	868	37.2	866.5	854	903.7	904	886	877	

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Table 5-2: MOs, MTs, and Interim Milestones for Groundwater Quality Representative Sites - TDS

Opti Well	Well Depth (feet below GSE)	Screen Interval (feet below GSE)	Well Elevation (feet above MSL)	Most Recent Measurement (feet)	Minimum Value (mg/L)	Maximum Measurement Value (mg/L)	20% of Range (mg/L)	90 <sup>th</sup> Percentile (mg/L)	MO (mg/L)	MT (mg/L)	2025 I M (mg/L)	2030 I M (mg/L)	2035 IM (mg/L)
204	--	Unknown	<del>36933</del> 36933,693	<del>380253</del> 380253	<del>1000253</del> 1000253	<del>845266</del> 845266	<del>690</del> 690/2.6	<del>535266</del> 535266	253	268.6	269	263	261
226	--	Unknown	2,945	1,760	1,760	1,830	44	1,830	1,500	1,844	1844	1720	1672
<del>242</del> 227	<del>155</del>	Unknown	<del>29333</del> 29333,902	1,780	<del>16564</del> 16564,780	<del>14372,2</del> 14372,200	<del>121</del> 121/884	<del>9992,4</del> 9992,446	1,500	2,230	2230	1987	1865
242	155	Unknown	2,933	1,470	1,470	1,510	8	1,510	1,470	1,518	1518	1502	1494
269	--	Unknown	2,756	1,570	1,570	1,690	24	1,678	1,500	1,702	1702	1635	1604
309	1,100	Unknown	2,513	1,410	1,410	1,500	48	1,494	1,410	1,509	1509	1476	1460
316	830	Unknown	<del>24742</del> 24742,474	<del>1,06038</del> 1,060380	<del>15244</del> 15244,380	<del>14081,4</del> 14081,460	<del>129</del> 129/246	<del>11764</del> 11764,452	1,380	1,468	1468	1439	1424
317	700	Unknown	<del>24742</del> 24742,474	<del>6921,26</del> 6921,260	<del>14441</del> 14441,260	<del>12561,3</del> 12561,330	<del>106</del> 106/844	<del>8804,3</del> 8804,323	1,260	1,337	1337	1311	1299
<del>322</del> 318	<del>85064</del> 0	Unknown	<del>25132</del> 25132,474	1,080	1,080	1,140	<del>1504</del> 1504/42	<del>14134</del> 14134,140	<del>13224</del> 13224,080	<del>12314</del> 12314,152	1152	1128	1116

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**Table 5-2: MOs, MTs, and Interim Milestones for Groundwater Quality Representative Sites - TDS**

Opti Well	Well Depth (feet below GSE)	Screen Interval (feet below GSE)	Well Elevation (feet above MSL)	Most Recent Measurement (feet)	Minimum Value (mg/L)	Maximum Measurement Value (mg/L)	20% of Range (mg/L)	90 <sup>th</sup> Percentile (mg/L)	MO (mg/L)	MT (mg/L)	2025 I M (mg/L)	2030 I M (mg/L)	2035 IM (mg/L)
322	850	Unknown	2,513	1,350	1,350	1,380	6	1,380	1,350	1,386	1386	1374	1368
324	560	Unknown	25132,513	740746	1000746	935772	8705.2	805772	746	777.2	777	767	762
325	380	Unknown	25132,513	1,070470	16874,470	15331,560	137848	12244,554	1,470	1,569	1569	1536	1520
400	2,120	Unknown	2,298	918	680	948	53.6	922	918	975.6	976	956	947
420	780	Unknown	22862,286	1,080430	15604,430	14401,480	132040	12004,480	1,430	1,490	1490	1470	1460
421	620	Unknown	22862,286	1,280520	17611,520	16401,600	152046	14004,600	1,500	1,616	1616	1577	1558
422	460	Unknown	2,286	1,810	1,810	1,930	24	1,918	1,500	1,942	1942	1795	1724
424	10004,000	Unknown	22912,294	1,260540	16584,540	1,580	8	1,580	1,500	1,588	1588	1559	14594544, 1360
467	11404,140	Unknown	22242,224	10704,630	18464,530	16521,730	145840	12644,724	1,500	1,764	1764	1676	1632

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**Table 5-2: MOs, MTs, and Interim Milestones for Groundwater Quality Representative Sites - TDS**

Opti Well	Well Depth (feet below GSE)	Screen Interval (feet below GSE)	Well Elevation (feet above MSL)	Most Recent Measurement (feet)	Minimum Value (mg/L)	Maximum Measurement Value (mg/L)	20% of Range (mg/L)	90 <sup>th</sup> Percentile (mg/L)	MO (mg/L)	MT (mg/L)	2025 I M (mg/L)	2030 I M (mg/L)	2035 IM (mg/L)
568	188	Unknown	1,905.4	860.74	111.874	1,054.1480	98.648	925.429.6	874	1,194.4	1194	1085	1034
702	—	Unknown	3,539	110	48	1,900	370.4	1,704	110	2,074.4	2074	1420	1092
703	—	Unknown	1,613	400	16	4,500	896.8	3,200	400	4,096.8	4097	2865	2248
710	—	Unknown	2,942	1,040	1,040	1,040	0	1,040	1,040	1,040	1040	1040	1040
711	—	Unknown	1,905	928	928	928	0	928	928	928	928	928	928
712	—	Unknown	2,171	977	972	977	1	9,76.5	977	977.5	978	977	977
713	—	Unknown	2,456	1,200	1,200	1,200	0	1,200	1,200	1,200	1200	1200	1200
721	—	Unknown	2,374	2,170	2,170	2,170	0	2,170	1,500	2,170	2170	1947	1835
758	—	Unknown	3,537	900	760	923	32.6	9,21.7	900	954.3	954	936	927



**Table 5-2: MOs, MTs, and Interim Milestones for Groundwater Quality Representative Sites - TDS**

Opti Well	Well Depth (feet below GSE)	Screen Interval (feet below GSE)	Well Elevation (feet above MSL)	Most Recent Measurement (feet)	Minimum Value (mg/L)	Maximum Measurement Value (mg/L)	20% of Range (mg/L)	90 <sup>th</sup> Percentile (mg/L)	MO (mg/L)	MT (mg/L)	2025 I M (mg/L)	2030 I M (mg/L)	2035 IM (mg/L)
840	900	200—880	1,713	559	559	559	0	559	559	559	559	559	559
841	600	170 – 580	<u>17614</u> <u>,764</u>	561	<u>10005</u> <u>64</u>	<u>890564</u>	<u>781</u> <u>0</u>	<u>67156</u> <u>4</u>	564	564	564	564	564
842	450	60—430	1,759	547	547	547	0	547	547	547	547	547	547
843	620	60—600	1,764	569	569	569	0	569	569	569	569	569	569
844	730	100—720	1,713	484	484	484	0	484	484	484	484	484	484
845	380	100 – 360	<u>17124</u> <u>,712</u>	1,250	<u>12504</u> <u>,250</u>	1,250	0	1,250	1,250	1,250	1250	1250	1250
846	610	130—590	1,715	918	918	918	0	918	918	918	918	918	918
847	600	180—580	1,733	480	480	480	0	480	480	480	480	480	480
848	390	110—370	1,694	674	674	674	0	674	674	674	674	674	674

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**Table 5-2: MOs, MTs, and Interim Milestones for Groundwater Quality Representative Sites - TDS**

Opti Well	Well Depth (feet below GSE)	Screen Interval (feet below GSE)	Well Elevation (feet above MSL)	Most Recent Measurement (feet)	Minimum Value (mg/L)	Maximum Measurement Value (mg/L)	20% of Range (mg/L)	90 <sup>th</sup> Percentile (mg/L)	MO (mg/L)	MT (mg/L)	2025 I M (mg/L)	2030 I M (mg/L)	2035 IM (mg/L)
849	570	150—550	1,713	1,780	1,780	1,780	0	1,780	1,500	1,780	1780	1687	1640
850	790	180—780	1,759	472	472	472	0	472	472	472	472	472	472





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## 5.6 Subsidence

The undesirable result for land subsidence is a result that causes significant and unreasonable reduction in the viability of the use of infrastructure over the planning and implementation horizon of this GSP.

### 5.6.1 Threshold Regions

~~Subsidence monitoring does not use threshold regions, because the same approach is used for all wells in the Basin.~~

~~Figure 5-4 shows representative locations of subsidence in the Basin.~~

#### 5.6.25.6.1 Representative Monitoring

As discussed in ~~Chapter 4~~, Section 4.9, all monitoring network subsidence monitoring stations in the Basin, and three additional sites outside of the Basin are designated as representative monitoring sites. ~~(Figure 5-4)~~. Detrimental impacts of subsidence include groundwater storage reductions and potential damage to infrastructure, such as large pipelines, roads, bridges, and canals. However, the Basin does not currently have infrastructure of this type, and storage losses are small enough they are unlikely to have a meaningful effect on the Basin water budget.

Subsidence in the central portion of the Basin is approximately 0.95 inches per year, as shown in ~~Section Chapter 2, Section 2.2~~. Currently, there are no state, federal, or local standards that regulate subsidence rates.

#### 5.6.35.6.2 Minimum Thresholds, Measurable Objectives, and Interim Milestones

Although several factors may affect subsidence rates, including natural geologic processes, oil pumping, and groundwater pumping, the primary influence within the Basin is due to groundwater pumping. Because current subsidence rates (approximately 0.98 inches per year) are not significant and unreasonable, the MT rate for subsidence was set at 2 inches per year to allow for flexibility as the Basin works toward sustainability in 2040. This rate is applied primarily to the two stations in the Basin (CUHS and VCST), as the other stations in the monitoring network represent ambient changes in vertical displacement, primarily due to geological influences. This level of subsidence is considered unlikely to cause a significant and unreasonable reduction in the viability of the use of infrastructure over the planning and implementation horizon of this GSP.

Subsidence is expected to be influenced through the management of groundwater pumping through the groundwater level MOs, MTs, and IMs. Thus, the MO for subsidence is set for zero lowering of ground surface elevations.



IMs are not needed for the subsidence sustainability indicator because the current rate of subsidence is above the MT.

Subsidence rates will be measured in the frequency of measurement and monitoring protocols documented in Section 4's Appendix A.





**Figure 5-4: Subsidence Representative Locations**



## 5.7 Depletions of Interconnected Surface Water

~~This section will be developed once guidance documents are available from DWR. The undesirable result for depletions of interconnected surface water is a result that causes significant and unreasonable reductions in the viability of agriculture or riparian habitat in the Basin over the planning and implementation horizon of this GSP.~~

~~SGMA regulations define the MT for interconnected surface water as “...the rate or volume of surface water depletions caused by groundwater use that has adverse impacts on the beneficial uses of the surface water and may lead to undesirable results.” Under normal surface water conditions in the Basin as of January 1, 2015, surface flows infiltrate into the groundwater system and are used by phreatophytes, except in the most extreme flash flood events, when surface water flows out of the Basin. Historically, these flash flood events flow for less than one week of the year. Conditions have not changed since January 1, 2015, and surface flows continue to infiltrate into the groundwater system for use by local phreatophytes.~~

~~Because current Basin conditions have not varied from January 1, 2015 conditions, the groundwater level thresholds established in Section 5.2 will act to maintain depletions of interconnected surface water at similar levels to those that existed in January 1, 2015. Therefore, groundwater level thresholds are used by proxy to protect the Basin from undesirable results related to depletion of interconnected surface water.~~

## 5.8 References

California Water Boards Irrigated Land Regulatory Program (ILRP) website.

[https://www.waterboards.ca.gov/centralvalley/water\\_issues/irrigated\\_lands/](https://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/). Accessed January 11, 2019.



TO: Board of Directors  
Agenda Item No. 13a

FROM: Jim Back, Executive Director

DATE: May 1, 2024

SUBJECT: Report of the Executive Director

**Recommended Motion**

None – information only.

**Discussion**

Progress and next steps for the Hallmark Group for February and March 2024, and an overview of consultant budget-to-actuals are provided as Attachment 1.



Cuyama Basin Groundwater Sustainability Agency

13a. Report of the Executive Director

Jim Beck

May 1, 2024





# February and March 2024 Accomplishments & Next Steps

## Accomplishments

- ✓ Developed 2023 Central Management Allocation Report
- ✓ Facilitated Tech Forum meeting on February 15, 2024
- ✓ Developed GSA SAC Packet for February 29, 2024
- ✓ Facilitated SAC meeting on February 29, 2024
- ✓ Developed GSA Board Packet for March 6, 2024
- ✓ Facilitated Regular Board meeting on March 6, 2024
- ✓ Coordinate Form 700s
- ✓ Refined FY 2024-2025 Budget Components

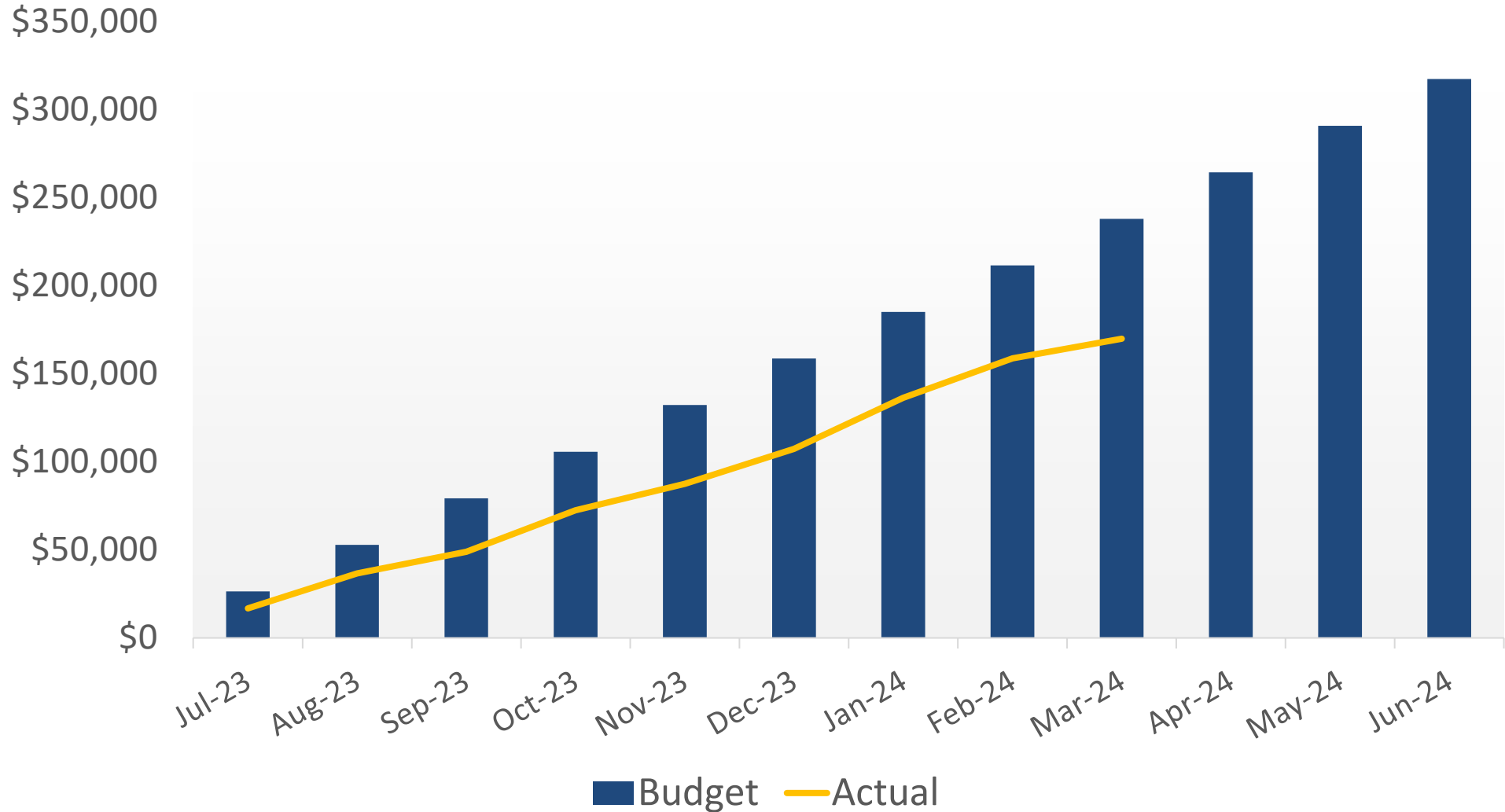
## Next Steps

- Prepare for Cuyama Basin GSA SAC meeting on April 25, 2024
- Prepare for Cuyama Basin GSA Board meeting on May 1, 2024



# Hallmark Group – Budget-to-Actuals

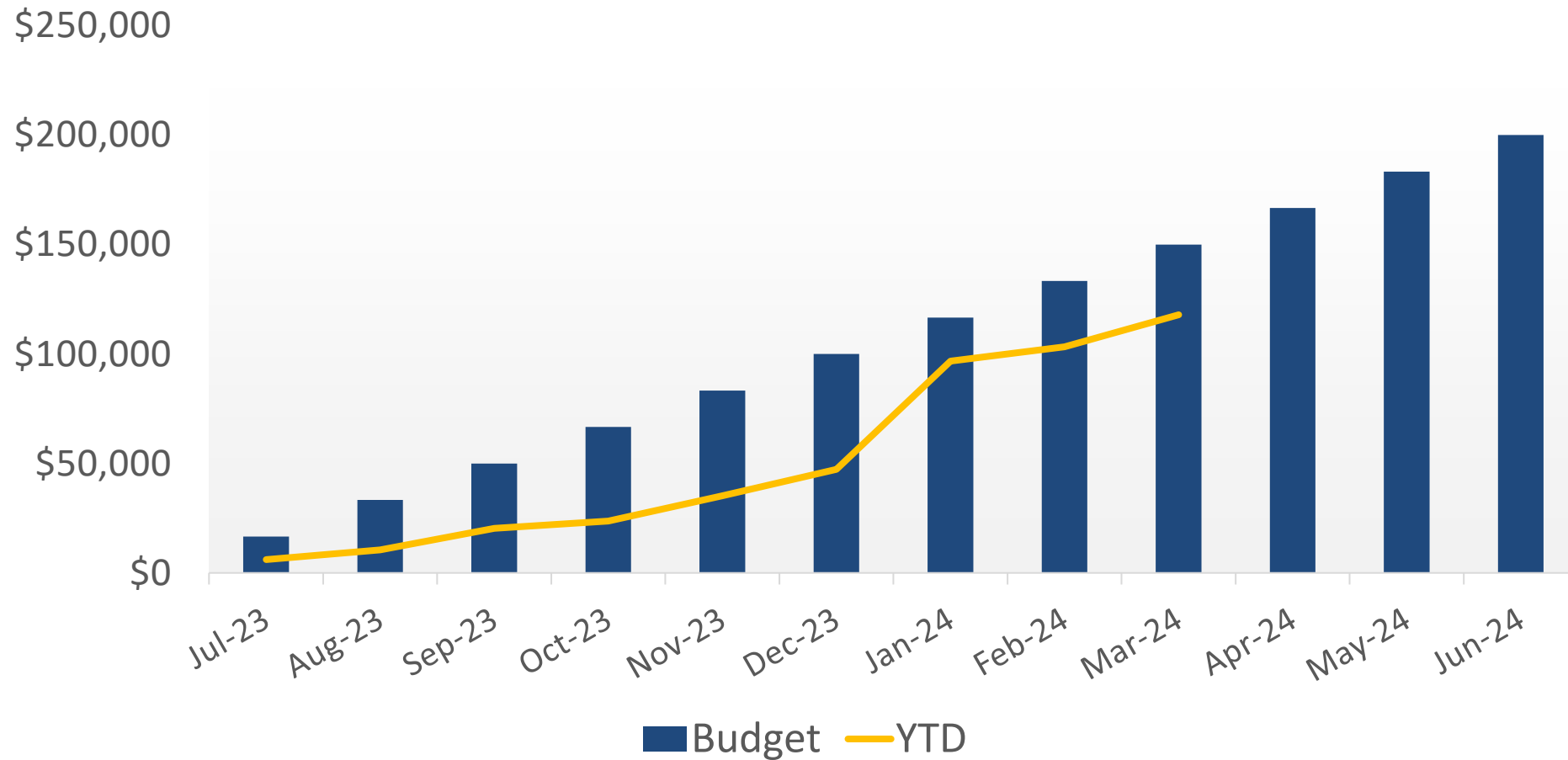
FY 23/24





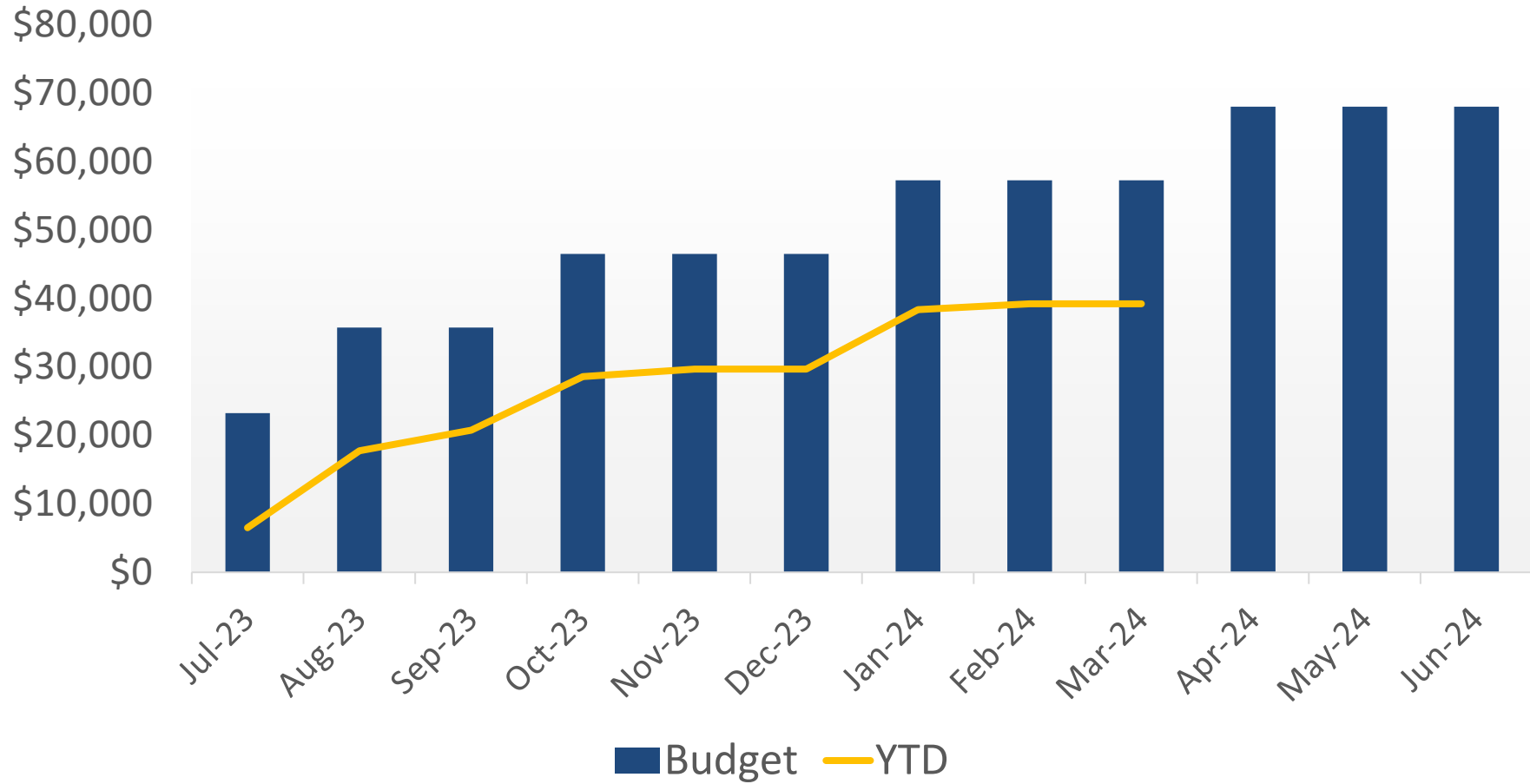
# Legal Counsel – Budget-to-Actuals

FY 23/24



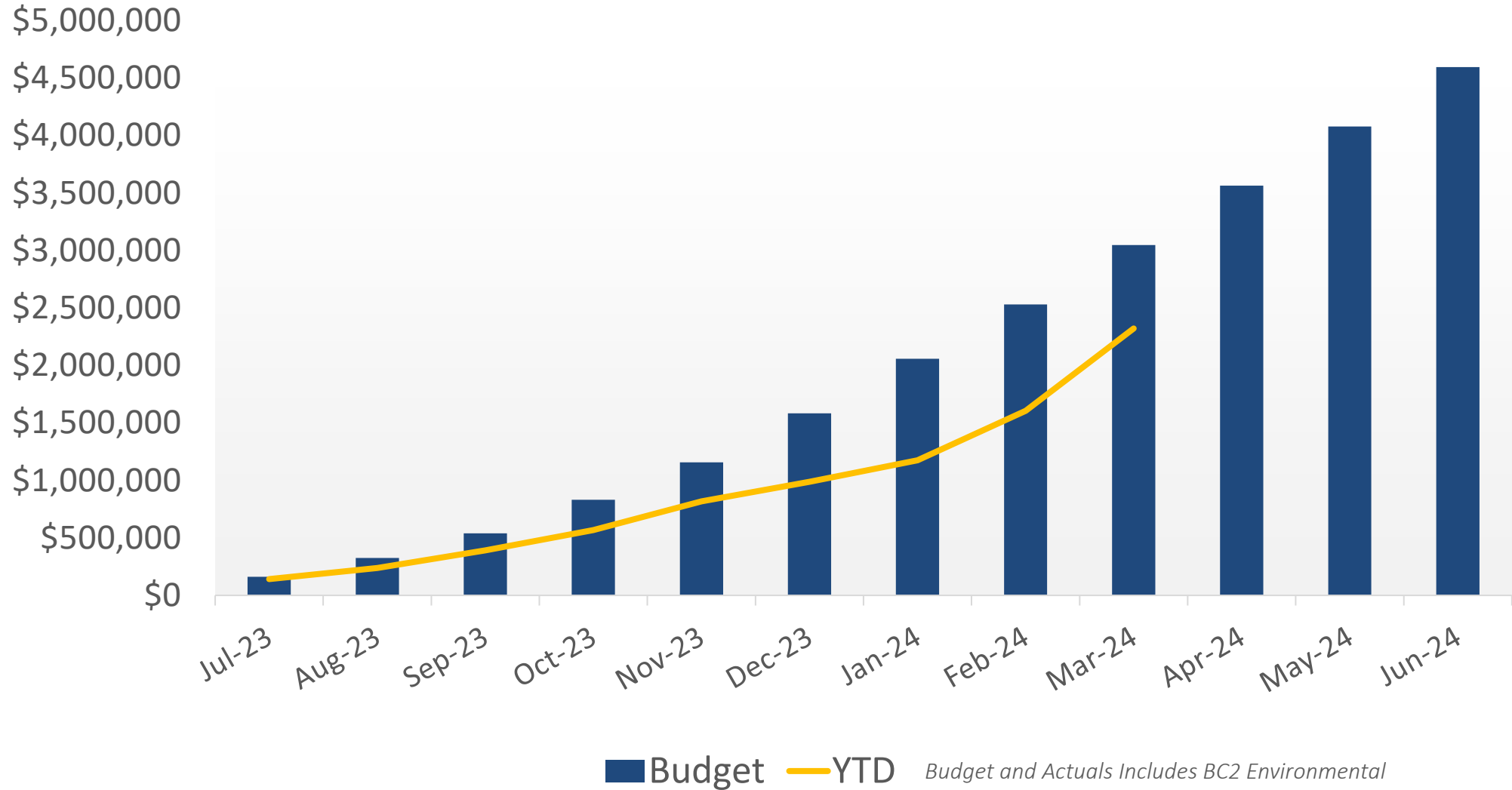
# Provost & Pritchard – Budget-to-Actuals

FY 23/24



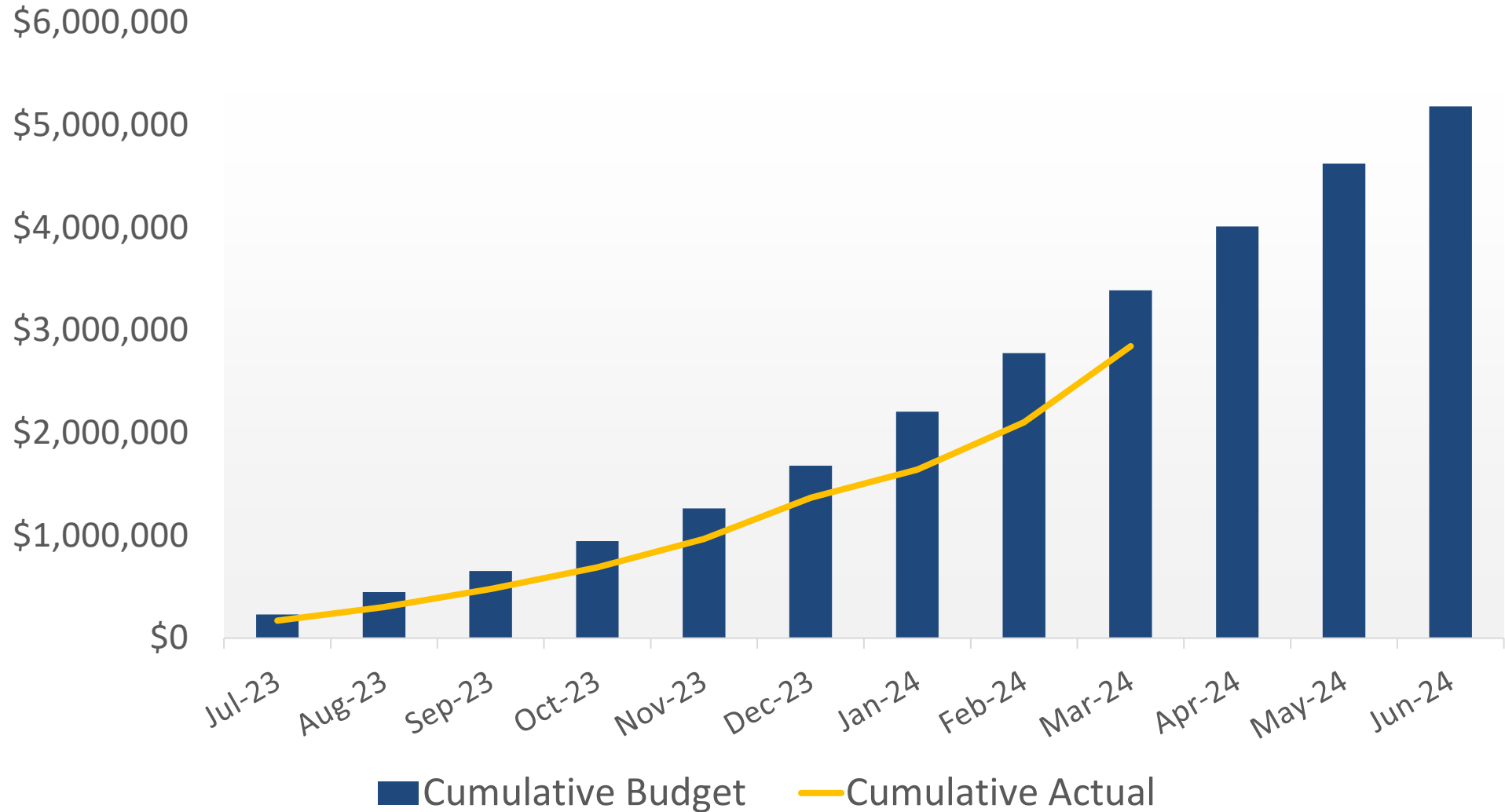
# Woodard & Curran – Budget-to-Actuals

FY 23/24

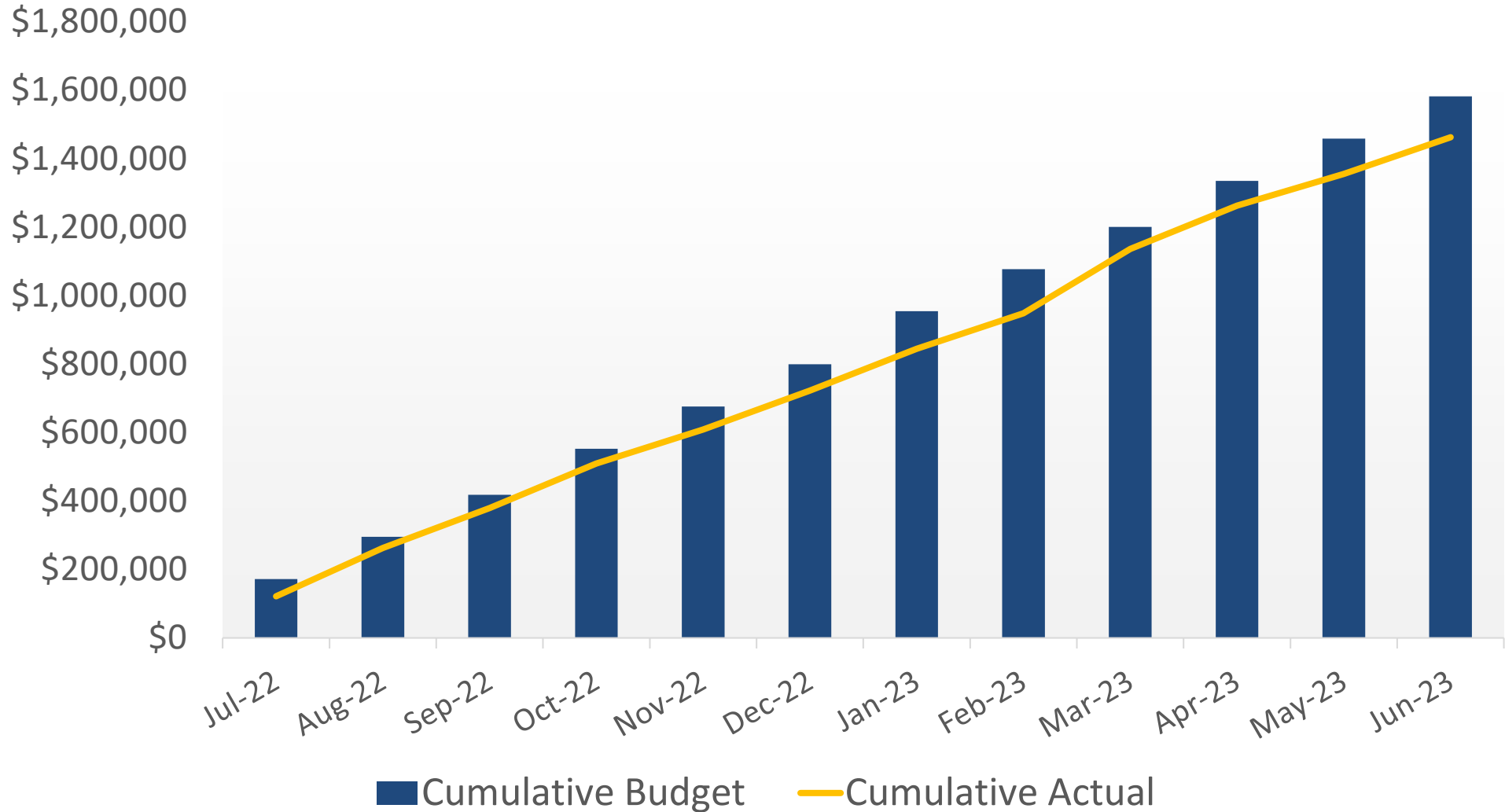




# CBGSA FY 23/24 – Budget-to-Actuals



# CBGSA FY 22/23 – Budget-to-Actuals





TO: Board of Directors  
Agenda Item No. 14a

FROM: Brian Van Lienden, Woodard & Curran

DATE: May 1, 2024

SUBJECT: Update on Fault Investigation Study

**Recommended Motion**

None – information only.

**Discussion**

An update on the fault investigation study is provided as Attachment 1.



Cuyama Basin Groundwater Sustainability Agency

14a. Update on Fault Investigation Study

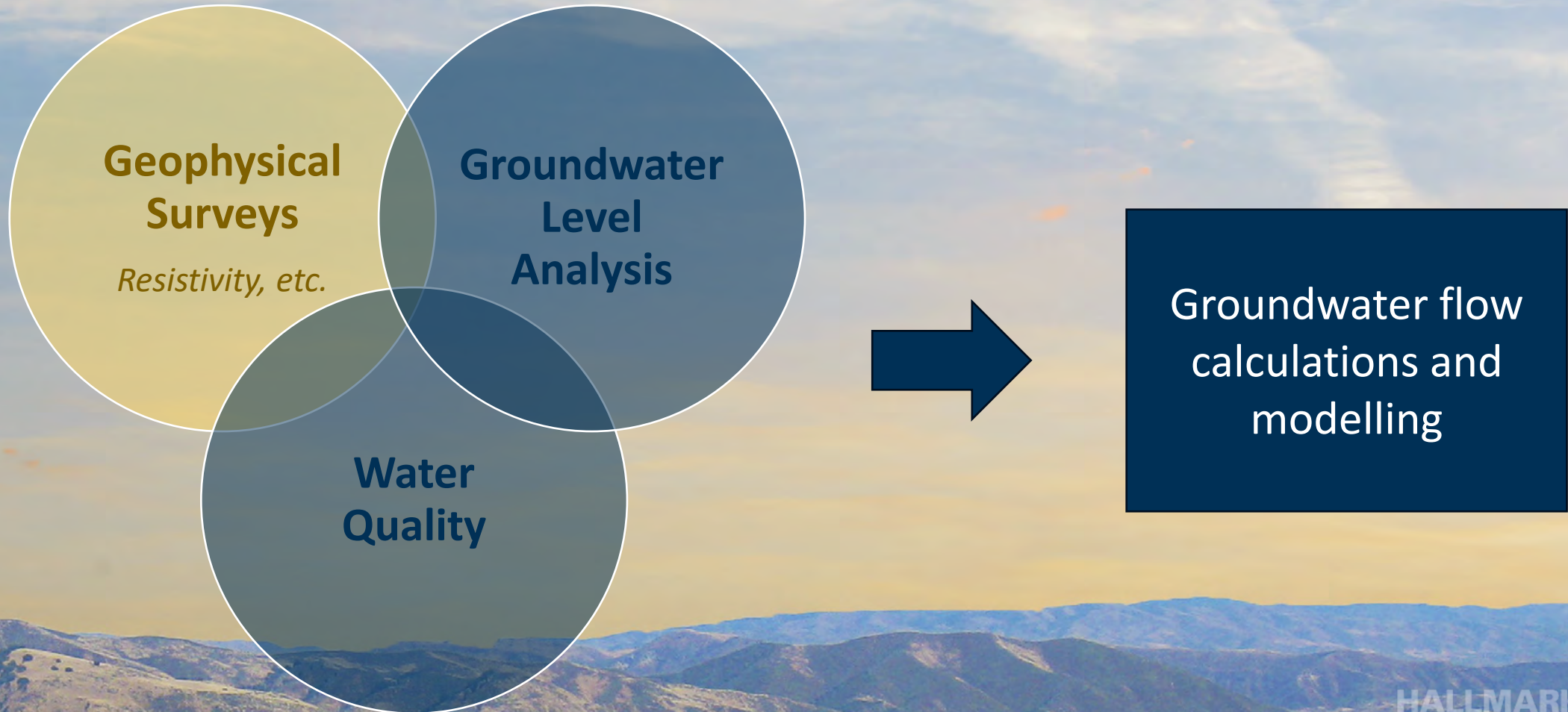
Brian Van Lienden

May 1, 2024



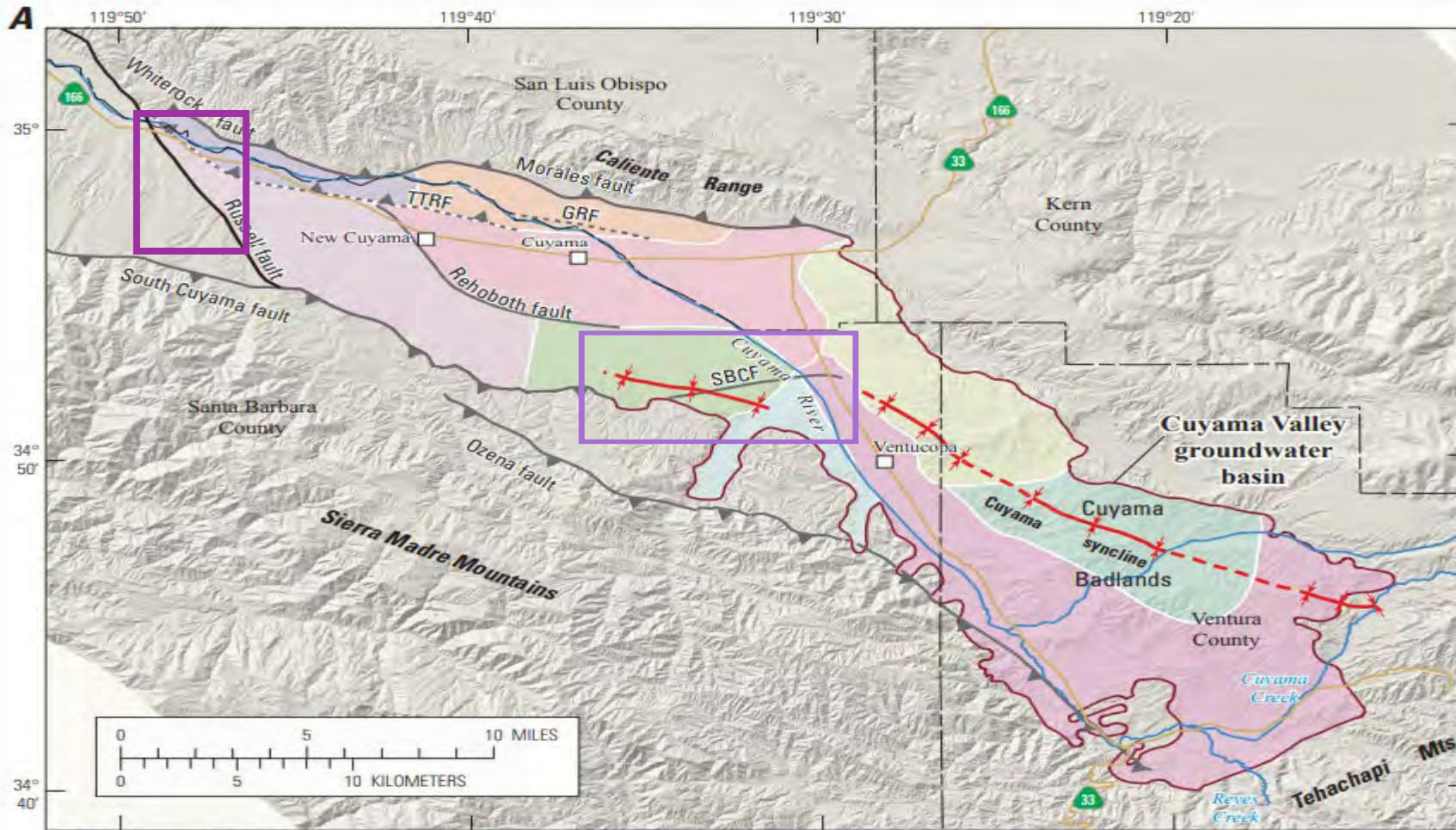


# Fault Investigation Methodology: Three-Pronged Approach





# Update on Streamlined Groundwater-Fault Interaction Investigation



Groundwater hydrologic subregions and related geologic structures; B, simplified Cuyama major groundwater regions; and C, groups of landscape water-balance subregions for 1943–2010 in Cuyama Valley, California (USGS, 2015)

**Cuyama groundwater basin subregions (table 1)**

- Caliente/Northern-Main (CNMZ)
- Central Sierra Madre Foothills (CSMFH)
- Northeast Ventucopa Uplands (NEVU)
- Northwestern Sierra Madre Foothills (NSMFH)
- Northern Ventucopa Uplands (NVU)
- Southern Sierra Madre Foothills (SSMFH)
- Southern Ventucopa Uplands (SVU)
- Southern-Main (SMZ)
- Western-Main (WMZ)

*See table 1 for subregion designation*

- Normal fault
- Thrust fault
- Thrust fault, concealed
- Syncline
- Syncline, concealed

GRF, Graveyard fault;  
SBCF, Santa Barbara Canyon fault;  
TTRF, Turkey Trap Ridge fault

Shaded relief base created from 30-m digital elevation model from USGS National Elevation Dataset (NED); North America Vertical Datum 1983 (NAVD83). Hydrology sourced from 1:24,000-scale National Hydrography Dataset, 1974-2009. Place names sourced from USGS Geographic Names Information System 1974-2009. Albers Projection, NAD83

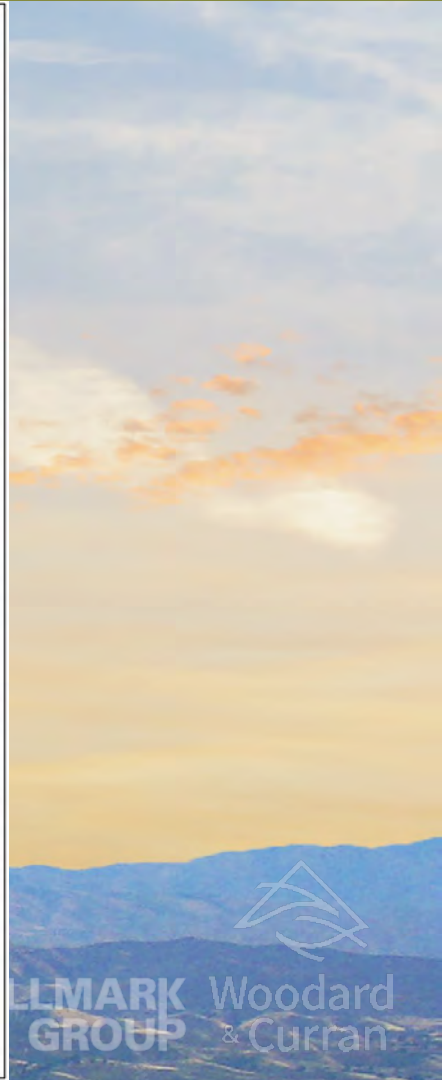
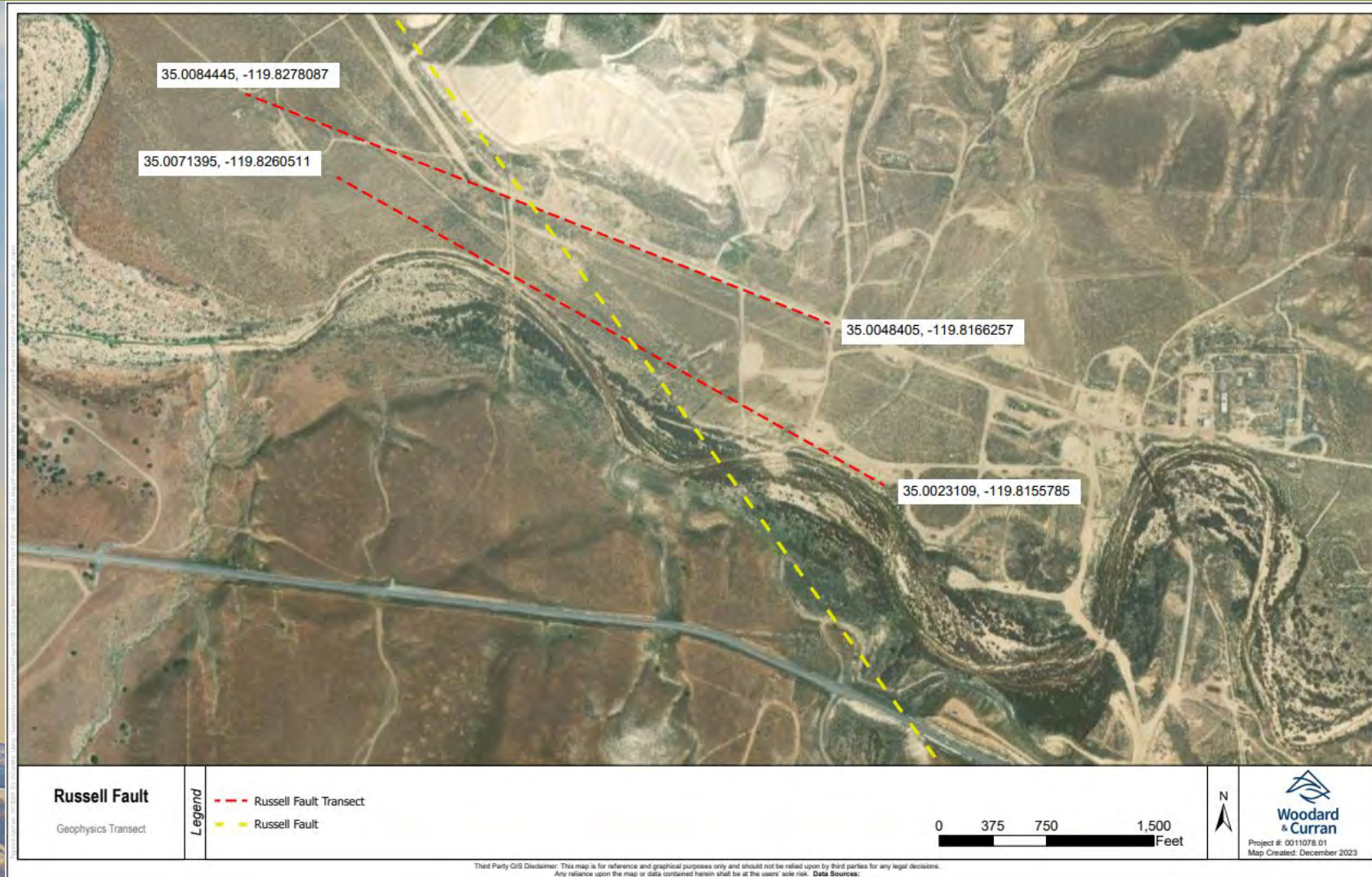


# Schedule

- SBC Fault survey completed mid-February
- Russell Fault survey in late March

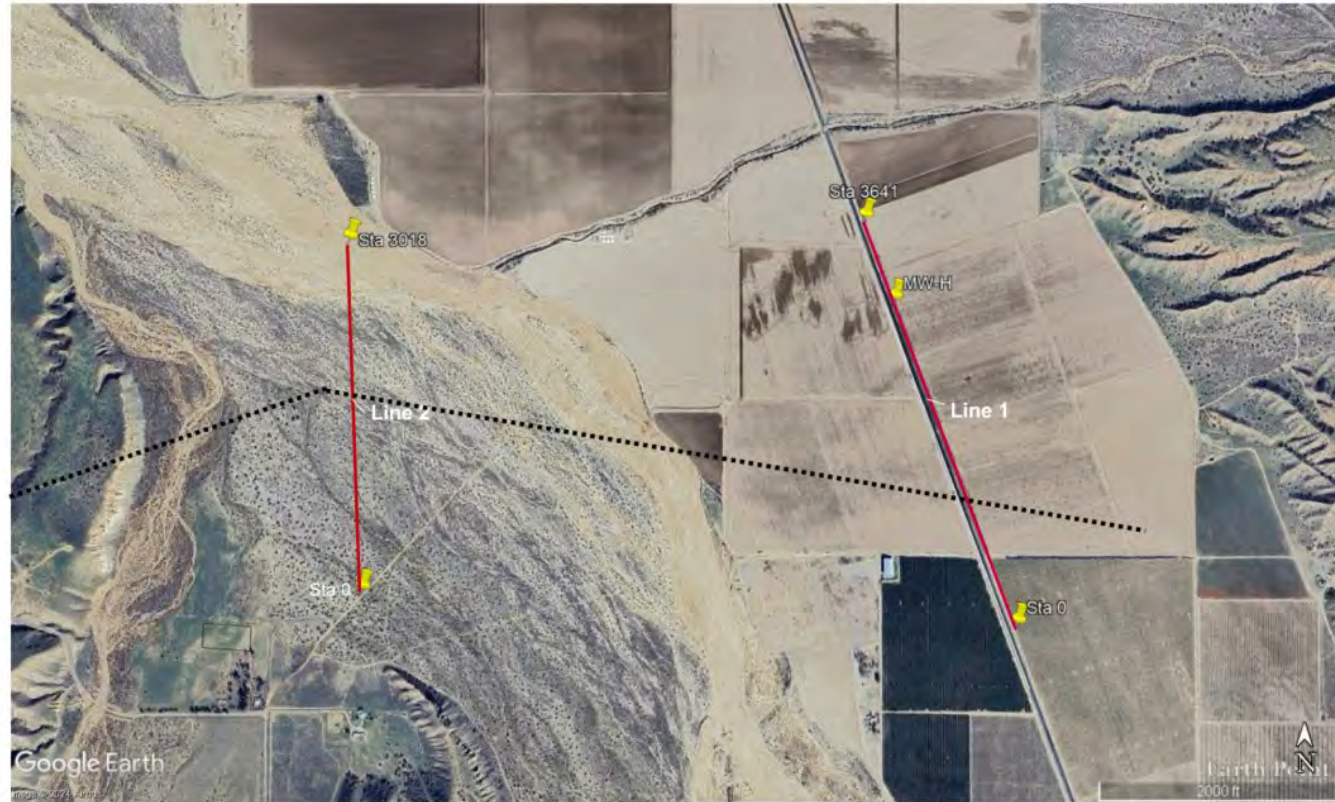


# Groundwater-Fault Interaction Investigation – Geophysical Surveys – Russell Fault





# Groundwater-Fault Interaction Investigation – Geophysical Surveys - SBC Fault



- Electrical Resistivity Transect
- - - - - SBC Fault Mapped by the USGS (Inferred)

	<b>Geophysical Survey Location Map - SBCF</b>			<b>1</b>
	PROJECT: Cuyama Valley Groundwater Basin San Luis Obispo County, California			
16691 GOTHARD STREET, SUITE L HUNTINGTON BEACH, CA 92647 (714) 435-1073 www.spectrum-geophysics.com	PROJECT: Woodward & Curran Walnut Creek, California		PROJECT NO.:	DATE:
SCALE: NOT TO SCALE	TITLE: BAJU	PREPARED BY: LCD	DATE: 04/02/24	





# SBC Fault Summary

- SBC Fault was not encountered at Line 1 along Highway 33
- SBC Fault apparently trends to the northeast rather than easterly as inferred by the USGS
- SBC Fault was encountered at Line 2 beneath the Cuyama River
- Appears to be vertical to subvertical steeply north-dipping
- Low resistivity data to the south juxtaposed with high resistivity to the north
- Another subvertical steeply dipping fault or fault splay to the north
- Depth to water appears to be offset across the fault and deeper to the north

# Next Steps

- Russell Fault/Fault Zone
  - Develop resistivity profiles for both transects (800 feet)
  - Review E logs and lith logs from nearby oil & gas wells and TSS #1
  - Review AEM data (both faults)
- Evaluate Available Groundwater Data in Investigation Areas
- Measure Groundwater Levels and Collect Samples
- Analyze Samples for:
  - Major cations (Ca, Mg, K, Na)
  - Major anions (HCO<sub>3</sub>, Cl, NO<sub>3</sub>, SO<sub>4</sub>, PO<sub>4</sub>, Br)
  - TDS
  - Stable and Radioactive Isotopes (hydrogen, oxygen, carbon)
- Groundwater flow calculations and modelling



# Tech Forum Feedback: 2-9-24

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<b>Comment by</b>	Bob Abrams, Aquilogic
<b>Comment</b>	Will there be an additional investigation to further evaluate the Santa Barbara Canyon fault location?
<b>Staff Notes</b>	NA

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TO: Board of Directors  
Agenda Item No. 14b

FROM: Brian Van Lienden, Woodard & Curran

DATE: May 1, 2024

SUBJECT: Update on Water Resources Model

**Recommended Motion**

None – information only.

**Discussion**

A presentation on the Water Resources Model update progress is provided as Attachment 1.

Cuyama Basin Groundwater Sustainability Agency

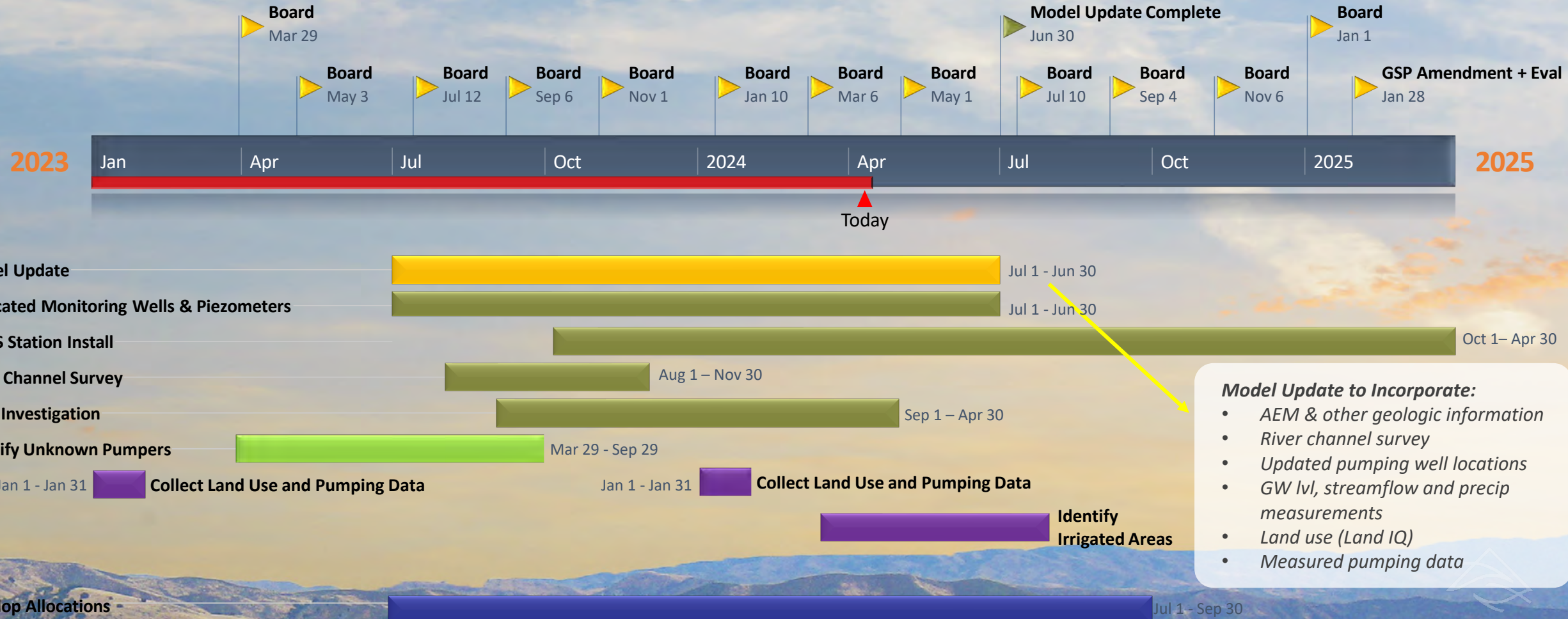
14b. Update on the Water Resources Basin Model  
Brian Van Lienden

May 1, 2024





# Schedule for Technical Work Required for GSP Amendment and Periodic Evaluation



**Model Update to Incorporate:**

- AEM & other geologic information
- River channel survey
- Updated pumping well locations
- GW lvl, streamflow and precip measurements
- Land use (Land IQ)
- Measured pumping data



# Cuyama Basin Model Update Timeline

- Feb-mid Apr: Develop Updated Model Inputs for Calibration Period:
  - River channel survey
  - Geologic layers
  - Pumping Well locations
  - Land Use
  - Crop water use estimates
- Mid Apr-May: Perform Re-Calibration of Model Parameters
- Mid June: Complete Future Baseline Simulations
- Mid-Late June: Technical Forum meeting (review calibration & Baseline)

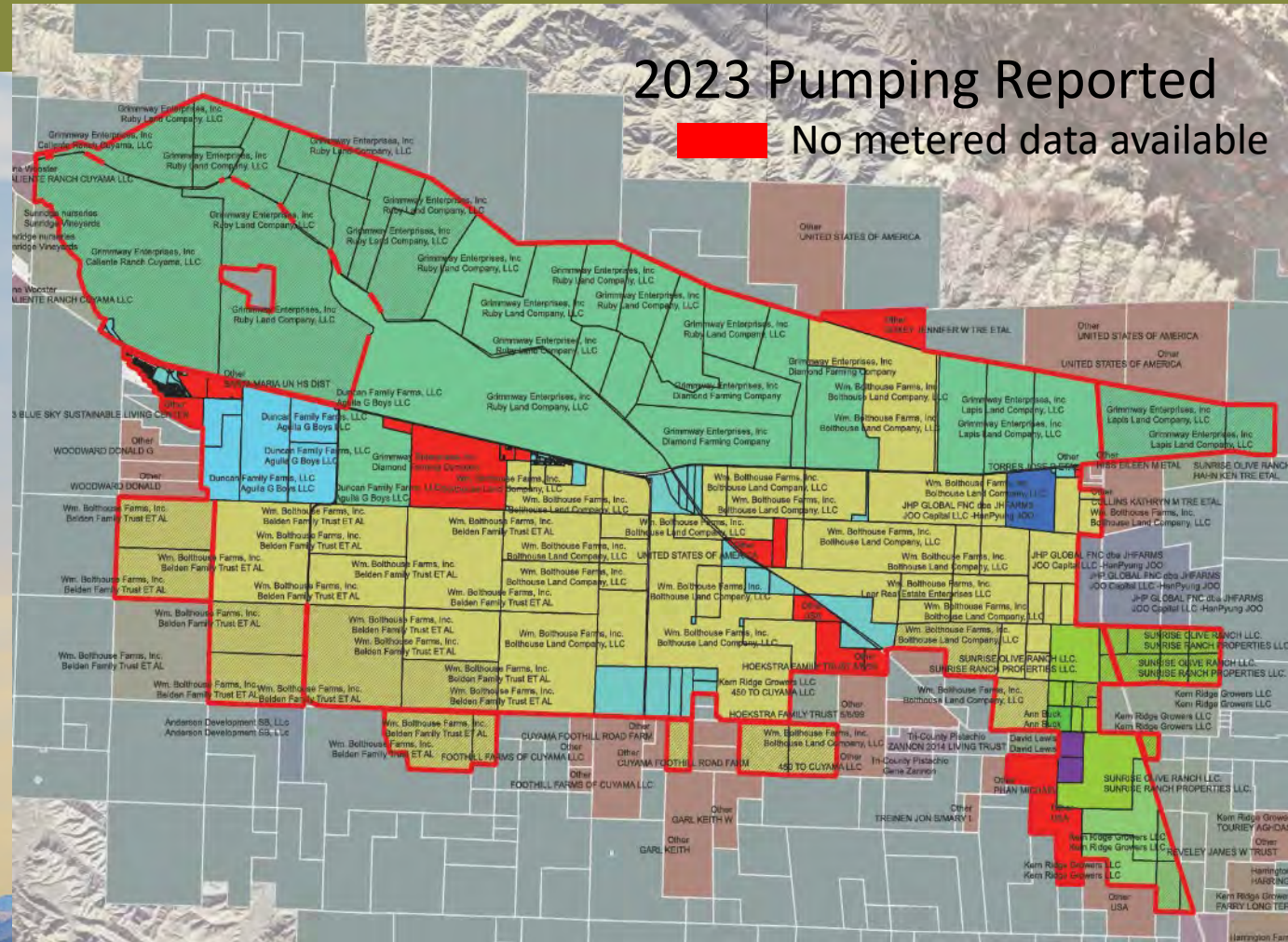
# Cuyama Basin Model Land and Water Use Updates

- Analysis is finished for the 2022 & 2023 reported pumping volumes.
- Preliminary updates for the service areas and wells are ready
  - Some of the reported wells are missing location info
- Preliminary identification of non-irrigated fields is done (ground truth by Land IQ done in September 2024)
- The analysis from two years of reported pumping will be used to refine crop water use estimates
  - Verify crop water use estimates
  - Identify non-irrigated crop types
  - A new land use category will be defined for non-irrigated crops
  - Refine idle land water use



# Model Estimated vs User-reported Pumping

- Modeled pumping estimate was compared to reported pumping for WY 2022 and 2023
- Data was compared for each reporting company
- Previous issues about the reported APNs are resolved



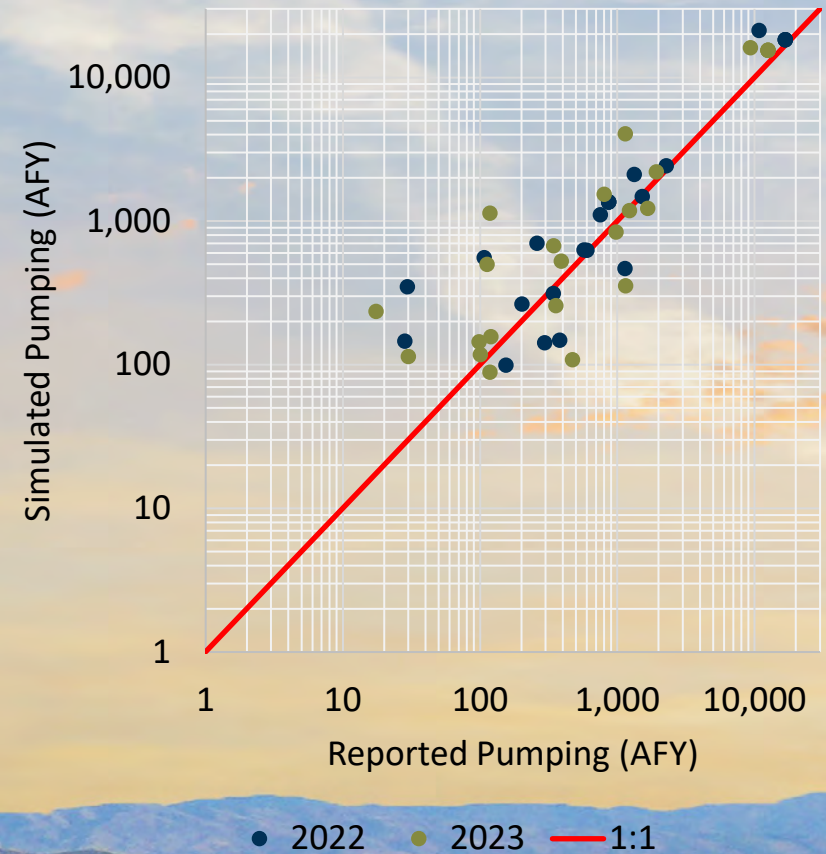
2023 Pumping Reported  
 [Red Box] No metered data available

**DRAFT – For internal discussion purposes**



# Test Run for Non-irrigated Land Use Types (continued)

Agricultural Pumping	Annual Report Model Estimate (AF)	Landowner Reported (AF)	Test Run by using non-irrigated LU category (AF)
2022 – Jan-Sep	54,700	38,400	32,700
2023 – Jan-Sep	46,000	33,500	29,300

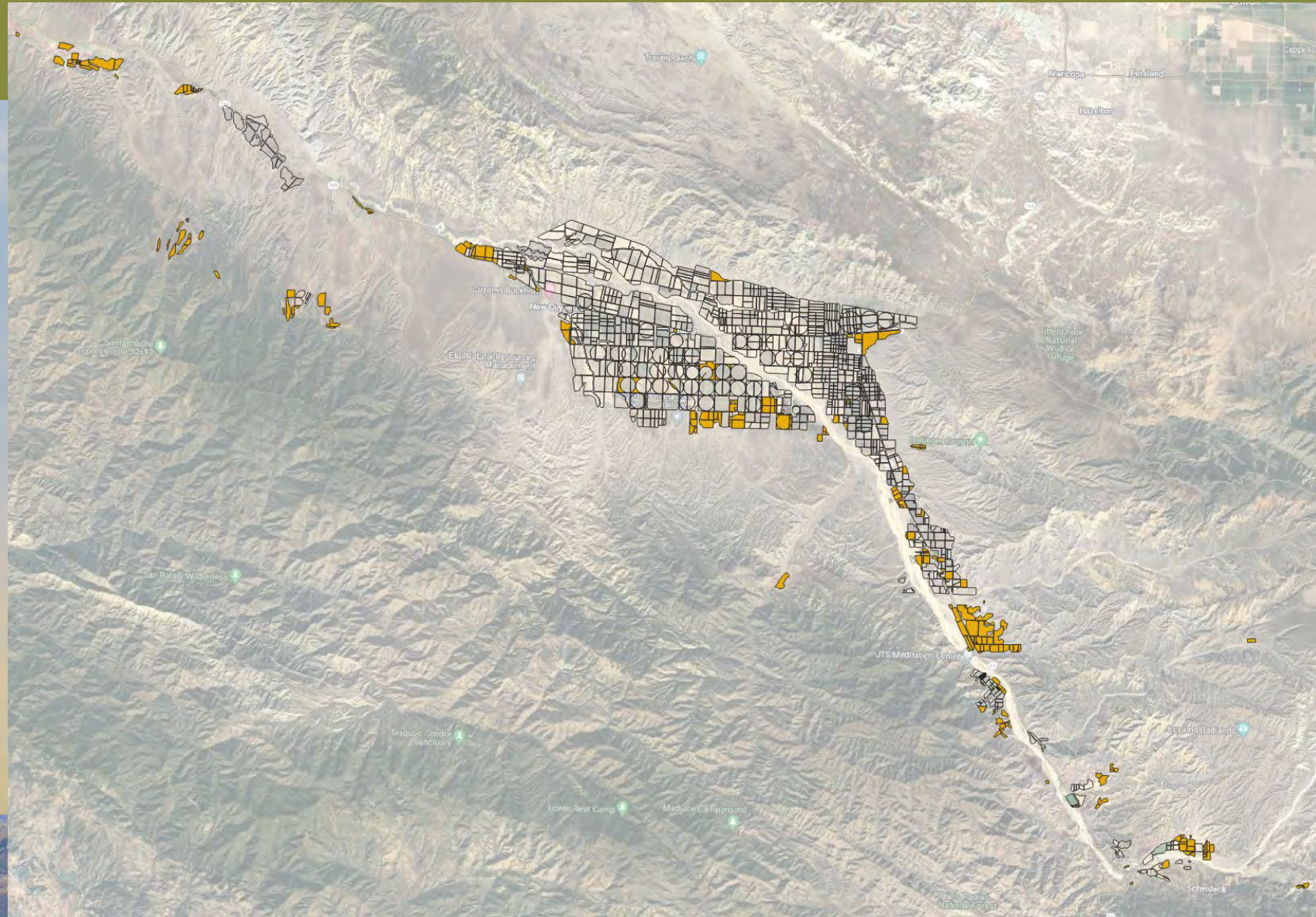


**DRAFT – For internal discussion purposes**



# Non-Irrigated Fields (preliminary W&C estimate)

- White = Irrigated
- Gold = Non-irrigated
- To be updated when Land IQ completes irrigated status work in September 2024





# Next Steps to Finalize Land and Water Use for Calibration

- Review the preliminary well and service area datasets provided by EKI and provide feedback
- Finalize the land use revision
- Using 2022 and 2023 pumping data as a target, adjust crop water demands



# Tech Forum Feedback: 2-9-24

Comment by	Neil Currie, Cleath-Harris (Grapevine Capital)	Jeff Shaw, EKI (Cuyama Basin Water District)
Comment	<ol style="list-style-type: none"> <li>1. Consider oilfield data</li> <li>2. Review DeLong surface maps</li> <li>3. Consider using the AEM data to verify the location of the Rehoboth, Turkey Trap and Graveyard Ridge faults</li> </ol>	<ol style="list-style-type: none"> <li>1. Recommend presenting calibration error maps</li> <li>2. Consider adjusting model to a monthly timestep to sync monthly ET demand with actual pumping</li> <li>3. Ensure old flow meters are not contributing to variance between model and reported pumping</li> </ol>
Staff Notes	Will perform these activities	NA



TO: Board of Directors  
Agenda Item No. 14c

FROM: Brian Van Lienden, Woodard & Curran

DATE: May 1, 2024

SUBJECT: Update on Groundwater Sustainability Plan Activities

**Recommended Motion**

None – information only.

**Discussion**

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



Cuyama Basin Groundwater Sustainability Agency

14c. Update on Groundwater Sustainability  
Plan Activities  
Brian Van Lienden

May 1, 2024





# March-April Accomplishments

- ✓ Performed installation of two multi-completion monitoring wells
- ✓ Performed geophysical survey at Russell Fault
- ✓ Developed options for projects and management actions for Board consideration
- ✓ Developed updated draft GSP Chapters 3 and 5 for Board consideration
- ✓ Performed ongoing updates to Cuyama Basin groundwater model
- ✓ Prepared grant invoice for submittal to DWR



TO: Board of Directors  
Agenda Item No. 14d

FROM: Brian Van Lienden, Woodard & Curran

DATE: May 1, 2024

SUBJECT: Update on Grant-Funded Projects

**Recommended Motion**

None – information only.

**Discussion**

An update on Cuyama Basin Groundwater Sustainability Agency (CBGSA) grant-funded projects is provided as Attachment 1.



Cuyama Basin Groundwater Sustainability Agency

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# 14d. Update on Grant Funded Projects

Brian Van Lienden

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May 1, 2024





# Next Steps to Finalize Land and Water Use for Calibration

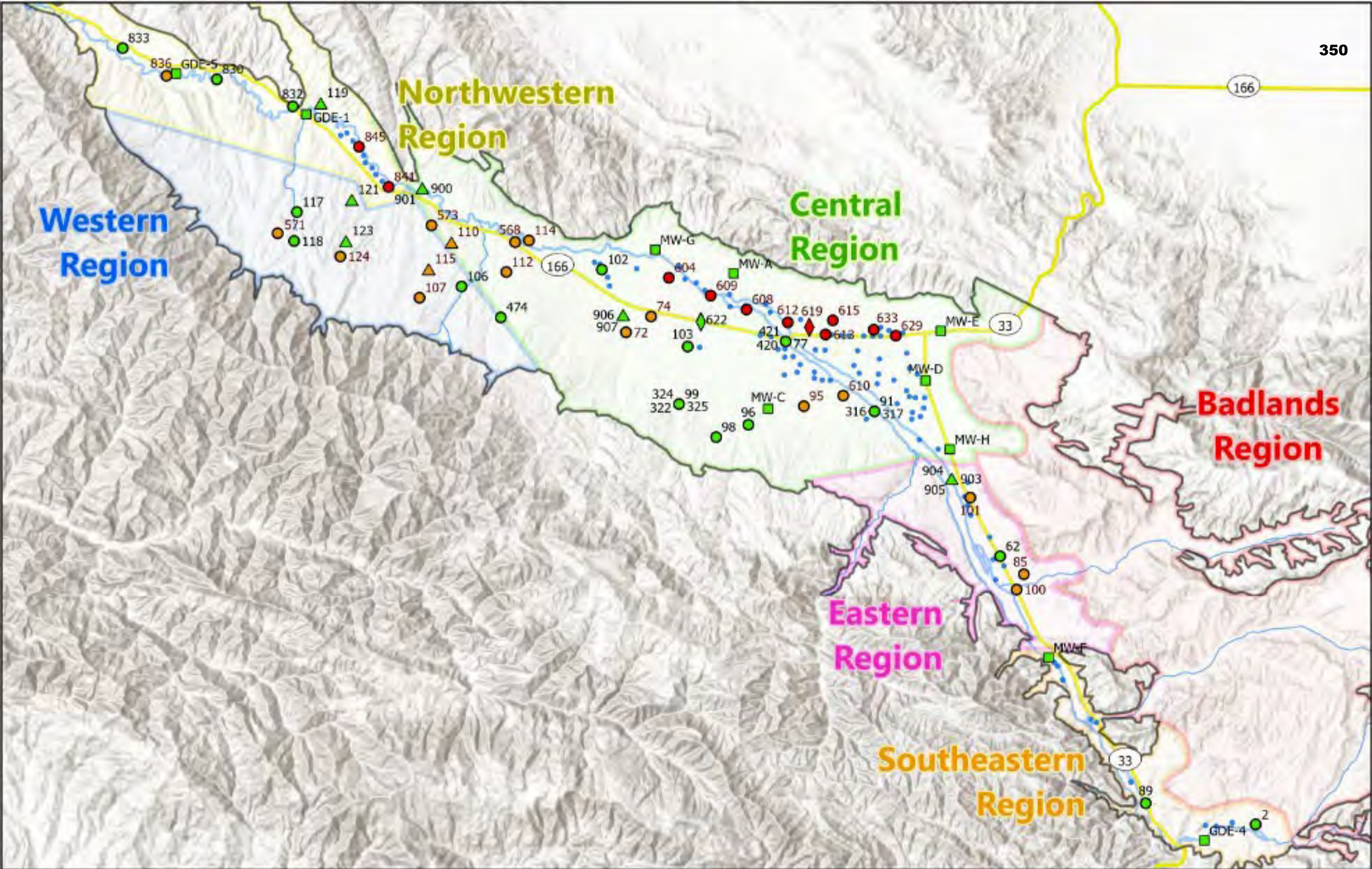
- Piezometer (GDE) Wells:
  - Wells have been constructed at all 3 locations (GDE-1, GDE-4 and GDE-5)
- Multi-Completion Nested Monitoring Wells:
  - MW-F constructed in November 2023. Well screen intervals are 180-200 feet and 350-370 feet.
  - MW-C constructed in February 2024. Well screen interval is 500-520 feet.
  - MW-H constructed in March 2024. Well screen intervals are 660-680 feet and 880-900 feet.
  - MW-E drilling completed on April 18, 2024. Well design and construction pending results of E logs.

# Next Steps to Finalize Land and Water Use for Calibration

- Revised objective is to install at least 1 well at each of 6 locations
  - Installation at 6 locations is achievable within the budget by constructing 1 or 2 nested wells instead of 3 wells at most locations; this should be acceptable because of the deep depth to water at some locations
  - One location cannot be completed due to budgetary constraints – staff recommends not installing MW-A

Location	Approximate Depth to Water (Fall 2023)	# of Completions
MW-A	400-500	2 (recommended for removal due to grant budget)
MW-C	480	1
MW-D	600-650	2
MW-E	500-600	2
MW-F	20	2
MW-G	400-500	2
MW-H	610	2









TO: Board of Directors  
Agenda Item No. 20

FROM: Jim Beck / Joe Hughes

DATE: May 1, 2024

SUBJECT: Consider for Approval Resolution No. 2024-051 Setting a Groundwater Extraction Fee for Fiscal Year 2024-2025 and Authorize Invoicing of Landowners

**Recommended Motion**

Adopt Resolution No. 2024-051 decreasing the existing groundwater extraction fee of \$12 per acre-foot to \$5 per acre-foot and invoice landowners.

**Discussion**

The purpose of this agenda item is to propose a \$7 decrease to the existing \$12 per acre-foot groundwater extraction fee as outlined in Resolution No. 2024-051 provided as Attachment 1.

After reviewing the proposed budget for Fiscal Year 2024-2025, reported water use data from 2023, and the Fiscal Year 2024-2025 budget and cash flow, CBGSA staff has determined that a decrease of \$7 is sufficient to fund future administrative costs. This would decrease the existing groundwater extraction fee from \$12 per acre-foot to \$5 per acre-foot.

**RESOLUTION NO. 2024-051****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**, on May 3, 2023, the Board again authorized the reduction of the groundwater extraction fee to \$12 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 15, 2024 and April 22, 2024.
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 \$12 per acre foot groundwater extraction fee shall be reduced as follows:

1. The existing \$12 per acre foot groundwater extraction fee shall be reduced to \$5 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 2024 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 1st day of May 2024.

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Cory Bantilan, Board Chair

ATTEST:

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James M. Beck  
Executive Director





**DRAFT**

# FY 2024-2025 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

---

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 2024-2025 period and is based on (i) the CBGSA’s draft budget and cash flow for Fiscal Year 2024-2025; and (ii) 2023 water use.

### Section 4.1 – Definition of an “Extractor”

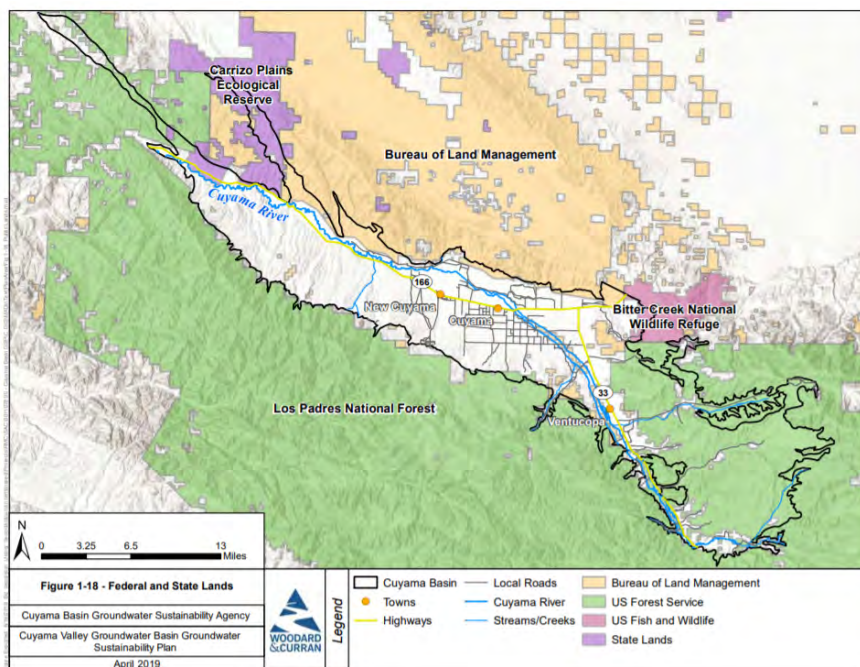
An extractor is defined as a pumper of groundwater within the Cuyama Basin groundwater basin boundary as defined by California Department of Water Resources’ Bulletin 118 (see Figure 1 below). The below groups are not considered extractors:

#### **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 2024-2025 will be presented for consideration of adoption at the May 1, 2024 regular meeting of the CBGSA Board of Directors. The draft budget for Fiscal Year 2024-2025 totals \$1.91 million. \$1.64 million represents costs reimbursable through the California Department of Water Resources Sustainable Groundwater Management Act Implementation Grant and \$270,194 represents costs not reimbursable by the grant. The draft budget for Fiscal Year 2024-2025 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 \$1.91 million.

Water use was based on (1) user-reported metered data from calendar year 2023, and (2) small pumpers (water users using less than 25 acre-feet annually) are not required to install meters, and thus, they report 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 which include a conversion factor to estimate the gross water use consistent with the metered data reporting methodology. The 2023 water use estimate totals 35,000 acre-feet and is used as the basis for the reduction of this fee.

#### **Fee Recommendation**

**Based on (1) the Fiscal Year 2024-2025 budget and cash flow, and (2) user-reported 2023 water use data, the CBGSA recommends a reduction of the basin-wide groundwater extraction fee to \$5 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 2024 and will be based on the 2023 water use previously reported by Cuyama extractors. If payments are not received by the due date of June 30, 2024, a past due notice will be mailed in July 2024 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 1, 2024</b>	Fiscal Year Budget Adopted and Public Hearing to Establish Fee
<b>May 17, 2024</b>	Invoices and Forms are Mailed Out
<b>May-June 2024</b>	Payment Collection Period
<b>June 30, 2024</b>	Payment Due Date
<b>July 1, 2024</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, 2024 due date with an escalation rate of 1 percent for each month late after the initial due date.

Exhibit A  
FISCAL YEAR 2024-2025 BUDGET

DRAFT



## DRAFT CBGSA FISCAL YEAR 2024-2025 BUDGET

A		B	
CATEGORY		3-Yr Grant Funded	2024-25 Budget
<b>A HALLMARK GROUP</b>			
1	CBGSA Board of Directors Meetings	Y	\$ 110,990
2	Consultant Management and GSP Implementation	Y	\$ 73,578
3	Financial Information Coordination	Y	\$ 47,587
4	Cuyama Basin GSA Outreach	Y	\$ 11,847
5	Annual Groundwater Extraction Fee	Y	\$ 5,830
6	Prepare 5-Year GSP Update	Y	\$ 20,131
7	Central Management Area Support	Y	\$ 13,005
8	Adjudication Discussions	Y	\$ 2,138
9	Enforcement for Un-reported Water User	N	\$ 25,400
10	Well Permit Review	N	\$ 2,000
11	Other Direct Charges (Mileage, conference lines, copies)	N	\$ 4,894
	Subtotal		\$ 317,400
<b>B LEGAL</b>			
1	General Legal Counsel	Y	\$ 250,000
	Subtotal		\$ 250,000
<b>C ADMIN</b>			
1	Audit (FY 23-24)	N	\$ 10,000
2	Insurance (D&O, General Liability)	N	\$ 17,000
3	California Association of Mutual Water Co. Membership	N	\$ 200
4	2024 Updated Parcel Data	N	\$ 4,000
5	Contingency	N	\$ 20,000
	Subtotal		\$ 51,200
<b>D WOODARD &amp; CURRAN &amp; TECHNICAL</b>			
1	Grant Proposals	N	\$ 44,100
2	Stakeholder/Board Engagement		
3	SAC meetings	Y	\$ 28,350
4	Board meetings	Y	\$ 42,000
5	Board Ad-hoc calls	Y	\$ 16,800
6	Tech Forum calls (new item)	Y	\$ 10,500
7	Public Workshops	Y	\$ 16,800
8	Outreach		
9	General, Newsletter Development, etc.	Y	\$ 15,750
10	Website Updates - Maintenance / Hosting	Y	\$ 7,000
11	Well Permit Review	N	\$ 12,600
12	Support for DWR Technical Services (TSS) and Enforce Well Pumpers	N	\$ 21,000
13	GSP Implementation Support		
14	GSP Implementation Program Management	Y	\$ 57,750
15	GW Levels and GWQ Monitoring Network Coordination and Data Mgmt - W&C	Y	\$ 21,000
16	DMS Ongoing Maintenance and Enhancements	Y	\$ 26,250
17	Support for Adaptive Management of Groundwater Levels	Y	\$ 52,500
18	Prepare Annual Report for Cuyama Basin	Y	\$ 47,250
19	Meter Implementation - Ongoing Support	Y	\$ 10,500
20	Grant Admin (SGM Round 1)	Y	\$ 105,000
21	Perform Monitoring and Monitoring Network Enhancements		
22	Install Transducers	N	\$ 67,000
23	Improve Understanding of Basin Water Use		

CATEGORY		3-Yr Grant Funded	2024-25 Budget
24	Perform Updated Land Use Survey (Update Annual Land Use)	Y	\$ 21,000
25	Enhance Existing CIMIS Station & Implement New Stations (Including O&M)	Y	\$ 54,600
26	Project & Management Action Implementation		
27	Pumping Allocation Implementation	Y	\$ 52,500
28	Analysis of Management Action Implementation Options	Y	\$ 50,400
29	Precipitation Enhancement Feasibility Study	Y	\$ 31,500
30	GSP Implementation, Outreach, and CBGSA Management		
31	Develop GSP Periodic Evaluation	N	\$ 42,000
32	5-year GSP Update (e.g. ISW guidance)	Y	\$ 309,803
		Subtotal	\$ <b>1,163,953</b>
<b>E</b>	<b>OTHER TECHNICAL</b>		
1	Quarterly GW Levels and Piezometer Monitoring (Contractor TBD)	Y	\$ 43,000
2	Annual WQ Monitoring (Contractor TBD)	Y	\$ 25,000
3	Annual Stream Gauge Maintenance (USGS)	Y	\$ 56,650
		Subtotal	\$ <b>124,650</b>
Grant Funded			\$ 1,637,009
CBGSA Funded (Non Grant-Eligible Costs)			\$ 270,194
<b>TOTAL</b>			\$ <b>1,907,203</b>

Exhibit B  
CROP FACTORS

DRAFT





# Form I IRRIGATOR

WATER USE ESTIMATE WORKSHEET – 2023  
Cuyama Basin Groundwater Sustainability Agency

Name \_\_\_\_\_

Billing Address \_\_\_\_\_

Phone / Email \_\_\_\_\_

**Instructions:**

1. For 2023, 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 Crop Name	B Assessor Parcel Number(s) (APN) <sup>2</sup>	C Acres	D Crop Factor	E Water Use (acre-feet)	
1			X		=	
			X		=	
			X		=	
			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 – 2023  
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.