



CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY

BOARD OF DIRECTORS MEETING

Board of Directors

Cory Bantilan Chair, Santa Barbara County Water Agency
Derek Yurosek Vice Chair, Cuyama Basin Water District
Vacant Secretary, County of Ventura
Byron Albano Treasurer, Cuyama Basin Water District
Jason Higbee Cuyama Basin Water District
Steve Jackson Cuyama Basin Water District

Jimmy Paulding County of San Luis Obispo
Katelyn Zenger County of Kern
Matthew Young Santa Barbara County Water Agency
Deborah Williams Cuyama Community Services District
Jane Wooster Cuyama Basin Water District

AGENDA

May 7, 2025

Agenda for a meeting of the Cuyama Basin Groundwater Sustainability Agency Board of Directors to be held on Wednesday, May 7, 2025, at 2:00 PM at the **Cuyama Valley Family Resource Center 4689 CA-166, New Cuyama, CA 93254**. Participate via computer at: <https://msteams.link/4GXC> or by going to Microsoft Teams, downloading the free application, then entering Meeting ID: 211 568 992 705 Passcode: et2fD66g or enter or telephonically at (469) 480-3918 Phone Conference ID: 839 596 065#.

Teleconference Locations:

4689 CA-166 New Cuyama, CA 93254	1115 Truxtun Ave, 5 th Floor Bakersfield, CA 93301	10000 Stockdale Hwy, Suite 200 Bakersfield, CA 93311	116 Aptos Beach Dr Aptos, CA 95033
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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. Standing Advisory Committee Meeting Report (Kelly) (3 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.

6. Approve March 5, 2025, Meeting Minutes (Bantilan) (1 min)
7. Approve Payment of Bills for February 2025 and March 2025 (Blakslee) (1 min)
8. Approve Financial Reports for February 2025 and March 2025 (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.

9. Groundwater Sustainability Plan Implementation

- a) Discuss and Take Appropriate Action on the Fiscal Year 2025-2026 Budget and Cash Flow (Blakslee) (60 min) **[Supermajority Vote Required: 75%]**
- b) Discuss and Take Appropriate Action on Consultant Task Orders for Fiscal Year 2025-2026 (Blakslee) (5 min)
- c) Discuss and Take Appropriate Action on Potential Non-Reporting Pumpers (Blakslee) (10 min)

REPORT ITEMS

- 10. Report on Basin-Wide Pumping (Blakslee) (10 min)
- 11. Report on 2024 Central Management Area Allocations (Blakslee) (5 min)
- 12. Report on Historic (1998-2017) Modeled Pumping for All Parcels in the Basin (Blakslee/Van Lienden) (20 min)
- 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 Groundwater Sustainability Plan Activities (Van Lienden) (5 min)
 - b) 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)

CLOSED SESSION

- 19. 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)
- 20. Adjourn (5:30 p.m.)

CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY

2025 Board Ad hocs

1	CIMIS Station Implementation Policy	Burnes Bantilan Wooster
2	Variance	Albano Anselm Jackson Young
3	Farm Unit Policy	Albano Bantilan Yurosek
4	Fiscal Year Budget	Wooster Young Zenger

Tech Forum Participants

Participants	Entity	Representing
Aman Singh Anthony Daus	GSI	Bolthouse / Grimmway
Mack Carlson	BHFS	Coalition of Landowners for Commonsense Groundwater Solution
Derrick Williams	Montgomery & Associates	Coalition of Landowners for Commonsense Groundwater Solution
Bob Abrams Sean Hartman	Aquilogic	BBK
Matt Klinchuch	Cuyama Basin Water District	Cuyama Basin Water District
Jeff Shaw John Fio Macy Frost Marco Maneta	EKI	Cuyama Basin Water District
Neil Currie	Cleath-Harris	Grapevine Capital
Matt Young Matt Scrudato	Santa Barbara County Water Agency	Santa Barbara County
Bianca Cabera Steve Johnson Jeff Helsley	Stetson Engineers	Sunrise Olive

Cuyama Basin Groundwater Sustainability Agency Board of Directors Meeting

March 5, 2025

Draft Meeting Minutes

PRESENT:

Directors

Bantilan, Cory – Chair
Yurosek, Derek – Vice Chair
Albano, Byron – Treasurer
Jackson, Steve
Klinchuch, Matt – Alternate
Reely, Blaine – Alternate
Wooster, Jane
Young, Matthew
Zenger, Katelyn

Staff

Beck, Jim – Executive Director
Bianchi, Grace – Project Coordinator
Blakslee, Taylor – Assistant Executive Director
Dominguez, Alex – Legal Counsel
Van Lienden, Brian – Woodard & Curran

ABSENT:

Anselm, Arne – Secretary
Williams, Deborah

1. Call to Order

Cuyama Basin Groundwater Sustainability Agency (CBGSA) Chair Cory Bantilan called the meeting to order at 2:02 p.m.

2. Roll Call

Ms. Bianchi 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.

Mr. Blakslee briefly introduced George Pereza, CBGSA's point of contact from the Department of Water Resources (DWR).

5. Standing Advisory Committee Meeting Report

SAC Chair Brenton provided the report for the Standing Advisory Committee (SAC) meeting on February 27, 2025.

Submitted to the CBGSA Board of Directors on January 15th, 2025 By

Brenton Kelly, SAC Chair

The Standing Advisory Committee met at the Family Resource Center in a hybrid format, with all members present, four in-person and three on the conference line with one member abstaining due to the Brown Act timing of posting notice of a remote location. GSA Staff Taylor Blakeslee was joined by Grace Bianchi in the room, with Brian Van Lienden and Alex Dominguez on the call. One stakeholder was in the room and several others were on the video conference. The meeting lasted 3 hours.

A Public Comment was made by Dave Lewis on behalf of his family in gratitude and appreciation for everyone in the community and on the GSA who showed support for the Lewis Farm Variance consideration.

The Cloud Seeding presentation from Frank McDonough of DRI was delayed to later in the meeting when he could be available.

Shortly before the end of the meeting SAC members had several questions for GSA legal counsel, Mr. Dominguez. Community concerns were raised about the GSAs withdrawal of their Expert Witness to present and defend the GSP when considering the Sustainable Yield in the Adjudication lawsuit. Respectfully, Mr Dominguez was not able to provide any direct comments about closed door deliberations, but he tried to assure that the interests of the GSA were to protect the GSP.

Committee Member Jaffe expressed concern that there have not been any current updates to the adjudication resource page on the CBGSA website. Robbie says people in the valley need to know these resources, they need to have access to updated information. Mr. Dominguez responded that a bill was passed in 2024 that required GSAs to provide specific information to the public. He added that Cuyama Basin was already in Adjudication when the law passed and was thereby excused from needing to comply with the posting requirements. Jaffe asked if the GSP has been presented to the Judge for consideration of the Sustainable Yield? Mr. Dominguez at first said he did not know, but thought that it had and he will have to check to be sure.

During the meeting the Committee made only formal motions to approve the minutes and the Annual Report. In addition to in-depth discussions, many considerations were made as recommendations for the GSA and I will endeavor to present a helpful synopsis of the array of stakeholder feedback.

10.) Update on Cloud Seeding Study by Desert Research Institute

Committee member Haslett asked about verification. Frank McDonough explained the method of trying to measure the rainfall at the target spot and an unseeded control spot. He acknowledged that verification is a challenge, but the numbers suggest an effect of 5-15% increased precipitation is possible.

Committee member Lewis observed that the most favorable years for cloud seeding were during wet years, which are not when additional rain would be needed or frequent in Cuyama. He did not think it would be financially responsible to support this project.

Stakeholder John Caufield requested staff reevaluate the estimated cost per acre feet for the ground program that reflects the generator life span and noted that the estimated cost is in 2025 dollars.

The biggest concern seemed to be the worry that the extra rain would simply run off and go to Twitchell since there is no capture and storage system in the Valley. Brian Van Lienden did mention that some of it may go back into the groundwater, but again, without deep percolation studies and age dating of the water in the deep aquifers that are being pumped, there is no evidence that the water is actually recharging the productive aquifer.

The SAC remains in general agreement with a consensus to recommend that the GSA board **does not pursue** this project at this time. Keeping it on the list, if even at the bottom, will keep all future options open and is aligned with our updated GSP project list.

12, a) Discuss and Take Appropriate Action on Water Year 2023-2024 Annual Report

Chair Kelly asked for some explanation of the water elevation contour maps. Where is the Cuyama River on the map and why does it look like all the groundwater is moving north out of the Basin instead of downstream or into the central cone of depression? Mr. Van Lienden explained the limitations of how the contours are extrapolated and that there are monitoring wells north of the Cuyama River and that it would be helpful to show the Cuyama River on this map.

Committee Member Jaffe asked about the five wells that exceeded their Minimum Thresholds. She notes that there is no explanation for why they are dropping or what will be done about it. There is no explanation of why there are such fewer exceedances this year than last year when 21 wells exceeded their thresholds! One might assume from this Report that conditions have recently improved dramatically, but Mr. Van Lienden responded that the well levels have not changed significantly and the shift in monitoring well status was due to the resetting of minimum thresholds approved by the board in the new GSP.

The **motion to approve the Annual Report** passed unanimously with one abstention.

12,b) Discuss and Take Appropriate Action on GSA Project Prioritization/Schedule

The SAC generally supports the process and method used to generate this list and the rankings. There was some concern about overburdening staff with too many big projects in the busy first year. Blakslee expressed Staffs' confidence in the scheduled workload. It was suggested that several projects (like hydrologic model update studies) could be combined and pushed out for a couple of years when grant funding is secured. The SAC encourages the urgency for some workable resolutions to the CMA management policies for the smaller farmers.

Committee member Jaffe stressed the importance of a robust and open process for the consideration of Water Markets and Carryovers. Even if they start small and simple they should be given the time to be thoughtfully developed.

Committee member Lewis was in favor of Preliminary Investigations or Feasibility Studies as part of any major projects. Blakslee confirmed that the next step was to put a price tag on all prioritized projects for the upcoming budget development process.

Vice chair DeBranch suggested accelerating the schedule for Expanding Allocations outside the CMA because it had the highest ranking and asked why the SBCF study was prioritized when it got the lowest rank? Mr. Blakslee responded that the SBCF Investigation was included in the 2025 schedule to understand flow across the fault and the impacts to CMA and Ventucopa. He explained that looking into expanded allocations outside the CMA and Ventucopa were scheduled following the SBCF investigation once new and conclusive information is collected.

While most SAC members were in favor of developing a tiered allocation approach and/or minimum allocation policy, DeBranch was not in favor of ever considering a tiered approach.

Chair Kelly recognized the technical need for better understanding of the SBC Fault before expanding allocations to Ventucopa. He also sees the importance of various Basin Understanding studies that could greatly inform the model, such as Geo-chemical fingerprinting and age dating of pumped water.

Committee member Gaillard asked about the remaining cost for completing the SBC fault study and staff said they thought they could finish the study this year for around \$60,000 and that it would inform Ventucopa hydrology. The SBC Fault is a hydrologically impactful feature and should be better understood before management actions are taken in Ventucopa.

Stakeholder Adam Lovgren suggested that the Water Market policy was very important, and that it is likely to be complicated. He said most water markets are in basins with surface water supplies. Not as much is known

about groundwater only water markets. He thought any initial CMA water market policy should be developed with the consideration of expanding to basin wide in the future.

Stakeholder Jake Furstenfield spoke in support of finishing the SBC Fault study. We have spent a lot of money there already and haven't solved the puzzle yet. It would be a shame to push back the study at this point if it will benefit the understanding of that region. We have to know the technical reasons for any expansion of allocations outside the CMA.

Committee member Jaffe supports keeping the tiered allocation policy at the top of the priority list. The discussion then moved to the bottom of the list and what to do with the low-ranking priorities.

Committee Member Haslett commented that there are no water enhancement projects included in the high priority list, and that most projects focus on reducing water use and not on increasing water availability. He suggested that C.8. Groundwater Dependent Ecosystems Enhancement and C.10 Irrigation water runoff studies should be moved to this fiscal year.

Stakeholder John Caufield recommended that projects be binned into categories such as: What to do with what we have right now, and What can we do to make it better in the future?

Chair Kelly was in favor of reconsidering the ranking of lower priority projects annually during the budget development process and suggested Option B; to consider all items annually during the budget development period so that they don't slip from sight and can be brought forward in later budgets. A straw poll backed the proposal to review the list annually. Consensus was reached.

The remainder of the agenda was Technical and Administrative Updates with little to no discussion, except for the discussions with Legal Counsel regarding the Adjudication reported in the intro.

CONSENT AGENDA

6-9. Consent Agenda

Chair Bantilan asked if any Directors wanted to move any of the consent items out to discuss in more detail.

Mr. Blakslee noted a correction to be made to the minutes.

Director Jackson asked about the payments receivable in the January 2025 financial report. Mr. Blakslee responded that the large amount is from unpaid groundwater extraction fees, which will receive payment from the county tax roll.

Director Wooster noted a correction to be made in the minutes from January 15, 2025.

MOTION

Director Jackson made a motion to approve the consent agenda item nos. 6-9. The motion was seconded by Director Albano. A roll call vote was made and the motion passed with 78%.

AYES:	Albano, Bantilan, Jackson, Klinchuch, Reely, Wooster, Young, Yurosek, Zenger
NOES:	None
ABSTAIN:	None
ABSENT:	Anselm, Williams

ACTION ITEMS

10. Update on Cloud Seeding Study

Frank McDonough from Desert Research Institute (DRI) provided an overview of the cloud seeding study that was done in the Cuyama basin. He reviewed two methods of cloud seeding, the expected increase in precipitation, and costs.

SAC Chair Brenton Kelly provided the SAC report on this item.

Director Reely asked what the increased precipitation would be in inches. Mr. McDonough responded it is approximately 10% of the precipitation.

Stakeholder Jeff Shaw asked if the Santa Barbara County seeding program was affecting Cuyama Basin. Mr. McDonough responded that the existing project in Santa Barbara County was not impacting the headwaters of Cuyama Basin.

MOTION

Director Reely made a motion to accept the SAC's recommendation not to consider the cloud seeding study at this time. The motion was seconded by Director Wooster, a roll call vote was made and passed with 78%.

AYES: Albano, Bantilan, Klinchuch, Jackson, Reely, Wooster, Young, Yurosek, Zenger
NOES: None
ABSTAIN: None
ABSENT: Anselm, Williams

11. Groundwater Sustainability Plan Implementation

a. Discuss and Take Appropriate Action on Water Year 2023-2024 Annual Report

Mr. Van Lienden provided an overview of the Annual report for Water Year 2023-2024, reviewing the changes in the annual report, changes in groundwater storage, groundwater conditions, and salinity conditions. Mr. Van Lienden noted that the annual report includes an explanation of the changes in the monitoring wells from the previous annual report.

SAC Chair Kelly provided the SAC report on this item, which is included in the packet.

Chair Bantilan opened the floor for public comment.

Stakeholder Christopher Mouward asked about the report to be evaluated by DWR. Mr. Van Lienden clarified that the periodic evaluation uses the updated model.

Mr. Blakslee acknowledged Christopher's email about budget number discrepancy. He stated that staff and the technical team is still looking into clarifying the water budget number question and will provide a response shortly.

Stakeholder Adam Lovgren acknowledged the recent change in minimum thresholds and noted that the updated values better align with the observed well observed in his area, making them a more reasonable and realistic benchmark for sustainability.

Mr. Van Lienden noted that the minimum threshold does not go lower than the well protection depth.

Director Wooster noted that the minimum threshold is 58 feet, which is the exact depth of well 114.

Mr. Blakslee clarified that the GSP that when a well falls below minimum threshold, then the adaptive management process kicks in and an ad hoc is formed to determine actions to get to sustainability.

MOTION

Director Jackson made a motion to approve submittal of the annual report, subject to the review of periodic evaluation water budget discrepancy. Director Yurosek seconded, a roll call vote was made and passed with 60%.

AYES: Albano, Klinchuch, Jackson, Reely, Young, Yurosek, Zenger
NOES: None
ABSTAIN: Bantilan
ABSENT: Anselm, Williams, Wooster

b. Discuss and Take Appropriate Action on 2024 Central Management Area Allocation Use

Mr. Blakslee provided an update on the 2024 Central Management Area (CMA) Allocations. He reported that as a whole, the CMA has used only 57% of their allocation, however the report does not include Duncan Farm's use in 2024.

c. Discuss and Take Appropriate Action on GSA Project Prioritization/Schedule

Mr. Blakslee provided an overview of the methods to determine the project prioritization list and schedule. He reported that staff are looking for board feedback on the projects and initiatives to be discussed for 2025-2029.

Director Wooster asked how irrigation study is related to the model updates. Mr. Blakslee responded that the irrigation study is grouped with model updates draft schedule because the study would provide more detailed information on irrigation methods in the basin, which would be included the next model updates.

SAC Chair Kelly provided the SAC report on this item, which was included in the board packet.

Director Jackson asked how much money has been spent on the fault investigations to date. Mr. Blakslee responded that \$280,000 was budgeted for the faulty investigation and nearly all of the budgeted amount was spent.

Director Albano asked about the goals of the Santa Barbara Canyon Fault study, if the goal is to determine the extents of the fault or understand flow across the fault.

Mr. Beck responded that the goal today is to provide direction on projects to move forward with before staff determines cost.

Director Albano asked if the model is assuming flow across the eastern edge of the fault.

Mr. Van Lienden responded that the Santa Barbara Canyon Fault (SBCF) determined the fault was not where previously thought. The edge is a limitation to the model. The model shows that flow does not go through, but it does not predict flow past the eastern border.

Director Young commented that there should be clear definitions of each project and that the allocations outside of the management area. His understanding of the allocations outside of the management was it was for the board to determine if allocations are needed outside of the management area.

Director Reely commented that the SBCF is to improve the model, and it would be more efficient to do it during the other model update initiatives.

Director Young asked if there is a point in doing the SBCF study if it is not used for updates.

Director Jackson commented that the landowners in the CBWD are impacted the most and that allocations outside the management area should be a priority.

Director Albano asked what data is needed to determine Ventucopa allocations.

Mr. Van Lienden responded that the model is the best tool to determine allocations. He added that the fault line area impacts the two-foot change in the basin.

Director Albano commented that it would be more important to determine the flow of the fault.

Stakeholder Brenton Kelly commented that he would like to see the board explore the SBCF investigation before deciding on allocations in Ventucopa.

Stakeholder Jake Furstenfeld commented that it is important to get the additional data to that the model, but also consider the people living in the area before making decisions.

Stakeholder Jim Wegis commented that the model is not accurate and should not be used.

Stakeholder Christopher Mouwad commented that the UC Davis Small Farmer clinic provided a letter to the GSA regarding collaboration with the clinic.

Director Albano commented that the GSA has determined action to get sustainable within

the CMA, but the GSA should consider sustainability within the basin. Encourages staff to outline technical requirements for certain projects/initiatives.

Director Jackson commented that the items should be addressed basin wide.

Director Young suggested a few changes to the projects, specifically, that basin-wide moratorium in wells and prevent future development/use should be grouped together. Suggested Water markets can be referred to ask water changing water trading in the CMA

Director Wooster suggested that staff consider potentially not allowing land use change, if land use changed, then no changes in the water use.

Director Zenger commented that during the budget ad hoc she suggested that the board not consider projects with less than a priority of five.

Chair Bantilan comments in favor of a cut off for projects ranked under five should not be considered at this time.

Director Young commented that staff doesn't need to explore projects scheduled in 2027.

Director Albano commented that the board should follow staff's recommended schedule.

Director Zenger pointed out that item B.10 was not included in the draft schedule, but it was ranked as 5.

Mr. Blakslee clarified that the expanded allocations included in map and the item B.10 consider allocations outside the current MA represents.

Mr. Beck commented that the discussion is to determine budget components. He recommended the board look at the project list annually.

MOTION

Director Jackson made a motion to direct staff to further investigate items scheduled in the fiscal year 2025-2026 as presented by staff, with the inclusion of B.10 and come back with preliminary budget and present to the board in May; then items with less than rank 5; then consider lower ranked projects annually during the budget development process. The motion was seconded by Director Reely, a roll call vote was made and passed with 78%.

AYES: Albano, Bantilan, Jackson, Klinchuch, Reely, Wooster, Young, Yurosek, Zenger

NOES: None

ABSTAIN: None

ABSENT: Anslem, Williams

d. Discuss and Take Appropriate Action on Fiscal Year 2025-2026 Budget Components

Mr. Blakslee provided an overview of the Fiscal Year 2025-2026 Budget Components; he noted the added and removed items from the previous year's components.

There were no comments on this item.

e. Consider Fee Equity

Mr. Beck briefly discussed fee equity, which is revisited each year. The board decided not to consider fee equity changes at this time and will revisit the issue next year.

f. Discuss and Take Appropriate Action on Landowner CIMIS Station Installation Proposal

Mr. Blakslee provided an update on CIMIS Stations in the basin and reported a new proposed site on Sunridge Nurseries' property. He also reviewed the station installation quote from Cuyama Orchards and that staff is looking for approval of the quote.

MOTION

Director Young made a motion to approve the CIMIS installation quote proposal. The motion was seconded by Director Wooster, a roll call vote was made and passed with 71%.

AYES: Bantilan, Jackson, Klinchuch, Reely, Wooster, Young, Yurosek, Zenger
 NOES: None
 ABSTAIN: Albano
 ABSENT: Anslem, Williams

12. GSA Administration

a. Discuss and Take Appropriate Action on GSA Insurance Renewal

Mr. Blakslee provided a brief overview of the GSA insurance renewal and reported a 26% increase in the insurance policy cost (from \$17,000 to \$21,785).

MOTION

Director Albano made a motion to approve the GSA insurance renewal. The motion was seconded by Director Reely, a roll call vote was made and passed with 71%.

AYES: Albano, Bantilan, Klinchuch, Jackson, Reely, Wooster, Young, Zenger
 NOES: None
 ABSTAIN: Yurosek
 ABSENT: Anslem, Williams

b. Discuss and Take Appropriate Action on Financial Controls Policy

Mr. Blakslee provided an overview of the financial controls policy and presented three options: keeping the current process, changing payments to the Bakersfield office, or including a board member (specifically the treasurer) for management oversight. He

reviews the potential options for the Financial Controls Policy. Mr. Beck commented that options two and three would increase costs.

MOTION

Director Young made a motion to keep current financial controls policy process. The motion was seconded by Director Jackson, a roll call vote was made and passed with 64%.

AYES: Albano, Bantilan, Klinchuch, Jackson, Reely, Young, Zenger
NOES: Wooster, Yurosek
ABSTAIN: None
ABSENT: Anslem, Williams

REPORT ITEMS

13. Update on Farm Unit Modification Application Process

Mr. Blakslee provided an overview of the farm unit process and process and reported that the ad hoc discussed developing a simply application form for board approval and recommended considering the policy when the problem arises.

14. Update on Potential Non-Reporting Pumpers

Mr. Blakslee briefly reviewed the methodology approved to identify potential non-reporting pumpers and the preliminary list of non-reported pumpers is short. He noted that they are now using Land IQ irrigated footprint data.

15. Administrative Updates

a. Report of the Executive Director

Mr. Blakslee provided an overview of the budget to actuals for the GSA and for consultants for 2024 and 2025.

b. Report of the General Counsel

Nothing to report.

16. Technical Updates

a. Update on Groundwater Sustainability Plan Activities

Mr. Van Lienden noted that updates on GSP Activities, which are provided in the Board packet.

b. Update on Grant-Funded Projects

Mr. Van Lienden briefly provided an overview on grant-funded projects, which is provided in the board packet. He noted that the public comment portal is open to provide comments on the Updated GSP and Periodic Evaluation.

Director Albano asked when newly added wells will be in the Data management system. Mr. Van Lienden responded that measurements will be included soon.

c. Update on January 2025 Groundwater Conditions Report

Mr. Van Lienden briefly reviewed the January Groundwater Conditions Report, which is provided in the Board packet. He reported that three wells have moved above the minimum threshold since October.

Director Albano asked if there is an easier way to identify wells on the data management System. Mr. Van Lienden responded that there will be a “go to well” button on the DMS updates.

17. Report of Ad Hoc Committees

Nothing to report.

18. Directors’ Forum

Director Yurosek asked if reporting information is provided to the board and requested that historic pumping information be provided for all parcels and landowners.

Director Young asked if staff can also provide reported pumping.

The board requested that staff to provide estimated historical ET and reported pumping data for all parcels.

19. Public comment for Items Not on the Agenda

Stakeholder Christopher Mouwad emphasized the potential of the valley and CBGSA's ability to uplift the community by considering small farmers in policy. He stated the UC Davis Small Farmer’s Water Justice clinic is ready to assist. He suggested considering small farmers from the start might reduce the need for variances later. He added that the clinic sent letters requesting collaboration on legal research regarding small farmer inclusion and recommending minor, achievable actions for the GSA.

20. Correspondence

Mr. Blakslee reported the correspondence received and distributed to stakeholders.

CLOSED SESSION

21. Closed Session

At 5:25 PM, the Board adjourned to closed session. At 6:36 PM, the Board returned from closed session at which time Legal Counsel reported to the public that there was no reportable action.

22. Adjourn

Chair Bantilan adjourned the meeting at 6:36 PM.

Chair: _____

ATTEST:

Secretary: _____

DRAFT



TO: Board of Directors
Agenda Item No. 7

FROM: Taylor Blakslee, Hallmark Group

DATE: May 7, 2025

SUBJECT: Approve Payment of Bills for February and March 2025

Recommended Motion

Approve payment of the bills for February and March 2025 in the amount of \$306,904.

Discussion

Consultant invoices for the months of February and March 2025 are summarized below for consideration of Board approval.

Expense	February	March	Totals
Woodard & Curran – Technical Services	\$66,605	\$127,975	\$194,580
Hallmark – Executive Director services	\$25,848	\$19,744	\$45,592
Klein DeNatale Goldner – Legal services	\$12,109	\$8,883	\$20,992
Provost & Pritchard – Quarterly groundwater levels	\$312	\$2,369	\$2,681
USGS – Stream gauges	\$0	\$13,150	\$13,150
In-Situ, Inc – Transducers	\$0	\$29,909	\$29,909
TOTALS	\$104,874	\$202,030	\$306,904



TO: Board of Directors
Agenda Item No. 8

FROM: Taylor Blakslee, Hallmark Group

DATE: May 7, 2025

SUBJECT: Approve Financial Reports for February and March 2025

Recommended Motion

Approve financial reports for February and March 2025.

Discussion

The Cuyama Basin Groundwater Sustainability Agency's financial report for February 2025 is provided as Attachment 1 and the financial report for March 2025 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 2025

CUYAMA BASIN GSA
Statement of Financial Position
As of February 28, 2025

19

	Feb 28, 25	Feb 29, 24	\$ Change	% Change
ASSETS				
Current Assets				
Checking/Savings				
Chase - General Checking	1,573,388	1,426,747	146,640	10%
Total Checking/Savings	1,573,388	1,426,747	146,640	10%
Accounts Receivable				
Accounts Receivable	797,745	976,298	-178,554	-18%
Total Accounts Receivable	797,745	976,298	-178,554	-18%
Total Current Assets	2,371,132	2,403,046	-31,913	-1%
TOTAL ASSETS	2,371,132	2,403,046	-31,913	-1%
LIABILITIES & EQUITY				
Liabilities				
Current Liabilities				
Accounts Payable				
Accounts Payable	386,615	953,224	-566,609	-59%
Total Accounts Payable	386,615	953,224	-566,609	-59%
Other Current Liabilities				
New/Repl Well Deposits	3,100	2,200	900	41%
Total Other Current Liabilities	3,100	2,200	900	41%
Total Current Liabilities	389,715	955,424	-565,709	-59%
Total Liabilities	389,715	955,424	-565,709	-59%
Equity				
Unrestricted Net Assets	2,346,115	2,080,948	265,167	13%
Net Income	-364,698	-633,326	268,629	42%
Total Equity	1,981,418	1,447,622	533,796	37%
TOTAL LIABILITIES & EQUITY	2,371,132	2,403,046	-31,913	-1%

CUYAMA BASIN GSA
Receipts and Disbursements
As of February 28, 2025

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Type	Date	Num	Name	Debit	Credit
Chase - General Checking					
Payment	07/10/2024	21016	Groundwater Extraction Fees:Apache Canyon Ranch, Inc	1,639.80	
Payment	07/10/2024	6585029	Groundwater Extraction Fees:Karam Pistachio Farm	2,401.90	
Payment	07/10/2024	2723	Groundwater Extraction Fees:CCSH Farms	497.00	
Payment	07/10/2024	1529	Groundwater Extraction Fees:Brodiaea, Inc	3,991.73	
Payment	07/10/2024	438	Groundwater Extraction Fees:Bosma and Ricci	122.55	
Payment	07/10/2024	1002	Groundwater Extraction Fees:Boyajian, Tanner	40.00	
Payment	07/10/2024	556946	Groundwater Extraction Fees:Perkins Ranch	566.48	
Payment	07/10/2024	556946	Groundwater Extraction Fees:Bolthouse Land Co, LLC	39,047.19	
Payment	07/10/2024	252	Groundwater Extraction Fees:Anderson Development	10.35	
Payment	07/10/2024	22783	Groundwater Extraction Fees:Cuyama Orchards, Inc	4,376.09	
Payment	07/10/2024	8418	Groundwater Extraction Fees:Buck, Ann	522.00	
Payment	07/10/2024	2251	Groundwater Extraction Fees:Highland Vineyard SB, LLC	9,160.00	
Payment	07/10/2024	525138	Groundwater Extraction Fees:E & B Natural Resources Mgmt ...	121.75	
Payment	07/24/2024	806	Groundwater Extraction Fees:Lewis, David	177.06	
Payment	07/24/2024	511533	Groundwater Extraction Fees:Grimmway Enterprises, Inc	61,259.40	
Payment	07/24/2024	1739	Groundwater Extraction Fees:Caliente Ranch	22.38	
Deposit	07/24/2024	134526	Farm Pump and Irrigation Co.	1,200.00	
Payment	07/24/2024	2776	Groundwater Extraction Fees:Adam Family	16.94	
Payment	07/24/2024	10332	Groundwater Extraction Fees:JHP Global, Inc	1,826.40	
Bill Pmt -Check	07/31/2024	1183	BC2 Environmental		237,303.32
Payment	08/13/2024	84237	Groundwater Extraction Fees:H Lima Company	12.38	
Payment	08/13/2024	808	Groundwater Extraction Fees:Lewis, David	10.00	
Payment	08/13/2024	557015	Groundwater Extraction Fees:Lear Real Estate Ent LLC	2,841.05	
Payment	08/13/2024	10364	Groundwater Extraction Fees:JHP Global, Inc	182.64	
Bill Pmt -Check	08/21/2024		Klein DeNatale Goldner	0.00	
Payment	09/06/2024	53066	Groundwater Extraction Fees:Cuyama Dairy Farm	1,153.63	
Payment	09/30/2024	557682	Groundwater Extraction Fees:Lear Real Estate Ent LLC	284.11	
Payment	09/30/2024	53134	Groundwater Extraction Fees:Cuyama Dairy Farm	115.37	
Payment	09/30/2024	05-523675	Department of Water Resources	531,145.52	
Check	10/03/2024	Svc Fee	Chase Bank		95.00
Bill Pmt -Check	10/09/2024	1184	BC2 Environmental		315,353.70
Bill Pmt -Check	10/09/2024	1185	HGCPM, Inc.		22,670.41
Bill Pmt -Check	10/09/2024	1186	Klein DeNatale Goldner		13,846.42
Bill Pmt -Check	10/09/2024	1187	Provost & Pritchard Consulting Group		728.00
Bill Pmt -Check	10/09/2024	1188	U.S. Geological Survey		13,150.00
Bill Pmt -Check	10/09/2024	1189	Woodard & Curran Inc		187,468.18
Payment	11/27/2024	05-579377	Department of Water Resources	1,430,117.16	
Bill Pmt -Check	11/27/2024	1190	BC2 Environmental		443,384.91
Bill Pmt -Check	11/27/2024	1191	Daniells Phillips Vaughan & Bock		9,000.00
Bill Pmt -Check	11/27/2024	1192	HGCPM, Inc.		79,444.30
Bill Pmt -Check	11/27/2024	1193	Klein DeNatale Goldner		45,136.44
Bill Pmt -Check	11/27/2024	1194	Provost & Pritchard Consulting Group		17,850.50
Bill Pmt -Check	11/27/2024	1195	U.S. Geological Survey		13,150.00
Bill Pmt -Check	11/27/2024	1196	Woodard & Curran Inc		783,998.61
Payment	12/31/2024	05-606910	Department of Water Resources	2,528,410.54	
Bill Pmt -Check	01/15/2025	1197	BC2 Environmental		339,952.50
Bill Pmt -Check	01/15/2025	1198	HGCPM, Inc.		100,558.88
Bill Pmt -Check	01/15/2025	1199	Klein DeNatale Goldner		70,744.09
Bill Pmt -Check	01/15/2025	1200	Provost & Pritchard Consulting Group		6,535.20
Bill Pmt -Check	01/15/2025	1201	Woodard & Curran Inc		534,800.15
Total Chase - General Checking				4,621,271.42	3,235,170.61
TOTAL				4,621,271.42	3,235,170.61

CUYAMA BASIN GSA
A/R Aging Summary
As of February 28, 2025

	Current	1 - 30	31 - 60	61 - 90	> 90	TOTAL
Department of Water Resources	0	0	372,835	0	0	372,835
Groundwater Extraction Fees						
Duncan Family Farms	0	0	0	0	424,909	424,909
Total Groundwater Extraction Fees	0	0	0	0	424,909	424,909
TOTAL	0	0	372,835	0	424,909	797,745

CUYAMA BASIN GSA
A/P Aging Summary
As of February 28, 2025

	Current	1 - 30	31 - 60	61 - 90	> 90	TOTAL
CA Assoc of Mutual Water Companies	0	0	100	0	0	100
Daniells Phillips Vaughan & Bock	0	500	0	0	0	500
HGCPM, Inc.	25,848	29,344	11,101	0	0	66,293
Klein DeNatale Goldner	12,109	18,050	6,048	0	0	36,206
Provost & Pritchard Consulting Group	312	11,478	29,179	0	0	40,969
U.S. Geological Survey	0	0	13,150	0	0	13,150
Woodard & Curran Inc	66,605	100,835	61,956	0	0	229,397
TOTAL	104,874	160,207	121,534	0	0	386,615

CUYAMA BASIN GSA

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Statement of Operations with Budget Variance

July 2024 through February 2025

	Jul '24 - Feb 25	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
Direct Public Funds				
Groundwater Extraction Fees	171,177	175,000	-3,823	98%
Grant Reimbursements	1,436,918	1,006,000	430,918	143%
GWE Late Fees	602	0	602	100%
Total Direct Public Funds	1,608,697	1,181,000	427,697	136%
Total Income	1,608,697	1,181,000	427,697	136%
Cost of Goods Sold				
Program Expenses				
Technical Consulting				
Monitoring Network Enhancements	602,707	497,383	105,324	121%
GSP Implementation - W&C	106,031	143,498	-37,467	74%
Stakeholder Engagement	115,346	86,450	28,896	133%
Technical Support for DWR	0	14,000	-14,000	0%
Outreach	7,560	22,826	-15,266	33%
Grant Proposals	0	29,400	-29,400	0%
Grant Administration	76,198	78,750	-2,553	97%
Improve Basin Water Use Info	27,708	50,400	-22,693	55%
Project & Mgmt Action Impl	145,592	89,600	55,992	162%
5 Year GSP Update - Technical	351,785	309,802	41,983	114%
Fault Investigation	119,307	121,867	-2,560	98%
Well Permit Review - Technical	0	8,400	-8,400	0%
GSP Development	0	28,000	-28,000	0%
Total Technical Consulting	1,552,234	1,480,376	71,858	105%
Other Technical Consulting				
Monitoring Network	54,437	45,336	9,101	120%
Stream Gauge Maintenance	26,300	28,324	-2,024	93%
Total Other Technical Consulting	80,737	73,660	7,077	110%
Total Program Expenses	1,632,971	1,554,036	78,935	105%
Total COGS	1,632,971	1,554,036	78,935	105%
Gross Profit	-24,274	-373,036	348,762	7%
Expense				
General and Administrative				
Executive Director				
Board Meetings	100,231	85,000	15,231	118%
Consult Mgmt and GSP Devel	40,925	49,054	-8,129	83%
Financial Information Coor	33,181	31,723	1,458	105%
Funding - GWE Fees	5,763	1,800	3,963	320%
Outreach	16,525	7,899	8,626	209%
Adjudication Support	1,825	1,426	399	128%
Management Area Admin	9,638	8,669	969	111%
5-Year GSP Update - Admin	0	13,419	-13,419	0%
Water Use Enforcement	88	16,940	-16,853	1%
Well Permit Review - Admin	0	1,332	-1,332	0%
Travel and Direct Costs	3,462	3,262	200	106%
Total Executive Director	211,637	220,524	-8,887	96%

CUYAMA BASIN GSA
Statement of Operations with Budget Variance
July 2024 through February 2025

24

	Jul '24 - Feb 25	Budget	\$ Over Budget	% of Budget
Other Administrative				
Legal	112,749	166,668	-53,919	68%
Audit Fees	9,500	10,000	-500	95%
Bank Service Fees	95	0	95	100%
Printing and Copying	3,470	4,000	-530	87%
Other Admin Expense	2,431	200	2,231	1,215%
Postage	543	0	543	100%
Contingency	0	13,332	-13,332	0%
Total Other Administrative	128,787	194,200	-65,413	66%
Total General and Administrative	340,424	414,724	-74,300	82%
Total Expense	340,424	414,724	-74,300	82%
Net Ordinary Income	-364,698	-787,760	423,062	46%
Net Income	-364,698	-787,760	423,062	46%

CUYAMA BASIN GSA
FY 24/25 Budget
July 2024 - June 2025

25

	<u>Jul '24 - Jun 25</u>
Ordinary Income/Expense	
Income	
Direct Public Funds	
Groundwater Extraction Fees	175,000
Grant Reimbursements	1,670,000
Total Direct Public Funds	<u>1,845,000</u>
Total Income	1,845,000
Cost of Goods Sold	
Program Expenses	
Technical Consulting	
Monitoring Network Enhancements	497,383
GSP Implementation - W&C	215,250
Stakeholder Engagement	114,450
Technical Support for DWR	21,000
Outreach	30,410
Grant Proposals	44,100
Grant Administration	105,000
Improve Basin Water Use Info	75,600
Project & Mgmt Action Impl	134,400
5 Year GSP Update - Technical	309,802
Fault Investigation	121,867
Well Permit Review - Technical	12,600
GSP Development	42,000
Total Technical Consulting	1,723,862
Other Technical Consulting	
Monitoring Network	68,000
Stream Gauge Maintenance	56,650
Total Other Technical Consulting	<u>124,650</u>
Total Program Expenses	<u>1,848,512</u>
Total COGS	<u>1,848,512</u>
Gross Profit	-3,512
Expense	
General and Administrative	
Executive Director	
Board Meetings	110,990
Consult Mgmt and GSP Devel	73,578
Financial Information Coord	47,587
Funding - GWE Fees	5,830
Outreach	11,847
Adjudication Support	2,138
Management Area Admin	13,005
5-Year GSP Update - Admin	20,131
Water Use Enforcement	25,400
Well Permit Review - Admin	2,000
Travel and Direct Costs	4,894
Total Executive Director	317,400
Other Administrative	
Legal	250,000
Insurance Policies	17,000
Audit Fees	10,000
Printing and Copying	4,000
Other Admin Expense	200
Contingency	20,000
Total Other Administrative	<u>301,200</u>
Total General and Administrative	<u>618,600</u>
Total Expense	<u>618,600</u>
Net Ordinary Income	<u>-622,112</u>
Net Income	<u><u>-622,112</u></u>

Note: The FY24/25 Budget Includes Woodard & Curran Contract Amendments 1 and 2



Cuyama Basin GSA

Financial Statements
March 2025

CUYAMA BASIN GSA
Statement of Financial Position
As of March 31, 2025

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	Mar 31, 25	Mar 31, 24	\$ Change	% Change
ASSETS				
Current Assets				
Checking/Savings				
Chase - General Checking	1,270,227	947,090	323,137	34%
Total Checking/Savings	1,270,227	947,090	323,137	34%
Accounts Receivable				
Accounts Receivable	1,184,345	2,406,416	-1,222,071	-51%
Total Accounts Receivable	1,184,345	2,406,416	-1,222,071	-51%
Total Current Assets	2,454,572	3,353,506	-898,934	-27%
TOTAL ASSETS	2,454,572	3,353,506	-898,934	-27%
LIABILITIES & EQUITY				
Liabilities				
Current Liabilities				
Accounts Payable				
Accounts Payable	306,904	1,247,066	-940,162	-75%
Total Accounts Payable	306,904	1,247,066	-940,162	-75%
Other Current Liabilities				
New/Repl Well Deposits	3,100	2,200	900	41%
Total Other Current Liabilities	3,100	2,200	900	41%
Total Current Liabilities	310,004	1,249,266	-939,262	-75%
Total Liabilities	310,004	1,249,266	-939,262	-75%
Equity				
Unrestricted Net Assets	2,346,115	2,080,948	265,167	13%
Net Income	-201,547	23,292	-224,839	-965%
Total Equity	2,144,568	2,104,240	40,328	2%
TOTAL LIABILITIES & EQUITY	2,454,572	3,353,506	-898,934	-27%

CUYAMA BASIN GSA
Receipts and Disbursements
As of March 31, 2025

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Type	Date	Num	Name	Debit	Credit
Chase - General Checking					
Payment	07/10/2024	21016	Groundwater Extraction Fees:Apache Canyon Ranch, Inc	1,639.80	
Payment	07/10/2024	6585029	Groundwater Extraction Fees:Karam Pistachio Farm	2,401.90	
Payment	07/10/2024	2723	Groundwater Extraction Fees:CCSH Farms	497.00	
Payment	07/10/2024	1529	Groundwater Extraction Fees:Brodiaea, Inc	3,991.73	
Payment	07/10/2024	438	Groundwater Extraction Fees:Bosma and Ricci	122.55	
Payment	07/10/2024	1002	Groundwater Extraction Fees:Boyajian, Tanner	40.00	
Payment	07/10/2024	556946	Groundwater Extraction Fees:Perkins Ranch	566.48	
Payment	07/10/2024	556946	Groundwater Extraction Fees:Bolthouse Land Co, LLC	39,047.19	
Payment	07/10/2024	252	Groundwater Extraction Fees:Anderson Development	10.35	
Payment	07/10/2024	22783	Groundwater Extraction Fees:Cuyama Orchards, Inc	4,376.09	
Payment	07/10/2024	8418	Groundwater Extraction Fees:Buck, Ann	522.00	
Payment	07/10/2024	2251	Groundwater Extraction Fees:Highland Vineyard SB, LLC	9,160.00	
Payment	07/10/2024	525138	Groundwater Extraction Fees:E & B Natural Resources Mgmt ...	121.75	
Payment	07/24/2024	806	Groundwater Extraction Fees:Lewis, David	177.06	
Payment	07/24/2024	511533	Groundwater Extraction Fees:Grimmway Enterprises, Inc	61,259.40	
Payment	07/24/2024	1739	Groundwater Extraction Fees:Caliente Ranch	22.38	
Deposit	07/24/2024	134526	Farm Pump and Irrigation Co.	1,200.00	
Payment	07/24/2024	2776	Groundwater Extraction Fees:Adam Family	16.94	
Payment	07/24/2024	10332	Groundwater Extraction Fees:JHP Global, Inc	1,826.40	
Bill Pmt -Check	07/31/2024	1183	BC2 Environmental		237,303.32
Payment	08/13/2024	84237	Groundwater Extraction Fees:H Lima Company	12.38	
Payment	08/13/2024	808	Groundwater Extraction Fees:Lewis, David	10.00	
Payment	08/13/2024	557015	Groundwater Extraction Fees:Lear Real Estate Ent LLC	2,841.05	
Payment	08/13/2024	10364	Groundwater Extraction Fees:JHP Global, Inc	182.64	
Bill Pmt -Check	08/21/2024		Klein DeNatale Goldner	0.00	
Payment	09/06/2024	53066	Groundwater Extraction Fees:Cuyama Dairy Farm	1,153.63	
Payment	09/30/2024	557682	Groundwater Extraction Fees:Lear Real Estate Ent LLC	284.11	
Payment	09/30/2024	53134	Groundwater Extraction Fees:Cuyama Dairy Farm	115.37	
Payment	09/30/2024	05-523675	Department of Water Resources	531,145.52	
Check	10/03/2024	Svc Fee	Chase Bank		95.00
Bill Pmt -Check	10/09/2024	1184	BC2 Environmental		315,353.70
Bill Pmt -Check	10/09/2024	1185	HGCPM, Inc.		22,670.41
Bill Pmt -Check	10/09/2024	1186	Klein DeNatale Goldner		13,846.42
Bill Pmt -Check	10/09/2024	1187	Provost & Pritchard Consulting Group		728.00
Bill Pmt -Check	10/09/2024	1188	U.S. Geological Survey		13,150.00
Bill Pmt -Check	10/09/2024	1189	Woodard & Curran Inc		187,468.18
Payment	11/27/2024	05-579377	Department of Water Resources	1,430,117.16	
Bill Pmt -Check	11/27/2024	1190	BC2 Environmental		443,384.91
Bill Pmt -Check	11/27/2024	1191	Daniells Phillips Vaughan & Bock		9,000.00
Bill Pmt -Check	11/27/2024	1192	HGCPM, Inc.		79,444.30
Bill Pmt -Check	11/27/2024	1193	Klein DeNatale Goldner		45,136.44
Bill Pmt -Check	11/27/2024	1194	Provost & Pritchard Consulting Group		17,850.50
Bill Pmt -Check	11/27/2024	1195	U.S. Geological Survey		13,150.00
Bill Pmt -Check	11/27/2024	1196	Woodard & Curran Inc		783,998.61
Payment	12/31/2024	05-606910	Department of Water Resources	2,528,410.54	
Bill Pmt -Check	01/15/2025	1197	BC2 Environmental		339,952.50
Bill Pmt -Check	01/15/2025	1198	HGCPM, Inc.		100,558.88
Bill Pmt -Check	01/15/2025	1199	Klein DeNatale Goldner		70,744.09
Bill Pmt -Check	01/15/2025	1200	Provost & Pritchard Consulting Group		6,535.20
Bill Pmt -Check	01/15/2025	1201	Woodard & Curran Inc		534,800.15
Bill Pmt -Check	03/05/2025	1202	CA Assoc of Mutual Water Companies		100.00
Bill Pmt -Check	03/05/2025	1203	Daniells Phillips Vaughan & Bock		500.00
Bill Pmt -Check	03/05/2025	1204	HGCPM, Inc.		40,444.89
Bill Pmt -Check	03/05/2025	1205	Klein DeNatale Goldner		24,097.40
Bill Pmt -Check	03/05/2025	1206	Provost & Pritchard Consulting Group		40,656.75
Bill Pmt -Check	03/05/2025	1207	U.S. Geological Survey		13,150.00
Bill Pmt -Check	03/05/2025	1208	Woodard & Curran Inc		162,791.68
Bill Pmt -Check	03/24/2025	1209	In-Situ, Inc.	0.00	
Bill Pmt -Check	03/24/2025	1210	Insurica		21,420.00
Total Chase - General Checking				4,621,271.42	3,538,331.33
TOTAL				4,621,271.42	3,538,331.33

CUYAMA BASIN GSA
A/R Aging Summary
As of March 31, 2025

	Current	1 - 30	31 - 60	61 - 90	> 90	TOTAL
Department of Water Resources	386,600	0	0	372,835	0	759,435
Groundwater Extraction Fees						
Duncan Family Farms	0	0	0	0	424,909	424,909
Total Groundwater Extraction Fees	0	0	0	0	424,909	424,909
TOTAL	386,600	0	0	372,835	424,909	1,184,345

CUYAMA BASIN GSA
A/P Aging Summary
As of March 31, 2025

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	Current	1 - 30	31 - 60	61 - 90	> 90	TOTAL
HGCPM, Inc.	19,744	0	25,848	0	0	45,592
In-Situ, Inc.	29,909	0	0	0	0	29,909
Klein DeNatale Goldner	8,883	0	12,109	0	0	20,992
Provost & Pritchard Consulting Group	2,369	0	312	0	0	2,681
U.S. Geological Survey	13,150	0	0	0	0	13,150
Woodard & Curran Inc	127,975	0	66,605	0	0	194,580
TOTAL	202,030	0	104,874	0	0	306,904

CUYAMA BASIN GSA
Statement of Operations with Budget Variance
July 2024 through March 2025

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	Jul '24 - Mar 25	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
Direct Public Funds				
Groundwater Extraction Fees	171,177	175,000	-3,823	98%
Grant Reimbursements	1,823,518	1,333,000	490,518	137%
GWE Late Fees	602	0	602	100%
Total Direct Public Funds	1,995,297	1,508,000	487,297	132%
Total Income	1,995,297	1,508,000	487,297	132%
Cost of Goods Sold				
Program Expenses				
Technical Consulting				
Adjudication Support	81,639	0	81,639	100%
Monitoring Network Enhancements	643,269	497,383	145,886	129%
GSP Implementation - W&C	109,129	161,436	-52,307	68%
Stakeholder Engagement	118,751	93,450	25,301	127%
Technical Support for DWR	0	15,750	-15,750	0%
Outreach	7,560	24,722	-17,162	31%
Grant Proposals	0	33,075	-33,075	0%
Grant Administration	80,580	78,750	1,830	102%
Improve Basin Water Use Info	38,508	56,700	-18,193	68%
Project & Mgmt Action Impl	159,591	100,800	58,791	158%
5 Year GSP Update - Technical	351,785	309,802	41,983	114%
Fault Investigation	119,307	121,867	-2,560	98%
Well Permit Review - Technical	0	9,450	-9,450	0%
GSP Development	0	31,500	-31,500	0%
Total Technical Consulting	1,710,119	1,534,685	175,434	111%
Other Technical Consulting				
Monitoring Network	56,806	51,002	5,804	111%
Stream Gauge Maintenance	39,450	42,487	-3,037	93%
Total Other Technical Consulting	96,256	93,489	2,767	103%
Total Program Expenses	1,806,374	1,628,174	178,200	111%
Total COGS	1,806,374	1,628,174	178,200	111%
Gross Profit	188,923	-120,174	309,097	-157%
Expense				
General and Administrative				
Executive Director				
Board Meetings	108,825	85,000	23,825	128%
Consult Mgmt and GSP Devel	47,281	55,185	-7,904	86%
Financial Information Coord	35,844	35,689	155	100%
Funding - GWE Fees	6,113	1,800	4,313	340%
Outreach	17,306	8,886	8,420	195%
Adjudication Support	2,613	1,604	1,009	163%
Management Area Admin	9,638	9,753	-116	99%
5-Year GSP Update - Admin	0	15,097	-15,097	0%
Water Use Enforcement	88	19,055	-18,968	0%
Well Permit Review - Admin	0	1,499	-1,499	0%
Travel and Direct Costs	3,632	3,670	-38	99%
Total Executive Director	231,338	237,238	-5,900	98%

CUYAMA BASIN GSA
Statement of Operations with Budget Variance
July 2024 through March 2025

32

	Jul '24 - Mar 25	Budget	\$ Over Budget	% of Budget
Other Administrative				
Legal	121,577	187,501	-65,925	65%
Insurance Policies	21,420	17,000	4,420	126%
Audit Fees	9,500	10,000	-500	95%
Bank Service Fees	95	0	95	100%
Printing and Copying	3,513	4,000	-487	88%
Other Admin Expense	2,486	200	2,286	1,243%
Postage	543	0	543	100%
Contingency	0	14,999	-14,999	0%
Total Other Administrative	159,133	233,700	-74,567	68%
Total General and Administrative	390,471	470,938	-80,467	83%
Total Expense	390,471	470,938	-80,467	83%
Net Ordinary Income	-201,547	-591,112	389,565	34%
Net Income	-201,547	-591,112	389,565	34%

CUYAMA BASIN GSA
FY 24/25 Budget
July 2024 - June 2025

33

	<u>Jul '24 - Jun 25</u>
Ordinary Income/Expense	
Income	
Direct Public Funds	
Groundwater Extraction Fees	175,000
Grant Reimbursements	1,670,000
Total Direct Public Funds	<u>1,845,000</u>
Total Income	1,845,000
Cost of Goods Sold	
Program Expenses	
Technical Consulting	
Monitoring Network Enhancements	497,383
GSP Implementation - W&C	215,250
Stakeholder Engagement	114,450
Technical Support for DWR	21,000
Outreach	30,410
Grant Proposals	44,100
Grant Administration	105,000
Improve Basin Water Use Info	75,600
Project & Mgmt Action Impl	134,400
5 Year GSP Update - Technical	309,802
Fault Investigation	121,867
Well Permit Review - Technical	12,600
GSP Development	42,000
Total Technical Consulting	1,723,862
Other Technical Consulting	
Monitoring Network	68,000
Stream Gauge Maintenance	56,650
Total Other Technical Consulting	<u>124,650</u>
Total Program Expenses	<u>1,848,512</u>
Total COGS	<u>1,848,512</u>
Gross Profit	-3,512
Expense	
General and Administrative	
Executive Director	
Board Meetings	110,990
Consult Mgmt and GSP Devel	73,578
Financial Information Coord	47,587
Funding - GWE Fees	5,830
Outreach	11,847
Adjudication Support	2,138
Management Area Admin	13,005
5-Year GSP Update - Admin	20,131
Water Use Enforcement	25,400
Well Permit Review - Admin	2,000
Travel and Direct Costs	4,894
Total Executive Director	317,400
Other Administrative	
Legal	250,000
Insurance Policies	17,000
Audit Fees	10,000
Printing and Copying	4,000
Other Admin Expense	200
Contingency	20,000
Total Other Administrative	<u>301,200</u>
Total General and Administrative	<u>618,600</u>
Total Expense	<u>618,600</u>
Net Ordinary Income	<u>-622,112</u>
Net Income	<u><u>-622,112</u></u>

Note: The FY24/25 Budget Includes Woodard & Curran Contract Amendments 1 and 2



TO: Board of Directors
Agenda Item No. 9a

FROM: Taylor Blakslee

DATE: May 7, 2025

SUBJECT: Discuss and Take Appropriate Action on the Fiscal Year 2025-2026 Budget and Cash Flow

Recommended Motion

Approve the Fiscal Year 2025-2026 Budget and cash flow.

Discussion

On March 5, 2025, staff reviewed the draft Fiscal Year 2025-2026 budget component list (developed with the budget ad hoc Directors [Matt Young, Jane Wooster, and Katelyn Zenger]) with the Board of Directors. The draft Fiscal Year 2025-2026 budget and cash flow are included for Board review/direction and consideration of approval.

Below are the following attachments for the Board's review of the Fiscal Year 2025-2026 budget:

Attachments:

1. Overview slides of the budget development process and coordination with the project prioritization process
2. Draft Fiscal Year 2025-2026 Budget
3. Draft Fiscal Year 2025-2026 Cash Flow
4. Specific project prioritization budget assumptions (the ad hoc reviewed these assumptions and provided feedback on staff regarding specific assumptions for budget development purposes)
5. Project Prioritization detailed cost estimates

Cuyama Basin Groundwater Sustainability Agency

9a. Discuss and Take Appropriate Action on the Fiscal Year 2025-2026 Budget and Cash Flow

Taylor Blakslee

May 7, 2025



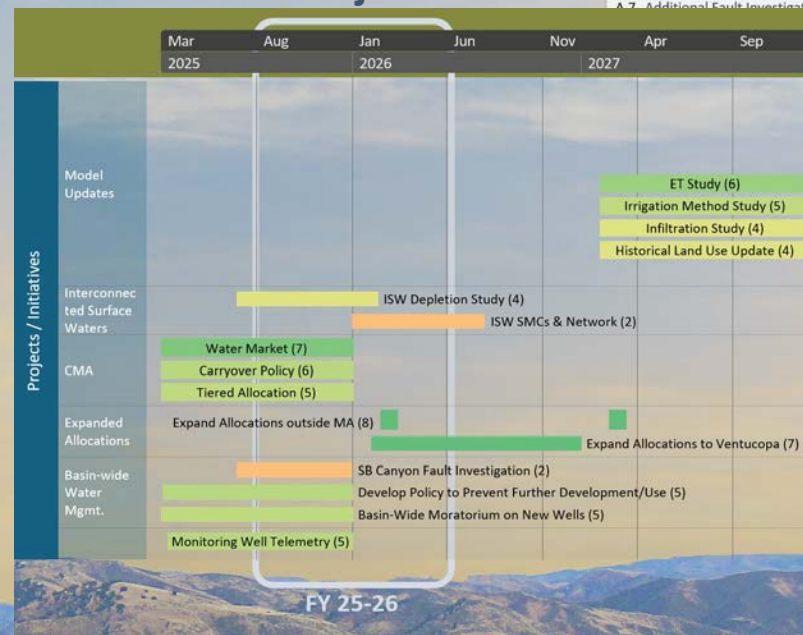
Background

- **Jan 31:** Groundwater use for 2024 due to staff
- **Feb 18:** Budget ad hoc met to review the budget component list
- **Mar 5:** Staff presented the budget component list to the Board and reviewed the project priorities.
- **Apr 9:** Budget ad hoc met to review priority assumptions
- **Apr 23:** Budget ad hoc met to review final draft budget and revised project assumption sheet

March 5, 2025 Board Direction

Board Motion:
Direct staff to further investigate items scheduled in the Fiscal Year 2025-2026 as presented by staff, with the inclusion of B.10 and come back with preliminary budget and present to the board in May; then consider lower ranked projects (0-4) annually during the budget development process.

FY 2025-2026 Projects + B.10

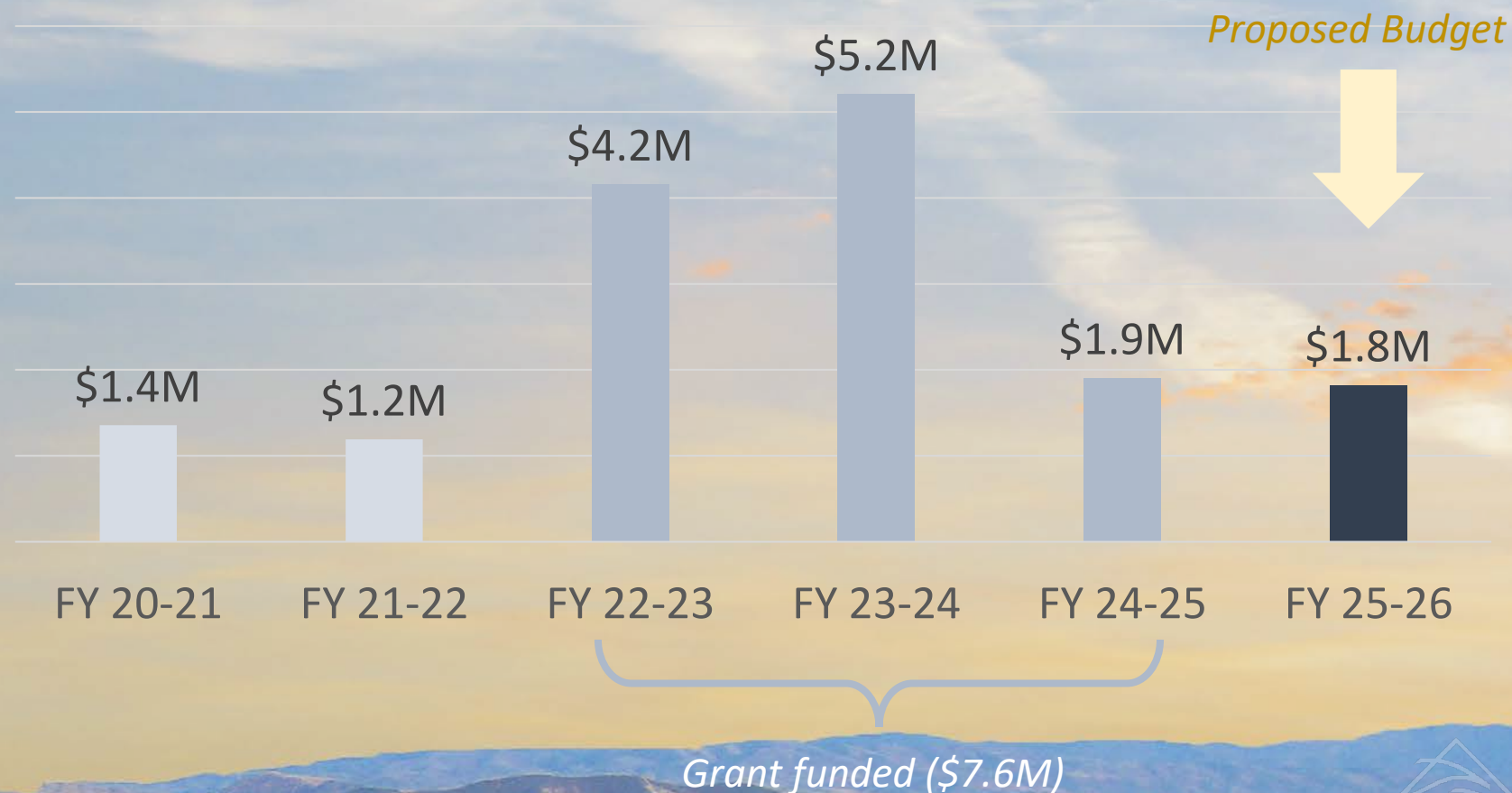


Lower Ranked Projects

Category	Title	Est. Level of Effort	Board Rank	SAC Rank
C.5 Projects GSP Projects	Flow Meter Calibration Program	Medium	4	3
A.3 Model Updates	Deep Percolation Study	High	3	4
A.9 Basin Understanding	3D Basin Map	Unknown	3	2
A.16 Land Use	Land Repurposing Grants / Incentives	Unknown	3	2
A.14 Groundwater Monitoring Network	New Monitoring Wells	High	3	1
A.11 Basin Understanding	Water Age Testing	Unknown	2	4
A.17 Land Use	Irrigation Efficiency Grants / Incentives	Unknown	2	4
B.9 MA Basin-Wide Water Mgmt. Policies	Analyze Geochem of Water	Unknown	2	3
A.8 Additional Fault Investigations	Ozena	High	2	2
A.19 Outreach	Workshops	Medium	2	1
C.10 Additional Projects	Irrigation Water Run Off Study	Unknown	2	0
A.7 Additional Fault Investigations	Russell Fault	High	1	3
	Improve Reliability of Water Supplies for Local Communities	Unknown	1	3
	Flood and Stormwater Capture - Project Feasibility Study	High	1	2
	Prescriptive Burns	Unknown	1	2
	Vegetation Management	Unknown	1	1
	Precipitation Enhancement - Project Feasibility Study	High	1	0
	Groundwater Dependent Ecosystem Enhancement	Unknown	1	0
	Irrigation Method Comparison	Unknown	1	0
	Water Supply Transfers/Exchanges	High	0	2
	Newsletters	Low	0	1

Fiscal Year 2025-2026 Budget and Cash Flow

- The draft FY 25-26 Budget totals **\$1.82M**.
- The Board directed staff to price out specific projects for further Board direction and those project costs and assumptions are included in the packet.
- Staff will review those detailed assumptions and make any budget refinements based on Board feedback.
- Staff will review the cash flow with the Board.
- **Staff is seeking Board direction/approval for a Fiscal Year 2025-2026 Budget.**

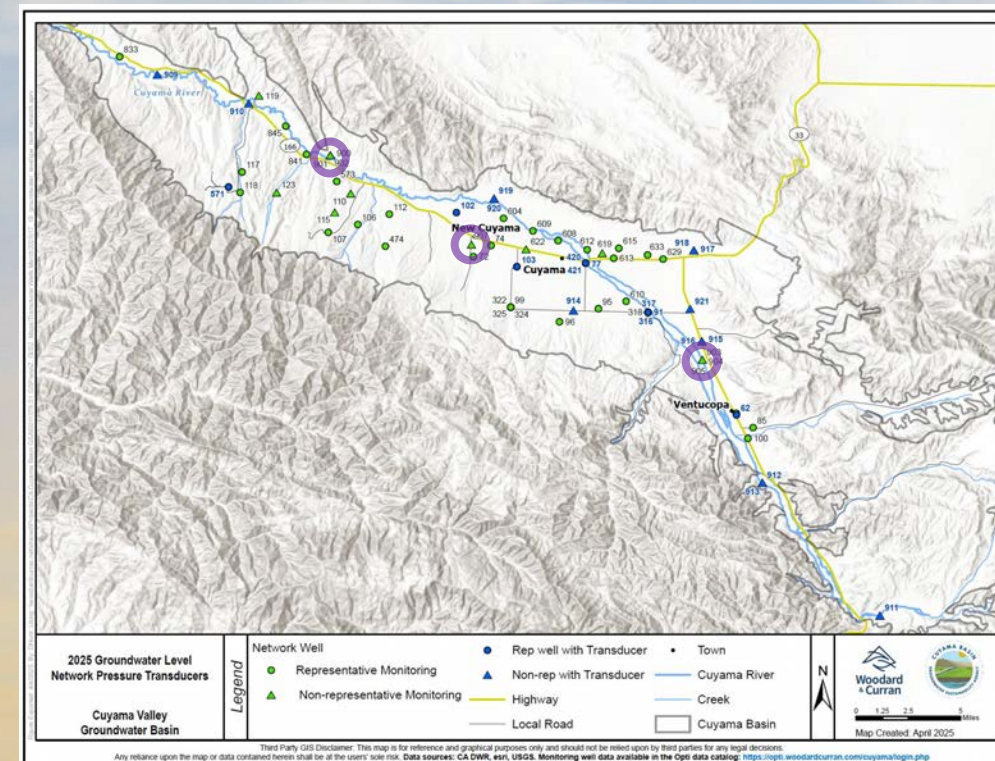


Budget Considerations

- The \$7.6M grant funding has largely concluded, however, due to delays in grant reimbursements, the cash flow supports a fee of \$10/acre-foot.
- Moving forward, all activities will be funded principally by groundwater extraction fees.
- Staff will review all budget components and specific project assumptions with the Board, but needs specific feedback on:
 - Telemetry project in specific monitoring wells
 - For the tiered allocation in the Central Management Area, does the Board want to consider this for the 2025-2029 allocations, or the 2030+ allocations?
 - Specific actions were proposed for considering expanding allocations outside the CMA (Item Nos. 4 and 5 in the project priority sheet), does this satisfy the requirements for the project titled “Implement Basin-Wide Management Plan (Including Allocations) [B.10 from the project prioritization exercise].

Feedback on Telemetry Project

- DWR installing telemetry at 3 sites (in purple circles)
- During the Project Priority process, the Board expressed interest in considering telemetry to enhance the existing monitoring network
- **Staff is looking for feedback on:**
 1. Fund the installation of telemetry at wells with existing transducers (15 sites) for a total cost of \$72,000.
 2. Do not fund additional telemetry at this time and gain experience from DWR's telemetry at 3 sites.
 3. Wait for grant funding opportunities to fund telemetry.



DRAFT CBGSA FISCAL YEAR 2025-2026 BUDGET

A		B				
CATEGORY		Grant-Funded	2024-25 Budget	2025-26 Budget	New / Removed	% Change
A HALLMARK GROUP						
1	CBGSA Board of Directors Meetings	\$	110,990	\$ 136,700		23%
2	Consultant Management and GSP Implementation	\$	73,578	\$ 50,000		-32%
3	Financial Information Coordination	\$	47,587	\$ 46,800		-2%
4	Cuyama Basin GSA Outreach	\$	11,847	\$ 20,500		73%
5	Annual Groundwater Extraction Fee	\$	5,830	\$ 12,000		106%
6	Response to DWR Comments on 2024 Amended GSP	\$	20,131	\$ 14,100		-30%
7	Groundwater Allocation Implementation	\$	13,005	\$ 2,800		-78%
8	Adjudication Coordination/Support	\$	2,138	\$ 24,095		1027%
9	Enforcement for Un-reported Water User	\$	25,400	\$ 2,000		-92%
10	Prioritization Projects/Initiatives from 3-5-25 Board Meeting				New item	
11	CMA: Water Market			\$ 5,300	New item	
12	CMA: Carryover Policy			\$ 5,200	New item	
13	CMA: Tiered Allocations			\$ 4,800	New item	
14	Expand Allocations Outside Management Area (Consider During Annual AR)			\$ 5,600	New item	
15	Expand Allocations in Ventucopa			\$ 5,600	New item	
16	Perform Additional Santa Barbara Canyon Fault Investigation			\$ -	New item	
17	Develop Policy to Prevent Further Water Use in the Basin			\$ 6,000	New item	
18	Implement Basin-Wide Management Plan (Including Allocations)			\$ -	New item	
19	ISW Update Study and Establish SMCs/Network			\$ 3,700	New item	
20	Install Telemetry for Monitoring Network			\$ 1,700	New item	
21	Other Direct Charges (Mileage, conference lines, copies)	\$	4,894	\$ -	Removed	
	Subtotal	\$	317,400	\$ 346,895		9%
B LEGAL						
1	General Legal Counsel	\$	250,000	\$ 150,000		
2	Adjudication Legal Counsel			\$ 100,000		
	Subtotal	\$	250,000	\$ 250,000		0%
C ADMIN						
1	Audit (FY 25-26)	\$	10,000	\$ 10,000		0%
2	Insurance (D&O, General Liability)	\$	17,000	\$ 21,400		26%
3	California Association of Mutual Water Co. Membership	\$	200	\$ 200		0%
4	2025 Updated Parcel Data	\$	4,000	\$ 4,000		0%
5	CIMIS Station (Initial Setup)	Y		\$ 46,500	New item	
6	CIMIS Station (Annual Operation & Maintenance)			\$ 14,000	New item	
7	Noticing (mailouts)			\$ 5,000	New item	
8	Contingency	\$	20,000	\$ 20,000		0%
	Subtotal	\$	51,200	\$ 121,100		137%
D WOODARD & CURRAN & TECHNICAL						
1	Grant Proposals	\$	44,100	\$ 45,100		2%
2	Stakeholder/Board Engagement					
3	SAC meetings	\$	28,350	\$ 24,600		-13%
4	Board meetings	\$	42,000	\$ 44,300		5%
5	Board Ad-hoc calls	\$	16,800	\$ -	Removed	
6	Tech Forum calls (new item)	\$	10,500	\$ 10,000		-5%
7	Public Workshops	\$	16,800	\$ 18,300		9%
8	Outreach					
9	General, Newsletter Development, etc.	\$	15,750	\$ 13,700		-13%
10	Website Updates - Maintenance / Hosting	\$	7,000	\$ 7,400		6%
11	Support for DWR Technical Services (TSS)	\$	21,000	\$ 10,000		-52%
12	GSP Implementation Support					
13	GSP Implementation Program Management	\$	57,750	\$ 59,200		3%
14	GW Levels and GWQ Monitoring Network Coordination and Data Mgmt - W&C	\$	21,000	\$ 21,900		4%
15	DMS Ongoing Maintenance and Enhancements	\$	26,250	\$ 5,600		-79%
16	Support for Adaptive Management of Groundwater Levels	\$	52,500	\$ 25,000		-52%
17	Prepare Annual Report for Cuyama Basin	\$	47,250	\$ 48,800		3%
18	Meter Implementation - Ongoing Support	\$	10,500	\$ -	Removed	
19	Response to DWR Comments on 2024 Amended GSP			\$ 48,500		
20	Grant Admin (SGM Round 1)	\$	105,000	\$ 30,000		-71%
21	Perform Monitoring and Monitoring Network Enhancements					
22	Install Transducers	\$	67,000	\$ -	Removed	
23	Improve Understanding of Basin Water Use					
24	Perform Annual Land Use Survey (Land IQ and Local Reporting)	\$	21,000	\$ 14,000		-33%
25	Enhance Existing CIMIS Station & Implement New Stations	\$	54,600	\$ 5,000		-91%
26	Project & Management Action Implementation					
27	Pumping Allocation Implementation	\$	52,500	\$ -	Removed	
28	Analysis of Management Action Implementation Options	\$	50,400	\$ -	Removed	
29	Prioritization Projects/Initiatives from 3-5-25 Board Meeting					
30	CMA: Water Market			\$ 1,400	New item	
31	CMA: Carryover Policy			\$ 1,600	New item	
32	CMA: Tiered Allocations			\$ 1,600	New item	

CATEGORY		Grant-Funded	2024-25 Budget	2025-26 Budget	New / Removed	% Change
33	Perform Additional Santa Barbara Canyon Fault Investigation			\$ 167,700	New item	
34	Expand Allocations Outside Management Area (Consider During Annual AR)			\$ 52,300	New item	
35	Expand Allocations in Ventucopa			\$ 39,100	New item	
36	Develop Policy to Prevent Further Water Use in the Basin			\$ 10,200	New item	
37	Implement Basin-Wide Management Plan (Including Allocations)			\$ -	New item	
38	ISW Update Study and Establish SMCs/Network			\$ 161,000	New item	
39	Install Telemetry for Monitoring Network			\$ 73,300	New item	
40	Adjudication Support (if Required)			\$ 38,450	New item	
			\$ 1,163,953	\$ 978,050		-16%
E OTHER TECHNICAL						
1	Quarterly GW Levels and Piezometer Monitoring (Contractor TBD)		\$ 43,000	\$ 50,000		16%
2	Annual WQ Monitoring (Contractor TBD)		\$ 25,000	\$ 25,000		0%
3	Annual Stream Gauge Maintenance (USGS)		\$ 56,650	\$ 53,200		-6%
Subtotal			\$ 124,650	\$ 128,200		3%
Grant Funded			\$ 1,637,009	\$ 61,500		
CBGSA Funded (Non Grant-Eligible Costs)			\$ 270,194	\$ 1,762,700		
TOTAL			\$ 1,907,203	\$ 1,824,200		-4%

PROJECTED FISCAL YEAR 2025-2026 CASH FLOW

Month	Beginning Cash	Executive Director	Legal	Admin	Technical	Monitoring	Total Expenses	Cash	DWR SGM Grant	GW Extraction	Total Revenues	Projected Ending Cash Balance
		Hallmark Group	Klein DeNatale		Woodard & Curran	Provost & Pritchard, USGS		Disbursements for Expenses		Fee		
		Expenses								Revenues		
	1,329,848								360,000			
July-25	1,689,848	28,908	20,833	10,092	81,504	10,683	152,020	150,000	386,603	-	1,539,848	
August-25	1,539,848	28,908	20,833	10,092	81,504	10,683	152,020			386,603	1,926,451	
September-25	1,926,451	28,908	20,833	10,092	81,504	10,683	152,020	229,170		-	1,697,281	
October-25	1,697,281	28,908	20,833	10,092	81,504	10,683	152,020			-	1,697,281	
November-25	1,697,281	28,908	20,833	10,092	81,504	10,683	152,020	304,041	109,399	109,399	1,502,639	
December-25	1,502,639	28,908	20,833	10,092	81,504	10,683	152,020			-	1,502,639	
January-26	1,502,639	28,908	20,833	10,092	81,504	10,683	152,020	304,041		-	1,198,598	
February-26	1,198,598	28,908	20,833	10,092	81,504	10,683	152,020		90,000	90,000	1,288,598	
March-26	1,288,598	28,908	20,833	10,092	81,504	10,683	152,020	304,041		-	984,557	
April-26	984,557	28,908	20,833	10,092	81,504	10,683	152,020			-	984,557	
May-26	984,557	28,908	20,833	10,092	81,504	10,683	152,020	304,041		-	680,516	
June-26	680,516	28,908	20,833	10,092	81,504	10,683	152,020			-	680,516	
Total		346,895	250,000	121,100	978,050	128,200	1,824,245	1,595,334	586,002	586,002		

Fee
\$ 10

PROJECTED FISCAL YEAR 2025-2026

July-26	680,516						141,667	304,041		1,296,000	1,296,000	1,672,475
August-26	1,672,475						141,667				-	1,672,475
September-26	1,672,475						141,667	293,687			-	1,378,788
October-26	1,378,788						141,667				-	1,378,788
November-26	1,378,788						141,667	283,333			-	1,095,455
December-26	1,095,455						141,667				-	1,095,455
January-27	1,095,455						141,667	283,333			-	812,122
February-27	812,122						141,667				-	812,122
March-27	812,122						141,667	283,333			-	528,788
April-27	528,788						141,667				-	528,788
May-27	528,788						141,667	283,333			-	245,455
June-27	245,455						141,667				-	245,455
							1,700,000					

Fee
\$ 36

PROJECTED FISCAL YEAR 2026-2027									
July-27	245,455			141,667	283,333	1,728,000	1,728,000	1,690,122	Fee \$ 48
August-27	1,690,122			141,667			-	1,690,122	
September-27	1,690,122			141,667	283,333		-	1,406,788	
October-27	1,406,788			141,667			-	1,406,788	
November-27	1,406,788			141,667	283,333		-	1,123,455	
December-27	1,123,455			141,667			-	1,123,455	
January-28	1,123,455			141,667	283,333		-	840,122	
February-28	840,122			141,667			-	840,122	
March-28	840,122			141,667	283,333		-	556,788	
April-28	556,788			141,667			-	556,788	
May-28	556,788			141,667	283,333		-	273,455	
June-28	273,455			141,667			-	273,455	
				1,700,000					

PROJECTED FISCAL YEAR 2027-2028									
July-28	273,455			141,667	283,333	1,728,000	1,728,000	1,718,122	Fee \$ 48
August-28	1,718,122			141,667			-	1,718,122	
September-28	1,718,122			141,667	283,333		-	1,434,788	
October-28	1,434,788			141,667			-	1,434,788	
November-28	1,434,788			141,667	283,333		-	1,151,455	
December-28	1,151,455			141,667			-	1,151,455	
January-29	1,151,455			141,667	283,333		-	868,122	
February-29	868,122			141,667			-	868,122	
March-29	868,122			141,667	283,333		-	584,788	
April-29	584,788			141,667			-	584,788	
May-29	584,788			141,667	283,333		-	301,455	
June-29	301,455			141,667			-	301,455	
				1,700,000					

Budget Assumptions

For Select Projects from Cuyama Basin GSA Prioritization Process

May 7, 2025

Black Text = Options recommended by the Budget Ad hoc

Grey Text = Option *not* recommended by the Budget Ad hoc

1. CMA Allocation Exchanges (i.e. Water Market)

a. Options:

i. Budget for simple, near-term program

1. Staff to Develop:

- a. Simple policy to allow landowners to buy/sell allocation credits in the CMA
- b. Excel sheet tracking template to confirm exchanges and true-up end of year reporting
- c. Legal agreement/form/application for use between willing landowners (legal to address water rights, etc.)

2. Review with ad hoc (2, 2-hour meetings)

3. Administration of any trades:

- a. Budget for 10 transactions
- b. Groundwater Sustainability Agency (GSA) confirms application is complete/accurate, makes ledger adjustment (in excel) for end of year tracking

4. Optional Task: Technical analysis of impacts to beneficial users/MTs (could require LO to perform similar to Governors' new well order).

ii. Budget for robust

- 1. Steps above but managed in robust online/web viewer system (approvals, tracking, verification).

iii. Budget for developing water market plans/policies to potentially apply to a broader area and deal with more complex issues (e.g. hydrogeologic limitations, etc.)

2. CMA Carryover Policy

a. Options:

i. Develop just for CMA

1. Staff to:

- a. Research what GSAs are doing
- b. Develop strawman/options
- c. Outreach to CMA landowners on implementation ideas (coordinate with the Water District)
- 2. Review material with ad hoc (2, 2-hour meetings)
- 3. Direction at Board meetings (already budgeted separately)
- 4. If implemented in Fiscal Year 25-26,
 - a. Noticing (email, mailout, website) of policy
 - b. Administer any credits at end of pumping year (in January) and noticing to landowners

-
- ii. Consider potentially future basin-wide implementation
 - iii. Develop web viewer capability for landowners (in DMS)

3. **CMA Tiered Allocations**

Are we potentially changing the 2025-2029 allocations? Or, developing an option to include in 2030 -> allocation? ← Question for the Board

- a. Staff to:
 - i. Research what GSAs are doing
 - ii. Develop strawman/options
 - iii. Outreach to CMA landowners on implementation ideas (coordinate with the Water District)
- b. Review material with ad hoc (2, 2-hour meetings)
- c. Direction at Board meetings (already budgeted separately).
- d. Develop implementation plan for the Board.

4. **Expand Allocations Outside Management Area (Consider During Annual AR)**

- a. Staff to:
 - i. Develop and assess impact of model inputs by region
 - ii. Validate modeled GWL in different regions against WY 24-25 actuals
 - iii. Review water budgets by region
 - iv. Assess availability of data to perform re-calibration
- b. Review with tech forum (1, 2-hour meeting)
- c. Review with ad hoc (2, 2-hour meetings)
- d. Develop recommendation and draft write up for Annual report
- e. If the recommendation is to implement allocations outside the CMA, then budget for implementation the following year which will include:
 - i. Update model data including SBCF
 - ii. Revise model calibration if additional data can improve calibration
 - iii. Use model to develop sustainable yield estimates by region

- iv. Budget for allocations, noticing, workshops, variance process, etc.

5. Evaluate Expanding Allocations in Ventucopa

- a. Staff to:
 - i. Develop and assess impact of model inputs by region
 - ii. Validate modeled GWL in different regions against WY 24-25 actuals
 - iii. Review water budgets by region
 - iv. Assess availability of data to perform re-calibration
- b. Review with tech forum (1, 2-hour meeting)
- c. Review with ad hoc (2, 2-hour meetings)
- d. Develop recommendation and draft write up for Annual report
- e. If the recommendation is to implement allocations outside the CMA, then budget for implementation the following year which will include:
 - i. Update model data including SBCF
 - ii. Revise model calibration if additional data can improve calibration
 - iii. Use model to develop sustainable yield estimates by region
 - iv. Budget for allocations, noticing, workshops, variance process, etc.

6. Develop Policy to Prevent an Increase of Water Use in the Basin

- a. Staff to:
 - i. Research with other GSAs are doing.
 - ii. Develop a range of options
 - iii. Develop verification/enforcement options
- b. Review with ad hoc (2, 1-hour meetings)
- c. If Board implements:
 - i. Formalize policy
 - ii. Perform public noticing/outreach and coordinate with County permitting agencies
 - iii. Enforce policy

7. Implement Basin-Wide Management Plan (Including Allocations)

- a. Do the tasks listed in Nos. 4 and 5 satisfy the requirements of this item?

8. ISW Update Study and Establish SMCs/Network

Developed budget based on DWR guidance docs (3 of 4 released).

- a. Use existing DWR guidance to estimate ISW depletions
- b. Review with tech forum and respond to tech forum comments
- c. Use DWR's 4th guidance to set SMCs and Monitoring Networks, and write up in GSP

Project Priority and Proposed Tasks	Hallmark			Woodard & Curran						Legal		Total	Notes
	Taylor B.	Jim B.	Grace B.	Brian V.	Jim S.	Ali T.	Sercan C.	Micah E.	Jr Staff	Alex D.			
1 Central Management Area Allocation Exchanges	\$235	\$365	\$185	\$355	\$355	\$365	\$330	\$290	\$235	\$300		\$ 12,150	
a Staff Develop simple policy for review with ad hoc	4	2		1							7	\$ 4,125	HG draft, legal/W&C review
b Staff to develop simple tracking sheet template	2			1								\$ 825	HG, W&C
c Staff to develop legal agreement/water rights impacts											7	\$ 2,100	Legal, HG
d Staff to review policy with ad hoc	4	4		2							4	\$ 4,310	2 ad hoc meetings; 2 hrs/mtg
e Administration of trades; ledger adjustments	1		3									\$ 790	budget for 10 transactions
2 Carryover Policy	\$1,880	\$1,825	\$1,480	\$1,065	\$0	\$0	\$0	\$580	\$0			\$ 10,430	
a Staff research of other GSA carryover policies	2		2	1				2				\$ 1,775	
b Staff to develop policy options	2	1									6	\$ 2,635	HG, W&C, legal
c Outreach to CMA landowners			2									\$ 370	HG work with WD
d Review policy with ad hoc	4	4		2							4	\$ 4,310	2 ad hoc meetings; 2 hrs/mtg
e Noticing of policy via email, mailout, website			2								2	\$ 970	Budget if policy is implemented; HG, W&C, legal
f Administer any credits at end of pumping year			2									\$ 370	Budget if policy is implemented; HG
3 CMA: Tiered Allocations	\$1,880	\$2,190	\$740	\$1,065	\$0	\$0	\$0	\$580	\$0	\$3,300		\$ 9,755	
Changing 25-29 allocations or develop option for 2030 impl?												\$ -	
a Staff research of what other GSAs are doing	2		2	1				2				\$ 1,775	
b Staff to develop policy options	2	2									7	\$ 3,300	HG, W&C, legal
c Outreach to CMA landowners (likely the WD for feedback)			2									\$ 370	HG work with WD
d Review policy with ad hoc	4	4		2							4	\$ 4,310	2 ad hoc meetings; 2 hrs/mtg
e Develop implementation plan for board												\$ -	
4 Expanded Allocations outside MA (Consider during AR)	\$2,350	\$3,285	\$0	\$9,940	\$710	\$6,570	\$19,800	\$1,160	\$14,100	\$0		\$ 57,915	
a Develop and assess impact of model inputs by region	2	1		8	2	4	16		8			\$ 13,005	How good is the data and what's missing
b Validate modeled GWL in different regions against WY 24-25 actuals	1	1		2		4	8		16			\$ 9,170	Process developed with Sercan
c Review water budgets by region				4		8	16		32			\$ 17,140	Process developed with Sercan
d Assess availability of data to perform re-calibration				2		2	4		4			\$ 3,700	Process developed with Sercan
e Tech forum	2	2		4			4					\$ 3,940	1 mtg
f Review data with ad hoc	4	4		4			4					\$ 5,140	2 ad hocs
g Develop recommendation and draft write up for Annual report	1	1		4			8	4				\$ 5,820	
h Implementation of expanded allocations for following FY													
i Update model data including SBCF				4	8	8	32		40			\$ 27,140	
j Revise model calibration if additional data can improve calibration				8		24	60		80			\$ 50,200	
k Use model to develop sustainable yield estimates by region	1	1		2		8	20		40			\$ 20,230	
l Budget for allocations, noticing, workshops, variance process...													
5 Evaluate Expanding Allocations in Ventucopa	\$2,350	\$3,285	\$0	\$9,230	\$710	\$3,650	\$15,840	\$1,160	\$8,460	\$0		\$ 44,685	
a Develop and assess impact of model inputs in Ventucopa Management Area	2	1		8	2	4	16		8			\$ 13,005	How good is the data and what's missing
b Validate modeled GWL in the Ventucopa Management Area against WY 24-25 actuals	1	1		2		2	4		8			\$ 5,240	Process developed with Sercan
c Review water budget for Ventucopa Management Area				2		2	8		16			\$ 7,840	Process developed with Sercan
d Assess availability of data to perform re-calibration				2		2	4		4			\$ 3,700	Process developed with Sercan
e Tech forum	2	2		4			4					\$ 3,940	1 mtg
f Review data with ad hoc	4	4		4			4					\$ 5,140	2 ad hocs
g Develop recommendation and draft write up for Annual report	1	1		4			8	4				\$ 5,820	
h Implementation of expanded allocations for following FY													
i Update model data including SBCF				4	8	8	32		40			\$ 27,140	
j Revise model calibration if additional data can improve calibration				8		24	60		80			\$ 50,200	
k Use model to develop sustainable yield estimates by region	1	1		2		8	20		40			\$ 20,230	
l Budget for allocations, noticing, workshops, variance process...													
6 Develop Policy to Prevent an Increase of Water Use in the Basin	\$3,760	\$730	\$1,480	\$3,195	\$4,260	\$0	\$0	\$580	\$2,115	\$7,800		\$ 23,920	
a Research with other GSAs are doing	2			1				2			7	\$ 3,505	HG, legal
b Staff/Legal to develop a range of options (including verification/enforcement)	2										7	\$ 2,570	HG, legal, W&C
c Meet with ad hoc	2	2		2							4	\$ 3,110	2 mtgs; HG, legal
d Formalize policy	2			1					1		4	\$ 2,260	Budget if board implements policy
e Public noticing/outreach/coordinate w/ County permitting agencies	4		4	1							4	\$ 3,235	Budget if board implements policy
f Verification/enforcement options (discuss w/ tech forum)	2		4									\$ 1,210	Budget if board implements policy
g Staff to analyze landowner increased water use analysis	2			4	12				8			\$ 8,030	Assumes W&C reviews landowner water use analysis and makes determ
7 Implement Basin-Wide Management Plan (Including Allocations)												\$ -	
Do the tasks listed in Nos. 4 and 5 satisfy the requirements of this item?												\$ -	
8 ISW Update Study and Establish SMCs/Network	\$1,880	\$1,095	\$740	\$14,910	\$8,520	\$14,600	\$54,120	\$16,240	\$52,640	\$0		\$ 164,745	
Develop budget based on DWR guidance docs (3 of 4 released)												\$ -	
a Use existing DWR guidance to estimate ISW depletions				18	16	16	68		144			\$ 74,190	
b Tech Forum mtg and respond to Tech Forum comments	4	1	2	16		6	32		16			\$ 23,865	
c Use DWR's 4th guidance to set SMCs and Monitoring Networks, and write up in GSP	4	2	2	8	8	18	64	56	64			\$ 66,690	

TOTAL PROJECT BUDGET
Budget w/o 8, ISW Update

\$ 323,600
\$ 158,855



TO: Board of Directors
Agenda Item No. 9b

FROM: Taylor Blakslee, Hallmark Group

DATE: May 7, 2025

SUBJECT: Discuss and Take Appropriate Action on Consultant Task Orders for Fiscal Year 2025-2026

Recommended Motion

Approve Fiscal Year 2025-2026 task orders for the Hallmark Group and Woodard & Curran.

Discussion

Hallmark Group and Woodard & Curran task orders for July 1, 2025 through June 30, 2026 are provided as Attachments 1 and 2, respectively. The task orders match the amounts in the Fiscal Year 2025-2026 budget and are provided for consideration of Board approval.

TASK ORDER CB-HG-011

TASK ORDER NO. CB-HG-011

CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY EXECUTIVE DIRECTOR

Task Order No.:	CB-HG-011
Contractor:	The Hallmark Group
Request for Services:	Executive Director
Agreement Number:	201709-CB-001
Amount:	\$346,900.00
Contract Period:	July 1, 2025 – June 30, 2026

DESCRIPTION OF TASK

The Hallmark Group serves as the Cuyama Basin Groundwater Sustainability Agency (CBGSA) Executive Director. For the July 2025 through June 2026 period, the below tasks match the line items and dollar amounts from the adopted FY 2025-2026 budget.

SCOPE OF WORK FOR CBGSA EXECUTIVE DIRECTOR

TASK 1 – CBGSA BOARD OF DIRECTORS MEETINGS

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

TASK 2 – CONSULTANT MANAGEMENT AND GSP IMPLEMENTATION

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

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

TASK 3 – FINANCIAL INFORMATION COORDINATION

- 3.1 Ongoing grant administration
- 3.2 Financial report development and year end close out
- 3.3 Facilitate Fiscal Year audit
- 3.4 Develop the FY 2026-2027 budget and cash flow
- 3.5 Submit State government compensation form and LGRS financial reports

TASK 4 – CUYAMA BASIN GSA OUTREACH

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

TASK 5 – ANNUAL GROUNDWATER EXTRACTION FEE

- 5.1 Determine 2025 water use via meter data and landowner reported ET for small pumpers
- 5.2 Develop groundwater extraction fee report
- 5.3 Facilitate public rate hearing
- 5.4 Develop invoices, notices, field inquiries, process late invoices

TASK 6 – ADDRESS DWR COMMENTS ON 2024 GSP

- 6.1 Assist in providing responses to DWR comments on the 2024 amended GSP

TASK 7 – CENTRAL MANGEMENT AREA SUPPORT

- 7.1 Administer pumping reductions

TASK 8 – ADJUDICATION COORDINATION / SUPPORT

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

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

TASK 10 – PRIORITIZATION PROJECTS/INITIATIVES

- 10.1 Water Markets in the Central Management Area
- 10.2 Carryover Policy in the Central Management Area
- 10.3 Tiered Allocations in the Central Management Area
- 10.4 Expand Allocations Outside Management Area
- 10.5 Expand Allocations in Ventucopa
- 10.6 Perform Additional Santa Barbara Canyon Fault Investigation
- 10.7 Develop Policy to Prevent Further Water Use in the Basin
- 10.8 Implement Basin-Wide Management Plan (Including Allocations)
- 10.9 Interconnected Surface Waters Update Study and Establish SMCs/Network
- 10.10 Install Telemetry for Monitoring Network

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 2026-2027 Budget and cash flow	Mar
5.2	Develop fee report	May

TERM

The term of this Task Order is July 1, 2025 through June 30, 2026.

DETAILED COSTS

Contractor shall invoice all services according to the Agreement. The total amount of this Task Order shall not exceed \$346,900.00. Line-item costs are provided in Exhibit A.

CONTACT PERSONS

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

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.

**CUYAMA BASIN GROUNDWATER
SUSTAINABILITY AGENCY**

HALLMARK GROUP

Cory Bantilan
Board Chairman

Charles R. Gardner Jr.
President

Date

Date

TASK ORDER CB-HG-011

ESTIMATED COST FOR 12 MONTHS (DOLLARS)

Classification		Total Cost
Fiscal Year 2025-26 Budgeted Costs		
Task 1	CBGSA Board of Directors Meetings	\$ 136,700
Task 2	Consultant Management and GSP Implementation	\$ 50,000
Task 3	Financial Information Coordination	\$ 46,800
Task 4	Cuyama Basin GSA Outreach	\$ 20,500
Task 5	Annual Groundwater Extraction Fee	\$ 12,000
Task 6	Response to DWR Comments on 2024 Amended GSP	\$ 14,100
Task 7	Groundwater Allocation Implementation	\$ 2,800
Task 8	Adjudication Coordination/Support	\$ 24,100
Task 9	Enforcement for Un-reported Water User	\$ 2,000
Task 10	Prioritization Projects/Initiatives from 3-5-25 Board Meeting	\$ 37,900
Task 11	Other Direct Charges (Mileage, conference lines, copies)	-
Total Estimated Cost		\$ 346,900

2025 RATES

CLASSIFICATION	RATE
Program Manager, Principal, Director, and Strategic Advisor	\$362 /hr
Policy & Agreement Matters	\$500/hr
Senior Project Manager	\$285 /hr
Project Controls Manager	\$260 /hr
Senior Project Controls	\$210 /hr
Project Manager III	\$235 /hr
Project Manager II	\$210 /hr
Project Manager I	\$195 /hr
Project Analyst	\$195 /hr
Project Coordinator II	\$185 /hr
Project Coordinator I	\$155 /hr
Project Controls Coordinator	\$155 /hr
Project Administrator	\$130 /hr

Hourly rates are inclusive of all overhead and administrative expenses. Travel and other incidental expenses, not included in the contract, shall be reimbursed at cost. Mileage expenses shall be reimbursed at the current IRS rate. Upon request, Hallmark Group will provide a cost proposal for additional staff that may be required to support the client. Other costs will be determined upon final scope requirements and approved by the client.

This rate schedule shall be escalated annually as mutually agreed to by Hallmark Group and the client and will incorporate year-over-year increases per the U.S. Bureau of Labor Statistics Employment Cost Index for Professional and Business Services.

TASK ORDER NUMBER 13**Issued Pursuant to the Consulting Services Agreement Between Woodard & Curran, Inc. and
Cuyama Basin Groundwater Sustainability Agency, dated as of May 7, 2025.**

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. 13 – Scope of Services.

Schedule:

Consultant shall perform the services under this Task Order No. 13 according to the schedule included in Tables 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. 13 shall not exceed \$939,600, as detailed in the attached budget.

Designated Project Representative

Client: Jim Beck

Consultant: Brian Van Lienden

Effective date: May 7, 2025

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 13 Deliverables

Task		Deliverables	Deliverable Date
1	Stakeholder and Board Engagement and Outreach Support	• Presentation materials and other handouts developed for Board and stakeholder meetings • Newsletter and other outreach materials that are developed • Continued maintenance of the CBGSA website	Jun 2026
2	Grant Agreement Administration	• Quarterly progress reports and reimbursement request packages on behalf of the CBGSA	Jun 2026
3	GSP Implementation Support	• Monthly groundwater conditions and annual groundwater quality reports • Updated GSP sections developed in response to DWR comments • Annual Report for the Cuyama Basin	Jun 2026
4	Pumping Allocation and Water Use Analysis Support	• Data and reports developed to support pumping allocation and water use analyses • Draft text for inclusion in Annual Report to be developed in Task 3	Jun 2026
5	Improve Understanding of Basin Water Use	• Monthly land use data in GIS format	Jan 2026
6	Additional Santa Barbara Canyon Fault Investigation	• Geophysical Survey Report for the Santa Barbara Canyon Fault. • Groundwater Fault Investigation Report for the Santa Barbara Canyon Fault.	Jun 2026
7	Interconnected Surface Water Analysis	• Results of the ISW analysis included in Powerpoint presentations • Draft and final Supplemental GSP sections	Jun 2026
8	Install Telemetry for Monitoring Network	• Summary report documenting telemetry equipment installation	Jun 2026
9	As-Needed Technical Tasks	• Draft and final electronic (Word and PDF) files of the grant application • Completed TSS application forms and other documents required by DWR	Jun 2026

Table 2. Anticipated Task Order 13 Meetings

Month	Type	Participants	Meeting Topics
July 2025	Virtual	• Standing Advisory Committee	• GSP Implementation Updates
July 2025	In-Person	• CGBSA Board Members	• GSP Implementation Updates • CGBSA Updates
Sep 2025	Virtual	• Standing Advisory Committee	• GSP Implementation Updates
Sep 2025	In-Person	• CGBSA Board Members	• GSP Implementation Updates • CGBSA Updates
Oct 2025	In-Person	• Public Workshop	• GSP Implementation Updates
Nov 2025	Virtual	• Standing Advisory Committee	• GSP Implementation Updates •
Nov 2025	In-Person	• CGBSA Board Members	• GSP Implementation Updates • CGBSA Updates
Jan 2026	Virtual	• Standing Advisory Committee	• GSP Implementation Updates •
Jan 2026	In-Person	• CGBSA Board Members	• GSP Implementation Updates • CGBSA Updates
Mar 2026	Virtual	• Standing Advisory Committee	• GSP Implementation Updates • GSP Annual Report
Mar 2026	In-Person	• CGBSA Board Members	• GSP Implementation Updates • CGBSA Updates • GSP Annual Report
May 2026	Virtual	• Standing Advisory Committee	• GSP Implementation Updates
May 2026	In-Person	• CGBSA Board Members	• GSP Implementation Updates • CGBSA Updates

TASK ORDER NO. 13 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. GSP implementation support
4. Pumping allocation and water use analysis support
5. Improve understanding of basin water use
6. Additional Santa Barbara Canyon Fault investigation
7. Interconnected surface water analysis
8. Install telemetry for the monitoring network
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, 2025 through June 30, 2026. 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 3 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
- Newsletter and other outreach materials that are developed
- Continued maintenance of the CBGSA website

TASK ORDER NO. 13 SCOPE OF SERVICES

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: GSP Implementation Support

The W&C team will support the CBGSA in implementation of the Cuyama Basin GSP as amended and submitted to DWR in January 2025. The task includes the following subtasks.

Subtask 3.1 – 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 3.2 – 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.

Subtask 3.3 – Support for CBGSA Response to DWR and Public Comments

In this task, the W&C team will assist the CBGSA in reviewing and responding to comments and questions from DWR and the public on the Amended GSP and Periodic Evaluation documents submitted to DWR in January 2025, including the following activities:

TASK ORDER NO. 13 SCOPE OF SERVICES

- Coordination calls with DWR representatives.
- Completion of documentation and other information requested by DWR to facilitate review of the GSP.
- Assisting in developing written responses to comments on the GSP provided by DWR and the public.
- Assistance in updating GSP document sections in response to DWR comments. It is assumed that document updates can be performed with currently available information and that no additional technical analysis will be required. A draft version of each updated section will be provided to the CBGSA for review prior to submittal to DWR.

Subtask 3.4 – Support for Adaptive Management of Groundwater Levels

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

Subtask 3.5 – 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.

Task 3 Deliverables

- Monthly groundwater conditions and annual groundwater quality reports
- Updated GSP sections developed in response to DWR comments
- Annual Report for the Cuyama Basin

Task 4: Pumping Allocation and Water Use Analysis Support

The task includes the following subtasks.

Subtask 4.1 – Central Management Area Policies Support

In this subtask, Woodard & Curran will support Hallmark to complete the following activities for the Central Management Area:

TASK ORDER NO. 13 SCOPE OF SERVICES

- Develop and implement a water market policy
- Develop carryover policy options
- Developed tiered allocation policy options
- Participate in ad-hoc calls to discuss the above potential policies

Subtask 4.2 – Perform Assessment of Expanding Allocations Outside Existing Management Areas

This subtask will include the following activities:

- Develop a list of data needed and which data is available in the basin by region and assess the potential use of this data to do a sustainable yield calculation with or without the model.
- Perform a validation of modeled groundwater levels in different regions against measured groundwater levels in the 2024-25 water year
- Perform a review of modeled water budgets by region
- Assess the availability of data to perform model re-calibration
- Participate in one meeting of the technical forum and one meeting with a Board ad-hoc committee to review the data assessment and receive feedback
- Based on findings, develop recommendations for whether the allocations can be expanded outside the existing management areas or if additional data and/or model recalibration is needed in the next fiscal year and develop draft text for the inclusion in the Annual Report

Subtask 4.3 – Perform Assessment of Expanding Allocations in Ventucopa

This subtask will include the following activities:

- Develop a list of data needed and which data is available in the Ventucopa management area and assess the potential use of this data to do a sustainable yield calculation with or without the model.
- Perform a validation of modeled groundwater levels in the Ventucopa management area against measured groundwater levels in the 2024-25 water year
- Perform a review of the modeled water budget in the Ventucopa management area
- Assess the availability of data to perform model re-calibration
- Participate in one meeting of the technical forum and one meeting with a Board ad-hoc committee to review the data assessment and receive feedback
- Based on findings, develop recommendations for whether the allocations can be expanded to the Ventucopa management area or if additional data and/or model recalibration is needed in the next fiscal year and develop draft text for the inclusion in the Annual Report

Subtask 4.4 – Support Development of a Policy to Prevent Further Water Use in the Basin

This subtask will include the following activities:

- Support the development of a policy to prevent further water use in the Basin
- Perform analysis of potential landowner increased water use
- Participate in one ad-hoc call to discuss policy development

Task 4 Deliverables

- Data and reports developed to support pumping allocation and water use analyses
- Draft text for inclusion in Annual Report to be developed in Task 3

TASK ORDER NO. 13 SCOPE OF SERVICES

Task 5: Improve Understanding of Basin Water Use

This task includes the following activities:

- On an as-needed basis, support activities required to complete installation of new weather (CIMIS) station in the basin will be enhanced and/or additional weather stations will be installed in the basin.
- Updated land use data reflecting representative Basin-wide land use will be developed on a monthly time scale for the 2025 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.

Task 5 Deliverables

- Monthly land use data in GIS format

Task 6: Additional Santa Barbara Canyon Fault Investigation

This task includes the following activities:

- Prepare subcontract agreement with Spectrum Geophysics to conduct a 2-dimensional DC Electrical Resistivity and Induced Polarization surface geophysical survey.
- Coordinate and meet with private landowners to identify transects and obtain access to conduct the survey.
- Obtain Encroachment Permit from Caltrans, as necessary.
- Conduct the survey with two transects of 3,000 to 3,500 linear feet. Provide traffic control, as necessary.
- Prepare a summary report to document the activities conducted and survey results.
- Assess similarities and/or differences of groundwater conditions across the fault to qualitatively evaluate impacts to groundwater flow.

Task 6 Deliverables

- Geophysical Survey Report for the Santa Barbara Canyon Fault.
- Groundwater Fault Investigation Report for the Santa Barbara Canyon Fault.

Task 7: Interconnected Surface Water Analysis

This task includes the following subtasks to perform an analysis of interconnected surface water (ISW) in the Cuyama Basin following guidance developed by the California Department of Water Resources (DWR).

Subtask 7.1 – Perform an Assessment to Estimate ISW Depletions

Woodard & Curran will perform an analysis to estimate ISW depletions in the Cuyama Basin using the best available information that reflects the guidance provide by DWR in its technical paper *Techniques for Estimating ISW Depletion Caused by Groundwater Use* (DWR 2024). The Cuyama Basin Water Resources Model (CBWRM) will be used to develop a “No Pumping” scenario based on this guidance that will be used to estimate ISW depletions by river reach. The following activities will be performed:

TASK ORDER NO. 13 SCOPE OF SERVICES

- ISW reaches will be identified that reflect currently available data relating to stream-aquifer interaction in the Basin. These will be used to delineate the quantification of ISW depletions in the Basin.
- Input data will be processed and developed for the development of a No Pumping scenario in CBWRM. Since residential pumping is negligible compared to agricultural pumping, and no other groundwater pumping is occurring in the Basin, it is assumed that the primary updates will be to irrigated acreage.
- The No Pumping scenario will be developed and simulated in CBWRM using the 50-year projected condition baseline. The development of this scenario will require modification of land use datasets, performing the simulation and reviewing the results to assess whether they are reasonable for a No Pumping condition. If necessary, additional actions may be necessary such as using a longer simulation period or adjusting the initial groundwater level conditions.
- The results of the No Pumping Scenario will be compared to the projected condition baseline scenario with pumping to estimate the ISW depletions for each ISW reach.

Subtask 7.2 – Technical Forum Engagement and Response

Woodard & Curran will prepare for and participate in up to two calls with Technical Forum members to discuss the approach and results of the ISW technical analysis. As appropriate, Woodard & Curran will develop updates to the technical analysis in response to comments from Technical Forum members.

Subtask 7.3 – Develop Updated ISW Sustainable Management Criteria and Monitoring Network

After the forthcoming guidance document *Guidance for Managing ISW Depletion* is released by DWR, the results of the ISW technical assessment will be used to develop an ISW sustainability plan for the Cuyama Basin that complies with DWR guidance. This will include updated ISW sustainable management criteria and an updated ISW monitoring network.

Subtask 7.4 – Develop Supplemental GSP Sections for Interconnected Surface Water

Supplemental GSP sections will be prepared that document and describe the updated ISW depletion estimates, ISW sustainable management criteria and ISW monitoring network. Draft versions of these sections will be provided to the CBGSA Board and public for review. Comments from the public, Board and advisory committee on the draft Supplemental GSP sections will be reviewed and incorporated into final versions, which will be submitted to Board for approval. The approved version of the amended GSP will be submitted to DWR.

Task 7 Deliverables

- Results of the ISW analysis included in Powerpoint presentations
- Draft and final Supplemental GSP sections

Task 8: Install Telemetry for Monitoring Network

This task includes the following activities:

- Coordinate with In-Situ to obtain a quote for telemetry equipment for 14 well locations. Assist the GSA with direct payment to In-Situ.
- Coordinate with private landowners and public agencies to obtain access to install the equipment.

TASK ORDER NO. 13 SCOPE OF SERVICES

- Prepare subcontract agreement with a contractor to deploy and program the equipment.
- Coordinate with In-Situ to establish/confirm remote operation of the equipment.
- Trouble-shoot any problems as necessary.
- Prepare a summary report to document the activities and procedures for downloading data from pressure transducers using the telemetry equipment.

Task 8 Deliverables

- Summary report documenting telemetry equipment installation

Task 9: As Needed Technical Tasks

The following subtasks will be performed under this task.

Subtask 9.1 – Preparation of a Grant Application

As directed by the CBGSA Board, the W&C team will prepare one application for grant funding under the DWR SGM Grant Program or other grant program as directed by the CBGSA Board. 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. A draft grant application will be prepared to address the various requirements grant funding as documented in the PSP for the grant opportunity and to track completion of the required attachments. Work items to be conducted in preparing the application could potentially include:

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

Subtask 9.2 – 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

Task 9 Deliverables

- Draft and final electronic (Word and PDF) files of the grant application
- Completed TSS application forms and other documents required by DWR

Cuyama Groundwater Sustainability Agency

Fee Estimate

Woodard & Curran Task Order 13 - Fiscal Year 2025-2026 GSP Implementation Tasks

Tasks		Labor											ODCs	Total
Task #	Task	Senior Delivery Leader	Senior Engineer/Hydrogeologist	Outreach	Technical Manager 2	Engineer/Planner/Geologist	Junior Engineer/Geologist	Field Technician	Website Maint.	Admin / Tech Editing	Total Hours	Total Labor Costs (1)	Total ODCs (3)	Total Fee
Task #		\$365	\$355	\$230	\$330	\$290	\$235	\$155	\$200	\$145				
1	Stakeholder/Board and Outreach Engagement Support													
1.1	SAC/Board meeting preparation (assume 6)	6	36	12	6	18	12				90	\$27,750	\$0	\$27,750
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	\$2,772	\$30,522
1.4	Technical Forum calls (assume 3)	3	12	0	12	0	3				30	\$10,020	\$0	\$10,020
1.5	Public Workshops (assume 1)	3	16	32	0	8	0				59	\$16,455	\$1,848	\$18,303
1.6	General, Newsletter development, etc.		11	40	0	2	0				53	\$13,685	\$0	\$13,685
1.7	Website Updates - Maintenance / Hosting		2						32		34	\$7,110	\$275	\$7,385
	Subtotal Task 1:	18	179	84	18	28	15	0	32	0	374	\$113,420	\$4,895	\$118,315
2	Grant Administration													
2.1	Grant agreement administration		24			72				4	100	\$29,980	\$0	\$29,980
	Subtotal Task 2:	0	24	0	0	72	0	0	0	4	100	\$29,980	\$0	\$29,980
3	GSP Implementation Support													
3.1	GSP Implementation program management	6	84		14	72				12	188	\$59,250	\$0	\$59,250
3.2	Monitoring coordination, data management and reporting		26			42	26				94	\$27,520	\$0	\$27,520
3.3	Support for CBGSA response to DWR and public comments on 2025 GSP	2	40	4		80	40				166	\$48,450	\$0	\$48,450
3.4	Support for adaptive management of GW levels	2	24			30	30				86	\$25,000	\$0	\$25,000
3.5	Prepare Annual Report for Cuyama Basin	4	32		32	52	44				164	\$48,800	\$0	\$48,800
	Subtotal Task 3:	14	206	4	46	276	140	0	0	12	698	\$209,020	\$0	\$209,020
4	Pumping Allocation and Water Use Analysis Support													
4.1	Central Management Area policies support		10			4					14	\$4,710	\$0	\$4,710
4.2	Perform assessment of expanding allocations outside existing MAs	18	30		60	4	60				172	\$52,280	\$0	\$52,280
4.3	Perform assessment of expanding allocations in Ventucopa	11	26		49	4	36				126	\$39,035	\$0	\$39,035
4.4	Support development of a policy to prevent further water use in the Basin		21			2	9				32	\$10,150	\$0	\$10,150
	S	29	87	0	109	14	105	0	0	0	344	\$106,175	\$0	\$106,175
5	Improve Understanding of Basin Water Use													
5.1	Improve existing CIMIS station and install new weather stations		6			10					16	\$5,030	\$0	\$5,030
5.2	Develop updated land use data		4			5	8				17	\$4,750	\$9,240	\$13,990
	Subtotal Task 5:	0	10	0	0	15	8	0	0	0	33	\$9,780	\$9,240	\$19,020
6	Additional Santa Barbara Canyon Fault investigation													
6.1	Conduct additional surface geophysical surveys (2)		78				44	80			202	\$50,430	\$90,827	\$141,257
6.2	Prepare SAC/Board presentation		20				16				36	\$10,860	\$0	\$10,860
6.3	Prepare updated fault investigation report		28				24				52	\$15,580	\$0	\$15,580
	Subtotal Task 6:	0	126	0	0	0	84	80	0	0	290	\$76,870	\$90,827	\$167,697
7	Interconnected Surface Water Analysis													
7.1	Perform an assessment to estimate ISW depletions													
	Identify ISW locations and delineate reaches	4	20		7		40				71	\$20,270	\$935	\$21,205
	Development and simulation of No Pumping scenario	4	6		40		56				106	\$29,950	\$0	\$29,950
	Estimation of depletion by ISW reach	8	8		24		40				80	\$23,080	\$0	\$23,080
7.2	Tech Forum engagement and response (assume 2 Tech Forum calls)	6	16		32		16				70	\$22,190	\$0	\$22,190
7.3	Develop updated ISW sustainability criteria and monitoring network	6	10		48	32	48				144	\$42,140	\$0	\$42,140
7.4	Develop supplemental GSP ISW sections	2	16		16	24	16				74	\$22,410	\$0	\$22,410
	Subtotal Task 7:	30	76	0	167	56	216	0	0	0	545	\$160,040	\$935	\$160,975
8	Install Telemetry for Monitoring Network													
8.1	Procure and install telemetry (assume 23 wells at 14 locations)		30				24	88			142	\$29,930	\$26,868	\$56,798
8.2	Coordination and documentation		20				40				60	\$16,500	\$0	\$16,500
	Subtotal Task 8:	0	50	0	0	0	64	88	0	0	202	\$46,430	\$26,868	\$73,298
9	As-Needed Technical Tasks													
9.1	Preparation of grant proposal		42			102				4	148	\$45,070	\$0	\$45,070
9.2	DWR Technical Support Services support		8			20	6				34	\$10,050	\$0	\$10,050
	Subtotal Task 9:	0	50	0	0	122	6	0	0	4	182	\$55,120	\$0	\$55,120
	TOTAL	91	808	88	340	583	638	168	32	20	2768	\$806,835	\$132,765	\$939,600

Public 2025

STAFF TYPE	HOURLY RATE
Administrative	\$145
Drafter / Project Assistant / Technician 1	\$155
Designer 1 / Geologist 1 / GIS Analyst 1 / Planner 1 / Scientist 1 / Technician 2	\$160
Graphic Artist / Project Specialist	\$170
Designer 2 / Geologist 2 / GIS Analyst 2 / Scientist 2 / Specifications Manager	\$190
Graphics Manager / Senior Project Assistant	\$200
Engineer 1 / Planner 2 / Technical Specialist 1 / Technician 3	\$215
Contract Document Specialist / Geologist 3 / GIS Analyst 3 / Scientist 3	\$225
Designer 3 / Engineer 2 / Plant Manager / Procurement Specialist / Programmer 1 / Project Geologist 1 / Project Scientist 1 / Technical Specialist 2	\$240
Engineer 3 / GIS Solutions Analyst / Planner 3 / Programmer 2 / Technical Specialist 3	\$265
Programmer 3 / Project Geologist 2 / Project Scientist 2 / Project Tech Specialist 1 / Senior Designer	\$270
Project Electrical Engineer 1 / Project Engineer 1 / Project Planner 1	\$280
Project Engineer 2 / Project Planner 2 / Project Tech Specialist 2 / Senior Project Geologist / Senior Project Scientist / Senior Resident Project Representative	\$295
Senior Cost Estimator / Senior Planner	\$300
GIS Manager / Project Manager 1 / Technical Manager 1	\$320
Construction Manager / Project Manager 2 / Technical Manager 2	\$335
Program Manager	\$345
Senior Project Manager / Senior Technical Manager	\$355
Senior Consultant	\$360
Senior Delivery Leader / Senior Program Leader / Senior Technical Leader	\$365
Principal in Charge	\$370
Senior Technical Consultant	\$375
Senior Practice Leader	\$385
EXPENSES	
Travel	\$0.70 / mile
Other Direct Costs	At Cost Plus 15%
Subconsultants/Subcontractors	At Cost Plus 15%

NOTES

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



TO: Board of Directors
Agenda Item No. 9c

FROM: Taylor Blakslee, Hallmark Group

DATE: May 7, 2025

SUBJECT: Discuss and Take Appropriate Action on Potential Non-Reporting Pumpers

Recommendation

Board feedback requested.

Discussion

An update on potential non-reporting pumpers is provided as **Attachment 1**.

Cuyama Basin Groundwater Sustainability Agency

9c. Discuss and Take Appropriate Action on Potential Non-Reporting Pumpers

Taylor Blakslee / Grace Bianchi

May 7, 2025

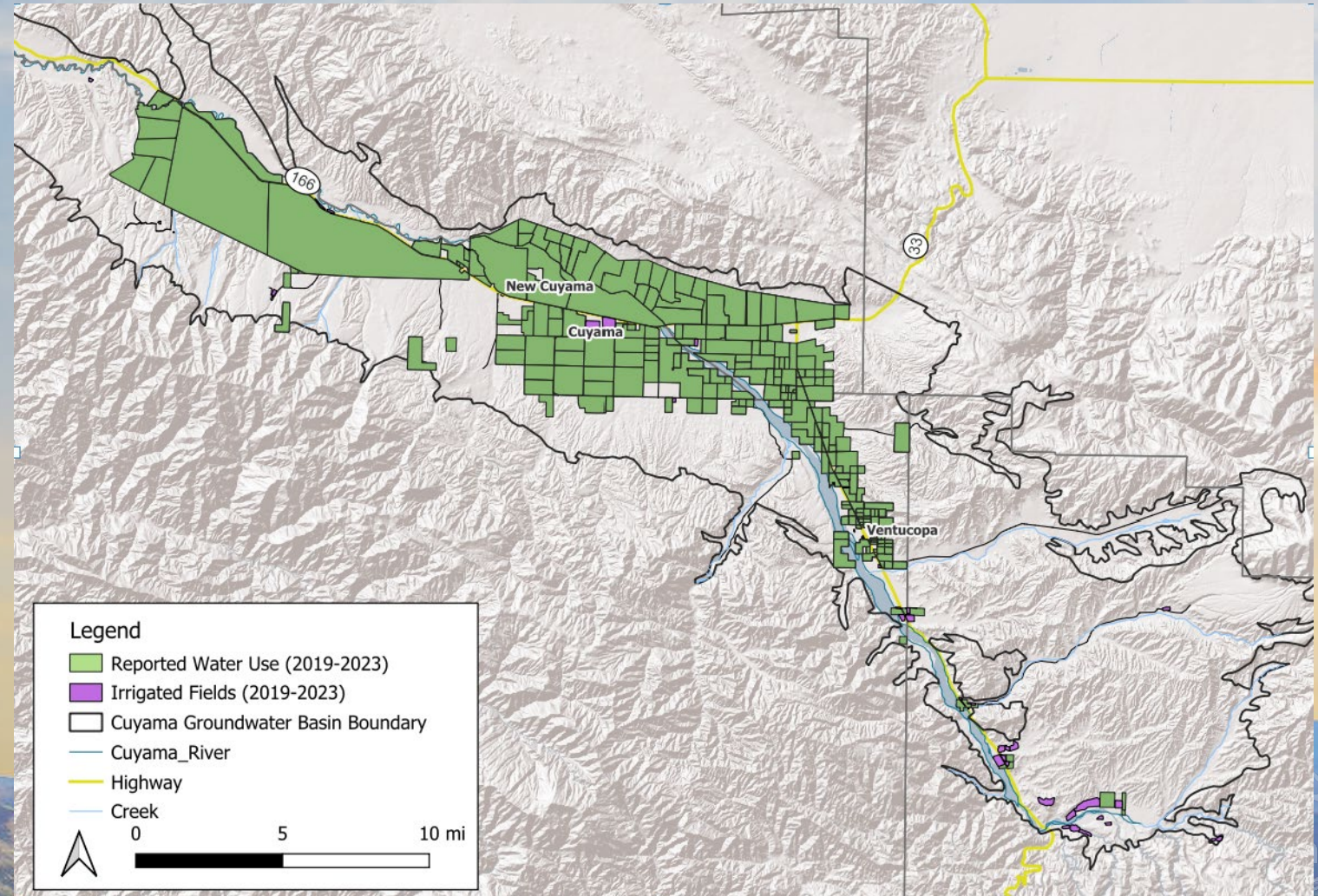


Overview of Nonreporting Pumpers Analysis

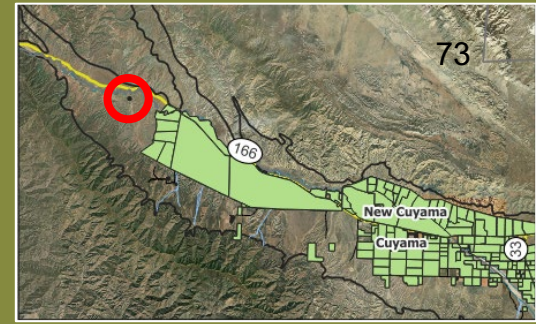
- Groundwater use reporting is required annually by the CBGSA and groundwater users are responsible for reporting their water use (staff mails and emails reporting forms each year).
- Groundwater use reporting has been required since 2019.
- While the majority of groundwater users are reporting water use, the Board directed staff to investigate if any non-reporting groundwater use exists.
- Staff performed an initial analysis of nonreporting pumpers in July 2023, but recommended the methodology be refined with an irrigated status dataset from Land IQ.
- The review of potential non-reporting pumpers has been revised using the irrigated status data set and those parcels are provided for review by the SAC and Board.
- The results represent **an initial QA/QC step** and have been provided at this stage to the SAC/Board for transparency.
- The analysis results in 20 parcels representing ~900 acres identified as potential nonreporting pumpers.

Map of Potential Nonreporting Pumpers

- Parcels with reported water use from 2019-2023 are shown in green.
- Irrigated fields identified by Land IQ from 2019-2023 are shown in purple.
- Visible purple areas represent potential nonreported pumping.
- A detailed review of potential nonreporting pumper is provided on following slides.



APN 147-010-027



- 8.8 Acres
- Identified as irrigated by Land IQ dataset
- **Recommendation:** Staff to reach out to landowners.
- **SAC 5-1-25 recommendation:** Concur with staff recommendation.

Google Earth Satellite: 2021



APN 147-050-038



- 5 acres
- Identified as irrigated by Land IQ dataset
- Reported de minimis water use
- **Recommendation:**
 1. Land IQ to verify water use (analyze ET and precipitation)
 2. If water use is likely due to pumping, staff to contact landowner. If not, remove from potential nonreporting list
- **SAC 5-1-25 Recommendation:** Classify as “dry land farmed” and remove from list.

Google Earth Satellite: 2021



APN 147-070-013



- 1.6 Acres
- Identified as irrigated by Land IQ dataset
- Reported de minimis water use
- **Recommendation:**
 1. Land IQ to verify water use (analyze ET and precipitation)
 2. If water use is likely due to pumping, staff to contact landowner. If not, remove from potential nonreporting list
- **SAC 5-1-25 recommendation:** Concur with staff recommendation.

Google Earth Satellite: 2023



APN 149-090-053

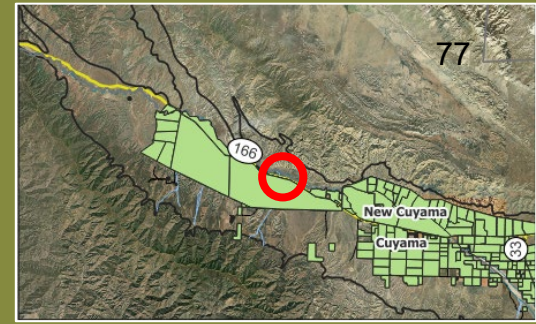


- 20 acres
- Identified as irrigated by Land IQ dataset
- Reported de minimis water use
- **Recommendation:**
 1. Land IQ to verify water use (analyze ET and precipitation)
 2. If water use is likely due to pumping, staff to contact landowner. If not, remove from potential nonreporting list
- **SAC 5-1-25 Recommendation:** Irrigated by surface water, remove from list (landowner has diversion number).

Google Earth Satellite: 2020



APN 147-030-061



- 26 acres
- Identified as irrigated by Land IQ dataset
- Communication with Landowner; spring fed irrigation
- **Recommendation:** Staff to remove parcel from the nonreported pumping list.
- **SAC 5-1-25 Recommendation:** Spring-fed, water use reported to the State, remove.

Google Earth Satellite: 2023



APN 149-010-070



- 338 acres
- Identified as irrigated by Land IQ dataset
- Reported 2024 water use
- **Recommendation:** Staff to follow up with landowners.
- **SAC 5-1-25 recommendation:** Concur with staff recommendation.

Google Earth Satellite: 2022



APN 149-160-033



- 10 acres
- Identified as irrigated by Land IQ dataset
- Recently contacted by lessee and landowner
- **Recommendation:** Continue coordination with lessee/landowner.
- **SAC 5-1-25 recommendation:** Concur with staff recommendation.

Google Earth Satellite: 2023



APN 149-230-053



- 6 acres
- Identified as irrigated by Land IQ dataset
- Reported de minimis water use
- **Recommendation:**
 1. Land IQ to verify water use (analyze ET and precipitation)
 2. If water use is likely due to pumping, staff to contact landowner. If not, remove from potential nonreporting list
- **SAC 5-1-25 recommendation:** Concur with staff recommendation.

Google Earth Satellite: 2023



APN 151-060-002

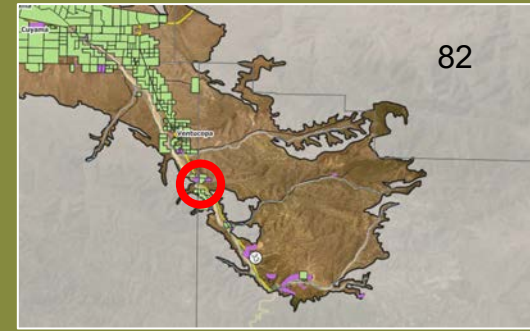


- 51 acres
- Identified as irrigated by Land IQ dataset
- **Recommendation:** Staff to follow up with landowner.
- **SAC 5-1-25 recommendation:** Concur with staff recommendation.
- **5-2-25:** Followed up with landowner, previously reported using address, remove from list.

Google Earth Satellite: 2021



APN 001-015-016

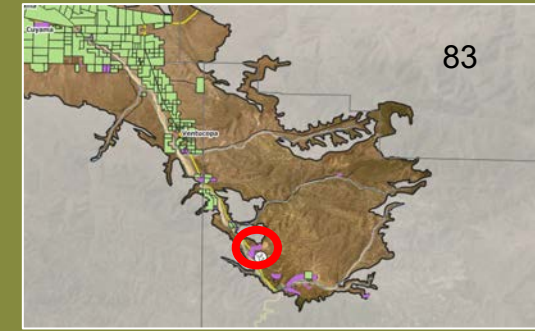


- 3 acres
- Identified as irrigated by Land IQ dataset
- Reported de minimis water use
- **Recommendation:**
 1. Land IQ to verify water use (analyze ET and precipitation)
 2. If water use is likely due to pumping, staff to contact landowner. If not, remove from potential nonreporting list
- **SAC 5-1-25 recommendation:**
Concur with staff recommendation.

Google Earth Satellite: 2021



APN 002-008-025



- 31 acres
- Identified as irrigated by Land IQ dataset
- Reported as de minimis water use
- **Recommendation:**
 1. Land IQ to verify water use (analyze ET and precipitation)
 2. If water use is likely due to pumping, staff to contact landowner. If not, remove from potential nonreporting list
- **SAC 5-1-25 Recommendation:** Classify as “dry land farmed” and remove from list.

Google Earth Satellite: 2021



APN 002-008-006



- 38 acres
- Identified as irrigated by Land IQ dataset
- **Recommendation:** Staff to follow up to landowners.
- **SAC 5-1-25**
Recommendation: Classify as “dry land farmed” and remove from list.

Google Earth Satellite: 2022



APN 002-008-025



- 45 acres
- Identified as irrigated by Land IQ dataset
- **Recommendation:** Staff to reach out to landowner.
- **SAC 5-1-25 recommendation:** Concur with staff recommendation.

Google Earth Satellite: 2021



APN 002-014-002



- 109 acres
- Identified as irrigated by Land IQ dataset
- **Recommendation:** Staff to reach out to landowner.
- **SAC 5-1-25 recommendation:** Concur with staff recommendation.

Google Earth Satellite: 2022



APN 002-014-018



- 27 acres
- Identified as irrigated by Land IQ dataset
- **Recommendation:** Staff to follow up with landowners.
- **SAC 5-1-25 recommendation:** Concur with staff recommendation.

Google Earth Satellite: 2022



APN 002-014-006



- 92 acres
- Identified as irrigated by Land IQ dataset
- **Recommendation:** Staff to reach out to landowner.
- **SAC 5-1-25 recommendation:** Concur with staff recommendation.

Google Earth Satellite: 2023



APN 002-014-017



- 26 acres
- Identified as irrigated by Land IQ dataset
- **Recommendation:** Staff to follow up with landowners.
- **SAC 5-1-25 recommendation:** Concur with staff recommendation.

Google Earth Satellite: 2023



APN 002-014-012

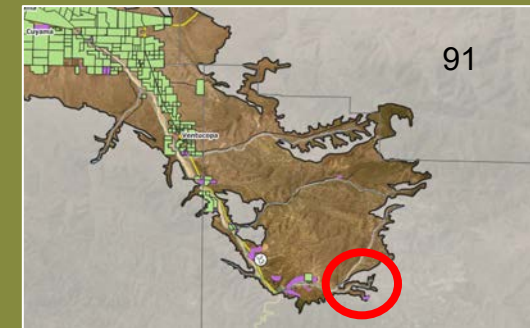


- 40 acres
- Identified as irrigated by Land IQ dataset
- **Recommendation:** Staff to follow up with landowners.
- **SAC 5-1-25 recommendation:** Concur with staff recommendation.

Google Earth Satellite: 2019



APN 002-021-006 / 002-015-016



- 19 acres
- Identified as irrigated by Land IQ dataset
- **Recommendation:** Staff to follow up with landowners.
- **SAC 5-1-25 recommendation:** Spring-fed, remove from list.

Google Earth Satellite: 2022



APN 001-022-005



- 18 acres
- Identified as irrigated by Land IQ dataset
- **Recommendation:** Staff to reach out to landowners.
- **SAC 5-1-25 recommendation:** Concur with staff recommendation.

Google Earth Satellite: 2021





TO: Board of Directors
Agenda Item No. 10

FROM: Taylor Blakslee

DATE: May 7, 2025

SUBJECT: Report on Basin-Wide Pumping

Recommendation

None; information only.

Discussion

On March 5, 2025, the Cuyama Basin Groundwater Sustainability Agency (CBGSA) Board of Directors requested an annual item on reported groundwater pumping/use be presented and that report is provided as Attachment 1.

The CBGSA began collecting water use information beginning in 2019 and the attached report summarizes water use by landowners from 2019 through 2024. One notable item is that meters were required and largely in place for 2022 and thus, 2022-2024 reported pumping predominately represents metered use (gross extractions). For 2019-2021, water use was largely reported by using crop factors or other forms to indicate water consumed and represent a net water use.

Cuyama Basin 2024 Water Use

Landowner	Reporting Entity	2019 AF	2020 AF	2021 AF	2022 AF	2023 AF	2024 AF
1	Grimmway Enterprises, Inc.	10,184.00	10,454.70	9,401.10	17,213.27	12,251.88	13,379.35
2	Bolthouse Land Company, LLC	6,004.60	8,267.22	6,432.20	11,317.03	7,809.44	9,340.12
3	Sunrise Olive Ranch	1,075.00	1,075.00	1,924.74	1,761.57	1,726.11	1,825.17
4	Kern Ridge Growers	1,558.04	1,544.00	1,587.08	3,033.23	2,673.37	1,550.20
5	Highland Vineyard SB, LLC	-	1,180.69	1,004.77	1,675.78	1,832.00	1,546.46
6	Cuyama Orchards	878.47	878.47	966.32	1,056.90	875.22	1,120.60
7	Tri-County Pistachios	941.85	832.70	911.95	1,876.00	1,118.00	1,090.00
8	Brodiaea, Inc. (Grapevine)	702.79	757.54	790.54	835.97	798.35	953.96
9	Feinstein Investments	174.25	174.25	78.80	51.33	268.88	544.87
10	Triangle E. Farms	981.90	514.37	358.11	234.27	580.75	527.43
11	Karam Pistachio Farm	-	-	-	305.52	480.38	511.82
12	Sunridge Nurseries	364.00	446.40	553.26	1,141.22	1,032.00	462.89
13	Lear Real Estate	-	457.60	290.40	492.91	568.21	460.76
14	JHP Global - JH Farms	391.50	391.50	356.40	347.02	365.28	354.30
15	Lucky Dog Ranch	284.05	328.90	287.04	344.25	343.00	350.00
16	Perkins Ranch	272.80	264.00	237.60	585.35	113.30	349.29
17	Cuyama Dairy Farm	495.45	551.41	924.86	632.04	230.73	342.33
18	Apache Canyon Ranch	323.93	318.65	322.40	357.45	327.96	339.55
19	Harrington Farms	135.00	135.00	196.94	135.84	111.19	162.68
20	Cuyama Community Services District (CCSD)	94.97	98.71	113.20	119.77	148.34	158.79
21	Chang Ceferino	-	104.65	110.63	159.24	117.00	131.60
22	Double H Farming, LLC (formerly Triple H)	358.80	358.80	358.80	382.16	104.50	113.50
23	Ann Buck		Previously reported under TripleH Farms				104.40
24	CCSH Farms		Previously reported under TripleH Farms				99.40
25	Duncan Family Farms	2,048.00	2,048.00	2,048.00	18.00	115.61	52.68
26	David Lewis	10.22	10.22	42.74	30.19	34.01	43.27
27	Anderson Development					2.07	40.83
28	Yeguada Trujillo						33.05
29	Jennifer Lee	20.93	20.93	20.93	20.93	20.93	31.81
30	Bosma and Ricci	-	-	-	13.62	24.51	24.51
31	E&B Natural Resources	22.04	22.41	23.01	21.44	24.35	24.26
32	The Ranch	72.87	18.63	18.50	18.50	18.50	18.50
33	Tanner Boyajian				DM	4.50	7.40
34	Caliente Ranch				4.77	4.07	1.01
35	Kooros Samadzadeh				7.74	13.73	0.04
36	Adam Family					3.39	
37	Cuyama Mutual Water Company	4.60	4.90	4.47			
Total		27,400	31,260	29,365	44,193	34,345	36,112



TO: Board of Directors
Agenda Item No. 11

FROM: Taylor Blakslee

DATE: May 7, 2025

SUBJECT: Report on 2024 Central Management Area Allocations

Recommended Motion

Approve the 2024 Central Management Area Allocation report.

Discussion

The 2024 Central Management Area Allocation report was provided in March 2025 and compared allocations in the CMA against pumping. However, the report did not include all known pumpers and the staff is presenting the completed report as Attachment 1.

Cuyama Basin GSA CMA + Farming Units 2024 Allocation Report

		Reported Pumping			
Reporting Entity	Landowner	Parcel Areas (Acres)	Allocation (AF)	(AF)	Percent Used
1 Ann Buck		40.00	118.59	111.50	94%
2 CSH Farms, Doug Slumskie		40.00	115.38	107.00	93%
3 Duncan Family Farms, LLC/Aguila G Boys		930.88	1,310.36	52.68	4%
4 Grimmway Enterprises, Inc		13,474.03	17,992.01	13,379.35	74%
	Caliente Ranch Cuyama, LLC	2,115.22	2,133.69	305.96	14%
	Diamond Farming Company	1,995.71	3,265.84	3,473.88	106%
	Lapis Land Company, LLC	2,227.87	5,094.35	3,479.38	68%
	Ruby Land Company, LLC	7,135.23	7,498.12	6,120.13	82%
5 JHP Global/Joo Capital		176.85	165.22	4.86	3%
6 Kern Ridge Growers, LLC		510.94	869.17	196.25	23%
7 Sunrise Olive Ranch, LLC		934.24	2,514.57	1,825.17	73%
	Sunrise Ranch Properties, LLC	927.24	2,487.81	1,825.17	73%
	Carl Reinhard	7.00	26.76	-	0%
8 Triple H Farming, LLC, Jason, Roy, & Ryan Harrington		38.53	125.51	113.50	90%
9 Wm. Bolthouse Farms, Inc.		13,495.18	22,139.31	10,150.17	46%
	Belden Family Trust ET AL	6,152.12	8,060.06	349.29	4%
	Bolthouse Land Company, LLC	6,482.94	12,734.68	9,340.12	73%
	Lear Real Estate Enterprises, LLC	541.63	815.55	460.76	56%
	Cuyama Solar	318.49	529.03	-	0%
Subtotal		29,640.65	45,350.12	25,940.48	57%



TO: Board of Directors
Agenda Item No. 12

FROM: Taylor Blakslee

DATE: May 7, 2025

SUBJECT: Report on Historic (1998-2017) Modeled Pumping for All Parcels in the Basin

Recommended Motion

None; information only.

Discussion

During the March 5, 2025 Cuyama Basin Groundwater Sustainability Agency (CBGSA) Board of Directors meeting, the Board directed staff to develop a list of modeled pumping by parcel in the basin for the historic model period (1998-2017) and that list is provided as Attachment 1.

		Model-Estimated Pumping																																Annual Average		Parcel's Percentage of Basin-Wide Historical Pumping	
APN	Parcel Owner	Grouping	Area	CMA?	FUT	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	1998-2017	1998-2017											
			Acres			Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet										
1	149-300-010	CALIENTE RANCH CUYAMA, LLC	Grimmway Enterprises, Inc			1762.84	No	Yes	1200.77	1786.12	3034.21	1086.78	2973.42	1250.06	1206.07	965.14	1316.16	1481.30	831.03	1306.91	998.10	968.24	1189.48	1189.00	1820.28	1055.37	1294.56	2400.21	1467.66	3.03%							
2	149-330-008	SMITH MICHAEL D	Other			7.19	Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%							
3	149-330-009	SMITH MICHAEL D	Other			3.2	Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%							
4	149-330-013	BOLTHOUSE PROPERTIES LLC	Wm. Bolthouse Farms, Inc.			0.96	Yes	No	1.52	0.37	1.63	0.42	1.83	0.38	0.37	1.69	1.36	0.00	2.1	1.52	1.29	1.84	1.46	1.40	1.10	0.15	1.16	0.23	0.08	0.00%							
5	149-310-005	RUBY LAND COMPANY LLC	Grimmway Enterprises, Inc			1432.79	No	Yes	1771.88	1207.81	2624.58	377.99	2805.54	1069.88	1131.16	1696.50	1438.14	1338.85	2413.58	1220.54	2057.67	1666.99	1073.97	1183.75	1757.80	1032.46	730.03	751.20	1448.33	3.00%							
6	149-330-002	BOLTHOUSE PROPERTIES LLC	Wm. Bolthouse Farms, Inc.			0.37	Yes	No	0.06	0.01	0.06	0.02	0.07	0.01	0.01	0.07	0.05	0.00	0.08	0.06	0.05	0.07	0.06	0.06	0.08	0.01	0.01	0.01	0.04	0.00%							
7	149-330-007	DUE LIMONI, LLC	Other			11.87	Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%							
8	149-330-010	BOLTHOUSE LAND COMPANY, LLC	Wm. Bolthouse Farms, Inc.			0.13	Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%							
9	149-330-011	RUBY LAND COMPANY LLC	Grimmway Enterprises, Inc			5.72	Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%							
10	149-330-014	BOLTHOUSE PROPERTIES, LLC	Wm. Bolthouse Farms, Inc.			12.01	Yes	No	303.93	78.13	332.95	91.52	378.07	64.13	62.04	342.02	273.71	1.74	430.47	318.04	251.96	376.15	316.41	283.28	410.38	354.37	16.83	22.87	219.68	0.45%							
11	149-310-003	RUBY LAND COMPANY LLC	Grimmway Enterprises, Inc			17848.43	Yes	No	1443.02	768.49	635.62	127.07	765.25	1683.33	1494.53	1283.73	1927.21	1643.51	1925.56	1979.98	1109.08	1765.71	1529.35	1073.47	2163.91	1585.78	1234.87	134.96	2.79%								
12	149-330-004	CARSON, MARVIN J EST/OF	Other			0.39	Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%							
13	149-010-025	AGUILA G-BOYS, LLC	Duncan Family Farms, LLC/Aguila G Boys			131.31	Yes																														

APN	Parcel Owner	Grouping	Area Acres	CMA? FU?	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Annual Average of Basin-Wide Historical Pumping (1998-2017)		
																									1998-2017	1998-2017	
86	149-140-090	BOLTHOUSE LAND COMPANY, LLC	Wm. Bolthouse Farms, Inc.	3.444 Yes	No	126.80	639.75	115.09	701.30	158.27	690.47	647.06	420.83	603.70	547.96	289.56	659.84	506.42	43.42	697.36	463.13	31.85	634.56	475.68	540.51	449.68	0.93%
87	149-140-100	BOLTHOUSE LAND COMPANY, LLC	Wm. Bolthouse Farms, Inc.	86.88 No	Yes	0.00	0.00	4.97	11.95	9.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	251.14	0.00	0.00	236.00	262.89	38.81	0.08%	
88	149-150-005	BOLTHOUSE LAND COMPANY, LLC	Wm. Bolthouse Farms, Inc.	81.87 Yes	No	40.12	249.42	146.30	275.23	175.93	12.74	15.38	209.65	167.19	224.57	147.28	0.00	38.93	274.33	38.52	40.40	14.60	209.15	16.80	12.38	115.45	0.24%
89	149-150-026	HOEKSTRA FAMILY TRUST 5/6/99	Hoekstra Family Trust	112.68 Yes	No	134.27	132.98	168.74	170.59	356.97	295.40	399.07	190.53	336.79	197.65	356.47	369.72	376.90	325.86	386.33	365.32	409.12	401.47	362.50	320.02	302.83	0.63%
90	149-121-004	ENGRISER, MARTIN	Other	2.4 Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
91	149-123-018	PRICE FAMILY TRUST 10/18/12	Other	2.27 Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
92	149-124-008	ROSCAMP, RHODA	Other	0.2 Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
93	149-132-005	URIBE, CESAR	Other	0.58 Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
94	149-132-013	JOYENO, ELIAS	Other	0.2 Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
95	149-132-019	JOYENO, ELIAS	Other	0.34 Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
96	149-140-065	BELDEN FAM TR ET AL	Wm. Bolthouse Farms, Inc.	315.09 Yes	No	0.00	165.60	780.86	986.65	927.27	593.13	564.74	462.88	343.19	590.56	868.09	600.61	98.63	564.93	583.04	330.36	421.19	49.87	351.87	373.59	482.85	1.00%
97	149-150-002	BOLTHOUSE LAND COMPANY, LLC	Wm. Bolthouse Farms, Inc.	66.86 Yes	No	32.84	7.58	37.37	8.87	41.34	21.31	22.41	37.88	3.37	2.16	4.60	33.32	6.58	6.10	40.85	31.43	13.39	2.32	3.66	3.52	18.05	0.04%
98	149-150-008	DIAZ, JOSE CANUTO	Other	40.89 Yes	No	0.06	0.26	0.16	0.30	0.20	0.00	0.01	0.01	0.01	0.29	0.20	0.00	0.04	0.29	0.33	0.13	0.01	0.01	0.03	0.18	0.13	0.00%
99	149-150-009	DIAZ, JOSE CANUTO	Other	26.1 Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
100	149-150-019	HOEKSTRA FAMILY TRUST 5/6/99	Hoekstra Family Trust	36.18 Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.82	4.70	148.02	147.20	145.81	138.57	146.06	150.19	148.95	151.40	138.92	122.73	72.37	0.15%
101	149-170-023	CUYAMA II	Other	274.12 Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
102	149-150-023	KERN RIDGE GROWERS, LLC	Kern Ridge Growers, LLC	161.36 Yes	No	81.27	93.89	431.20	411.83	430.17	526.13	494.03	255.48	471.93	127.63	219.78	516.82	280.27	44.71	488.72	97.45	184.65	439.10	87.95	21.98	285.25	0.59%
103	149-140-098	BOLTHOUSE LAND COMPANY, LLC	Wm. Bolthouse Farms, Inc.	311.38 No	Yes	0.00	0.00	6.49	14.20	16.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	556.35	422.28	509.66	530.47	1040.70	167.82	0.35%	
104	149-150-017	HOEKSTRA FAMILY TRUST 5/6/99	Hoekstra Family Trust	120.5 Yes	No	38.00	344.07	288.00	353.58	385.44	26.72	206.99	32.60	163.29	337.17	340.87	34.22	326.08	309.88	340.81	350.44	364.63	370.63	334.82	295.81	262.20	0.54%
105	149-150-032	CUYAMA SOLAR, LLC	Wm. Bolthouse Farms, Inc.	38.26 No	Yes	24.47	6.82	26.37	7.82	31.69	30.74	29.13	26.1	25.84	0.00	0.37	30.64	4.67	21.36	28.89	26.16	30.24	1.84	0.35	0.93	16.55	0.03%
106	149-160-036	BOLTHOUSE LAND COMPANY, LLC	Wm. Bolthouse Farms, Inc.	165.62 No	Yes	0.02	0.00	0.89	0.95	1.07	467.64	506.03	289.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.33	35.26	65.66	0.14%
107	149-170-016	KERN RIDGE GROWERS, LLC	Kern Ridge Growers, LLC	39.77 Yes	No	8.66	9.97	0.10	0.00	0.14	0.07	0.07	0.02	5.44	8.00	136.90	21.12	6.25	3.90	122.62	12.04	8.01	53.10	13.54	3.24	20.66	0.04%
108	149-150-038	USA	Other	56.24 Yes	No	0.08	0.14	0.01	0.12	0.02	0.05	0.08	0.12	0.00	0.00	0.12	0.05	0.07	0.11	0.02	0.18	0.00	0.00	0.00	0.14	0.07	0.00%
109	149-170-014	FARRY MICHAEL	Other	0.16 Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.02	0.02	0.02	0.44	0.44	0.03	0.02	0.05	0.00%
110	149-170-034	CUYAMA II	Other	245.55 Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
111	149-180-024	BAKER, REGGY L	Other	4.12 Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
112	149-170-010	SUNRISE RANCH PROPERTIES, LLC (CA)	Sunrise Olive Ranch, LLC	26.97 Yes	No	12.33	13.81	122.63	85.94	106.18	108.47	105.03	93.95	86.05	100.88	111.94	118.47	88.63	89.52	103.91	108.35	3.17	0.76	2.93	2.14	73.34	0.15%
113	149-170-012	KERN RIDGE GROWERS, LLC	Kern Ridge Growers, LLC	92.75 Yes	No	184.35	59.18	20.42	13.46	13.74	192.12	183.98	10.10	17.21	192.84	153.81	23.00	177.81	12.95	112.56	210.68	0.00	0.00	238.97	250.31	111.15	0.23%
114	149-170-026	LEE YONG	Other	331.74 Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
115	149-170-030	PHAN, MICHAEL	Other	64.83 Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	1.01	0.99	0.96	0.88	0.06	0.05	0.90	0.88	0.00	0.78	0.82	0.37	0.00%
116	149-170-032	HOEKSTRA FAMILY TRUST 5/6/99	Hoekstra Family Trust	3.19 Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
117	149-123-015	PRICE, WILLIAM G	Other	0.2 Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
118	149-124-005	BROWN FAMILY TRUST 9/82	Other	0.96 Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
119	149-131-003	PRICE, WILLIAM G	Other	0.51 Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
120	149-132-004	MENDIBURU PETE & CHRISTINE TRUST	Other	0.25 Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
121	149-132-016	JOYENO, ELIAS	Other	0.2 Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
122	149-140-005	BELDEN FAM TR ET AL	Wm. Bolthouse Farms, Inc.	635.73 Yes	No	92.796	1336.47	1919.06	1006.55	2304.01	1112.79	1065.05	1318.80	717.42	1604.86	1578.95	877.51	958.23	1644.10	931.22	1134.83	503.42	641.54	899.92	713.48	1159.81	2.40%
123	149-140-007	BELDEN FAM TR ET AL	Wm. Bolthouse Farms, Inc.	643.92 No	Yes	532.17	647.10	1448.47	393.67	1640.20	273.38	270.69	951.35	119.35	1186.94	1652.93	962.73	714.38	1113.16	619.87	1621.43	594.07	443.64	839.24	677.19	836.10	1.73%
124	149-150-025	USA	Other	80.54 Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
125	149-150-021	CUYAMA SOLAR, LLC	Wm. Bolthouse Farms, Inc.	40.45 No	Yes	21.75	6.21	24.35	6.99	28.53	28.17	26.52	22.32	0.00	0.00	0.00	25.78	3.99	18.49	24.87	22.56	27.05	1.29	0.53	0.58	14.65	0.03%
126	149-160-037	KERN RIDGE GROWERS, LLC	Kern Ridge Growers, LLC	162.63 Yes	No	331.62	409.90	301.71	358.84	362.84	528.06	422.94	476.16	38.19	56.42	402.87	214.53	159.96	376.65	172.12	53.32	434.65	101.51	434.13	182.72	293.91	0.61%
127	149-170-009	SUNRISE RANCH PROPERTIES, LLC (CA)	Sunrise Olive Ranch, LLC	303.95 Yes	No	660.26	844.51	953.80	755.82	914.93	1008.88	1079.01	901.79	820.61	407.84	448.05	683.40	614.									

APN	Parcel Owner	Grouping	Area	CMA?	FU?	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Parcel's Percentage of Basin-Wide				
																										Annual Average 1998-2017	Historical Pumping (1998-2017)			
172	096-201-020	SUNRISE RANCH PROPERTIES LLC	Sunrise Olive Ranch, LLC	Acres		52.82	Yes	No	83.86	102.77	37.94	39.84	43.90	127.56	127.87	111.24	46.18	62.76	68.08	219.65	158.41	155.08	56.78	63.16	7.14	4.14	52.46	54.24	81.16	0.17%
173	096-201-021	SUNRISE RANCH PROPERTIES LLC	Sunrise Olive Ranch, LLC	109.5	Yes	No	277.38	331.33	280.07	236.40	285.53	304.96	304.60	271.67	201.15	241.91	265.60	470.05	347.97	342.19	219.13	235.92	175.56	6.93	120.92	129.04	245.52	0.51%		
174	096-201-022	KERN RIDGE GROWERS LLC	Kern Ridge Growers, LLC	426.05	Yes	No	523.50	630.21	829.67	664.52	823.91	853.17	808.45	731.47	672.58	780.21	874.92	867.31	683.89	652.87	816.86	852.33	27.49	10.77	388.01	404.61	644.84	1.33%		
175	096-211-058	BOLTHOUSE LAND COMPANY LLC	Wm. Bolthouse Farms, Inc.	85.66	Yes	No	254.10	268.71	307.81	231.49	303.10	46.33	62.59	252.23	22.90	159.06	309.74	135.80	37.13	278.01	166.09	48.61	286.95	236.13	15.86	289.13	185.59	0.38%		
176	096-211-060	BOLTHOUSE LAND COMPANY LLC	Wm. Bolthouse Farms, Inc.	90.98	Yes	No	281.34	298.93	341.10	251.65	400.05	42.56	58.45	281.64	21.31	174.97	342.55	154.40	39.87	309.86	182.72	51.32	326.43	257.26	16.92	314.32	204.19	0.42%		
177	096-211-038	UNITED STATES OF AMERICA	Other	30.6	Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%		
178	096-211-027	SUNRISE RANCH PROPERTIES LLC	Sunrise Olive Ranch, LLC	176.54	Yes	No	433.00	518.27	543.65	430.03	536.41	120.84	146.74	122.93	532.41	575.83	641.52	104.43	82.90	59.64	589.08	586.70	24.16	13.49	210.58	201.23	323.69	0.67%		
179	096-211-040	UNITED STATES OF AMERICA	Other	142.7	Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%		
180	096-211-039	HOEKSTRA FAMILY TRUST	Hoekstra Family Trust	20.7	Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%		
181	096-211-037	UNITED STATES OF AMERICA	Other	77.53	Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%		
182	096-211-035	UNITED STATES OF AMERICA	Other	125.37	Yes	No	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.01	0.00	0.01	0.02	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.01	0.00%		
183	096-211-025	KING MARY A TRE ETAL	Other	6.08	Yes	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%		
184	096-211-063	BOLTHOUSE LAND COMPANY LLC	Wm. Bolthouse Farms, Inc.	269.69	Yes	No	525.27	499.55	678.71	635.06	749.70	58.94	63.30	257.88	50.74	719.38	643.12	402.53	572.69	348.65	253.72	672.70	325.81	48.04	599.34	108.96	421.70	0.87%		
185	096-211-062	BOLTHOUSE LAND COMPANY LLC	Wm. Bolthouse Farms, Inc.	87.46	Yes	No	190.45	184.89	217.31	228.59	250.42	330.60	275.67	254.23	265.32	197.61	177.32	210.06	212.93	295.19	128.80	67.02	19.11	261.72	32.66	28.31	196.36	0.41%		
186	096-211-029	BOLTHOUSE LAND COMPANY LLC	Wm. Bolthouse Farms, Inc.	185.67	Yes	No	345.43	339.08	393.84	431.43	474.70	389.64	441.36	369.50	508.44	445.80	347.85	243.42	505.92	288.41	275.37	601.90	52.10	13.29	551.75	137.69	357.85	0.74%		
187	096-211-045	SUNRISE RANCH PROPERTIES LLC	Sunrise Olive Ranch, LLC	13.79	Yes	No	45.88	55.17	74.26	60.43	71.93	70.97	72.38	60.12	62.17	69.78	80.64	84.55	63.13	61.51	6.45	8.93	2.94	1.74	19.61	21.09	50.34	0.10%		
188	096-211-043	SUNRISE RANCH PROPERTIES LLC	Sunrise Olive Ranch, LLC	25.72	Yes	No	67.95	81.28	111.86	88.07	107.82	113.21	106.47	96.20	90.13	103.28	116.82	121.91	92.88	91.18	33.24	37.52	3.83	1.81	41.89	43.79	77.56	0.16%		
189	096-211-044	SUNRISE RANCH PROPERTIES LLC	Sunrise Olive Ranch, LLC	12.95	Yes	No	26.64	28.93	37.85	28.37	34.96	36.20	34.42	31.13	28.70	33.09	37.36	3.59	3.11	1.84	35.57	35.94	1.22	0.73	9.65	9.88	22.96	0.05%		
190	096-211-042	SUNRISE RANCH PROPERTIES LLC	Sunrise Olive Ranch, LLC	26.11	Yes	No	81.87	88.62	111.64	86.38	104.64	111.74	105.72	92.79	89.90	100.92	115.48	10.88	9.54	5.46	110.81	108.97	4.46	2.12	23.42	25.90	69.56	0.14%		
191	096-211-034	REINHARD CARL W JR TRE ETAL	Sunrise Olive Ranch, LLC	7.09	Yes	No	20.61	23.12	29.58	22.82	28.28	29.18	27.71	25.13	23.02	26.65	30.03	31.44	24.12	23.72	10.30	11.62	0.84	0.27	11.91	12.02	20.62	0.04%		
192	096-211-033	SUNRISE RANCH PROPERTIES LLC	Sunrise Olive Ranch, LLC	33.23	Yes	No	90.93	104.96	135.43	105.88	131.81	136.36	130.50	116.47	109.52	123.99	139.79	146.31	110.61	109.62	18.38	23.31	4.03	1.52	40.70	41.26	91.07	0.19%		
193	096-211-026	BOLTHOUSE LAND COMPANY LLC	Wm. Bolthouse Farms, Inc.	43.86	Yes	No	91.44	89.53	101.10	111.33	123.04	153.81	132.44	125.09	131.25	94.55	83.17	104.65	98.61	142.48	106.13	26.41	7.22	127.32	12.66	12.64	93.74	0.19%		
194	096-211-028	BOLTHOUSE LAND COMPANY LLC	Wm. Bolthouse Farms, Inc.	46.23	Yes	No	79.73	77.86	88.41	95.45	107.85	134.73	116.87	108.30	114.27	75.75	74.19	86.10	82.63	121.04	95.65	23.10	5.90	105.53	6.97	11.57	80.57	0.17%		
195	096-211-032	BUCK ANN M TRE ETAL	Ann Buck	39.53	Yes	No	84.72	86.25	95.83	104.32	120.48	97.57	124.29	127.58	126.43	123.30	132.15	138.53	145.73	135.66	157.34	144.49	170.12	148.40	137.22	136.74	126.81	0.26%		
196	096-211-061	BOLTHOUSE LAND COMPANY LLC	Wm. Bolthouse Farms, Inc.	234.19	Yes	No	431.02	403.89	481.53	488.06	564.28	39.37	45.74	371.74	43.18	509.01	618.23	190.27	91.49	321.00	438.76	119.17	45.97	25.75	306.15	431.41	298.30	0.62%		
197	096-211-062	BOLTHOUSE LAND COMPANY LLC	Wm. Bolthouse Farms, Inc.	82.92	Yes	No	223.24	241.26	279.92	208.59	278.09	240.27	205.09	203.75	190.43	189.71	253.10	181.75	24.30	18.95	253.05	43.42	17.10	11.59	230.44	30.89	167.38	0.35%		
198	096-441-054	LAPIS LAND CO LLC	Grimmway Enterprises, Inc.	418.55	Yes	No	1044.75	1135.63	1571.38	1128.61	1477.38	759.10	625.80	267.82	290.26	1291.08	282.60	534.21	1326.51	809.80	850.54	1075.50	487.08	527.99	806.21	527.99	806.21	1.67%		
199	096-441-056	BOLTHOUSE LAND COMPANY LLC	Wm. Bolthouse Farms, Inc.	377.72	Yes	No	1167.29	1247.02	1417.95	1055.81	1419.05	647.90	682.85	585.87	557.43	992.43	1025.30	449.04	555.34	1199.81	185.58	480.33	389.47	556.10	384.76	77.14	753.82	1.56%		
200	096-441-028	PRITZ STEVEN A	Other	9.89	Yes	No	5.89	3.84	6.55	3.72	6.93	1.18	1.34	3.60	2.60	1.79	2.21	3.20	3.23	6.17	3.34	4.13	0.51	4.21	0.31	2.94	3.53	0.01%		
201	096-441-054	BOLTHOUSE LAND COMPANY LLC	Wm. Bolthouse Farms, Inc.	199.39	Yes	No	556.65	133.52	603.08	145.74	678.13	119.16	128.57	585.21	211.48	184.12	600.83	451.04	237.61	457.16	592.74	263.85	396.80	131.45	401.20	456.18	366.73	0.76%		
202	096-441-014	LAPIS LAND COMPANY LLC	Grimmway Enterprises, Inc.	587.74	Yes	No	0.00	0.00	1413.69	1190.96	1468.77	950.41	942.32	1348.05	1544.65	1864.60	1732.61	451.04	1272.24	381.24	419.47	869.40	1038.97	813.46	896.91	100.90	980.28	2.03%		
203	096-451-023	RUBY LAND COMPANY LLC	Grimmway Enterprises, Inc.	213.38	No	Yes	401.91	499.60	389.90	0.52	348.95	149.90	154.64	657.34	110.32	185.13	619.14	449.72	527.27	319.72	463.19	61.75	534.72	420.55	317.77	79.80	334.59	0.69%		
204	096-451-012	CALENTE RANCH CUYAMA LLC	Grimmway Enterprises, Inc.	352.94	No	Yes	3.12	2.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.83	13.31	191.15	588.74	680.19	148.01	81.86	0.17%		
205	096-451-013	RUBY LAND COMPANY LLC	Grimmway Enterprises, Inc.	144.2	No	Yes	133.10	121.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.41	38.41	543.13	367.07	171.38	58.10	73.12	0.15%		
206	096-451-014	RUBY LAND COMPANY LLC	Grimmway Enterprises, Inc.	146.05	No	Yes	137.95	126.46	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.06	0.01	0.00	0.00	0.00	3.42	6.88	197.41	22.73	187.19	37.01	35.96	0.07%		
207	096-451-015	RUBY LAND COMPANY LLC	Grimmway Enterprises, Inc.	165.27	No	Yes	45.72	147.00	27.34	0.00	16.99	155.69	149.78	25.98	161.26	159.17	25.04	151.45	189.31	0.00	301.04	314.95	175.73	155.63	152.48	147.09	116.56	0.24%		
208	096-451-016	RUBY LAND COMPANY LLC	Grimmway Enterprises, Inc.	130.5	No	Yes	19.26	21.07	34.56	0.00	32.30	22.69	21.79	34.30	20.26	6.23	80.07	0.91	21.01	3.05	296.07	55.53	305.75	270.74	48.97	14.66	60.32	0.12%		
209	096-451-018	RUBY LAND COMPANY LLC	Grimmway Enterprises, Inc.	91.98	No	Yes	213.84	232.57	556.27	0.68	522.95	233.50	224.59	41.93	175.19	192.32	117.72	10.14	253.69	162.41	34.18	259.00	66.25	9.87	281.81	54.74				

APN	Parcel Owner	Grouping	Area	CMA? FU?	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Parcel's Percentage of Basin-Wide			
																									Annual Average 1998-2017	Historical Pumping (1998-2017)		
			Acres		Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres			
344	001-0-130-020	UNITED STATES OF AMERICA	Outside CMA and Farming Units	640	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
345	001-0-140-010	UNITED STATES OF AMERICA	Outside CMA and Farming Units	625.6	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
346	001-0-140-020	UNITED STATES OF AMERICA	Outside CMA and Farming Units	640	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
347	001-0-140-030	UNITED STATES OF AMERICA	Outside CMA and Farming Units	627	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
348	001-0-140-040	UNITED STATES OF AMERICA	Outside CMA and Farming Units	640	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
349	001-0-150-030	UNITED STATES OF AMERICA	Outside CMA and Farming Units	340.88	No	1.38	1.59	9.79	11.14	11.16	1.06	0.25	0.00	9.44	10.73	12.43	1.93	0.80	0.20	11.00	11.81	10.07	9.66	7.65	8.52	6.53	0.01%	
350	001-0-150-045	D & J CAMPBELL BST LLC	Outside CMA and Farming Units	80	No	17.55	17.48	122.55	132.08	135.15	11.39	3.14	0.02	110.33	126.69	149.45	27.42	14.82	6.18	130.74	140.89	122.67	117.44	93.06	105.38	79.22	0.16%	
351	001-0-150-065	D & J CAMPBELL BST LLC	Outside CMA and Farming Units	80	No	24.39	23.95	33.34	32.71	37.47	8.83	11.51	4.70	15.28	30.10	32.59	188.31	185.40	133.06	9.53	9.37	155.13	153.34	16.11	11.16	55.81	0.12%	
352	001-0-150-070	MENZIES JAMES I TRUST	Outside CMA and Farming Units	160	No	0.00	0.00	0.00	0.00	0.67	0.00	0.00	0.00	23.00	25.99	30.61	25.37	24.04	16.92	27.04	29.85	4.26	0.06	0.13	0.92	10.47	0.02%	
353	001-0-150-085	MENZIES JAMES I TRUST	Outside CMA and Farming Units	80	No	4.60	4.60	4.52	3.56	6.06	2.75	6.70	2.64	15.00	17.79	19.62	20.64	16.31	11.59	18.50	21.93	10.62	3.92	138.15	154.22	24.19	0.05%	
354	001-0-150-090	MENZIES JAMES I TRUST	Outside CMA and Farming Units	160	No	0.00	0.00	0.23	0.26	3.85	0.00	3.51	0.00	117.40	132.57	154.74	117.69	103.83	73.36	135.43	145.65	13.48	0.75	8.88	9.15	51.04	0.11%	
355	001-0-150-100	MENZIES JAMES I & DOROTHY TR	Outside CMA and Farming Units	60	No	0.00	0.00	0.00	0.00	1.09	0.00	1.00	0.00	0.24	0.25	0.25	33.35	30.19	32.61	3.85	0.42	34.38	18.04	2.43	0.39	7.92	0.02%	
356	001-0-150-110	D & J CAMPBELL BST LLC	Outside CMA and Farming Units	80	No	20.28	19.64	8.99	17.27	21.60	0.25	4.86	0.16	9.75	22.84	29.02	141.93	137.01	97.13	10.18	11.25	109.41	109.34	10.16	5.22	39.31	0.08%	
357	001-0-150-135	D & J CAMPBELL BST LLC	Outside CMA and Farming Units	114.95	No	2.73	2.51	5.70	3.23	3.01	0.00	0.00	0.00	0.70	2.35	2.82	24.41	23.58	16.89	0.56	0.60	4.18	4.01	15.53	17.85	6.54	0.01%	
358	001-0-150-150	D & J CAMPBELL BST LLC	Outside CMA and Farming Units	115.98	No	2.69	2.47	5.61	3.17	2.96	0.00	0.00	0.00	0.69	2.33	2.77	24.01	23.29	16.62	0.55	0.59	4.68	4.53	14.66	16.84	6.42	0.01%	
359	001-0-150-160	MENZIES JAMES I TRUST	Outside CMA and Farming Units	125.53	No	7.93	8.05	4.13	1.92	2.63	2.53	4.13	2.43	2.24	2.43	2.27	2.16	1.76	1.18	2.05	3.98	3.01	1.86	36.07	42.46	6.76	0.01%	
360	001-0-150-170	D & J CAMPBELL BST LLC	Outside CMA and Farming Units	118.66	No	7.78	7.61	11.23	10.21	11.54	1.30	2.52	1.25	2.69	7.28	8.71	50.56	48.93	36.03	1.47	2.49	13.38	11.91	33.21	32.91	15.15	0.03%	
361	001-0-150-185	FRONTINO SUSAN T	Outside CMA and Farming Units	15.12	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
362	001-0-150-195	HARRINGTON RYAN P & AMY L TR	Outside CMA and Farming Units	40	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.97	3.61	3.33	2.98	3.40	0.58	0.27	0.38	0.59	0.91	0.00%	
363	001-0-150-205	MULFORD CARLA A TR ET AL	Outside CMA and Farming Units	69.1	No	26.58	28.49	27.83	31.29	31.86	2.94	1.51	0.63	26.98	30.32	35.82	5.66	3.33	1.53	32.75	35.37	2.27	1.16	1.37	1.56	16.46	0.03%	
364	001-0-150-215	HARRINGTON JASON ET AL	Outside CMA and Farming Units	80	No	0.43	0.49	3.03	3.45	3.45	0.33	0.08	0.00	2.93	3.32	3.85	0.59	0.23	0.05	3.41	3.66	3.11	2.98	2.37	2.64	2.02	0.00%	
365	001-0-160-010	UNITED STATES OF AMERICA	Outside CMA and Farming Units	381	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
366	001-0-160-020	UNITED STATES OF AMERICA	Outside CMA and Farming Units	391.51	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
367	001-0-160-030	UNITED STATES OF AMERICA	Outside CMA and Farming Units	399.55	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
368	001-0-160-040	UNITED STATES OF AMERICA	Outside CMA and Farming Units	530	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
369	001-0-160-050	MENZIES JAMES I & DOROTHY TR	Outside CMA and Farming Units	80	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
370	001-0-160-060	UNITED STATES OF AMERICA	Outside CMA and Farming Units	480.35	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
371	001-0-160-075	ZANNON EUGENE T & GAIL K TR	Outside CMA and Farming Units	160	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
372	001-0-160-085	TRUE NATURE SOCIETY	Outside CMA and Farming Units	83.25	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
373	001-0-160-090	UNITED STATES OF AMERICA	Outside CMA and Farming Units	643.12	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
374	001-0-170-025	MENZIES JAMES I TRUST	Outside CMA and Farming Units	80	No	11.76	6.53	4.99	4.41	5.91	3.72	5.73	3.11	6.37	8.51	9.31	121.64	120.46	92.21	12.35	18.13	12.52	6.16	141.49	165.06	38.02	0.08%	
375	001-0-170-030	UNITED STATES OF AMERICA	Outside CMA and Farming Units	30	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
376	001-0-170-055	MENZIES JAMES I & DOROTHY TR	Outside CMA and Farming Units	160	No	0.00	0.00	0.00	1.93	1.53	11.19	1.83	10.39	1.03	130.18	150.60	166.44	72.28	28.17	33.21	198.57	203.51	50.86	13.64	129.04	132.78	66.86	0.14%
377	001-0-170-060	UNITED STATES OF AMERICA	Outside CMA and Farming Units	380	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
378	001-0-170-070	HAHN KENNETH & TINA TRUST	Outside CMA and Farming Units	100	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
379	001-0-170-090	UNITED STATES OF AMERICA	Outside CMA and Farming Units	155.76	No	56.25	52.93	103.06	82.19	108.88	95.13	80.03	77.00	65.68	73.87	99.20	99.05	87.57	92.44	97.77	100.35	109.16	104.22	97.59	103.55	89.30	0.18%	
380	001-0-170-100	UNITED STATES OF AMERICA	Outside CMA and Farming Units	340	No	37.56	41.87	49.49	51.02	50.98	11.57	11.71	10.43	46.52	50.84	56.78	55.76	44.50	41.07	55.42	56.11	62.36	37.98	39.85	43.49	42.77	0.09%	
381	001-0-170-115	ALBANO FAMILY L P	Outside CMA and Farming Units	100	No	224.06	244.77	346.16	287.79	332.47	163.06	151.72	134.98	289.31	309.31	354.79	140.12	121.46	106.16	351.94	351.09	201.96	147.28	211.08	227.41	234.85	0.49%	
382	001-0-170-120	ALBANO FAMILY L P	Outside CMA and Farming Units	40	No	57.30	33.74	50.11	37.18	48.02	102.63	84.50	82.80	81.73	85.37	112.21	114.36	103.55	109.78	110.30	111.17	111.71	108.65	101.75	107.00	87.79	0.18%	
383	001-0-170-135	RAHE MARVIN & CHRISTINE M	Outside CMA and Farming Units	40	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
384	001-0-170-145	ALBANO FAMILY L P	Outside CMA and Farming Units	310	No	412.99	416.71	766.08	616.78	792.31	688.12	579.03	542.59	578.99	637.62	794.24	706.96	624.39	632.59	759.73	764.09	711.44	705.76	632.14	670.81	651.66	1.35%	
385	001-0-170-150	L.A. JUNGSTO SOCIETY	Outside CMA and Farming Units	97.88																								

																												Parcel's Percentage of Basin-Wide		
APN	Parcel Owner	Grouping	Area	CMA?	FU?	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Annual Average 1998-2017	Historical Pumping (1998-2017)			
			Acres			Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres			
516	002-0-100-150	SIX SPRINGS LAND & CATTLE INC	Outside CMA and Farming Units	40.21	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
517	002-0-100-160	ROBINSON JEANETTE M	Outside CMA and Farming Units	45.54	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
518	002-0-120-020	UNITED STATES OF AMERICA	Outside CMA and Farming Units	308.96	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
519	002-0-120-030	STALLINGS GLENN F TR	Outside CMA and Farming Units	155.4	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
520	002-0-120-040	UNITED STATES OF AMERICA	Outside CMA and Farming Units	355.5	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
521	002-0-120-050	UNITED STATES OF AMERICA	Outside CMA and Farming Units	379.45	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
522	002-0-120-065	STALLINGS GLENN F TR	Outside CMA and Farming Units	74.4	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
523	002-0-120-070	UNITED STATES OF AMERICA	Outside CMA and Farming Units	478.69	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
524	002-0-120-080	UNITED STATES OF AMERICA	Outside CMA and Farming Units	640	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
525	002-0-120-090	UNITED STATES OF AMERICA	Outside CMA and Farming Units	640	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
526	002-0-130-010	UNITED STATES OF AMERICA	Outside CMA and Farming Units	378.26	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
527	002-0-130-020	UNITED STATES OF AMERICA	Outside CMA and Farming Units	377.28	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
528	002-0-130-030	UNITED STATES OF AMERICA	Outside CMA and Farming Units	376.08	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
529	002-0-130-040	UNITED STATES OF AMERICA	Outside CMA and Farming Units	640	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
530	002-0-130-050	UNITED STATES OF AMERICA	Outside CMA and Farming Units	640	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
531	002-0-130-060	UNITED STATES OF AMERICA	Outside CMA and Farming Units	530	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
532	002-0-130-070	VIRGLIO MICHAEL A E A TR	Outside CMA and Farming Units	159.47	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
533	002-0-140-020	UNITED STATES OF AMERICA	Outside CMA and Farming Units	230.33	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
534	002-0-140-040	UNITED STATES OF AMERICA	Outside CMA and Farming Units	50	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
535	002-0-140-055	WILKE JOHN W III	Outside CMA and Farming Units	160	No	No	0.00	4.42	4.27	0.74	5.02	3.34	1.66	2.49	0.66	4.68	2.39	4.65	2.43	4.76	0.64	5.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
536	002-0-140-060	UNITED STATES OF AMERICA	Outside CMA and Farming Units	440	No	No	0.00	68.10	65.90	11.71	77.36	51.56	25.73	38.43	10.44	72.17	36.92	71.63	37.54	73.30	9.78	81.30	0.01	0.00	61.24	64.88	42.90	0.09%		
537	002-0-140-075	HISTORIC REYES RANCH LLC	Outside CMA and Farming Units	631.98	No	No	0.00	398.27	429.24	62.47	452.01	299.56	150.73	224.96	56.69	421.21	213.12	420.51	218.46	428.52	79.95	481.32	298.54	202.49	470.26	488.25	289.83	0.60%		
538	002-0-140-080	UNITED STATES OF AMERICA	Outside CMA and Farming Units	240	No	No	0.00	58.41	68.56	57.78	64.77	51.93	46.85	29.64	53.39	68.26	60.84	56.52	44.13	46.91	3.84	25.74	0.38	0.28	18.06	19.15	38.77	0.08%		
539	002-0-140-095	JR INVESTMENT PROPERTIES LLC	Outside CMA and Farming Units	160	No	No	0.00	348.42	336.62	362.81	288.66	332.21	384.35	166.58	460.53	437.22	511.28	333.90	328.25	232.28	243.21	226.33	132.45	146.29	26.05	32.07	266.49	0.55%		
540	002-0-140-100	UNITED STATES OF AMERICA	Outside CMA and Farming Units	80	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
541	002-0-140-125	JR INVESTMENT PROPERTIES LLC	Outside CMA and Farming Units	40	No	No	76.54	99.49	122.76	143.89	113.00	95.57	110.69	47.81	127.66	123.06	144.72	96.51	93.99	65.69	153.52	140.25	5.83	12.19	8.10	10.00	89.66	0.19%		
542	002-0-140-130	UNITED STATES OF AMERICA	Outside CMA and Farming Units	40	No	No	4.01	10.44	7.05	7.22	5.75	4.86	5.63	2.43	6.56	6.27	7.35	4.91	4.79	3.36	7.82	7.15	0.20	0.40	0.00	0.00	4.87	0.01%		
543	002-0-140-140	UNITED STATES OF AMERICA	Outside CMA and Farming Units	245.87	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
544	002-0-140-150	HISTORIC REYES RANCH LLC	Outside CMA and Farming Units	80	No	No	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.20	0.10	0.12	0.04	0.00%		
545	002-0-140-160	UNITED STATES OF AMERICA	Outside CMA and Farming Units	80	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
546	002-0-140-170	UNITED STATES OF AMERICA	Outside CMA and Farming Units	120	No	No	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.17	0.16	0.02	0.00%		
547	002-0-140-185	SAMPLE DALE TRUST	Outside CMA and Farming Units	140	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.24	49.09	48.09	28.47	30.71	34.13	22.90	3.36	4.19	14.86	0.03%	
548	002-0-140-190	UNITED STATES OF AMERICA	Outside CMA and Farming Units	40	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
549	002-0-140-200	VIRGLIO ANTHONY	Outside CMA and Farming Units	40	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
550	002-0-140-225	JR INVESTMENT PROPERTIES LLC	Outside CMA and Farming Units	75.27	No	No	0.00	64.96	10.49	4.39	4.77	5.27	6.22	3.47	6.59	6.68	7.78	5.60	5.41	3.11	4.45	4.59	4.27	2.92	0.31	0.39	7.58	0.02%		
551	002-0-140-230	MERKEL THOMAS M	Outside CMA and Farming Units	80	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
552	002-0-140-245	BRITT RON	Outside CMA and Farming Units	39.91	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
553	002-0-140-265	HISTORIC REYES RANCH LLC	Outside CMA and Farming Units	429.28	No	No	0.00	0.00	0.00	2.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
554	002-0-140-275	VIRGLIO ANTHONY	Outside CMA and Farming Units	60	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.09	0.09	0.11	0.12	0.13	0.09	0.01	0.01	0.04	0.00%	
555	002-0-140-285	VIRGLIO ANTHONY	Outside CMA and Farming Units	40	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
556	002-0-140-295	VIRGLIO ANTHONY	Outside CMA and Farming Units	40	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
557	002-0-140-3																													

APN	Parcel Owner	Grouping	Area Acres	CMA? FU?	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Annual Average 1998-2017	Parcel's Percentage of Basin-Wide Historical Pumping (1998-2017)
688 094-411-015	NORTH FORK CATTLE COMPANY LLC	Outside CMA and Farming Units	37.69 No	No														0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
689 094-411-016	STOLLER GLEN H TRE ETAL	Outside CMA and Farming Units	174.4 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	94.83	300.02	192.13	96.47	81.37	32.70	6.34	0.00	0.00	0.00	0.00	0.00	40.19	0.08%
690 094-411-017	GATES ROGER A TRE ETAL	Outside CMA and Farming Units	28.11 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
691 096-011-001	STATE OF CALIFORNIA - FISH/GAME	Outside CMA and Farming Units	525 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
692 096-011-002	STATE OF CALIFORNIA - FISH/GAME	Outside CMA and Farming Units	59 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
693 096-011-010	UNITED STATES OF AMERICA	Outside CMA and Farming Units	358.292 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
694 096-011-011	UNITED STATES OF AMERICA	Outside CMA and Farming Units	501.216 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
695 096-031-004	STATE OF CALIFORNIA - FISH/GAME	Outside CMA and Farming Units	518 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
696 096-031-015	UNITED STATES OF AMERICA	Outside CMA and Farming Units	640.98 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
697 096-031-016	UNITED STATES OF AMERICA	Outside CMA and Farming Units	373.22 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
698 096-032-008	UNITED STATES OF AMERICA	Outside CMA and Farming Units	838.06 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
699 096-032-009	REID HELEN S HEIRS OF ETAL	Outside CMA and Farming Units	19.57 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
700 096-041-010	UNITED STATES OF AMERICA	Outside CMA and Farming Units	648.583 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
701 096-041-017	UNITED STATES OF AMERICA	Outside CMA and Farming Units	640 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
702 096-041-018	UNITED STATES OF AMERICA	Outside CMA and Farming Units	640 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
703 096-051-006	CEBRIAN VALERIE TRE ETAL	Outside CMA and Farming Units	80 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
704 096-051-020	UNITED STATES OF AMERICA	Outside CMA and Farming Units	640 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
705 096-051-021	UNITED STATES OF AMERICA	Outside CMA and Farming Units	640 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
706 096-051-022	UNITED STATES OF AMERICA	Outside CMA and Farming Units	482.15 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
707 096-051-023	UNITED STATES OF AMERICA	Outside CMA and Farming Units	390.99 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
708 096-051-024	UNITED STATES OF AMERICA	Outside CMA and Farming Units	640 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
709 096-051-025	UNITED STATES OF AMERICA	Outside CMA and Farming Units	568.15 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
710 096-081-012	UNITED STATES OF AMERICA	Outside CMA and Farming Units	639.92 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
711 096-101-007	UNITED STATES OF AMERICA	Outside CMA and Farming Units	656.761 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
712 096-101-009	UNITED STATES OF AMERICA	Outside CMA and Farming Units	654.353 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
713 096-101-011	UNITED STATES OF AMERICA	Outside CMA and Farming Units	640 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
714 096-101-012	UNITED STATES OF AMERICA	Outside CMA and Farming Units	623 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
715 096-101-013	UNITED STATES OF AMERICA	Outside CMA and Farming Units	412 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
716 096-111-008	UNITED STATES OF AMERICA	Outside CMA and Farming Units	675.921 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
717 096-121-001	CALIENTE RANCH CUYAMA LLC	Outside CMA and Farming Units	496 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
718 096-121-002	CALIENTE RANCH CUYAMA LLC	Outside CMA and Farming Units	282 No	No	0.75	0.79	0.88	0.01	0.01	0.00	0.01	0.01	0.09	0.71	0.68	0.01	0.01	0.00	0.01	0.01	0.02	0.01	2.94	2.94	0.49	0.00%
719 096-131-001	CALIENTE RANCH CUYAMA LLC	Outside CMA and Farming Units	460 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
720 096-131-003	CALIENTE RANCH CUYAMA LLC	Outside CMA and Farming Units	387 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
721 096-131-004	BRODIAEA INC	Outside CMA and Farming Units	58 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
722 096-141-002	BRODIAEA INC	Outside CMA and Farming Units	311.2 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
723 096-141-003	BRODIAEA INC	Outside CMA and Farming Units	346 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
724 096-141-004	BRODIAEA INC	Outside CMA and Farming Units	509.5 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
725 096-181-021	USA - BUREAU OF LAND MGMT	Outside CMA and Farming Units	1.60 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
726 096-185-003	USA - BUREAU OF LAND MGMT	Outside CMA and Farming Units	801.18 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.13	0.39	0.07	0.02	0.35	0.03	0.36	0.03	0.16	0.33	0.07	0.11	0.00%
727 096-185-004	UNITED STATES OF AMERICA	Outside CMA and Farming Units	567.36 No	No	0.00	0.00	1.00	0.67	0.95	1.46	1.87	11.41	11.58	16.60	17.95	3.25	10.15	5.86	1.32	12.95	7.90	3.05	12.07	5.89	6.30	0.01%
728 096-185-005	UNITED STATES OF AMERICA	Outside CMA and Farming Units	421.78 No	No	0.06	0.06	1.22	1.01	1.29	0.98	1.03	5.10	5.84	6.22	7.17	2.56	4.96	0.97	0.65	6.77	10.98	0.92	0.50	10.75	3.45	0.01%
729 096-191-003	HAWKINS CONSTANCE W TRE ETAL	Outside CMA and Farming Units	299 No	No	0.73	0.44	0.69	0.51	0.74	0.23	0.21	0.19	0.52	0.33	0.59	0.88	0.39	0.40	0.50	0.32	0.45	0.40	0.09	0.04	0.43	0.00%
730 096-191-004	DOXEY JENNIFER W TRE ETAL	Outside CMA and Farming Units	155 No	No	1.00	1.53	1.62	1.45	1.74	42.75	34.84	34.79	0.79	39.09	25.17	17.24	36.50	40.38	4.85	25.26	41.51	3.36	0.76	41.18	19.79	0.04%
731 096-191-009	UNITED STATES OF AMERICA	Outside CMA and Farming Units	337.652 No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
732 096-191-022	UNITED STATES OF AMERICA	Outside CMA and Farming																								

APN	Parcel Owner	Grouping	Area Acres	CMA? FU?	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Annual Average 1998-2017	Parcel's Percentage of Basin-Wide Historical Pumping (1998-2017)
1290	149-071-022	MONTGOMERY JASON	Outside CMA and Farming Units	0.22	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1291	149-071-023	SANTOS LAURENCIO	Outside CMA and Farming Units	0.24	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1292	149-071-024	HEDLUND BRET R	Outside CMA and Farming Units	0.23	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1293	149-071-025	GALVAN HECTOR JIMENEZ	Outside CMA and Farming Units	0.23	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1294	149-071-026	JOHNSON EMILY	Outside CMA and Farming Units	0.24	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1295	149-072-001	ROMAN CATHOLIC ARCHBISHOP L A	Outside CMA and Farming Units	0.25	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1296	149-072-002	LAZARO GLORIA	Outside CMA and Farming Units	0.25	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1297	149-072-003	SULLANO FRANK G/GRACE	Outside CMA and Farming Units	0.24	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1298	149-072-004	MUNIZ JOSE A	Outside CMA and Farming Units	0.24	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1299	149-072-005	RICCI MALCOLM/KATHLEEN	Outside CMA and Farming Units	0.24	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1300	149-072-006	LEPELL DANIEL	Outside CMA and Farming Units	0.26	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1301	149-072-007	CUYAMA JOINT UNION SCHOOL DIST	Outside CMA and Farming Units	0.25	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1302	149-072-008	CUYUMA VALLEY FIRST SO BAPTIST CH	Outside CMA and Farming Units	0.24	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1303	149-072-009	MORTENSEN PETER B	Outside CMA and Farming Units	0.24	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1304	149-072-010	SWAN BENJAMIN MATTHEW	Outside CMA and Farming Units	0.25	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1305	149-072-011	COMSTOCK J	Outside CMA and Farming Units	0.26	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1306	149-072-012	SCHOT LOUIS REVOCABLE LIVING TRU	Outside CMA and Farming Units	0.27	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1307	149-072-013	HEDLUND BRET R	Outside CMA and Farming Units	0.27	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1308	149-072-014	WHEELER ROY W/PEGGY E	Outside CMA and Farming Units	0.22	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1309	149-081-001	ALVAREZ MARIO M	Outside CMA and Farming Units	0.19	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1310	149-081-002	SPINNER LINDA L LIVING TRUST 4/2/11	Outside CMA and Farming Units	0.22	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1311	149-081-003	SOLIS JAIRO NIBARDO MEDINA	Outside CMA and Farming Units	0.22	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1312	149-081-004	ALARCON ARMANDO	Outside CMA and Farming Units	0.21	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1313	149-081-005	MONTGOMERY JAMES BERNARD	Outside CMA and Farming Units	0.22	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1314	149-081-006	EICHERT KIM M	Outside CMA and Farming Units	0.22	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1315	149-081-007	MUNIZ ANTHONY BLAINE	Outside CMA and Farming Units	0.24	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1316	149-081-008	WILLIAMS DEBORAH L	Outside CMA and Farming Units	0.32	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1317	149-081-009	HERNANDEZ VICTOR GONZALEZ	Outside CMA and Farming Units	0.28	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1318	149-081-010	FAST LAYERA L	Outside CMA and Farming Units	0.22	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1319	149-081-011	RODRIGUEZ EUSEBIO JR	Outside CMA and Farming Units	0.22	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1320	149-081-012	NAVA MARTIN CONSTANTINO ROMER	Outside CMA and Farming Units	0.22	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1321	149-081-013	WELKER SUSAN	Outside CMA and Farming Units	0.23	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1322	149-081-014	WILSON SUSAN	Outside CMA and Farming Units	0.23	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1323	149-082-001	VAN SCHOYCK ALBERT WAYNE	Outside CMA and Farming Units	0.21	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1324	149-082-002	HERNANDEZ ROGELIO	Outside CMA and Farming Units	0.22	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1325	149-082-003	MELGOZA DANIEL MENDOZA	Outside CMA and Farming Units	0.22	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1326	149-082-004	KAEDING NEAL THOMAS	Outside CMA and Farming Units	0.22	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1327	149-082-005	SIEBERTHAL MARY C	Outside CMA and Farming Units	0.21	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1328	149-082-006	ALMADA JESSE RAMON	Outside CMA and Farming Units	0.24	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1329	149-082-007	BOURGEOIS LEAH	Outside CMA and Farming Units	0.22	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1330	149-082-008	GONZALEZ JOEL RUIZ	Outside CMA and Farming Units	0.34	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1331	149-082-009	WARD RACHEL	Outside CMA and Farming Units	0.25	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1332	149-082-010	WRIGHT ANDREW ZANDER	Outside CMA and Farming Units	0.22	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1333	149-082-011	CUYAMA VALLEY RECREATION DISTRICT	Outside CMA and Farming Units	0.23	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1334	149-082-012	STANCLIFF RALPH	Outside CMA and Farming Units	0.22	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1335	149-082-013	DRAUCKER STEVEN L/ESTHER LOUISE	Outside CMA and Farming Units	0.25	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1336	149-082-014	CHARLTON LELAND A	Outside CMA and Farming Units	0.23	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1337	149-082-015	GARCIA-ROBLEDO FELIPE DE JESUS	Outside CMA and Farming Units																							

APN	Parcel Owner	Grouping	Area Acres	CMA? FU?	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Parcel's Percentage of Basin-Wide		
																									Annual Average 1998-2017	Historical Pumping (1998-2017)	
1720 151-030-023	USA	Outside CMA and Farming Units	488.7	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1721 151-030-024	D & J CAMPBELL BST LLC	Outside CMA and Farming Units	39.74	No	No	89.87	99.11	95.81	108.91	110.41	13.49	1.23	0.00	91.58	105.47	124.08	19.04	4.46	0.00	107.87	115.98	110.47	91.22	98.57	105.55	74.66	0.15%
1722 151-030-026	BROWN MARION L	Outside CMA and Farming Units	1.06	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1723 151-030-027	D & J CAMPBELL BST LLC	Outside CMA and Farming Units	35.48	No	No	62.59	68.37	77.80	77.88	79.92	6.87	0.84	0.00	63.60	74.74	88.63	23.91	15.61	8.74	77.49	83.31	84.32	71.10	84.98	93.80	57.23	0.12%
1724 151-030-029	D & J CAMPBELL BST LLC	Outside CMA and Farming Units	31.55	No	No	9.20	9.13	14.31	12.96	11.29	14.2	0.00	0.00	4.25	10.13	11.47	69.71	67.12	47.96	2.47	2.65	4.10	2.87	57.70	62.72	20.07	0.04%
1725 151-030-031	D & J CAMPBELL BST LLC	Outside CMA and Farming Units	33.25	No	No	11.50	11.35	17.31	15.92	14.06	1.54	0.81	0.00	4.80	12.23	14.01	85.60	82.83	58.74	2.93	3.15	5.06	3.60	71.44	77.41	24.72	0.05%
1726 151-030-032	D & J CAMPBELL BST LLC	Outside CMA and Farming Units	29	No	No	12.90	13.14	16.23	17.75	18.33	2.07	4.54	1.98	6.21	13.39	15.21	72.60	69.83	50.78	3.44	5.16	5.18	3.33	66.37	70.18	23.43	0.05%
1727 151-030-033	MENZIES THOMAS O TRUSTEE	Outside CMA and Farming Units	23.08	No	No	8.97	9.10	4.68	2.17	2.98	2.87	4.67	2.74	2.53	2.74	2.57	2.44	1.99	1.33	2.32	4.51	3.40	2.10	31.19	36.38	6.58	0.01%
1728 151-030-034	MENZIES THOMAS O TRUSTEE	Outside CMA and Farming Units	2.72	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1729 151-060-001	USA	Outside CMA and Farming Units	640	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1730 151-060-002	MENZIES THOMAS O TRUSTEE	Outside CMA and Farming Units	78.58	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1731 151-060-005	USA	Outside CMA and Farming Units	4	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1732 151-060-007	L A JUNGTO SOCIETY	Outside CMA and Farming Units	1.20	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1733 151-060-008	USA	Outside CMA and Farming Units	32	No	No	7.94	10.85	14.06	10.88	14.15	14.42	14.03	11.72	9.14	10.03	13.96	13.95	12.09	12.94	13.42	13.63	14.35	13.37	12.64	13.45	12.55	0.03%
1734 151-060-009	USA	Outside CMA and Farming Units	640	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1735 151-060-010	L A JUNGTO SOCIETY	Outside CMA and Farming Units	40	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1736 151-060-011	ALBANO FAMILY LP (CA)	Outside CMA and Farming Units	40	No	No	23.07	31.26	40.46	31.42	40.71	41.83	40.65	34.25	26.71	29.27	40.58	40.54	35.23	37.69	38.89	39.49	41.24	38.37	36.31	38.70	36.33	0.08%
1737 240-240-30-00-1	SNEDDEN R&S FAMILY TRUST	Outside CMA and Farming Units	555.7	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1738 240-240-35-00-1	SNEDDEN R&S FAMILY TRUST	Outside CMA and Farming Units	212.74	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1739 240-240-45-00-1	U S DEPT OF THE INTERIOR	Outside CMA and Farming Units	208.35	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1740 240-271-14-00-1	KING THERESA A	Outside CMA and Farming Units	39.42	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1741 240-271-16-00-1	KING THERESA A	Outside CMA and Farming Units	19.72	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1742 240-271-22-00-1	U S DEPT OF THE INTERIOR	Outside CMA and Farming Units	580	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1743 240-272-23-00-1	U S DEPT OF THE INTERIOR	Outside CMA and Farming Units	547.489	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1744 240-280-02-00-1	UNITED STATES OF AMERICA	Outside CMA and Farming Units	320	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1745 240-280-04-00-1	UNITED STATES OF AMERICA	Outside CMA and Farming Units	158.73	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1746 240-280-06-00-1	UNITED STATES OF AMERICA	Outside CMA and Farming Units	170.84	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1747 240-280-08-00-1	U S DEPT OF THE INTERIOR	Outside CMA and Farming Units	327.239	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1748 240-280-10-00-1	BROWNFIELD DENNIS R BYPASS TRUST	Outside CMA and Farming Units	318.95	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1749 240-280-12-00-1	KING THERESA A	Outside CMA and Farming Units	79.56	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1750 240-280-14-00-1	KING THERESA ANN IV	Outside CMA and Farming Units	39.76	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1751 240-280-16-00-1	KING THERESA A	Outside CMA and Farming Units	200	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1752 240-280-19-00-1	EGUSTIN ARNOLD & CAYLENE LIV TR	Outside CMA and Farming Units	4.5	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1753 240-280-20-00-1	CARDOSO MANUEL	Outside CMA and Farming Units	36.38	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1754 240-280-25-00-1	BISCHOF JOSEF & DOLORES TR ET AL	Outside CMA and Farming Units	42.6	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1755 240-280-26-00-1	ETURRIOS SERGIO & OFELIA	Outside CMA and Farming Units	79.6	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1756 240-280-27-00-1	SPAHIR CARL H TRUST	Outside CMA and Farming Units	185.5	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1757 240-280-28-00-1	SEWERT MORIA BEE	Outside CMA and Farming Units	19.33	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1758 240-280-31-00-1	UNITED STATES OF AMERICA	Outside CMA and Farming Units	202.31	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1759 240-280-32-00-1	SVASQUEZ ANA MARIA	Outside CMA and Farming Units	20.8	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1760 240-280-33-00-1	ELEYLAND CARL S & RACHEL I	Outside CMA and Farming Units	20.79	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1761 240-280-34-00-1	IERSON TRADE CO INC	Outside CMA and Farming Units	20.8	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
1762 240-280-35-00-1	GUIDICE JOHN A	Outside CMA and Farming Units	15.95	No	No	0.00	0.00																				

APN		Parcel Owner	Grouping	Area	CMA? FU?	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Annual Average 1998-2017	Parcel's Percentage of Basin-Wide Historical Pumping (1998-2017)
				Acres		Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	Acres-feet	
1806	240-360-03-00	ARIAS RAUL GARCIA & GARCIA LOURD	Outside CMA and Farming Units	0.84	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1807	240-370-01-00	LEVINSKI DENNIS A	Outside CMA and Farming Units	20	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1808	240-380-01-00	GARCIA VICTOR M & MARTHA A	Outside CMA and Farming Units	12.88	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1809	240-380-02-00	GARCIA VICTOR M & MARTHA A	Outside CMA and Farming Units	12.98	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1810	240-380-03-00	GARCIA VICTOR M & MARTHA A	Outside CMA and Farming Units	13.69	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1811	240-380-04-00	GARCIA VICTOR M & MARTHA A	Outside CMA and Farming Units	7.12	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1812	240-380-05-00	GARCIA VICTOR M & MARTHA A	Outside CMA and Farming Units	7.02	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1813	240-380-06-00	GARCIA VICTOR M & MARTHA A	Outside CMA and Farming Units	4.74	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1814	240-380-07-00	GARCIA VICTOR M & MARTHA A	Outside CMA and Farming Units	1.57	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1815	240-390-01-00	DOURHAM CALISTA	Outside CMA and Farming Units	19.85	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1816	240-390-02-00	DOURHAM DONALD & CALISTA	Outside CMA and Farming Units	20.1	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1817	240-400-01-00	DOURHAM DONALD H & CALISTA	Outside CMA and Farming Units	17.36	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1818	240-400-02-00	JOHNSON KNUFE F & MAINES P D	Outside CMA and Farming Units	20	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1819	240-400-03-00	THOMAS JAMES G & DEANNA J	Outside CMA and Farming Units	22.64	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1820	240-410-01-00	GARCIA CLAUDIA ESTHER	Outside CMA and Farming Units	15.62	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1821	240-410-02-00	EVANS CHARLES	Outside CMA and Farming Units	16.78	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1822	240-410-03-00	GARCIA VICTOR M & MARTHA A	Outside CMA and Farming Units	3.74	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1823	240-410-04-00	GARCIA CLAUDIA ESTHER	Outside CMA and Farming Units	0.65	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1824	240-410-05-00	EVANS CHARLES	Outside CMA and Farming Units	2.84	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1825	240-420-01-00	SWESSON RAY J	Outside CMA and Farming Units	14.62	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1826	240-420-02-00	EMC WILLIAMS JOHN E REV TR	Outside CMA and Farming Units	13.59	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1827	240-420-03-00	MARRONE ANTHONY C JR	Outside CMA and Farming Units	11.63	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1828	240-420-04-00	SWESSON RAY J	Outside CMA and Farming Units	1.3	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1829	240-420-05-00	EMC WILLIAMS JOHN E REV TR	Outside CMA and Farming Units	3.3	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1830	240-420-06-00	MARRONE ANTHONY C JR	Outside CMA and Farming Units	6	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1831	240-430-01-00	EVANS CHARLES	Outside CMA and Farming Units	12.56	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1832	240-430-02-00	EVANS CHARLES	Outside CMA and Farming Units	6.29	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1833	240-440-01-00	GARCIA VICTOR M & MARTHA A	Outside CMA and Farming Units	16.26	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1834	240-440-02-00	GARCIA VICTOR M & MARTHA A	Outside CMA and Farming Units	13.98	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1835	240-440-03-00	GARCIA CLAUDIA ESTHER	Outside CMA and Farming Units	4.05	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1836	240-440-04-00	GARCIA VICTOR M & MARTHA A	Outside CMA and Farming Units	6.02	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1837	256-290-06-00	EU S A	Outside CMA and Farming Units	634	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1838	256-290-07-00	EU S A	Outside CMA and Farming Units	626.799	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1839	256-300-04-00	EU S A	Outside CMA and Farming Units	617.739	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1840	256-300-05-00	EU S A	Outside CMA and Farming Units	590.19	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1841	256-310-01-00	EU S A	Outside CMA and Farming Units	561.409	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1842	256-310-02-00	COUNTY OF KERN	Outside CMA and Farming Units	73.63	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1843	256-310-03-00	COUNTY OF KERN	Outside CMA and Farming Units	123.87	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1844	256-310-04-00	EU S A	Outside CMA and Farming Units	556.69	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1845	256-320-01-00	EU S A	Outside CMA and Farming Units	642.159	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1846	256-320-02-00	EU S A	Outside CMA and Farming Units	657	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1847	256-320-03-00	EU S A	Outside CMA and Farming Units	649.669	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1848	256-350-02-00	SNEDDEN R&S FAMILY TRUST	Outside CMA and Farming Units	418.14	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1849	256-350-04-00	SNEDDEN R&S FAMILY TRUST	Outside CMA and Farming Units	153.3	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1850	256-350-05-00	EU S A	Outside CMA and Farming Units	61.7	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1851	256-350-10-00	EU S A	Outside CMA and Farming Units	451.09	No	No	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	
1852	256-350-21-00	EU S A	Outside CMA and Farming Units	339.																							



TO: Board of Directors
Agenda Item No. 14a

FROM: Brian Van Lienden, Woodard & Curran

DATE: May 7, 2025

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.

Mar-Apr Accomplishments

- ✓ Prepared final Water Year 2024 Annual Report for the Cuyama Basin and submitted to DWR
- ✓ Completed updates to Data Management System
- ✓ Prepared historical basin-wide modeled pumping data by parcel for the 1998-2017 period
- ✓ Developed draft fault investigation report
- ✓ Procured transducers for installation in newly installed wells
- ✓ Developed amendment for grant agreement and prepared grant invoice submittal



TO: Board of Directors
Agenda Item No. 14b

FROM: Brian Van Lienden, Woodard & Curran

DATE: May 7, 2025

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.

Updates on Grant Funded Projects

- Grant amendment in process to extend agreement to December 2025 to allow for completion of CIMIS station installation
- Annual Report for Water Year 2023-2024 was submitted to DWR
- Transducer installation in newly installed wells
 - Transducers have been procured for newly installed wells
 - Installation expected in May 2025

Updates on Grant Funded Projects

- DMS Updates are completed, including:
 - Implemented automated connections to external databases (GAMA, CASGEM)
 - Updated DMS input tools
 - Implemented SMC displays for TDS
 - Added a go-to-map feature from well table view
 - Added a comment form to allow users to provide updated information