



# CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY BOARD OF DIRECTORS

## Board of Directors

**Derek Yurosek** Chair, Cuyama Basin Water District  
**Lynn Compton** Vice Chair, County of San Luis Obispo  
**Das Williams** Santa Barbara County Water Agency  
**Cory Bantilan** Santa Barbara County Water Agency  
**Glenn Shephard** County of Ventura  
**Zack Scrivner** County of Kern

**Paul Chounet** Cuyama Community Services District  
**George Cappello** Cuyama Basin Water District  
**Byron Albano** Cuyama Basin Water District  
**Jane Wooster** Cuyama Basin Water District  
**Tom Bracken** Cuyama Basin Water District

## AGENDA

JANUARY 13, 2021

Agenda for a meeting of the Cuyama Basin Groundwater Sustainability Agency Board of Directors to be held on Wednesday, January 13, 2020 at 4:00 PM. ***Due to COVID-19 pandemic restrictions and resulting suspension of certain components of the Brown Act per Executive Order Nos. N-25-20 and N-29-20, this meeting will be a remote-only meeting.*** To hear the session live call (646) 749-3122, 203-153-453 or logon to <https://global.gotomeeting.com/join/203153453> to view meeting materials.

The order in which agenda items are discussed may be changed to accommodate scheduling or other needs of the Committee, the public or meeting participants. Public comments should be emailed to Taylor Blakslee at [tblakslee@hgcpm.com](mailto:tblakslee@hgcpm.com) by close of business on Tuesday, January 12, 2021 to assist in facilitating this remote meeting, but may still be provided at the meeting.

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

### CONSENT AGENDA

6. Approval of Minutes – November 4, 2020
7. Payment of Bills
8. Approval of Financial Report for November and December 2020

### ACTION ITEMS

9. Consider Modifications to the Groundwater Level Monitoring Network
10. Adopt Process for Accepting Groundwater Level Transducer Data from Landowners
11. Approval of Scope to Implement Metering Requirement

12. Adopt a Resolution Designating the CBGSA Board Chairperson as the Authorized Representative to File an Application and Execute an Agreement with the California Department of Water Resources for the Prop 68 “Implementation” Grant Solicitation

**REPORT ITEMS**

13. Administrative Updates
  - a) Report of the Executive Director
  - b) Report of the General Counsel
  - c) Update on Administration of FY 20-21 Groundwater Extraction Fee
14. Technical Updates
  - a) Update on Groundwater Sustainability Plan Activities
  - b) Update on Model Refinement Plan
  - c) Update on Monitoring Network Implementation
  - d) Update on Monthly Groundwater Conditions Report
  - e) Update on Prop 68 Implementation Grant Application
  - f) Presentation on Indirect Economic Report

**CLOSED SESSION**

15. Closed Session, Government Code, §54956.9(d)(4):
  - a) Potential Litigation: 1 Case
16. Report of the Ad Hoc Committee
17. Directors’ Forum
18. Public comment for items not on the Agenda
19. Correspondence
  - a) Resignation Letter from Standing Advisory Committee Member Jake Furstenfeld
  - b) GSP Comment Letter from the State Water Resources Control Board
20. Adjourn (6:30 p.m.)

# Cuyama Basin Groundwater Sustainability Agency Board of Directors Meeting

November 4, 2020

## Draft Meeting Minutes

### PRESENT:

Yurosek, Derek – Chair  
Compton, Lynn – Vice Chair  
Albano, Byron  
Bracken, Tom  
Bantilan, Cory  
Cappello, George  
Chounet, Paul  
Scrivner, Zack  
Shephard, Glenn  
Williams, Das  
Wooster, Jane  
Beck, Jim – Executive Director  
Hughes, Joe – Legal Counsel

### ABSENT:

None

#### 1. Call to Order

Cuyama Basin Groundwater Sustainability Agency (CBGSA) Chair Derek Yurosek called the meeting to order at 4:01 p.m. Chair Yurosek and Taylor Blakslee provided direction on the meeting protocols to facilitate a remote-only meeting.

#### 2. Roll Call

Hallmark Group Project Coordinator Taylor Blakslee called roll (shown above) and informed Chair Yurosek that there was a quorum of the Board.

#### 3. Pledge of Allegiance

The pledge of allegiance was led by Chair Yurosek.

#### 4. Closed Session

Chair Yurosek moved closed session to the end of the agenda. No reportable action was taken.

#### 5. Approval of Minutes

Chair Yurosek opened the floor for comments on the August 13, 2020 CBGSA Board meeting minutes. There were no public comments.

### MOTION

Director Chounet made a motion to adopt the August 13, 2020 CBGSA Board meeting minutes.

The motion was seconded by Director Shepard, a roll call vote was made and passed with 93.33%

AYES: Directors Albano, Bracken, Cappello, Chounet, Compton, Scrivner, Shepard, Elliott, Wooster, and Yurosek  
 NOES: None  
 ABSTAIN: Bantilan  
 ABSENT: None

## 6. Standing Advisory Committee Meeting Report

SAC Chair Brenton Kelly provided a report on the October 29, 2020 SAC and is included below.

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

***Meeting Date: October 29, 2020***

*Submitted to the GSA Board on November 4, 2020*

*By Brenton Kelly, SAC Chair*

*The SAC maintained a quorum of 5 for all votes throughout the three hour meeting, with one member needing to leave early, and 2 members being absent, and for the first time ever, we lacked the superb guidance of Jim Beck, thankfully Taylor kept us within parliamentary protocols. The virtual meeting had over 20 participants at times, and generated some insightful dialogue concerning the issues at hand. This meeting was founding SAC member Mike Post's last meeting and gratitude was shared for his contribution as a representative of a conservation organization in the SLO County corner of the Cuyama Valley. The Standing Advisory Committee is now seeking candidates to fill three vacancies out of the nine-member Committee. Please see Taylor or me with any considerations.*

*Most of the materials being presented on this agenda were understood to be the beginning of the 2021-22 Budget planning process and were being presented without any prioritization or cost estimates, or cost/benefit analysis. For this reason, the SAC declined to make recommendations on many of the agenda items. It was of some concern about whether the GSA would be required to make any decisions on these items at this time. There are two more meetings before this budget deadline, and this presentation is a wish list of options for further in-depth consideration between now and then.*

*The one recommendation was for Item:*

### ***7.c. Direction on Requiring Meters for Extractors in the Cuyama Basin.***

*The discussion ranged between the clear recognition that without meters no standard of measurement of groundwater extraction exists to support transparent management of the Basin, to the understanding that not all extractors are equal across the basin and that there may be a more nuanced approach to the size and location of the well pump with regards to the Management Areas. The timeline, understandably driven by the need to begin groundwater reductions in 2023, was felt by some to be very tight and burdensome to smaller operators and particularly those outside the Central Management Area who are not facing the potential of pumping restrictions in 2023.*

*A transitional tiered extraction fee with a long-term incentive for installing meters was suggested.*

*The Motion was amended in an attempt to address some of these concerns and passed with a split vote.*

*Motion: Mike Post*

*Second: Louise Draucker*

***Require non-de minimis groundwater users in the Cuyama Basin to install a water measuring device (flow meter) on groundwater extraction wells in the Central Basin Management Area by January 1, 2022 and the rest of the basin by January 1, 2023.***

*AYES (3): Draucker, Kelly, Post*

*NOES (2): DeBranch, Haslett*

*ABSTAIN: None*

*ABSENT (2): Furstenfeld, Jaffe*

*Other items of discussion were:*

#### ***7.e. Update on Groundwater Levels Monitoring Network.***

*The pie chart indicates that 30% of Monitoring Wells have already exceeded their minimum threshold and 33% more wells are still without any new data yet. It was noted that despite being shown as an example hydrograph on slide 50, none of the wells in the Northwestern region have any new data available.*

*The question was asked how the 24-month provision works? When does (or did) the clock start counting, and when does it reset? What options are considered for an Adaptive Management investigation beyond further monitoring for recovery?*

*The SAC chose not to request the \$4,000 expense of a toggle on the OPTI Data Management System (DMS) to help identify the 60 Monitoring Wells as a subset of the 899 wells in the OPTI dataset. The convenience of function is not worth that cost.*

#### ***7.g. Update on GDE Monitoring Plan.***

*It was asked to what purpose are the piezometers being deployed. Are they intended to be included in the Monitoring Network, and if not, what is their value and function?*

#### ***7.h. Direction on Prop. 68 Implementation Grant Opportunity.***

*The question remains whether this grant could assist Cuyama stakeholders to comply with the potential Water Meter Requirement. The DWR must decide if the Cuyama Basin would qualify for assistance with meter installation under this grant.*

*It was also questioned whether domestic water supply projects in the community sites could be considered as per the GSP. It was requested that this be included for consideration.*

*This GSP also includes projects specific to the domestic water systems in Ventucopa, Cuyama, and New Cuyama. These projects include installing new wells to secure reliability of water supply to residents of these communities. (page ES-12)*

**8.f. Adopt the 2021 Meeting Schedule.**

*The SAC approves of the proposed meeting calendar for 2021.*

*And a happy new year to all.*

*Respectfully submitted,*

*Brenton Kelly*

*Standing Advisory Committee Chair*

**7. Groundwater Sustainability Plan**

Woodard & Curran Technical Consultant Brian Van Lienden provided a general update on the GSP development, which is included in the board packet.

**a. Discussion of Options to Study Data Gaps**

Mr. Van Lienden provided background on existing data gaps in the basin and presented the following options to address these data gaps.

1. Groundwater level monitoring network enhancements

Director Wooster commented that some people have images of their bore holes and those should be used. Mr. Beck acknowledged that staff should request existing bore hole images as available. Chair Yurosek recommended tabling this option for now and revisit it in the future.

2. Perform seismic investigations

Director Wooster asked if a basin-wide study had been performed that was in the public record. Mr. Van Lienden said he did not believe so and California Department of Water Resources (DWR) representative Anita Regmi said that the State is planning on performing a statewide electromagnetic aerial study and will follow up on the expected timing and this potential study. Chair Yurosek asked staff to follow up with Ms. Regmi on this.

3. Update land use data

Chair Yurosek provided direction to consider this option.

4. Improve water use estimates

Director Albano noted that a new CIMI station would be beneficial to farmers, but he does not support this option since he does not recommend spending more money and believes fees need to be structured that are fair. Chair Yurosek provided direction to consider this option.

5. Improve hydrogeological information

Chair Yurosek provided direction to consider this option.

6. Enhancement of surface water and non-irrigated land surface representation

Chair Yurosek provided direction to consider this option in Fiscal Year 2022-2023.

**b. Update on Model Refinement Plan**

Mr. Van Lienden updated the board on the model refinement plan, schedule and recommendations developed by staff. Staff asked the Board for feedback on the below two potential components:

1. Incorporating monitoring network data into model calibration
2. Develop decision support tool

Chair Yurosek provided direction to accept staff's recommendation and commented that he believes the decision support tool will be very helpful and Director Cappello agreed.

**c. Direction on Requiring Meters for Extractors in the Cuyama Basin**

Mr. Beck commented that at the August 13, 2020 Special Board meeting, the Board requested an actionable item on the November 4, 2020 agenda regarding requiring meters in the basin. SAC Chair Kelly provided a report on the SAC discussion and a recommendation to require meters in the central basin management area by December 31, 2021 and all other areas by December 31, 2022.

Director Albano said it is not appropriate to require a meter on everyone's wells. Director Compton agrees that it is an invasion of privacy but believes that it is the only way to manage groundwater in the basin and does not have a better recommendation. Director Cappello said he believes that we need to have accurate information across the basin and that metering is the only way to do this and Director Wooster pointed out that the board has not come up with any other fair way to get this information.

Cuyama stakeholder Dan Wilke wanted to know if we are going to require certified meter installers to put these in. Mr. Beck said that this has not been decided yet, but staff and an ad hoc would prepare this information before the May 2021 meeting. Mike Post pointed out that meters are an absolute requirement to make intelligent decisions for the valley.

**MOTION**

Director Cappello made a motion to require non-de minimis groundwater users in the Cuyama Basin to install a water measuring device (flow meter) on all groundwater extraction wells by no later than December 31, 2021. The motion was seconded by Director Bracken, a roll call vote was made and passed with 93.33%.

AYES: Directors Bantilan, Bracken, Cappello, Chounet, Compton, Scrivner, Shephard, Elliott, Wooster, and Yurosek

NOES: Director Albano

ABSTAIN: None

ABSENT: None

**d. Update on Monitoring Network Implementation**

Mr. Van Lienden provided an update on the monitoring network implementation which is included in the Board packet.

**e. Update on Groundwater Levels Monitoring Network**

Mr. Van Lienden provided a status update on the groundwater level monitoring network. Mr. Van Lienden reported that staff received a request to develop a toggle option in the Data Management System (DMS) to just show representative wells. This was presented to the SAC with an estimated cost of \$4,500 and they determined the cost was too expensive. However, staff was able to revise some of the cost assumptions and presented the updated costs at \$2,500. Chair Yurosek recommended that staff do this and be as cost effective as possible. Director Wooster said she would like to see the well status breakdown placed on a map and staff let her know this could be included in the monthly Groundwater Conditions Report.

**f. Approval of Groundwater Quality Monitoring Network Consultant**

Mr. Blakslee provided an overview of the quote and scope provided by Provost & Pritchard to set up the water quality monitoring network and collect an annual sample. Mr. Beck let the Board know the SAC did not develop a recommendation for this item.

**MOTION**

Director Wooster made a motion to approve Provost & Pritchard's groundwater quality monitoring scope. The motion was seconded by Director Bracken a roll call vote was made and passed with 93.33%

AYES:	Directors Bantilan, Bracken, Cappello, Chounet, Compton, Scrivner, Shephard, Elliott, Wooster, and Yurosek
NOES:	Director Albano
ABSTAIN:	None
ABSENT:	None

**g. Update on Groundwater Dependent Ecosystems Monitoring Plan**

Mr. Van Lienden provided an update on the groundwater dependent ecosystem monitoring plan which is available in the board packet. Mr. Van Lienden reported that this plan will be finalized during the Fiscal Year 2021-2022 process.

**h. Direction on Prop 68 Implementation Grant Opportunity**

Mr. Van Lienden provided an update on the Prop 68 implementation. Director Cappello let the board know that the ad hoc is working hard to make sure we can get the most out of this opportunity. Cuyama Family Resource Center Executive Director Lynn Carlisle requested that the board put the prioritization to a vote and asked who is on the ad hoc. Mr. Blakslee replied that Directors Bantilan, Cappello, and Yurosek are on the ad hoc. Casey Walsh provided the following public comment in the GoToMeeting chat "I would also like to register my support for securing townsite water supply for Ventucopa and Cuyama by using Prop 68 funds."

**i. Update on Indirect Economic Report**

Mr. Van Lienden provided an update on the Indirect Economic Report and let the Board know that a presentation would be made at the January 13, 2021 Board meeting.

**j. Update on 2020 Annual Report**

Mr. Van Lienden provided an update on the 2020 Annual Report and let the Board know they will begin to put this report together in the next couple months for review at the March 2021 Board meeting.



**k. Update on Management Area Delegation**

Mr. Beck let the Board know the CBGSA received a letter from the CBWD regarding delegation of management area measures and will be meeting with the ad hoc in the next couple of months to move forward on those topics.

**8. Groundwater Sustainability Agency****a. Report of the Executive Director**

Mr. Beck reminded the board members that the January meeting would be when the Board appoints officers.

**b. Progress & Next Steps**

Mr. Blakslee provided an update on the near-term GSP schedule and accomplishments and next steps, which are summarized in the Board packet.

**c. Report of the General Counsel**

Mr. Hughes had nothing to report at this time.

**d. Update on Administration of FY 20-21 Groundwater Extraction Fee**

Mr. Blakslee provided an update on the Groundwater Extraction Fee and noted that almost all fees have been collected for the Fiscal Year 2020-2021.

**e. Update on Strategy for Potential Non-Reporting Water Users**

Mr. Blakslee provided an update on the current strategy for addressing potential non-reporting water users. He let the Board know staff is working with an ad hoc to reach out to potential non-reporting water users and will report on progress on this at the January 13, 2021 Board meeting.

**f. Adopt the 2021 Meeting Schedule**

Mr. Blakslee presented the draft meeting schedule for 2021 for Board and SAC meetings.

**MOTION**

Director Chounet made a motion to set the 2021 Groundwater Sustainability Agency Board of Directors and Standing Advisory Committee meetings schedule provided in Agenda Item No. 8f. The motion was seconded by Director Compton, a roll call vote was made and passed with 93.33%.

AYES: Directors Bantilan, Bracken, Cappello, Chounet, Compton, Scrivner, Shephard, Elliott, Wooster, and Yurosek

NOES: Director Albano

ABSTAIN: None

ABSENT: None

**g. Update on Newsletter**

Mr. Blakslee reported that the seventh edition of the newsletter is being finalized and will be distributed mid-November 2020.

**9. Financial Report**

**a. Report on the FY 2019-20 Audit**

Mr. Blakslee provided an update on the FY 2019-20 Audit and reported the CBGSA received a clean opinion from the auditors Daniels Phillips Vaughan & Bock.

**b. Update on Participant Contribution Refunds**

Mr. Blakslee provided an update on the contribution refunds. He reminded the Board that voluntary reimbursements will be made after the first refunds are received from DWR for the Prop 68 Planning grant. Ms. Regmi let the Board know that the accounting department did not have a timeline for payment, and they are hopeful to issue refunds in 1-2 months.

**c. Financial Management Overview**

Mr. Blakslee provided an overview of the CBGSA's financial activities which is provided in the Board packet.

**d. Financial Report**

Mr. Blakslee provided an overview of the July-September 2020 financial reports, which are included in the Board packet.

**e. Payment of Bills**

Mr. Blakslee presented the payment of bills for the month of July-September 2020.

**MOTION**

Director Bracken made a motion to approve payment of bills for the month of July-September 2020. The motion was seconded by Director Williams, a roll call vote was made and passed with 93.33%

AYES: Directors Arnold, Bantilan, Cappello, Chounet, Klinchuch, Scrivner, Shephard, Williams, Wooster, and Yurosek

NOES: Director Albano

ABSTAIN: None

ABSENT: None

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

Director Albano requested the long-term fee be added to the next meeting agenda for discussion.

**11. Directors' Forum**

Nothing to report.

**12. Public comment for items not on the Agenda**

Nothing to report.

**13. Correspondence**

Mr. Blakslee advised the Board that Standing Advisory Committee Mike Post's Resignation Letter is included in the Board packet.

**14. Closed Session**

The Board entered closed session at 7:35 p.m.

The Board ended closed session and resumed the regular session at 8:15 p.m. No reportable action was taken.

**15. Adjourn**

Chair Yurosek adjourned the meeting at 8:20 p.m.

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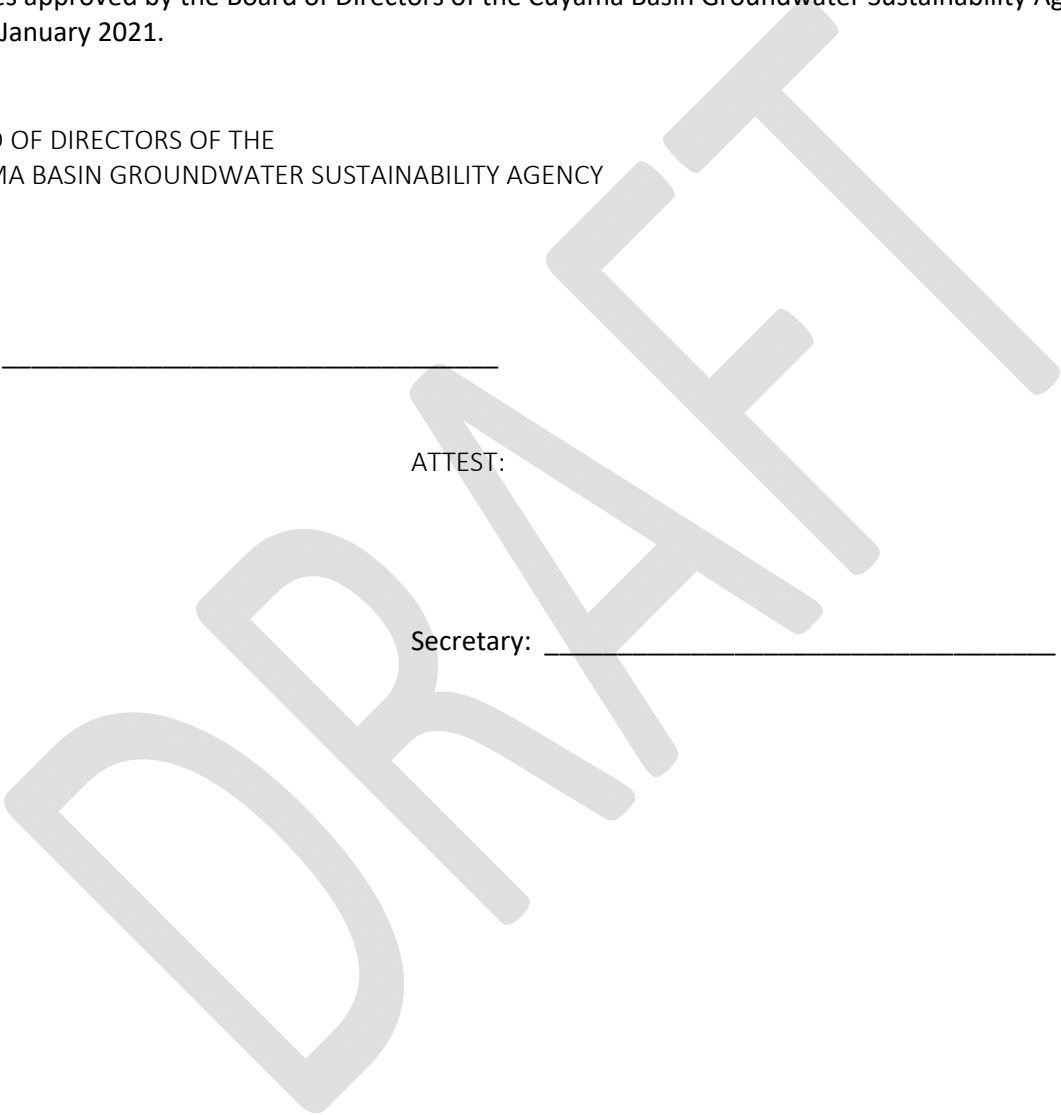
Minutes approved by the Board of Directors of the Cuyama Basin Groundwater Sustainability Agency the 13th day of January 2021.

BOARD OF DIRECTORS OF THE  
CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY

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

ATTEST:

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





TO: Board of Directors  
Agenda Item No. 7

FROM: Taylor Blakslee, Hallmark Group

DATE: January 13, 2021

SUBJECT: Payment of Bills

**Issue**

Consider approving the payment of bills for October and November 2020.

**Recommended Motion**

Approve payment of the bills for October and November 2020 in the amount of \$181,246.21.

**Discussion**

Consultant invoices for the months of November and December of 2020 are provided as Attachment 1.



INVOICE

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

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

**Invoice No.:** 2020-CBGSA-10  
**Task Order No.:** CB-HG-006  
**Agreement No.:** 201709-CB-001  
**Date:** October 31, 2020

For professional services rendered for the month of October 2020:

Task Order	Sub Task	Task Description	Billing Classification	Hours	Rate	Amount
CB-HG-006	1	Board of Directors and Advisory Committee Meetings	Executive Director	5.00	\$ 300.00	\$ 1,500.00
			Project Coordinator	24.00	\$ 150.00	\$ 3,600.00
			Project Administrator	17.50	\$ 125.00	\$ 2,187.50
<b>Total Sub Task 1 Labor</b>						<b>\$ 7,287.50</b>
CB-HG-006	2	Consultant Management and GSP Implementation	Executive Director	5.00	\$ 300.00	\$ 1,500.00
			Project Coordinator	36.50	\$ 150.00	\$ 5,475.00
			Project Administrator	2.00	\$ 125.00	\$ 250.00
<b>Total Sub Task 2 Labor</b>						<b>\$ 7,225.00</b>
CB-HG-006	3	Financial Information Coordination	Executive Director	1.25	\$ 300.00	\$ 375.00
			Project Controls	23.75	\$ 200.00	\$ 4,750.00
			Project Coordinator	6.00	\$ 150.00	\$ 900.00
			Project Administrator	2.25	\$ 125.00	\$ 281.25
<b>Total Sub Task 3 Labor</b>						<b>\$ 6,306.25</b>
CB-HG-006	4	CBGSA Outreach	Executive Director	0.00	\$ 300.00	\$ -
			Project Coordinator	5.25	\$ 150.00	\$ 787.50
			Project Administrator	0.25	\$ 125.00	\$ 31.25
<b>Total Sub Task 4 Labor</b>						<b>\$ 818.75</b>
CB-HG-006	5	Funding Process Administration	Executive Director	0.00	\$ 300.00	\$ -
			Project Controls	4.25	\$ 200.00	\$ 850.00
			Project Coordinator	4.00	\$ 150.00	\$ 600.00
			Project Administrator	0.00	\$ 125.00	\$ -
<b>Total Sub Task 5 Labor</b>						<b>\$ 1,450.00</b>
CB-HG-006	6	Management Area Administration	Executive Director	0.00	\$ 300.00	\$ -
			Project Coordinator	0.50	\$ 150.00	\$ 75.00
			Project Administrator	0.00	\$ 125.00	\$ -
<b>Total Sub Task 6 Labor</b>						<b>\$ 75.00</b>
CB-HG-006	7	Support for CBGSA Response to DWR and Public Comments	Executive Director	0.00	\$ 300.00	\$ -
			Project Coordinator	0.00	\$ 150.00	\$ -
<b>Total Sub Task 7 Labor</b>						<b>\$ -</b>
<b>Total Labor</b>						<b>\$ 23,162.50</b>
Provost & Pritchard - October 2020						\$ 13,539.32
Mailing Supplies and Postage						\$ 14.16
GoToMeeting Conference Calls Minutes: 1,362 .05 c						\$ 72.45
<b>SubTotal Travel and Other Direct Costs</b>						<b>\$ 13,625.93</b>
ODC Mark Up - Provost & Pritchard 3%						\$ 406.18
ODC Mark Up - Other 5%						\$ 4.33
<b>Total Travel and Other Direct Costs</b>						<b>\$ 14,036.44</b>
<b>TOTAL AMOUNT DUE THIS INVOICE</b>						<b>\$ 37,198.94</b>

MAXIMUM CONTRACT VALUE AND PROGRESS BILLING

Task Order	Original Totals	Amendment(s)	Total Committed	Previously Billed	Current Billing	Remaining Balance
CB-HG-006	\$ 153,350.00	\$ -	\$ 153,350.00	\$ 61,387.50	\$ 23,162.50	\$ 68,800.00
Provost & Pritchard	\$ -	\$ 194,000.00	\$ 194,000.00	\$ 41,983.11	\$ 13,539.32	\$ 138,477.57
Travel and ODC	\$ 2,335.00	\$ 5,820.00	\$ 8,155.00	\$ 3,109.39	\$ 497.12	\$ 4,548.49
<b>Total</b>	<b>\$ 155,685.00</b>	<b>\$ 199,820.00</b>	<b>\$ 355,505.00</b>	<b>\$ 106,480.00</b>	<b>\$ 37,198.94</b>	<b>\$ 211,826.06</b>

# CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY

## PROGRESS REPORT FOR TASK ORDER CB-HG-006

<b>Client Name:</b>	Cuyama Basin Groundwater Sustainability Agency	<b>Agreement Number:</b>	201709-CB-001
<b>Company Name:</b>	HGCPM, Inc. DBA The Hallmark Group	<b>Address:</b>	500 Capitol Mall, Suite 2350 Sacramento, CA 95814
<b>Task Order Number:</b>	CB-HG-006	<b>Report Period:</b>	October 1-31, 2020
<b>Progress Report Number:</b>	21	<b>Project Manager:</b>	Jim Beck
<b>Invoice Number:</b>	2020-CBGSA-10	<b>Invoice Date:</b>	October 31, 2020

## SUMMARY OF WORK PERFORMED

### Task 1: CBGSA Board of Directors Meetings

- Facilitated meeting with Standing Advisory Committee (SAC) Chair to discuss the SAC's roles and responsibilities to the Cuyama Basin Groundwater Sustainability Agency (CBGSA) on Oct. 7, 2020.
- Developed November 4<sup>th</sup> CBGSA Board agenda and reviewed with Board Chair.
- Developed and updated CBGSA task list.
- Developed SAC and Board memos, presentations and electronic presentation.
- Corresponded with Alex Dominguez regarding closed session language to prepare for Nov. 4 Board Meeting.
- Facilitated Oct 29, 2020 SAC Meeting.

### Task 2: Consultant Management and GSP Implementation

- Prepared for, met with, and facilitated CBGSA Program Management Team (PMT) to discuss GSP section progress and outreach.
- Coordinated ad hoc appointments with the Board Chair.
- Compiled landowner contact information for 2020 indirect economic study.
- Prepared for, met with, and facilitated Groundwater Dependent Ecosystem (GDE) Ad Hoc on Oct 5, 2020.
- Prepared for, met with, and facilitated Model Refinement Ad Hoc on Oct 7, 2020.
- Prepared for, met with, and facilitated Model Refinement Tech Forum on Oct 13, 2020.
- Prepared for, met with, and facilitated Prop 68 Ad Hoc on Oct 16, 2020.
- Discussed GDEs with Board Member Jane Wooster.
- Submit DUN number application.

### Task 3: Financial Information Coordination

- Developed monthly budget report.
- Prepared for, met with, and facilitated bi-weekly grant administration update with W&C.

- Billing, accounting, and administration.
- Reviewed and discussed Prop 1 and 68 8a/8b invoices with DWR's Anita Regmi and Woodard & Curran staff Lindsay Martien.

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

- Updated CBGSA public stakeholder contact list.
- Reviewed 7<sup>th</sup> edition newsletter.
- Corresponded with Jim Mitchel regarding monitoring well in Schoolhouse Canyon.

#### **Task 5: Funding Process (Currently Extraction Fee) – Administration**

- Processed Groundwater Extraction Fee forms and payments received.
- Correspondence with landowners regarding Groundwater Extraction Fee and funding via phone and email.

#### **Task 6: Management Area Administration**

- Corresponded with Cuyama Basin Water District (CBWD) Manager Matt Klinchuch on CBWD's acceptance of Management Area delegation Measures.

#### **Task 7: Support for CBGSA Response to DWR and Public Comments**

- N/A

#### **DELIVERABLES AND COMPLETED TASKS**

- Developed agendas, SAC and Board packet, electronic meeting
- Tracked Groundwater Extraction Fee forms.

#### **PLANNED OBJECTIVES FOR NEXT REPORTING PERIOD**

- Facilitate bi-weekly CBGSA program management team meetings.
- Facilitate bi-weekly grant administration update meetings.
- Facilitate October 29, 2020 SAC Meeting and November 4, 2020 Board Meeting.

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

- N/A

286 W. Cromwell Avenue  
 Fresno, CA 93711  
 (559) 449-2700  
 Fax (559) 449-2715

**EST. 1968**  
**PROVOST & PRITCHARD**  
**CONSULTING GROUP**  
*An Employee Owned Company*

CBGSA  
 Hallmark Group  
 Attn: Taylor Blakslee  
 500 Capital Mall, Ste 2350  
 Sacramento, CA 95814

November 6, 2020  
 Project: No: 03616-20-001  
 Invoice No: 81838

**Project Name: Cuyama Basin Groundwater Sustainability Agency Monitoring Network Setup and Data Collection**  
**Client Project #:**

Data gathering and processing. Obtain well access permission (verbal or written agreement). Correspondence w/ client and other project management. Groundwater level measurements.

**Professional Services from October 1, 2020 to October 31, 2020**

Phase:	CO	CBGSA Coordination	
<b>Labor</b>			<b>250.00</b>
		<b>Total this Phase:</b>	<b>\$250.00</b>
Phase:	DAT	CBGSA Data Reporting	
<b>Labor</b>			<b>968.00</b>
		<b>Total this Phase:</b>	<b>\$968.00</b>
Phase:	IM	CBGSA Field Validation	
<b>Labor</b>			<b>839.50</b>
<b>Reimbursable Expenses</b>			<b>404.68</b>
		<b>Total this Phase:</b>	<b>\$1,244.18</b>
Phase:	MON	CBGSA Monthly Monitoring	
<b>Labor</b>			<b>10,222.60</b>
<b>Reimbursable Expenses</b>			<b>854.54</b>
		<b>Total this Phase:</b>	<b>\$11,077.14</b>
		<b>Total this Invoice</b>	<b><u><u>\$13,539.32</u></u></b>



# MONTHLY EXPENSE REPORT - Project and Person Summary

Date Range: 10/1/2020 - 10/31/2020

<i>Client</i>	<i>Project</i>	<i>Person</i>	<i>Expense Type</i>	<i>Date</i>	<i>Description</i>	<i>Mileage</i>	<i>Amount</i>
Cuyama Basin Groundwater Sustainability Agency							
	1708-CBGSA ED	CBGSA Executive Director Services					
		Jacqueline Harris					\$14.16
		Miscellaneous					\$14.16
				10/5/2020	Check envelopes		\$2.80
				10/5/2020	Postage		\$11.36
					<b>CBGSA Executive Director Services Subtotal</b>		<b>\$14.16</b>
					<b>Cuyama Basin Groundwater Sustainability Agency Subtotal</b>		<b>\$14.16</b>
					<b>Grand Total</b>		<b>\$14.16</b>

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

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

**Invoice No.:** 2020-CBGS-11  
**Task Order No.:** CB-HG-006  
**Agreement No.:** 201709-CB-001  
**Date:** November 30, 2020

For professional services rendered for the month of November 2020:

Task Order	Sub Task	Task Description	Billing Classification	Hours	Rate	Amount
CB-HG-006	1	Board of Directors and Advisory Committee Meetings	Executive Director	7.25	\$ 300.00	\$ 2,175.00
			Project Coordinator	15.50	\$ 150.00	\$ 2,325.00
			Project Administrator	8.25	\$ 125.00	\$ 1,031.25
<b>Total Sub Task 1 Labor</b>						<b>\$ 5,531.25</b>
CB-HG-006	2	Consultant Management and GSP Implementation	Executive Director	6.50	\$ 300.00	\$ 1,950.00
			Project Coordinator	35.00	\$ 150.00	\$ 5,250.00
			Project Administrator	0.00	\$ 125.00	\$ -
<b>Total Sub Task 2 Labor</b>						<b>\$ 7,200.00</b>
CB-HG-006	3	Financial Information Coordination	Executive Director	0.00	\$ 300.00	\$ -
			Project Controls	7.50	\$ 200.00	\$ 1,500.00
			Project Coordinator	5.75	\$ 150.00	\$ 862.50
			Project Administrator	0.00	\$ 125.00	\$ -
<b>Total Sub Task 3 Labor</b>						<b>\$ 2,362.50</b>
CB-HG-006	4	CBGSA Outreach	Executive Director	0.00	\$ 300.00	\$ -
			Project Coordinator	4.00	\$ 150.00	\$ 600.00
			Project Administrator	0.00	\$ 125.00	\$ -
<b>Total Sub Task 4 Labor</b>						<b>\$ 600.00</b>
CB-HG-006	5	Funding Process Administration	Executive Director	0.25	\$ 300.00	\$ 75.00
			Project Controls	0.75	\$ 200.00	\$ 150.00
			Project Coordinator	1.25	\$ 150.00	\$ 187.50
			Project Administrator	0.00	\$ 125.00	\$ -
<b>Total Sub Task 5 Labor</b>						<b>\$ 412.50</b>
CB-HG-006	6	Management Area Administration	Executive Director	0.00	\$ 300.00	\$ -
			Project Coordinator	0.00	\$ 150.00	\$ -
			Project Administrator	0.00	\$ 125.00	\$ -
<b>Total Sub Task 6 Labor</b>						<b>\$ -</b>
CB-HG-006	7	Support for CBGSA Response to DWR and Public Comments	Executive Director	0.00	\$ 300.00	\$ -
			Project Coordinator	0.00	\$ 150.00	\$ -
<b>Total Sub Task 7 Labor</b>						<b>\$ -</b>
<b>Total Labor</b>						<b>\$ 16,106.25</b>
Provost & Pritchard (Monitoring Network Setup and Data Collection) - November 2020						\$ 10,703.93
Provost & Pritchard (Groundwater Quality Monitoring) - November 2020						\$ 1,489.60
GoToMeeting Conference Calls				Minutes: 1,405	.05 c	\$ 70.25
<b>SubTotal Travel and Other Direct Costs</b>						<b>\$ 12,263.78</b>
ODC Mark Up - Provost & Pritchard					3%	\$ 365.81
ODC Mark Up - Other					5%	\$ 3.51
<b>Total Travel and Other Direct Costs</b>						<b>\$ 12,633.10</b>
<b>TOTAL AMOUNT DUE THIS INVOICE</b>						<b>\$ 28,739.35</b>

**MAXIMUM CONTRACT VALUE AND PROGRESS BILLING**

Task Order	Original Totals	Amendment(s)	Total Committed	Previously Billed	Current Billing	Remaining Balance
CB-HG-006	\$ 153,350.00	\$ -	\$ 153,350.00	\$ 84,550.00	\$ 16,106.25	\$ 52,693.75
Provost & Pritchard	\$ -	\$ 194,000.00	\$ 194,000.00	\$ 55,522.43	\$ 12,193.53	\$ 126,284.04
Travel and ODC	\$ 2,335.00	\$ 5,820.00	\$ 8,155.00	\$ 3,606.51	\$ 439.57	\$ 4,108.92
<b>Total</b>	<b>\$ 155,685.00</b>	<b>\$ 199,820.00</b>	<b>\$ 355,505.00</b>	<b>\$ 143,678.94</b>	<b>\$ 28,739.35</b>	<b>\$ 183,086.71</b>

# CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY

## PROGRESS REPORT FOR TASK ORDER CB-HG-006

<b>Client Name:</b>	Cuyama Basin Groundwater Sustainability Agency	<b>Agreement Number:</b>	201709-CB-001
<b>Company Name:</b>	HGCPM, Inc. DBA The Hallmark Group	<b>Address:</b>	500 Capitol Mall, Suite 2350 Sacramento, CA 95814
<b>Task Order Number:</b>	CB-HG-006	<b>Report Period:</b>	November 1-30, 2020
<b>Progress Report Number:</b>	22	<b>Project Manager:</b>	Jim Beck
<b>Invoice Number:</b>	2020-CBGSA-11	<b>Invoice Date:</b>	November 30, 2020

## SUMMARY OF WORK PERFORMED

### Task 1: CBGSA Board of Directors Meetings

- Prepared for and facilitated the November 4<sup>th</sup> CBGSA Board Meeting.
- Developed/finalized memos, presentations and electronic presentation for CBGSA Board Meeting.
- Drafted minutes for CBGSA Board Meeting.
- Provided links/calendar reminders for 2021 meetings.

### Task 2: Consultant Management and GSP Implementation

- Prepared for, met with, and facilitated CBGSA Program Management Team (PMT) to discuss GSP section progress and outreach.
- Coordinated ad hoc appointments with the Board Chair.
- Created GSP portal user for Woodard & Curran staff.
- Corresponded with Ben Gooding regarding fall groundwater level information.
- Corresponded with Grapevine Capital regarding monitoring network data.
- Contacted Sunrise Olive LLC regarding permission for a proposed DWR TSS well site.
- Reviewed updated groundwater level information with Provost & Prichard (P&P).
- Discussed stream gauge process with Ben Glass from the USGS.
- Corresponded with Tim Goodwin at DWR regarding Prop 68 application questions.
- Developed well inventory cost proposal.
- Discussed DWR TSS specific well locations with Jane Wooster.
- Resubmitted SAM verification and DUN number application.
- Prepared for, met with, and facilitated Prop 68 Ad Hoc on Nov 24, 2020.
- Corresponded with P&P regarding water quality scope and groundwater levels.
- Contacted the counties regarding well inventory questions.
- Requested transducer data from Grapevine Capital and discussed piezometer costs.
- Prepared for ad hoc to discuss SAC role (Standing Advisory Committee).

**Task 3: Financial Information Coordination**

- Developed monthly budget report.
- Prepared for, met with, and facilitated bi-weekly grant administration update with Woodard & Curran (W&C).
- Billing, accounting, and administration.
- Reviewed and discussed Prop 68 8a/8b invoices with DWR's Anita Regmi and W&C staff Lindsay Martien.

**Task 4: Cuyama Basin GSA Outreach**

- Updated CBGSA public stakeholder contact list.
- Reviewed and distributed 7<sup>th</sup> edition newsletter.

**Task 5: Funding Process (Currently Extraction Fee) – Administration**

- Correspondence with landowners regarding Groundwater Extraction Fee and funding via phone and email.

**Task 6: Management Area Administration**

- N/A

**Task 7: Support for CBGSA Response to DWR and Public Comments**

- N/A

**DELIVERABLES AND COMPLETED TASKS**

- Developed agendas, SAC and Board packet, electronic meeting
- Tracked Groundwater Extraction Fee forms.

**PLANNED OBJECTIVES FOR NEXT REPORTING PERIOD**

- Facilitate bi-weekly CBGSA program management team meetings.
- Facilitate bi-weekly grant administration update meetings.

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

- N/A



COMMITMENT & INTEGRITY  
DRIVE RESULTS

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

T 800.426.4262  
T 207.774.2112  
F 207.774.6635

INVOICE 21

TD BANK  
Electronic Transfer:  
Ⓜ211274450 Ⓜ2427662596

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

December 9, 2020  
Project No: 0011078.01  
Invoice No: 184012

Project 0011078.01 CUYAMA GSP

**Professional Services for the period ending October 30, 2020**

Phase 012 GW Monitoring Well Network Expansion (Cat 1 – Task 1)

**Professional Personnel**

	Hours	Rate	Amount	
Planner 3				
Eggleton, Charles	4.00	217.00	868.00	
Software Engineer 1				
Nguyen, John	7.00	151.00	1,057.00	
Project Manager 2				
Van Lienden, Brian	2.00	273.00	546.00	
Senior Project Manager				
Long, Jeanna	1.25	289.00	361.25	
<b>Totals</b>	<b>14.25</b>		<b>2,832.25</b>	
<b>Labor Total</b>				<b>2,832.25</b>

**Consultant**

Sub - Engineering				
10/30/2020	GROUND WATER SOLUTIONS, INC.	GSI Inv# 0747.002-11	1,370.00	
<b>Consultant Total</b>		<b>1.1 times</b>	<b>1,370.00</b>	<b>1,507.00</b>
		<b>Total this Phase</b>		<b>\$4,339.25</b>

Phase 028 FY 20/21 Stakeholder/Board Engagement

**Professional Personnel**

	Hours	Rate	Amount	
Project Engineer 1				
Ceyhan, Mahmut	2.00	227.00	454.00	
Project Manager 2				
Van Lienden, Brian	26.50	273.00	7,234.50	
<b>Totals</b>	<b>28.50</b>		<b>7,688.50</b>	
<b>Labor Total</b>				<b>7,688.50</b>
		<b>Total this Phase</b>		<b>\$7,688.50</b>

Please include our invoice number in your remittance. Thank you.

Phase	029	FY 20/21 Outreach		22
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**Professional Personnel**

	Hours	Rate	Amount	
Graphic Artist				
Fox, Adam	1.00	121.00	121.00	
Project Manager 2				
Van Lienden, Brian	5.50	273.00	1,501.50	
Totals	6.50		1,622.50	
<b>Labor Total</b>				<b>1,622.50</b>

**Consultant**

Sub - Engineering				
10/30/2020 THE CATALYST GROUP		Catalyst Inv# 511	1,122.50	
<b>Consultant Total</b>		<b>1.1 times</b>	<b>1,122.50</b>	<b>1,234.75</b>
		<b>Total this Phase</b>		<b>\$2,857.25</b>

Phase	030	FY 20/21 Support for DWR Technical Support Services
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**Professional Personnel**

	Hours	Rate	Amount	
Project Manager 2				
Van Lienden, Brian	2.00	273.00	546.00	
Totals	2.00		546.00	
<b>Labor Total</b>				<b>546.00</b>
		<b>Total this Phase</b>		<b>\$546.00</b>

Phase	031	FY 20/21 GSP Implementation Support
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**Professional Personnel**

	Hours	Rate	Amount	
Planner 2				
Eggleton, Charles	3.50	187.00	654.50	
Planner 3				
Eggleton, Charles	18.25	217.00	3,960.25	
Project Manager 2				
Van Lienden, Brian	25.50	273.00	6,961.50	
Senior Project Assistant				
Hughart, Desiree	2.00	132.00	264.00	
Totals	49.25		11,840.25	
<b>Labor Total</b>				<b>11,840.25</b>
		<b>Total this Phase</b>		<b>\$11,840.25</b>

Phase	034	FY 20/21 DWR Grant Agreement Administration
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**Professional Personnel**

	Hours	Rate	Amount	
Planner 3				
Kidson, Jennifer	3.25	217.00	705.25	
Martien, Lindsay	20.50	217.00	4,448.50	
Project Manager 2				
Van Lienden, Brian	10.50	273.00	2,866.50	
Totals	34.25		8,020.25	
<b>Labor Total</b>				<b>8,020.25</b>
		<b>Total this Phase</b>		<b>\$8,020.25</b>

Phase 035 FY 20/21 Preparation for Grant Application

**Professional Personnel**

	Hours	Rate	Amount
Project Manager 2			
Van Lienden, Brian	3.50	273.00	955.50
Totals	3.50		955.50
<b>Labor Total</b>			<b>955.50</b>
		<b>Total this Phase</b>	<b>\$955.50</b>

Phase 036 FY 20/21 Indirect and Induced Economic Impacts Analysis

**Professional Personnel**

	Hours	Rate	Amount
Project Manager 2			
Van Lienden, Brian	12.00	273.00	3,276.00
Totals	12.00		3,276.00
<b>Labor Total</b>			<b>3,276.00</b>

**Consultant**


Sub - Consultant Miscellaneous			
10/30/2020 ERA Economics, LLC	ERA Econ Inv# WC20.a03		16,277.50
<b>Consultant Total</b>	<b>1.1 times</b>		<b>16,277.50</b>
		<b>Total this Phase</b>	<b>\$21,181.25</b>

Phase 037 FY 20/21 Develop Strategy for Update/Refinement of Cuyama Basin GW Model

**Professional Personnel**

	Hours	Rate	Amount
Project Engineer 1			
Ceyhan, Mahmut	1.50	227.00	340.50
Project Manager 2			
Van Lienden, Brian	11.00	273.00	3,003.00
Senior Technical Practice Leader			
Taghavi, Ali	7.00	315.00	2,205.00
Totals	19.50		5,548.50
<b>Labor Total</b>			<b>5,548.50</b>
		<b>Total this Phase</b>	<b>\$5,548.50</b>
		<b>Total this Invoice</b>	<b>\$62,976.75</b>

Project Summary	Current Fee	Previous Fee	Total
	62,976.75	2,546,174.11	2,609,150.86

Approved by:   
 Brian Van Lienden  
 Project Manager  
 Woodard & Curran



## Progress Report

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### Cuyama Basin Groundwater Sustainability Plan Development

**Subject:** October 2020 Progress Report

Jim Beck, Executive Director,

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

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

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

**Date:** December 11, 2020

**Project No.:** 0011078.01

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This progress report summarizes the work performed and project status for the period of September 26, 2020 through October 30, 2020 on the Cuyama Basin Groundwater Sustainability Plan Development project. The work associated with this invoice was performed in accordance with our Consulting Services Agreement dated December 6, 2017, and with Task Order 5, issued by the CBGSA on June 6, 2018, Task Order 6, issued by the CBGSA on August 7, 2019, Task Order 7, issued by the CBGSA on December 4, 2019, and Task order 8, issued by the CBGSA on June 25, 2020. Note that Task Orders 1, 2, 3 and 4 were already 100% spent as of the beginning of this reporting period.

The progress report contains the following sections:

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

### 1 Work Performed

A summary of work performed on the project during the current reporting period is provided in Tables 1, 2, 3 and 4 below. Table 1 shows work performed under Task Orders 2 and 4, which include tasks identified in the Category 2 grant from the California Department of Water Resources (DWR). Table 2 shows work performed under Task Orders 3 and 5, which includes tasks identified in the Category 1 grant from DWR. Table 3 shows work performed under Task Order 6. Table 4 shows work under Task Order 7. Table 5 shows work under Task Order 8.



**Table 1: Summary of Task/Deliverables Status for Category 2 Tasks (Task Orders 2 and 4)**

<b>Task</b>	<b>Work Completed During the Reporting Period</b>	<b>Percent Complete</b>	<b>Work Scheduled for Next Period</b>
<b>Task 1: Initiate Work Plan for GSP and Stakeholder Engagement Strategy Development</b>	<ul style="list-style-type: none"> <li>Task 1 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 1 is completed; no further work is anticipated</li> </ul>
<b>Task 2: Data Management System, Data Collection and Analysis, and Plan Review</b>	<ul style="list-style-type: none"> <li>Task 2 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 2 is completed; no further work is anticipated</li> </ul>
<b>Task 3: Description of the Plan Area, Hydrogeologic Conceptual Model, and Groundwater Conditions</b>	<ul style="list-style-type: none"> <li>Task 3 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 3 is completed; no further work is anticipated</li> </ul>
<b>Task 4: Basin Model and Water Budget</b>	<ul style="list-style-type: none"> <li>Task 4 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 4 is completed; no further work is anticipated</li> </ul>
<b>Task 5: Establish Basin Sustainability Criteria</b>	<ul style="list-style-type: none"> <li>Task 5 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 5 is completed; no further work is anticipated</li> </ul>
<b>Task 6. Monitoring Networks</b>	<ul style="list-style-type: none"> <li>Task 6 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 6 is completed; no further work is anticipated</li> </ul>
<b>Task 7: Projects and Actions for Sustainability Goals</b>	<ul style="list-style-type: none"> <li>Task 7 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 7 is completed; no further work is anticipated</li> </ul>
<b>Task 8. GSP Implementation</b>	<ul style="list-style-type: none"> <li>Task 8 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 8 is completed; no further work is anticipated</li> </ul>

Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 9: GSP Development</b>	<ul style="list-style-type: none"> <li>Task 9 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 9 is completed; no further work is anticipated</li> </ul>
<b>Task 10: Education, Outreach and Communication</b>	<ul style="list-style-type: none"> <li>Task 10 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 10 is completed; no further work is anticipated</li> </ul>
<b>Task 11: Project Management</b>	<ul style="list-style-type: none"> <li>Task 11 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 11 is completed; no further work is anticipated</li> </ul>

Table 2: Summary of Task/Deliverables Status for Category 1 Tasks (Task Orders 3 and 5)

Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 12: Groundwater Monitoring Well Network Expansion</b>	<ul style="list-style-type: none"> <li>Identification of partners and discussions with landowners for groundwater well monitoring equipment installation</li> </ul>	85%	<ul style="list-style-type: none"> <li>This task is expected to be completed during Q3 of FY 2020-21.</li> </ul>
<b>Task 13: Evapotranspiration Evaluation for Cuyama Basin Region</b>	<ul style="list-style-type: none"> <li>Task 13 is completed. No work was performed on Task 13 during this period.</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 13 is completed; no further work is anticipated</li> </ul>
<b>Task 14: Surface Water Monitoring Program</b>	<ul style="list-style-type: none"> <li>Worked with USGS to prepare documentation and agreements for gage installation</li> </ul>	55%	<ul style="list-style-type: none"> <li>This task is expected to be completed by the end of FY 2020-21.</li> </ul>
<b>Task 15: Category 1 Project Management</b>	<ul style="list-style-type: none"> <li>Ongoing project management and grant administration activities</li> </ul>	98%	<ul style="list-style-type: none"> <li>Ongoing project management and grant administration activities</li> </ul>

Table 3: Summary of Task/Deliverables Status for Task Order 6

Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 16: Finalize GSP Development</b>	<ul style="list-style-type: none"> <li>Task 16 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 16 is completed; no further work is anticipated</li> </ul>

Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 17: Stakeholder &amp; Board Engagement</b>	<ul style="list-style-type: none"> <li>Task 17 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 17 is completed; no further work is anticipated.</li> </ul>
<b>Task 18: Outreach Support</b>	<ul style="list-style-type: none"> <li>Task 18 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 18 is completed; no further work is anticipated.</li> </ul>
<b>Task 19: Support for DWR Technical Support Services</b>	<ul style="list-style-type: none"> <li>Task 19 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 19 is completed; no further work is anticipated.</li> </ul>
<b>Task 20: Prepare SGM Planning Grant Application</b>	<ul style="list-style-type: none"> <li>Task 20 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 20 is completed; no further work is anticipated</li> </ul>
<b>Task 21: Development of a CBGSA Fee Structure</b>	<ul style="list-style-type: none"> <li>Task 21 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 21 is completed; no further work is anticipated</li> </ul>

Table 4: Summary of Task/Deliverables Status for Task Order 7

Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 22: Stakeholder &amp; Board Engagement</b>	<ul style="list-style-type: none"> <li>Task 22 is completed. No work was performed on Task 22 during this period.</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 22 is completed; no further work is anticipated. Further work will be performed under Task 28.</li> </ul>
<b>Task 23: Outreach Support</b>	<ul style="list-style-type: none"> <li>Task 23 is completed. No work was performed on Task 23 during this period.</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 23 is completed; no further work is anticipated. Further work will be performed under a new task in Task Order 29.</li> </ul>

Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 24: Support for DWR Technical Support Services</b>	<ul style="list-style-type: none"> <li>Task 24 is completed. No work was performed on Task 24 during this period.</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 24 is completed; no further work is anticipated. Further work will be performed under a new task in Task Order 30.</li> </ul>
<b>Task 25: Cuyama Basin GSP Implementation Support</b>	<ul style="list-style-type: none"> <li>Task 25 is completed. No work was performed on Task 25 during this period.</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 25 is completed; no further work is anticipated. Further work will be performed under a new task in Task Order 31.</li> </ul>
<b>Task 26: Development of Management Area Policies and Guidelines</b>	<ul style="list-style-type: none"> <li>Task 26 is completed. No work was performed on Task 26 during this period.</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 26 is completed; no further work is anticipated.</li> </ul>
<b>Task 27: Support for Determining a Funding Mechanism for FY 20-21</b>	<ul style="list-style-type: none"> <li>Task 27 is completed. No work was performed on Task 27 during this period.</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 27 is completed; no further work is anticipated.</li> </ul>

**Table 5: Summary of Task/Deliverables Status for Task Order 8**

Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 28: FY21 Stakeholder &amp; Board Engagement</b>	<ul style="list-style-type: none"> <li>Prepare materials for October/November SAC and Board meetings</li> <li>Participation in Oct 29 SAC meeting</li> <li>Participation in ad-hoc calls</li> </ul>	30%	<ul style="list-style-type: none"> <li>Participation in future ad-hoc calls</li> <li>Preparation for and participation in future CBGSA Board and SAC meetings</li> </ul>
<b>Task 29: FY21 Outreach Support</b>	<ul style="list-style-type: none"> <li>Ongoing stakeholder outreach activities related to GSP implementation</li> </ul>	20%	<ul style="list-style-type: none"> <li>Ongoing stakeholder outreach activities related to GSP implementation</li> </ul>

Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 30: FY21 Support for DWR Technical Support Services</b>	<ul style="list-style-type: none"> <li>• Coordination with DWR related to TSS well installation</li> </ul>	6%	<ul style="list-style-type: none"> <li>• Continued TSS well support and permitting</li> </ul>
<b>Task 31: FY21 Cuyama Basin GSP Implementation Support</b>	<ul style="list-style-type: none"> <li>• Data organization and DMS updates</li> <li>• Monitoring implementation support and development of monitoring reporting documentation</li> <li>• Identification of proposed approaches to fill GSP data gaps</li> </ul>	12%	<ul style="list-style-type: none"> <li>• Continued monitoring implementation support</li> <li>• DMS updates and data integration</li> <li>• Prepare materials for Ad-hoc discussions on GDEs and Cuyama Basin model updates</li> </ul>
<b>Task 32: FY21 Development of Management Area Administration</b>	<ul style="list-style-type: none"> <li>• No work was performed on Task 32 during this period</li> </ul>	0%	<ul style="list-style-type: none"> <li>• Additional support as requested by the CBGSA</li> </ul>
<b>Task 33: FY21 Support for Determining a Funding Mechanism</b>	<ul style="list-style-type: none"> <li>• No work was performed on Task 33 during this period</li> </ul>	0%	<ul style="list-style-type: none"> <li>• Additional support as requested by the CBGSA</li> </ul>
<b>Task 34: FY21 DWR Grant Agreement Administration</b>	<ul style="list-style-type: none"> <li>• Ongoing grant agreement administration</li> <li>• Grant scheduling</li> </ul>	43%	<ul style="list-style-type: none"> <li>• Continued grant agreement administration</li> </ul>
<b>Task 35: FY21 Preparation of Grant Application</b>	<ul style="list-style-type: none"> <li>• No work was performed on Task 35 during this period</li> </ul>	2%	<ul style="list-style-type: none"> <li>• Development of a grant application when requested by the GSA</li> </ul>
<b>Task 36: FY21 Indirect and Induced Economic Impacts Analysis</b>	<ul style="list-style-type: none"> <li>• Data compilation and model setup for economics analysis by ERA Economics</li> <li>• Outreach meetings to support development of economic analysis</li> </ul>	54%	<ul style="list-style-type: none"> <li>• Continued outreach to Basin business owners regarding economics model assumptions and continued economic model development</li> </ul>

Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 37: FY21 Develop Strategy for Update/Refinement of Cuyama Basin GW Model</b>	<ul style="list-style-type: none"> <li>Refinement of draft approaches for Cuyama Basin model updates</li> <li>Participation in Technical Forum and ad-hoc committee meetings to discuss potential model refinements</li> </ul>	17%	<ul style="list-style-type: none"> <li>Prioritization of model refinement approaches</li> <li>Work with Board ad-hoc and Technical Forum members to review and refine model refinement strategy</li> </ul>

## 2 Budget Status

Table 6 shows the percent spent for each task under Task Order 1. 100% of the available Task Order 1 budget has been expended (\$321,135.00 out of \$321,135).

**Table 6: Budget Status for Task Order 1**

Task	Total Budget	Spent Previously	Spent this Period	Total Spent to Date	Budget Remaining	% Spent to Date
<b>1</b>	\$ 35,768.00	\$ 35,755.53	\$ -	\$ 35,755.53	\$ 12.47	100%
<b>2</b>	\$ 61,413.00	\$ 61,413.00	\$ -	\$ 61,413.00	\$ -	100%
<b>3</b>	\$ 45,766.00	\$ 45,766.00	\$ -	\$ 45,766.00	\$ -	100%
<b>4</b>	\$ 110,724.00	\$ 110,724.00	\$ -	\$ 110,724.00	\$ -	100%
<b>5</b>	\$ -	\$ -	\$ -	\$ -	\$ -	n/a
<b>6</b>	\$ -	\$ -	\$ -	\$ -	\$ -	n/a
<b>7</b>	\$ 12,120.00	\$ 12,120.00	\$ -	\$ 12,120.00	\$ -	100%
<b>8</b>	\$ -	\$ -	\$ -	\$ -	\$ -	n/a
<b>9</b>	\$ -	\$ -	\$ -	\$ -	\$ -	n/a
<b>10</b>	\$ 45,420.00	\$ 45,432.47	\$ -	\$ 45,432.47	\$ (12.47)	100%
<b>11</b>	\$ 9,924.00	\$ 9,924.00	\$ -	\$ 9,924.00	\$ -	100%
<b>Total</b>	<b>\$ 321,135.00</b>	<b>\$ 321,135.00</b>	<b>\$ -</b>	<b>\$ 321,135.00</b>	<b>\$ -</b>	<b>100%</b>

Table 7 shows the percent spent for each task under Task Order 2. 100% of the available Task Order 2 budget has been expended (\$399,469.00 out of \$399,469).

**Table 7: Budget Status for Task Order 2**

Task	Total Budget	Spent Previously	Spent this Period	Total Spent to Date	Budget Remaining	% Spent to Date
1	\$ -	\$ -	\$ -	\$ -	\$ -	n/a
2	\$ 48,457.00	\$ 48,458.00	\$ -	\$ 48,458.00	\$ (1.00)	100%
3	\$ 24,182.00	\$ 24,182.00	\$ -	\$ 24,182.00	\$ -	100%
4	\$ 103,880.00	\$ 103,880.00	\$ -	\$ 103,880.00	\$ -	100%
5	\$ 60,676.00	\$ 60,676.00	\$ -	\$ 60,676.00	\$ -	100%
6	\$ 65,256.00	\$ 65,255.00	\$ -	\$ 65,255.00	\$ 1.00	100%
7	\$ 36,402.00	\$ 36,402.00	\$ -	\$ 36,402.00	\$ -	100%
8	\$ -	\$ -	\$ -	\$ -	\$ -	n/a
9	\$ -	\$ -	\$ -	\$ -	\$ -	n/a
10	\$ 45,420.00	\$ 45,420.00	\$ -	\$ 45,420.00	\$ -	100%
11	\$ 15,196.00	\$ 15,196.00	\$ -	\$ 15,196.00	\$ -	100%
<b>Total</b>	<b>\$ 399,469.00</b>	<b>\$ 399,469.00</b>	<b>\$ -</b>	<b>\$ 399,469.00</b>	<b>\$ -</b>	<b>100%</b>

Table 8 shows the percent spent for each task under Task Order 3. 100% of the available Task Order 3 budget has been expended (\$188,238.00 out of \$188,238).

**Table 8: Budget Status for Task Order 3**

Task	Total Budget	Spent Previously	Spent this Period	Total Spent to Date	Budget Remaining	% Spent to Date
12	\$ 53,244.00	\$ 53,244.00	\$ -	\$ 53,244.00	\$ -	100%
13	\$ 69,706.00	\$ 69,706.00	\$ -	\$ 69,706.00	\$ -	100%
14	\$ 53,342.00	\$ 53,342.00	\$ -	\$ 53,342.00	\$ -	100%
15	\$ 11,946.00	\$ 11,946.00	\$ -	\$ 11,946.00	\$ -	100%
<b>Total</b>	<b>\$ 188,238.00</b>	<b>\$ 188,238.00</b>	<b>\$ -</b>	<b>\$ 188,238.00</b>	<b>\$ -</b>	<b>100%</b>

Table 9 shows the percent spent for each task under Task Order 4. 100% of the available Task Order 4 budget has been expended (\$764,394.14 out of \$764,396).

**Table 9: Budget Status for Task Order 4**

Task	Total Budget	Spent Previously	Amount Invoiced This Month	Total Spent to Date	Budget Remaining	% Spent to Date
1	\$ -	\$ -	\$ -	\$ -	\$ -	n/a
2	\$ 24,780.00	\$ 24,793.50	\$ -	\$ 24,793.50	\$ (13.50)	100%
3	\$ 26,912.00	\$ 26,894.00	\$ -	\$ 26,894.00	\$ 18.00	100%
4	\$ 280,196.00	\$ 280,190.26	\$ -	\$ 280,190.26	\$ 5.74	100%
5	\$ 47,698.00	\$ 47,641.88	\$ -	\$ 47,641.88	\$ 56.12	100%
6	\$ -	\$ -	\$ -	\$ -	\$ -	n/a
7	\$ 117,010.00	\$ 117,009.20	\$ -	\$ 117,009.20	\$ 0.80	100%
8	\$ 69,780.00	\$ 69,831.25	\$ -	\$ 69,831.25	\$ (51.25)	100%
9	\$ 91,132.00	\$ 91,567.49	\$ -	\$ 91,567.49	\$ (435.49)	100%
10	\$ 70,236.00	\$ 69,766.10	\$ -	\$ 69,766.10	\$ 469.90	100%
11	\$ 36,652.00	\$ 36,700.46	\$ -	\$ 36,700.46	\$ (48.46)	100%
<b>Total</b>	<b>\$ 764,396.00</b>	<b>\$ 764,394.14</b>	<b>\$ -</b>	<b>\$ 764,394.14</b>	<b>\$ 1.86</b>	<b>100%</b>

Table 10 shows the percent spent for each task under Task Order 5 as of October 30, 2020. 66% of the available Task Order 5 budget has been expended (\$304,066.96 out of \$459,886).

**Table 10: Budget Status for Task Order 5**

Task	Total Budget	Spent Previously	Spent this Period	Total Spent to Date	Budget Remaining	% Spent to Date
12	\$196,208.00	\$154,008.57	\$4,339.25	\$158,347.82	\$37,860.18	81%
13	\$24,950.00	\$24,933.01	\$0.00	\$24,933.01	\$16.99	100%
14	\$204,906.00	\$87,881.58	\$0.00	\$87,881.58	\$117,024.42	43%
15	\$33,822.00	\$32,904.55	\$0.00	\$32,904.55	\$917.45	97%
<b>Total</b>	<b>\$459,886.00</b>	<b>\$299,727.71</b>	<b>\$4,339.25</b>	<b>\$304,066.96</b>	<b>\$155,819.04</b>	<b>66%</b>

Table 11 shows the percent spent for each task under Task Order 6. 96% of the available Task Order 6 budget has been expended (\$344,372.37 out of \$357,405). Work on Task Order 6 is completed.



Table 11: Budget Status for Task Order 6

Task	Total Budget	Spent Previously	Spent this Period	Total Spent to Date	Budget Remaining	% Spent to Date
16	\$195,658.00	\$195,630.29	\$0.00	\$195,630.29	\$27.71	100%
17	\$57,406.00	\$57,379.17	\$0.00	\$57,379.17	\$26.83	100%
18	\$12,901.00	\$12,929.91	\$0.00	\$12,929.91	(\$28.91)	100%
19	\$18,848.00	\$18,835.50	\$0.00	\$18,835.50	\$12.50	100%
20	\$40,032.00	\$40,007.00	\$0.00	\$40,007.00	\$25.00	100%
21	\$32,560.00	\$19,590.50	\$0.00	\$19,590.50	\$12,969.50	60%
<b>Total</b>	<b>\$357,405.00</b>	<b>\$344,372.37</b>	<b>\$0.00</b>	<b>\$344,372.37</b>	<b>\$13,032.63</b>	<b>96%</b>

Table 12 shows the percent spent for each task under Task Order 7. 59% of the available Task Order 7 budget has been expended (\$160,318.09 out of \$273,655.00). Work on Task Order 7 is completed.

Table 12: Budget Status for Task Order 7

Task	Total Budget	Spent Previously	Spent this Period	Total Spent to Date	Budget Remaining	% Spent to Date
22	\$29,262.00	\$8,736.00	\$0.00	\$8,736.00	\$20,526.00	30%
23	\$12,901.00	\$7,571.88	\$0.00	\$7,571.88	\$5,329.12	59%
24	\$18,848.00	\$15,301.46	\$0.00	\$15,301.46	\$3,546.54	81%
25	\$160,028.00	\$120,728.75	\$0.00	\$120,728.75	\$39,299.25	75%
26	\$49,608.00	\$4,977.00	\$0.00	\$4,977.00	\$44,631.00	10%
27	\$3,008.00	\$3,003.00	\$0.00	\$3,003.00	\$5.00	100%
<b>Total</b>	<b>\$273,655.00</b>	<b>\$160,318.09</b>	<b>\$0.00</b>	<b>\$160,318.09</b>	<b>\$113,336.91</b>	<b>59%</b>

Table 13 shows the percent spent for each task under Task Order 8 as of October 30, 2020. 17% of the available Task Order 8 budget has been expended (\$127,157.30 out of \$739,525.00).

**Table 13: Budget Status for Task Order 8**

<b>Task</b>	<b>Total Budget</b>	<b>Spent Previously</b>	<b>Spent this Period</b>	<b>Total Spent to Date</b>	<b>Budget Remaining</b>	<b>% Spent to Date</b>
<b>28</b>	\$90,052.00	\$5,187.00	\$7,688.50	\$12,875.50	\$77,176.50	14%
<b>29</b>	\$18,057.00	\$287.38	\$2,857.25	\$3,144.63	\$14,912.37	17%
<b>30</b>	\$32,192.00	\$1,228.50	\$546.00	\$1,774.50	\$30,417.50	6%
<b>31</b>	\$330,160.00	\$19,872.75	\$11,840.25	\$31,713.00	\$298,447.00	10%
<b>32</b>	\$22,584.00	\$0.00	\$0.00	\$0.00	\$22,584.00	0%
<b>33</b>	\$25,076.00	\$0.00	\$0.00	\$0.00	\$25,076.00	0%
<b>34</b>	\$50,020.00	\$13,315.29	\$8,020.25	\$21,335.54	\$28,684.46	43%
<b>35</b>	\$40,400.00	\$0.00	\$955.50	\$955.50	\$39,444.50	2%
<b>36</b>	\$90,000.00	\$27,400.38	\$21,181.25	\$48,581.63	\$41,418.37	54%
<b>37</b>	\$40,984.00	\$1,228.50	\$5,548.50	\$6,777.00	\$34,207.00	17%
<b>Total</b>	<b>\$739,525.00</b>	<b>\$68,519.80</b>	<b>\$58,637.50</b>	<b>\$127,157.30</b>	<b>\$612,367.70</b>	<b>17%</b>

### **3 Schedule Status**

The project is on schedule. Work authorized under Task Orders 1, 2, 3, 4, 6 and 7 are complete.

### **4 Outstanding Issues to be Coordinated**

None



TD BANK  
Electronic Transfer:  
Ⓜ:211274450 Ⓜ: 2427662596Ⓜ

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

December 23, 2020  
Project No: 0011078.01  
Invoice No: 184811

Project 0011078.01 CUYAMA GSP

**Professional Services for the period ending November 27, 2020**

Phase 012 GW Monitoring Well Network Expansion (Cat 1 – Task 1)

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Planner 3				
Eggleton, Charles	1.00	217.00	217.00	
Software Engineer 1				
Nguyen, John	16.00	151.00	2,416.00	
Senior Project Manager				
Long, Jeanna	1.00	289.00	289.00	
<b>Totals</b>	<b>18.00</b>		<b>2,922.00</b>	
<b>Labor Total</b>				<b>2,922.00</b>

**Consultant**

Sub - Engineering				
11/27/2020	GROUND WATER SOLUTIONS, INC.	GSI Inv# 0747.002-12	2,252.00	
<b>Consultant Total</b>		<b>1.1 times</b>	<b>2,252.00</b>	<b>2,477.20</b>
		<b>Total this Phase</b>		<b>\$5,399.20</b>

Phase 014 Surface Water Monitoring Program (Cat 1 – Task 3)

**Professional Personnel**

	<b>Hours</b>	<b>Rate</b>	<b>Amount</b>	
Project Manager 2				
Van Lienden, Brian	1.00	273.00	273.00	
<b>Totals</b>	<b>1.00</b>		<b>273.00</b>	
<b>Labor Total</b>				<b>273.00</b>
		<b>Total this Phase</b>		<b>\$273.00</b>

Phase 028 FY 20/21 Stakeholder/Board Engagement

**Professional Personnel**

	Hours	Rate	Amount
Project Manager 2			
Van Lienden, Brian	10.00	273.00	2,730.00
Totals	10.00		2,730.00
<b>Labor Total</b>			<b>2,730.00</b>

**Consultant**

Sub - Consultant Miscellaneous			
11/27/2020 THE CATALYST GROUP Catalyst Inv# 517			587.70
<b>Consultant Total</b>		<b>1.1 times</b>	<b>587.70</b>
			<b>646.47</b>
		<b>Total this Phase</b>	<b>\$3,376.47</b>

Phase 029 FY 20/21 Outreach

**Professional Personnel**

	Hours	Rate	Amount
Graphic Artist			
Fox, Adam	.75	121.00	90.75
Totals	.75		90.75
<b>Labor Total</b>			<b>90.75</b>
		<b>Total this Phase</b>	<b>\$90.75</b>

Phase 030 FY 20/21 Support for DWR Technical Support Services

**Professional Personnel**

	Hours	Rate	Amount
Project Manager 2			
Van Lienden, Brian	.50	273.00	136.50
Totals	.50		136.50
<b>Labor Total</b>			<b>136.50</b>
		<b>Total this Phase</b>	<b>\$136.50</b>

Phase 031 FY 20/21 GSP Implementation Support

**Professional Personnel**

	Hours	Rate	Amount
Planner 3			
Eggleton, Charles	7.25	217.00	1,573.25
Project Manager 2			
Ayes, John	3.00	273.00	819.00
Van Lienden, Brian	28.00	273.00	7,644.00
Totals	38.25		10,036.25
<b>Labor Total</b>			<b>10,036.25</b>

**Consultant**

Sub - Consultant Miscellaneous			
11/27/2020 LAND IQ, LLC Land IQ Inv# 3572			5,877.50
<b>Consultant Total</b>		<b>1.1 times</b>	<b>5,877.50</b>
			<b>6,465.25</b>
		<b>Total this Phase</b>	<b>\$16,501.50</b>

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Phase	034	FY 20/21 DWR Grant Agreement Administration
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**Professional Personnel**

	Hours	Rate	Amount	
Planner 3				
Martien, Lindsay	13.50	217.00	2,929.50	
Project Manager 2				
Van Lienden, Brian	4.00	273.00	1,092.00	
Totals	17.50		4,021.50	
<b>Labor Total</b>				<b>4,021.50</b>
				<b>Total this Phase</b>
				<b>\$4,021.50</b>

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Phase	035	FY 20/21 Preparation for Grant Application
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**Professional Personnel**

	Hours	Rate	Amount	
Project Manager 2				
Van Lienden, Brian	6.50	273.00	1,774.50	
Totals	6.50		1,774.50	
<b>Labor Total</b>				<b>1,774.50</b>
				<b>Total this Phase</b>
				<b>\$1,774.50</b>

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Phase	036	FY 20/21 Indirect and Induced Economic Impacts Analysis
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**Professional Personnel**

	Hours	Rate	Amount	
Project Manager 2				
Van Lienden, Brian	9.00	273.00	2,457.00	
Totals	9.00		2,457.00	
<b>Labor Total</b>				<b>2,457.00</b>

**Consultant**

Sub - Consultant Miscellaneous				
11/27/2020	ERA Economics, LLC	ERA Econ Inv# WC20a.04	9,732.50	
	<b>Consultant Total</b>	<b>1.1 times</b>	<b>9,732.50</b>	<b>10,705.75</b>
				<b>Total this Phase</b>
				<b>\$13,162.75</b>

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Phase	037	FY 20/21 Develop Strategy for Update/Refinement of Cuyama Basin GW Model
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**Professional Personnel**

	Hours	Rate	Amount	
Project Manager 2				
Van Lienden, Brian	5.00	273.00	1,365.00	
Senior Technical Practice Leader				
Taghavi, Ali	1.00	315.00	315.00	
Totals	6.00		1,680.00	
<b>Labor Total</b>				<b>1,680.00</b>
				<b>Total this Phase</b>
				<b>\$1,680.00</b>
				<b>Total this Invoice</b>
				<b>\$46,416.17</b>

**Outstanding Invoices**

<b>Number</b>	<b>Date</b>	<b>Balance</b>
184012	12/9/2020	62,976.75
<b>Total</b>		<b>62,976.75</b>

	<b>Current Fee</b>	<b>Previous Fee</b>	<b>Total</b>
<b>Project Summary</b>	46,416.17	2,609,150.86	2,655,567.03

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

Brian Van Lienden  
Project Manager  
Woodard & Curran



## Progress Report

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### Cuyama Basin Groundwater Sustainability Plan Development

**Subject:** November 2020 Progress Report

Jim Beck, Executive Director,

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

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

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

**Date:** December 23, 2020

**Project No.:** 0011078.01

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This progress report summarizes the work performed and project status for the period of October 31, 2020 through November 27, 2020 on the Cuyama Basin Groundwater Sustainability Plan Development project. The work associated with this invoice was performed in accordance with our Consulting Services Agreement dated December 6, 2017, and with Task Order 5, issued by the CBGSA on June 6, 2018, Task Order 6, issued by the CBGSA on August 7, 2019, Task Order 7, issued by the CBGSA on December 4, 2019, and Task order 8, issued by the CBGSA on June 25, 2020. Note that Task Orders 1, 2, 3 and 4 were already 100% spent as of the beginning of this reporting period.

The progress report contains the following sections:

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

### 1 Work Performed

A summary of work performed on the project during the current reporting period is provided in Tables 1, 2, 3 and 4 below. Table 1 shows work performed under Task Orders 2 and 4, which include tasks identified in the Category 2 grant from the California Department of Water Resources (DWR). Table 2 shows work performed under Task Orders 3 and 5, which includes tasks identified in the Category 1 grant from DWR. Table 3 shows work performed under Task Order 6. Table 4 shows work under Task Order 7. Table 5 shows work under Task Order 8.

**Table 1: Summary of Task/Deliverables Status for Category 2 Tasks (Task Orders 2 and 4)**

<b>Task</b>	<b>Work Completed During the Reporting Period</b>	<b>Percent Complete</b>	<b>Work Scheduled for Next Period</b>
<b>Task 1: Initiate Work Plan for GSP and Stakeholder Engagement Strategy Development</b>	<ul style="list-style-type: none"> <li>Task 1 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 1 is completed; no further work is anticipated</li> </ul>
<b>Task 2: Data Management System, Data Collection and Analysis, and Plan Review</b>	<ul style="list-style-type: none"> <li>Task 2 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 2 is completed; no further work is anticipated</li> </ul>
<b>Task 3: Description of the Plan Area, Hydrogeologic Conceptual Model, and Groundwater Conditions</b>	<ul style="list-style-type: none"> <li>Task 3 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 3 is completed; no further work is anticipated</li> </ul>
<b>Task 4: Basin Model and Water Budget</b>	<ul style="list-style-type: none"> <li>Task 4 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 4 is completed; no further work is anticipated</li> </ul>
<b>Task 5: Establish Basin Sustainability Criteria</b>	<ul style="list-style-type: none"> <li>Task 5 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 5 is completed; no further work is anticipated</li> </ul>
<b>Task 6: Monitoring Networks</b>	<ul style="list-style-type: none"> <li>Task 6 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 6 is completed; no further work is anticipated</li> </ul>
<b>Task 7: Projects and Actions for Sustainability Goals</b>	<ul style="list-style-type: none"> <li>Task 7 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 7 is completed; no further work is anticipated</li> </ul>



Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 8. GSP Implementation</b>	<ul style="list-style-type: none"> <li>Task 8 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 8 is completed; no further work is anticipated</li> </ul>
<b>Task 9. GSP Development</b>	<ul style="list-style-type: none"> <li>Task 9 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 9 is completed; no further work is anticipated</li> </ul>
<b>Task 10: Education, Outreach and Communication</b>	<ul style="list-style-type: none"> <li>Task 10 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 10 is completed; no further work is anticipated</li> </ul>
<b>Task 11: Project Management</b>	<ul style="list-style-type: none"> <li>Task 11 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 11 is completed; no further work is anticipated</li> </ul>

Table 2: Summary of Task/Deliverables Status for Category 1 Tasks (Task Orders 3 and 5)

Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 12: Groundwater Monitoring Well Network Expansion</b>	<ul style="list-style-type: none"> <li>Identification of partners and discussions with landowners for groundwater well monitoring equipment installation</li> </ul>	87%	<ul style="list-style-type: none"> <li>This task is expected to be completed during Q3 of FY 2020-21.</li> </ul>
<b>Task 13: Evapotranspiration Evaluation for Cuyama Basin Region</b>	<ul style="list-style-type: none"> <li>Task 13 is completed. No work was performed on Task 13 during this period.</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 13 is completed; no further work is anticipated</li> </ul>
<b>Task 14: Surface Water Monitoring Program</b>	<ul style="list-style-type: none"> <li>Worked with USGS to prepare documentation and agreements for gage installation</li> </ul>	55%	<ul style="list-style-type: none"> <li>This task is expected to be completed during Q3 of FY 2020-21.</li> </ul>
<b>Task 15: Category 1 Project Management</b>	<ul style="list-style-type: none"> <li>Ongoing project management and grant administration activities</li> </ul>	98%	<ul style="list-style-type: none"> <li>Ongoing project management and grant administration activities</li> </ul>

Table 3: Summary of Task/Deliverables Status for Task Order 6

Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 16: Finalize GSP Development</b>	<ul style="list-style-type: none"> <li>Task 16 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 16 is completed; no further work is anticipated</li> </ul>
<b>Task 17: Stakeholder &amp; Board Engagement</b>	<ul style="list-style-type: none"> <li>Task 17 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 17 is completed; no further work is anticipated.</li> </ul>
<b>Task 18: Outreach Support</b>	<ul style="list-style-type: none"> <li>Task 18 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 18 is completed; no further work is anticipated.</li> </ul>
<b>Task 19: Support for DWR Technical Support Services</b>	<ul style="list-style-type: none"> <li>Task 19 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 19 is completed; no further work is anticipated.</li> </ul>
<b>Task 20: Prepare SGM Planning Grant Application</b>	<ul style="list-style-type: none"> <li>Task 20 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 20 is completed; no further work is anticipated</li> </ul>
<b>Task 21: Development of a CBGSA Fee Structure</b>	<ul style="list-style-type: none"> <li>Task 21 is completed; no work was undertaken on this task during this reporting period</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 21 is completed; no further work is anticipated</li> </ul>

**Table 4: Summary of Task/Deliverables Status for Task Order 7**

Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 22: Stakeholder &amp; Board Engagement</b>	<ul style="list-style-type: none"> <li>Task 22 is completed. No work was performed on Task 22 during this period.</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 22 is completed; no further work is anticipated. Further work will be performed under Task 28.</li> </ul>
<b>Task 23: Outreach Support</b>	<ul style="list-style-type: none"> <li>Task 23 is completed. No work was performed on Task 23 during this period.</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 23 is completed; no further work is anticipated. Further work will be performed under a new task in Task Order 29.</li> </ul>

Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 24: Support for DWR Technical Support Services</b>	<ul style="list-style-type: none"> <li>Task 24 is completed. No work was performed on Task 24 during this period.</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 24 is completed; no further work is anticipated. Further work will be performed under a new task in Task Order 30.</li> </ul>
<b>Task 25: Cuyama Basin GSP Implementation Support</b>	<ul style="list-style-type: none"> <li>Task 25 is completed. No work was performed on Task 25 during this period.</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 25 is completed; no further work is anticipated. Further work will be performed under a new task in Task Order 31.</li> </ul>
<b>Task 26: Development of Management Area Policies and Guidelines</b>	<ul style="list-style-type: none"> <li>Task 26 is completed. No work was performed on Task 26 during this period.</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 26 is completed; no further work is anticipated.</li> </ul>
<b>Task 27: Support for Determining a Funding Mechanism for FY 20-21</b>	<ul style="list-style-type: none"> <li>Task 27 is completed. No work was performed on Task 27 during this period.</li> </ul>	100%	<ul style="list-style-type: none"> <li>Task 27 is completed; no further work is anticipated.</li> </ul>

**Table 5: Summary of Task/Deliverables Status for Task Order 8**

Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 28: FY21 Stakeholder &amp; Board Engagement</b>	<ul style="list-style-type: none"> <li>Prepare materials for October/November and participation in Nov 4 SAC meeting</li> <li>Participation in ad-hoc calls</li> </ul>	35%	<ul style="list-style-type: none"> <li>Participation in future ad-hoc calls</li> <li>Preparation for and participation in future CBGSA Board and SAC meetings</li> </ul>
<b>Task 29: FY21 Outreach Support</b>	<ul style="list-style-type: none"> <li>Ongoing stakeholder outreach activities related to GSP implementation</li> </ul>	20%	<ul style="list-style-type: none"> <li>Ongoing stakeholder outreach activities related to GSP implementation</li> </ul>

Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 30: FY21 Support for DWR Technical Support Services</b>	<ul style="list-style-type: none"> <li>• Coordination with DWR related to TSS well installation</li> </ul>	6%	<ul style="list-style-type: none"> <li>• Continued TSS well support and permitting</li> </ul>
<b>Task 31: FY21 Cuyama Basin GSP Implementation Support</b>	<ul style="list-style-type: none"> <li>• Data organization and DMS updates</li> <li>• Monitoring implementation support and development of monitoring reporting documentation</li> <li>• Data requests related to development of GSP Annual Report</li> </ul>	20%	<ul style="list-style-type: none"> <li>• Continued monitoring implementation support</li> <li>• DMS updates and data integration</li> <li>• Prepare materials for Ad-hoc discussions on GDEs and Cuyama Basin model updates</li> </ul>
<b>Task 32: FY21 Development of Management Area Administration</b>	<ul style="list-style-type: none"> <li>• No work was performed on Task 32 during this period</li> </ul>	0%	<ul style="list-style-type: none"> <li>• Additional support as requested by the CBGSA</li> </ul>
<b>Task 33: FY21 Support for Determining a Funding Mechanism</b>	<ul style="list-style-type: none"> <li>• No work was performed on Task 33 during this period</li> </ul>	0%	<ul style="list-style-type: none"> <li>• Additional support as requested by the CBGSA</li> </ul>
<b>Task 34: FY21 DWR Grant Agreement Administration</b>	<ul style="list-style-type: none"> <li>• Ongoing grant agreement administration</li> <li>• Grant scheduling</li> </ul>	52%	<ul style="list-style-type: none"> <li>• Continued grant agreement administration</li> </ul>
<b>Task 35: FY21 Preparation of Grant Application</b>	<ul style="list-style-type: none"> <li>• Work with Ad-hoc and discussions with DWR staff to identify grant components</li> </ul>	10%	<ul style="list-style-type: none"> <li>• Development of a grant application and submittal to DWR</li> </ul>
<b>Task 36: FY21 Indirect and Induced Economic Impacts Analysis</b>	<ul style="list-style-type: none"> <li>• Data compilation and model setup for economics analysis by ERA Economics</li> <li>• Outreach meetings to support development of economic analysis</li> </ul>	70%	<ul style="list-style-type: none"> <li>• Continued outreach to Basin business owners regarding economics model assumptions and continued economic model development</li> </ul>

Task	Work Completed During the Reporting Period	Percent Complete	Work Scheduled for Next Period
<b>Task 37: FY21 Develop Strategy for Update/Refinement of Cuyama Basin GW Model</b>	<ul style="list-style-type: none"> <li>Refinement of draft approaches for Cuyama Basin model updates</li> </ul>	22%	<ul style="list-style-type: none"> <li>Prioritization of model refinement approaches</li> <li>Work with Board ad-hoc and Technical Forum members to review and refine model refinement strategy</li> </ul>

## 2 Budget Status

Table 6 shows the percent spent for each task under Task Order 1. 100% of the available Task Order 1 budget has been expended (\$321,135.00 out of \$321,135).

Table 6: Budget Status for Task Order 1

Task	Total Budget	Spent Previously	Spent this Period	Total Spent to Date	Budget Remaining	% Spent to Date
1	\$ 35,768.00	\$ 35,755.53	\$ -	\$ 35,755.53	\$ 12.47	100%
2	\$ 61,413.00	\$ 61,413.00	\$ -	\$ 61,413.00	\$ -	100%
3	\$ 45,766.00	\$ 45,766.00	\$ -	\$ 45,766.00	\$ -	100%
4	\$ 110,724.00	\$ 110,724.00	\$ -	\$ 110,724.00	\$ -	100%
5	\$ -	\$ -	\$ -	\$ -	\$ -	n/a
6	\$ -	\$ -	\$ -	\$ -	\$ -	n/a
7	\$ 12,120.00	\$ 12,120.00	\$ -	\$ 12,120.00	\$ -	100%
8	\$ -	\$ -	\$ -	\$ -	\$ -	n/a
9	\$ -	\$ -	\$ -	\$ -	\$ -	n/a
10	\$ 45,420.00	\$ 45,432.47	\$ -	\$ 45,432.47	\$ (12.47)	100%
11	\$ 9,924.00	\$ 9,924.00	\$ -	\$ 9,924.00	\$ -	100%
<b>Total</b>	<b>\$ 321,135.00</b>	<b>\$ 321,135.00</b>	<b>\$ -</b>	<b>\$ 321,135.00</b>	<b>\$ -</b>	<b>100%</b>

Table 7 shows the percent spent for each task under Task Order 2. 100% of the available Task Order 2 budget has been expended (\$399,469.00 out of \$399,469).

**Table 7: Budget Status for Task Order 2**

Task	Total Budget	Spent Previously	Spent this Period	Total Spent to Date	Budget Remaining	% Spent to Date
1	\$ -	\$ -	\$ -	\$ -	\$ -	n/a
2	\$ 48,457.00	\$ 48,458.00	\$ -	\$ 48,458.00	\$ (1.00)	100%
3	\$ 24,182.00	\$ 24,182.00	\$ -	\$ 24,182.00	\$ -	100%
4	\$ 103,880.00	\$ 103,880.00	\$ -	\$ 103,880.00	\$ -	100%
5	\$ 60,676.00	\$ 60,676.00	\$ -	\$ 60,676.00	\$ -	100%
6	\$ 65,256.00	\$ 65,255.00	\$ -	\$ 65,255.00	\$ 1.00	100%
7	\$ 36,402.00	\$ 36,402.00	\$ -	\$ 36,402.00	\$ -	100%
8	\$ -	\$ -	\$ -	\$ -	\$ -	n/a
9	\$ -	\$ -	\$ -	\$ -	\$ -	n/a
10	\$ 45,420.00	\$ 45,420.00	\$ -	\$ 45,420.00	\$ -	100%
11	\$ 15,196.00	\$ 15,196.00	\$ -	\$ 15,196.00	\$ -	100%
<b>Total</b>	<b>\$ 399,469.00</b>	<b>\$ 399,469.00</b>	<b>\$ -</b>	<b>\$ 399,469.00</b>	<b>\$ -</b>	<b>100%</b>

Table 8 shows the percent spent for each task under Task Order 3. 100% of the available Task Order 3 budget has been expended (\$188,238.00 out of \$188,238).

**Table 8: Budget Status for Task Order 3**

Task	Total Budget	Spent Previously	Spent this Period	Total Spent to Date	Budget Remaining	% Spent to Date
12	\$ 53,244.00	\$ 53,244.00	\$ -	\$ 53,244.00	\$ -	100%
13	\$ 69,706.00	\$ 69,706.00	\$ -	\$ 69,706.00	\$ -	100%
14	\$ 53,342.00	\$ 53,342.00	\$ -	\$ 53,342.00	\$ -	100%
15	\$ 11,946.00	\$ 11,946.00	\$ -	\$ 11,946.00	\$ -	100%
<b>Total</b>	<b>\$ 188,238.00</b>	<b>\$ 188,238.00</b>	<b>\$ -</b>	<b>\$ 188,238.00</b>	<b>\$ -</b>	<b>100%</b>

Table 9 shows the percent spent for each task under Task Order 4. 100% of the available Task Order 4 budget has been expended (\$764,394.14 out of \$764,396).

**Table 9: Budget Status for Task Order 4**

Task	Total Budget	Spent Previously	Amount Invoiced This Month	Total Spent to Date	Budget Remaining	% Spent to Date
1	\$ -	\$ -	\$ -	\$ -	\$ -	n/a
2	\$ 24,780.00	\$ 24,793.50	\$ -	\$ 24,793.50	\$ (13.50)	100%
3	\$ 26,912.00	\$ 26,894.00	\$ -	\$ 26,894.00	\$ 18.00	100%
4	\$ 280,196.00	\$ 280,190.26	\$ -	\$ 280,190.26	\$ 5.74	100%
5	\$ 47,698.00	\$ 47,641.88	\$ -	\$ 47,641.88	\$ 56.12	100%
6	\$ -	\$ -	\$ -	\$ -	\$ -	n/a
7	\$ 117,010.00	\$ 117,009.20	\$ -	\$ 117,009.20	\$ 0.80	100%
8	\$ 69,780.00	\$ 69,831.25	\$ -	\$ 69,831.25	\$ (51.25)	100%
9	\$ 91,132.00	\$ 91,567.49	\$ -	\$ 91,567.49	\$ (435.49)	100%
10	\$ 70,236.00	\$ 69,766.10	\$ -	\$ 69,766.10	\$ 469.90	100%
11	\$ 36,652.00	\$ 36,700.46	\$ -	\$ 36,700.46	\$ (48.46)	100%
<b>Total</b>	<b>\$ 764,396.00</b>	<b>\$ 764,394.14</b>	<b>\$ -</b>	<b>\$ 764,394.14</b>	<b>\$ 1.86</b>	<b>100%</b>

Table 10 shows the percent spent for each task under Task Order 5 as of November 27, 2020. 67% of the available Task Order 5 budget has been expended (\$309,739.16 out of \$459,886).

**Table 10: Budget Status for Task Order 5**

Task	Total Budget	Spent Previously	Spent this Period	Total Spent to Date	Budget Remaining	% Spent to Date
12	\$196,208.00	\$158,347.82	\$5,399.20	\$163,747.02	\$32,460.98	83%
13	\$24,950.00	\$24,933.01	\$0.00	\$24,933.01	\$16.99	100%
14	\$204,906.00	\$87,881.58	\$273.00	\$88,154.58	\$116,751.42	43%
15	\$33,822.00	\$32,904.55	\$0.00	\$32,904.55	\$917.45	97%
<b>Total</b>	<b>\$459,886.00</b>	<b>\$304,066.96</b>	<b>\$5,672.20</b>	<b>\$309,739.16</b>	<b>\$150,146.84</b>	<b>67%</b>

Table 11 shows the percent spent for each task under Task Order 6. 96% of the available Task Order 6 budget has been expended (\$344,372.37 out of \$357,405). Work on Task Order 6 is completed.

**Table 11: Budget Status for Task Order 6**

Task	Total Budget	Spent Previously	Spent this Period	Total Spent to Date	Budget Remaining	% Spent to Date
16	\$195,658.00	\$195,630.29	\$0.00	\$195,630.29	\$27.71	100%
17	\$57,406.00	\$57,379.17	\$0.00	\$57,379.17	\$26.83	100%
18	\$12,901.00	\$12,929.91	\$0.00	\$12,929.91	(\$28.91)	100%
19	\$18,848.00	\$18,835.50	\$0.00	\$18,835.50	\$12.50	100%
20	\$40,032.00	\$40,007.00	\$0.00	\$40,007.00	\$25.00	100%
21	\$32,560.00	\$19,590.50	\$0.00	\$19,590.50	\$12,969.50	60%
<b>Total</b>	<b>\$357,405.00</b>	<b>\$344,372.37</b>	<b>\$0.00</b>	<b>\$344,372.37</b>	<b>\$13,032.63</b>	<b>96%</b>

Table 12 shows the percent spent for each task under Task Order 7. 59% of the available Task Order 7 budget has been expended (\$160,318.09 out of \$273,655.00). Work on Task Order 7 is completed.

**Table 12: Budget Status for Task Order 7**

Task	Total Budget	Spent Previously	Spent this Period	Total Spent to Date	Budget Remaining	% Spent to Date
22	\$29,262.00	\$8,736.00	\$0.00	\$8,736.00	\$20,526.00	30%
23	\$12,901.00	\$7,571.88	\$0.00	\$7,571.88	\$5,329.12	59%
24	\$18,848.00	\$15,301.46	\$0.00	\$15,301.46	\$3,546.54	81%
25	\$160,028.00	\$120,728.75	\$0.00	\$120,728.75	\$39,299.25	75%
26	\$49,608.00	\$4,977.00	\$0.00	\$4,977.00	\$44,631.00	10%
27	\$3,008.00	\$3,003.00	\$0.00	\$3,003.00	\$5.00	100%
<b>Total</b>	<b>\$273,655.00</b>	<b>\$160,318.09</b>	<b>\$0.00</b>	<b>\$160,318.09</b>	<b>\$113,336.91</b>	<b>59%</b>

Table 13 shows the percent spent for each task under Task Order 8 as of November 27, 2020. 23% of the available Task Order 8 budget has been expended (\$167,901.27 out of \$739,525.00).



**Table 13: Budget Status for Task Order 8**

<b>Task</b>	<b>Total Budget</b>	<b>Spent Previously</b>	<b>Spent this Period</b>	<b>Total Spent to Date</b>	<b>Budget Remaining</b>	<b>% Spent to Date</b>
<b>28</b>	\$90,052.00	\$12,875.50	\$3,376.47	\$16,251.97	\$73,800.03	18%
<b>29</b>	\$18,057.00	\$3,144.63	\$90.75	\$3,235.38	\$14,821.62	18%
<b>30</b>	\$32,192.00	\$1,774.50	\$136.50	\$1,911.00	\$30,281.00	6%
<b>31</b>	\$330,160.00	\$31,713.00	\$16,501.50	\$48,214.50	\$281,945.50	15%
<b>32</b>	\$22,584.00	\$0.00	\$0.00	\$0.00	\$22,584.00	0%
<b>33</b>	\$25,076.00	\$0.00	\$0.00	\$0.00	\$25,076.00	0%
<b>34</b>	\$50,020.00	\$21,335.54	\$4,021.50	\$25,357.04	\$24,662.96	51%
<b>35</b>	\$40,400.00	\$955.50	\$1,774.50	\$2,730.00	\$37,670.00	7%
<b>36</b>	\$90,000.00	\$48,581.63	\$13,162.75	\$61,744.38	\$28,255.62	69%
<b>37</b>	\$40,984.00	\$6,777.00	\$1,680.00	\$8,457.00	\$32,527.00	21%
<b>Total</b>	<b>\$739,525.00</b>	<b>\$127,157.30</b>	<b>\$40,743.97</b>	<b>\$167,901.27</b>	<b>\$571,623.73</b>	<b>23%</b>

### **3 Schedule Status**

The project is on schedule. Work authorized under Task Orders 1, 2, 3, 4, 6 and 7 are complete.

### **4 Outstanding Issues to be Coordinated**

None

**KLEIN, DENATALE, GOLDNER  
COOPER, ROSENLIEB & KIMBALL, LLP**

50

4550 CALIFORNIA AVENUE  
SECOND FLOOR  
BAKERSFIELD, CA 93309

MAILING ADDRESS:  
P.O. BOX 11172  
BAKERSFIELD, CA 93389-1172  
**(661) 395-1000**  
FAX (661) 326-0418  
E-MAIL accounting@kleinlaw.com

CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY  
C/O HALLMARK GROUP  
\*\*\*\*\*EMAIL INVOICES\*\*\*\*\*

October 30, 2020  
**Bill No. 22930-001-163865**  
JDH

Statement for Period through October 19, 2020

Re: 22930 - CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY  
001 GENERAL BUSINESS

<b>Date</b>		<b>Services</b>	<b>Hours</b>	<b>Amount</b>
10/12/20	AND	REVIEWED SGMA PROVISIONS REGARDING ENFORCEMENT OF GROUNDWATER EXTRACTION FEES.	0.40	60.00
10/12/20	AND	REVIEWED SGMA PROVISIONS REGARDING POWER TO PENALIZE FOR LACK OF PAYMENT OF FEES.	0.30	45.00
10/12/20	AND	CONFERENCE CALL WITH T. BLAKSLEE AND J. BECK REGARDING GROUNDWATER EXTRACTION FEE PROCESS.	0.60	90.00
10/12/20	AND	E-MAILED S. POPE REGARDING CLOSED SESSION ITEM AND LETTER TO NON-REPORTING WATER USERS.	0.10	15.00
10/12/20	AND	RESEARCHED CLOSED SESSION LANGUAGE FOR POTENTIAL LITIGATION.	0.30	45.00
10/12/20	JDH	TELEPHONE CONFERENCE WITH D. YUROSEK, J. BECK, AND T. BLAKSLEE.	0.60	177.00
10/13/20	AND	DRAFTED AGENDA LANGUAGE FOR CLOSED SESSION ITEM.	0.20	30.00
10/13/20	AND	E-MAILED J. HUGHES REGARDING LANGUAGE FOR CLOSED SESSION ITEM.	0.20	30.00
10/13/20	AND	RESEARCHED BROWN ACT REGARDING CLOSED SESSION LANGUAGE.	0.10	15.00
10/13/20	AND	E-MAILED J. HUGHES REGARDING LANGUAGE FOR CLOSED SESSION ITEM.	0.10	15.00

**PAYMENT DUE UPON RECEIPT**  
PLEASE REFER TO BILL NUMBER LOCATED BENEATH STATEMENT DATE WHEN SUBMITTING PAYMENT  
TO ENSURE PROPER CREDIT.  
A FINANCE CHARGE OF 1 1/2% PER MONTH (18% ANNUALLY) WILL BE CHARGED ON ALL BALANCES OVER 30 DAYS.  
**FEDERAL I.D. NO. 95-2298220**

**PAYMENT MAY BE MADE BY WIRE TO:**  
BANK OF AMERICA, 5021 CALIFORNIA AVENUE, BAKERSFIELD, CA 93309  
ACCOUNT NO. 001499407875  
ABA NO. 121000358

**KLEIN, DENATALE, GOLDNER,  
COOPER, ROSENLIEB & KIMBALL, LLP**

**Bill No. 22930-001-163865**

**October 30, 2020**

**Page 2**

Client Ref: 22930 - 001

<b>Date</b>		<b>Services</b>	<b>Hours</b>	<b>Amount</b>
10/14/20	AND	E-MAILED T. BLAKSLEE AND S. POPE REGARDING LANGUAGE FOR CLOSED SESSION ITEM.	0.10	15.00
10/14/20	AND	DRAFTED LETTER TO NON-REPORTING WATER USERS.	0.60	90.00
10/14/20	AND	E-MAILED J. HUGHES REGARDING LETTER TO NON-REPORTING WATER USERS.	0.10	15.00
10/16/20	JDH	REVIEWED AND REVISED DRAFT LETTER TO NON-REPORTING LANDOWNERS.	0.30	88.50
10/19/20	AND	REVIEWED FINAL LETTER TO NON-REPORTING WATER USERS.	0.20	30.00
10/19/20	AND	E-MAILED T. BLAKSLEE AND S. POPE REGARDING FINAL LETTER TO NON-REPORTING WATER USERS.	0.10	15.00

		<b>Rate</b>	<b>Hours</b>	<b>Amount</b>
AND	DOMINGUEZ, ALEX	150.00	3.40	510.00
JDH	HUGHES, JOSEPH	295.00	0.90	265.50
<b>Total Fees</b>				<b>\$775.50</b>

**Current Charges** \$775.50

Prior Statement Balance 4,675.00

Payments/Adjustments Since Last Bill -0.00

**Pay This Amount** \$5,450.50

Any Payments Received After October 30, 2020 Will Appear on Your Next Statement

**PAYMENT DUE UPON RECEIPT**

PLEASE REFER TO BILL NUMBER LOCATED BENEATH STATEMENT DATE WHEN SUBMITTING PAYMENT TO ENSURE PROPER CREDIT.

A FINANCE CHARGE OF 1 1/2% PER MONTH (18% ANNUALLY) WILL BE CHARGED ON ALL BALANCES OVER 30 DAYS.

**FEDERAL I.D. NO. 95-2298220**

**PAYMENT MAY BE MADE BY WIRE TO:**

BANK OF AMERICA, 5021 CALIFORNIA AVENUE, BAKERSFIELD, CA 93309

ACCOUNT NO. 001499407875

ABA NO. 121000358

November 20, 2020

CUYAMA BASIN GROUNDWATER SUSTAINABILITY  
C/O HALLMARK GROUP  
\*\*\*\*\*EMAIL INVOICES\*\*\*\*\*

Invoice No. 1165308  
Client No. 22930  
Matter No. 001  
Billing Attorney: JDH

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**INVOICE SUMMARY**

**For Professional Services Rendered for the Period Ending: November 19, 2020.**

**RE: CUYAMA BASIN GROUNDWATER SUSTAINABILITY**

Professional Services	\$ 3,439.50
Costs Advanced	<u>\$ .00</u>
<b>TOTAL THIS INVOICE</b>	<b>\$ 3,439.50</b>
Prior Balance	<u>\$ 5,450.50</u>
<b>TOTAL BALANCE DUE</b>	<b><u><u>\$ 8,890.00</u></u></b>

Invoice No. 1165308

November 20, 2020

**PROFESSIONAL SERVICES**

<b>Date</b>	<b>Init</b>	<b>Description</b>	<b>Hours</b>	<b>Amount</b>
10/23/20	AND	REVIEWED NON-DISCLOSURE AGREEMENT.	.30	45.00
10/23/20	AND	E-MAILED J. HUGHES REGARDING REVIEW OF NON-DISCLOSURE AGREEMENT.	.20	30.00
10/26/20	AND	E-MAILED T. BLAKSLEE REGARDING REVIEW OF NON DISCLOSURE AGREEMENT.	.10	15.00
10/29/20	AND	ATTENDED CUYAMA BASIN GSA SAC MEETING.	3.20	480.00
11/02/20	JDH	TELEPHONE CONFERENCE WITH B. ALBANO.	.40	118.00
11/03/20	AND	DRAFTED SUMMARY OF REMEDIES FOR FAILURE TO PAY GROUNDWATER EXTRACTION FEE.	.60	90.00
11/03/20	AND	REVIEWED REMEDIES FOR FAILURE TO PAY GROUNDWATER EXTRACTION FEE.	.20	30.00
11/03/20	AND	E-MAILED T. BLAKSLEE REGARDING CURRENT LIST OF LANDOWNERS WHO HAVE FAILED TO PAY GROUNDWATER EXTRACTION FEE.	.10	15.00
11/04/20	AND	DRAFTED SUMMARY OF REMEDIES FOR FAILURE TO PAY GROUNDWATER EXTRACTION FEE.	.40	60.00
11/04/20	AND	E-MAILED J. HUGHES SUMMARY OF REMEDIES FOR FAILURE TO PAY GROUNDWATER EXTRACTION FEE.	.10	15.00
11/04/20	AND	ATTENDED CUYAMA BASIN GSA BOARD MEETING.	4.30	645.00
11/04/20	JDH	ATTENDED NOVEMBER REGULAR BOARD MEETING.	4.50	1,327.50
11/09/20	AND	TELEPHONE CALL WITH SAN LUIS OBISPO COUNTY COUNSEL REGARDING BROWN ACT AND CLOSED SESSION.	.20	30.00
11/09/20	AND	E-MAILED C. BENNETT REGARDING LAYOUT OF COLLECTION ACTION.	.10	15.00
11/09/20	AND	DRAFTED NOTICE LETTER REGARDING FAILURE TO PAY GROUNDWATER EXTRACTION FEES.	.30	45.00
11/10/20	AND	DRAFTED NOTICE LETTER REGARDING FAILURE TO PAY GROUNDWATER EXTRACTION FEES.	.60	90.00
11/10/20	AND	EMAILED T. BLAKSLEE REGARDING DELINQUENT GROUNDWATER EXTRACTION FEES.	.10	15.00
11/10/20	AND	DRAFTED NOTICE LETTER REGARDING FAILURE TO PAY GROUNDWATER EXTRACTION FEES.	1.20	180.00
11/11/20	AND	TELEPHONE CALL WITH SAN LUIS OBISPO COUNTY COUNSEL REGARDING BROWN ACT AND CLOSED SESSION.	.10	15.00
11/12/20	AND	TELEPHONE CALL WITH SUPERVISOR LYNN COMPTON'S OFFICE REGARDING BROWN ACT AND CLOSED SESSION.	.10	15.00
11/12/20	AND	TELEPHONE CALL WITH SAN LUIS OBISPO COUNTY COUNSEL REGARDING BROWN ACT AND CLOSED SESSION.	.20	30.00
11/13/20	AND	TELEPHONE CALL WITH T. BLAKSLEE REGARDING REQUEST FROM BROWNSTIEN HYATT FARBER SCHRECK.	.10	15.00
11/13/20	AND	E-MAILED T. BLAKSLEE REGARDING REQUEST FROM BROWNSTIEN HYATT FARBER SCHRECK.	.10	15.00
11/13/20	AND	TELEPHONE CALL WITH SUPERVISOR LYNN COMPTON'S OFFICE REGARDING BROWN ACT AND CLOSED SESSION.	.10	15.00

## KLEIN DENATALE GOLDNER

Invoice No. 1165308

November 20, 2020

Date	Init	Description	Hours	Amount
11/16/20	AND	VIDEO CONFERENCE WITH J. BECK, T. BLAKSLEE, AND J. HUGHES REGARDING INFORMATION REQUEST.	.20	30.00
11/16/20	JDH	TELEPHONE CONFERENCE WITH J. BECK AND T. BLAKSLEE REGARDING REQUEST FOR EXTRACTION REPORTS.	.20	59.00

**TOTAL PROFESSIONAL SERVICES****\$ 3,439.50****SUMMARY OF PROFESSIONAL SERVICES**

Name	Init	Rate	Hours	Total
DOMINGUEZ, ALEX	AND	150.00	12.90	1,935.00
HUGHES, JOSEPH	JDH	295.00	5.10	1,504.50
<b>Total</b>			<b>18.00</b>	<b>\$ 3,439.50</b>

**TOTAL THIS INVOICE****\$ 3,439.50**

## KLEIN DENATALE GOLDNER

Invoice No. 1165308

November 20, 2020

**OUTSTANDING INVOICES**

Invoice No.	Date	Invoice Total	Payments Received	Ending Balance
161811	8/31/20	4,585.00	.00	4,585.00
162393	9/30/20	90.00	.00	90.00
163865	10/30/20	775.50	.00	775.50

PRIOR BALANCE \$ 5,450.50

Balance Due This Invoice \$ 3,439.50**TOTAL BALANCE DUE** **\$ 8,890.00****AGED ACCOUNTS RECEIVABLE**

Current - 30	31 - 60	61 - 90	91 - 120	Over 120	Total
\$ .00	\$ 775.50	\$ 90.00	\$ 4,585.00	\$ .00	\$ 5,450.50

November 20, 2020

CUYAMA BASIN GROUNDWATER SUSTAINABILITY  
C/O HALLMARK GROUP  
\*\*\*\*\*EMAIL INVOICES\*\*\*\*\*

Invoice No. 1165308  
Client No. 22930  
Matter No. 001  
Billing Attorney: JDH

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**REMITTANCE**

RE: GENERAL BUSINESS

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<b>BALANCE DUE THIS INVOICE</b>	<b>\$ 3,439.50</b>
Prior Balance	<u>\$ 5,450.50</u>
<b>TOTAL BALANCE DUE</b>	<b><u>\$ 8,890.00</u></b>

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**All checks should be made payable to:**  
(Please return this advice with payment.)

Klein, DeNatale, Goldner, Cooper,  
Rosenlieb & Kimball, LLP  
P.O. Box 11172  
Bakersfield, CA 93389-1172

**For payment by wire in USD:**  
(Please reference:  
Client-Matter No. 22930-001,  
Invoice No. 1165308)

Bank of America  
5021 California Avenue  
Bakersfield, CA 93309  
Account No. 001499407875  
ABA No. 121000358

We accept all major credit cards. If you wish to pay by credit card call Accounting at (661) 395-1000.

**DUE UPON RECEIPT**

**FEDERAL I.D. No. 95-2298220**

***Thank you! Your business is greatly appreciated.***



# DANIELLS PHILLIPS VAUGHAN & BOCK

*CPAs & Advisors*  
 300 New Stine Road  
 Bakersfield, CA 93309  
 (661) 834-7411  
 Federal Tax ID. No. 95-2972229

*Cuyama Basin Groundwater Sustainability Agency*  
 4900 California Ave, Tower B 2nd Floor  
 Bakersfield, CA 93309

Invoice No. 117592  
 Date 10/31/2020  
 Client No. 02114

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-- FINANCIAL REPORTING SERVICES --

Audit of financial statements for the year ended June 30, 2020;

	\$ 7,700.00
Previously Billed	<u>(6,000.00)</u>
Current Total	<u>\$ 1,700.00</u>

Make all checks payable to **DANIELLS PHILLIPS VAUGHAN & BOCK**  
 Pay by card online at <https://www.dpvb.com/online-payment/>

*All Accounts are due and payable upon receipt of invoice.*  
*A finance charge of 1% (12% apr) will be charged on past due accounts. Thank you.*



TO: Board of Directors  
Agenda Item No. 8

FROM: Taylor Blakslee, Hallmark Group

DATE: January 13, 2021

SUBJECT: Financial Report

**Issue**

Financial Report

**Recommended Motion**

Approve financial reports for October and November 2020.

**Discussion**

The Cuyama Basin Groundwater Sustainability Agency's financial reports for November and December of 2020 are provided as Attachment 1.

The reports include:

- Statement of Financial Position
- Receipts and Disbursements
- A/R Aging Summary
- A/P Aging Summary
- Statement of Operations with Budget Variance
- 2020/2021 Operating Budget



# **Cuyama Basin GSA**

## **Financial Statements October 2020**

**CUYAMA BASIN GSA**  
**Statement of Financial Position**  
As of October 31, 2020

	Oct 31, 20	Oct 31, 19	\$ Change	% Change
<b>ASSETS</b>				
<b>Current Assets</b>				
<b>Checking/Savings</b>				
Chase - General Checking	1,073,394	51,094	1,022,300	2,001%
<b>Total Checking/Savings</b>	1,073,394	51,094	1,022,300	2,001%
<b>Accounts Receivable</b>				
Accounts Receivable	394,109	274,931	119,177	43%
<b>Total Accounts Receivable</b>	394,109	274,931	119,177	43%
<b>Other Current Assets</b>				
Grant Retention Receivable	236,456	192,614	43,842	23%
<b>Total Other Current Assets</b>	236,456	192,614	43,842	23%
<b>Total Current Assets</b>	1,703,959	518,639	1,185,320	229%
<b>TOTAL ASSETS</b>	<b>1,703,959</b>	<b>518,639</b>	<b>1,185,320</b>	<b>229%</b>
<b>LIABILITIES &amp; EQUITY</b>				
<b>Liabilities</b>				
<b>Current Liabilities</b>				
<b>Accounts Payable</b>				
Accounts Payable	236,212	325,497	-89,285	-27%
<b>Total Accounts Payable</b>	236,212	325,497	-89,285	-27%
<b>Total Current Liabilities</b>	236,212	325,497	-89,285	-27%
<b>Total Liabilities</b>	236,212	325,497	-89,285	-27%
<b>Equity</b>				
Unrestricted Net Assets	636,105	518,924	117,181	23%
Net Income	831,641	-325,782	1,157,424	355%
<b>Total Equity</b>	1,467,747	193,142	1,274,605	660%
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>1,703,959</b>	<b>518,639</b>	<b>1,185,320</b>	<b>229%</b>

**CUYAMA BASIN GSA**  
**Receipts and Disbursements**  
**As of October 31, 2020**

Type	Date	Num	Name	Debit	Credit
<b>Chase - General Checking</b>					
Bill Pmt -Check	07/20/2020	1037	HGCPM, Inc.		40,896.65
Bill Pmt -Check	07/20/2020	1038	Klein, DeNatale, Goldner		7,325.50
Bill Pmt -Check	07/20/2020	1039	Woodard & Curran Inc		60,421.23
Check	08/25/2020	1040	Groundwater Extraction Fees:El Rancho Espanol		13.30
Check	08/25/2020	1041	Groundwater Extraction Fees:Walking "R" Ranch	0.00	
Check	08/25/2020	1042	Groundwater Extraction Fees:Holder Cattle Co, LLC		19.00
Check	08/25/2020	1043	Groundwater Extraction Fees:Cooper's Petroleum Dist, Inc		19.00
Check	08/25/2020	1044	Groundwater Extraction Fees:Navarro, Modesto	0.00	
Check	08/25/2020	1045	Groundwater Extraction Fees:Walking "R" Ranch		17.54
Check	08/25/2020	1046	Groundwater Extraction Fees:Navarro, Modesto		19.00
Bill Pmt -Check	08/25/2020	1047	HGCPM, Inc.		27,608.86
Bill Pmt -Check	08/25/2020	1048	Klein, DeNatale, Goldner		3,701.00
Bill Pmt -Check	08/25/2020	1049	Woodard & Curran Inc		34,729.38
Payment	09/04/2020	2534	Groundwater Extraction Fees:Harrington Farms	5,940.00	
Payment	09/10/2020	46673	Groundwater Extraction Fees:Feinstein Investments	7,667.00	
Payment	09/10/2020	1265	Groundwater Extraction Fees:Cuyama Mutual Water Co.	202.40	
Payment	09/10/2020	2015	Groundwater Extraction Fees:Pine Mountain Buddhist Temple	129.41	
Payment	09/10/2020	399552	Groundwater Extraction Fees:Grimmway Enterprises, Inc	347,440.27	
Payment	09/16/2020	1029	Groundwater Extraction Fees:Stone Pine Estate	176.00	
Payment	09/16/2020	78787	Groundwater Extraction Fees:H Lima Company	176.53	
Payment	09/16/2020	241	Groundwater Extraction Fees:Lucky Dog Ranch, LLC	12,498.20	
Payment	09/16/2020	3753	Groundwater Extraction Fees:Sunrise Olive Ranch, LLC	47,300.00	
Payment	09/16/2020	150337	Groundwater Extraction Fees:Kern Ridge Growers, LLC	68,553.76	
Payment	09/16/2020	8290	Groundwater Extraction Fees:JHP Global, Inc	17,226.00	
Bill Pmt -Check	09/22/2020	1050	Daniells Phillips Vaughan & Bock		4,000.00
Bill Pmt -Check	09/22/2020	1051	HGCPM, Inc.		35,923.48
Bill Pmt -Check	09/22/2020	1052	Klein, DeNatale, Goldner		2,216.20
Bill Pmt -Check	09/22/2020	1053	Woodard & Curran Inc		28,265.18
Payment	09/22/2020	309131	Groundwater Extraction Fees:Bolthouse Farms - Perkins Ranch	12,003.20	
Payment	09/22/2020	11355	Groundwater Extraction Fees:Cuyama Community Srvc Dist	3,405.32	
Payment	09/22/2020	1077	Groundwater Extraction Fees:Harrington, Roy	5,185.14	
Payment	09/22/2020	7480	Groundwater Extraction Fees:Harrington, Roy	5,185.13	
Payment	09/22/2020	2502	Groundwater Extraction Fees:Harrington, Roy	5,185.13	
Payment	09/22/2020	101767	Groundwater Extraction Fees:Sunridge Nurseries, Inc	16,016.00	
Payment	09/22/2020	1807	Groundwater Extraction Fees:Tri-County Pistachios	41,441.40	
Payment	09/25/2020	5654	Groundwater Extraction Fees:Pal Ranch, Inc	462.00	
Payment	09/25/2020	17706	Groundwater Extraction Fees:Triangle E. Farms	34,211.90	
Payment	09/30/2020	482101	Groundwater Extraction Fees:E & B Natural Resources Mgmt Corp	969.76	
Payment	09/30/2020	2773	Groundwater Extraction Fees:Russell, Jubel	119.24	
Payment	10/07/2020	001348	Groundwater Extraction Fees:Brodiaea, Inc	30,922.76	
Payment	10/07/2020	309546	Groundwater Extraction Fees:Bolthouse Farms	247,670.72	
Payment	10/07/2020	49812	Groundwater Extraction Fees:Cuyama Dairy Farm	21,799.80	
Payment	10/14/2020	20111	Groundwater Extraction Fees:Apache Canyon Ranch, Inc	14,252.92	
Payment	10/21/2020	42394	Groundwater Extraction Fees:El Rancho Espanol	144.76	
Total Chase - General Checking				946,284.75	245,175.32
<b>TOTAL</b>				<b>946,284.75</b>	<b>245,175.32</b>

**CUYAMA BASIN GSA  
A/R Aging Summary  
As of October 31, 2020**

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	<u>Current</u>	<u>1 - 30</u>	<u>31 - 60</u>	<u>61 - 90</u>	<u>&gt; 90</u>	<u>TOTAL</u>
Department of Water Resources	0	0	133,219	0	214,671	347,890
Groundwater Extraction Fees						
Cuyama Orchards, Inc	3,865	0	0	38,653	0	42,518
Lewis, David	0	45	0	450	0	495
The Ranch	0	0	0	3,206	0	3,206
<b>Total Groundwater Extraction Fees</b>	<u>3,865</u>	<u>45</u>	<u>0</u>	<u>42,309</u>	<u>0</u>	<u>46,219</u>
<b>TOTAL</b>	<u><b>3,865</b></u>	<u><b>45</b></u>	<u><b>133,219</b></u>	<u><b>42,309</b></u>	<u><b>214,671</b></u>	<u><b>394,109</b></u>

**CUYAMA BASIN GSA  
A/P Aging Summary  
As of October 31, 2020**

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	<u>Current</u>	<u>1 - 30</u>	<u>31 - 60</u>	<u>61 - 90</u>	<u>&gt; 90</u>	<u>TOTAL</u>
Daniels Phillips Vaughan & Bock	1,700	0	2,000	0	0	3,700
HGCPM, Inc.	37,199	0	29,075	35,869	0	102,143
Klein, DeNatale, Goldner	776	0	90	4,585	0	5,451
Woodard & Curran Inc	62,977	0	42,298	19,644	0	124,919
<b>TOTAL</b>	<b><u>102,651</u></b>	<b><u>0</u></b>	<b><u>73,463</u></b>	<b><u>60,098</u></b>	<b><u>0</u></b>	<b><u>236,212</u></b>

**CUYAMA BASIN GSA**  
**Statement of Operations with Budget Variance**  
 July through October 2020

	Jul - Oct 20	Budget	\$ Over Budget	% of Budget
<b>Ordinary Income/Expense</b>				
<b>Income</b>				
Participant Contributions				
Refunded Assessments	0	-357,813	357,813	0%
<b>Total Participant Contributions</b>	<b>0</b>	<b>-357,813</b>	<b>357,813</b>	<b>0%</b>
Direct Public Funds				
Grants	148,021	281,250	-133,229	53%
Groundwater Extraction Fees	986,328	1,115,691	-129,363	88%
GWE Late Fees	3,910			
<b>Total Direct Public Funds</b>	<b>1,138,258</b>	<b>1,396,941</b>	<b>-258,683</b>	<b>81%</b>
<b>Total Income</b>	<b>1,138,258</b>	<b>1,039,128</b>	<b>99,130</b>	<b>110%</b>
<b>Cost of Goods Sold</b>				
Program Expenses				
Technical Consulting				
Technical Support - CAT 1	13,451	43,990	-30,539	31%
GSP Implementation - W&C	52,021	103,640	-51,619	50%
GSP Implementation - P&P	49,910	65,800	-15,890	76%
Indirect Economic Analysis	48,582	45,000	3,582	108%
Technical Support for DWR	0	10,752	-10,752	0%
Stakeholder Engagement	12,876	30,012	-17,137	43%
Outreach	3,145	6,017	-2,872	52%
Grant Administration	22,291	16,660	5,631	134%
Management Area Costs	819	12,936	-12,117	6%
<b>Total Technical Consulting</b>	<b>203,094</b>	<b>334,807</b>	<b>-131,713</b>	<b>61%</b>
<b>Total Program Expenses</b>	<b>203,094</b>	<b>334,807</b>	<b>-131,713</b>	<b>61%</b>
<b>Total COGS</b>	<b>203,094</b>	<b>334,807</b>	<b>-131,713</b>	<b>61%</b>
<b>Gross Profit</b>	<b>935,165</b>	<b>704,321</b>	<b>230,844</b>	<b>133%</b>
<b>Expense</b>				
General and Administrative				
GSA Executive Director				
GSA BOD Meetings	22,619	17,300	5,319	131%
Consult Mgmt and GSP Devel	24,675	13,600	11,075	181%
Financial Information Coord	23,056	5,818	17,238	396%
CBGSA Outreach	3,500	2,980	520	117%
Funding Process (GWE Fee)	10,625	6,290	4,335	169%
Management Area Admin	75	4,746	-4,671	2%
Support for DWR/Public Comments	0	400	-400	0%
Travel and Direct Costs	3,607	775	2,832	465%
<b>Total GSA Executive Director</b>	<b>88,157</b>	<b>51,909</b>	<b>36,248</b>	<b>170%</b>
Other Administrative				
Auditing/Accounting Fees	7,700	12,000	-4,300	64%
Legal	7,667	20,000	-12,333	38%
<b>Total Other Administrative</b>	<b>15,367</b>	<b>32,000</b>	<b>-16,633</b>	<b>48%</b>
<b>Total General and Administrative</b>	<b>103,523</b>	<b>83,909</b>	<b>19,614</b>	<b>123%</b>
<b>Total Expense</b>	<b>103,523</b>	<b>83,909</b>	<b>19,614</b>	<b>123%</b>
<b>Net Ordinary Income</b>	<b>831,641</b>	<b>620,412</b>	<b>211,229</b>	<b>134%</b>
<b>Net Income</b>	<b>831,641</b>	<b>620,412</b>	<b>211,229</b>	<b>134%</b>



**CUYAMA BASIN GSA**  
**2020/2021 Operating Budget**  
 July 2020 through June 2021

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	Jul '20 - Jun 21
<b>Ordinary Income/Expense</b>	
<b>Income</b>	
Participant Contributions	
Refunded Assessments	-357,813
<b>Total Participant Contributions</b>	-357,813
Direct Public Funds	
Grants	867,907
Groundwater Extraction Fees	1,115,691
<b>Total Direct Public Funds</b>	1,983,598
<b>Total Income</b>	1,625,785
<b>Cost of Goods Sold</b>	
<b>Program Expenses</b>	
Technical Consulting	
Technical Support - CAT 1	175,961
GSP Implementation - W&C	310,912
GSP Implementation - P&P	224,950
Indirect Economic Analysis	90,000
Technical Support for DWR	32,192
Support for Funding Mechanism	25,076
Stakeholder Engagement	90,052
Outreach	18,057
Grant Administration	50,020
Management Area Costs	38,816
<b>Total Technical Consulting</b>	1,056,036
<b>Total Program Expenses</b>	1,056,036
<b>Total COGS</b>	1,056,036
<b>Gross Profit</b>	569,749
<b>Expense</b>	
General and Administrative	
GSA Executive Director	
GSA BOD Meetings	51,900
Consult Mgmt and GSP Devel	40,800
Financial Information Coor	17,450
CBGSA Outreach	8,900
Funding Process (GWE Fee)	18,850
Management Area Admin	14,250
Support for DWR/Public Comments	1,200
Travel and Direct Costs	2,335
<b>Total GSA Executive Director</b>	155,685
Other Administrative	
Grant Proposals	40,400
Auditing/Accounting Fees	12,000
General & Mgmt Liab Insurance	11,000
Legal	60,000
Other Admin Expense	200
Contingency	20,000
<b>Total Other Administrative</b>	143,600
<b>Total General and Administrative</b>	299,285
<b>Total Expense</b>	299,285
<b>Net Ordinary Income</b>	270,464
<b>Net Income</b>	270,464



# **Cuyama Basin GSA**

**Financial Statements**  
**November 2020**

**CUYAMA BASIN GSA**  
**Statement of Financial Position**  
As of November 30, 2020

	Nov 30, 20	Nov 30, 19	\$ Change	% Change
<b>ASSETS</b>				
<b>Current Assets</b>				
<b>Checking/Savings</b>				
Chase - General Checking	940,328	50,999	889,329	1,744%
<b>Total Checking/Savings</b>	940,328	50,999	889,329	1,744%
<b>Accounts Receivable</b>				
Accounts Receivable	394,001	306,047	87,953	29%
<b>Total Accounts Receivable</b>	394,001	306,047	87,953	29%
<b>Other Current Assets</b>				
Grant Retention Receivable	236,456	196,071	40,385	21%
<b>Total Other Current Assets</b>	236,456	196,071	40,385	21%
<b>Total Current Assets</b>	1,570,785	553,118	1,017,667	184%
<b>TOTAL ASSETS</b>	<b>1,570,785</b>	<b>553,118</b>	<b>1,017,667</b>	<b>184%</b>
<b>LIABILITIES &amp; EQUITY</b>				
<b>Liabilities</b>				
<b>Current Liabilities</b>				
<b>Accounts Payable</b>				
Accounts Payable	181,246	392,081	-210,835	-54%
<b>Total Accounts Payable</b>	181,246	392,081	-210,835	-54%
<b>Total Current Liabilities</b>	181,246	392,081	-210,835	-54%
<b>Total Liabilities</b>	181,246	392,081	-210,835	-54%
<b>Equity</b>				
<b>Unrestricted Net Assets</b>	636,105	518,924	117,181	23%
<b>Net Income</b>	753,433	-357,887	1,111,320	311%
<b>Total Equity</b>	1,389,538	161,037	1,228,501	763%
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>1,570,785</b>	<b>553,118</b>	<b>1,017,667</b>	<b>184%</b>

**CUYAMA BASIN GSA**  
**Receipts and Disbursements**  
**As of November 30, 2020**

Type	Date	Num	Name	Debit	Credit
<b>Chase - General Checking</b>					
Bill Pmt -Check	07/20/2020	1037	HGCPM, Inc.		40,896.65
Bill Pmt -Check	07/20/2020	1038	Klein, DeNatale, Goldner		7,325.50
Bill Pmt -Check	07/20/2020	1039	Woodard & Curran Inc		60,421.23
Check	08/25/2020	1040	Groundwater Extraction Fees:El Rancho Espanol		13.30
Check	08/25/2020	1041	Groundwater Extraction Fees:Walking "R" Ranch	0.00	
Check	08/25/2020	1042	Groundwater Extraction Fees:Holder Cattle Co, LLC		19.00
Check	08/25/2020	1043	Groundwater Extraction Fees:Cooper's Petroleum Dist, Inc		19.00
Check	08/25/2020	1044	Groundwater Extraction Fees:Navarro, Modesto	0.00	
Check	08/25/2020	1045	Groundwater Extraction Fees:Walking "R" Ranch		17.54
Check	08/25/2020	1046	Groundwater Extraction Fees:Navarro, Modesto		19.00
Bill Pmt -Check	08/25/2020	1047	HGCPM, Inc.		27,608.86
Bill Pmt -Check	08/25/2020	1048	Klein, DeNatale, Goldner		3,701.00
Bill Pmt -Check	08/25/2020	1049	Woodard & Curran Inc		34,729.38
Payment	09/04/2020	2534	Groundwater Extraction Fees:Harrington Farms	5,940.00	
Payment	09/10/2020	46673	Groundwater Extraction Fees:Feinstein Investments	7,667.00	
Payment	09/10/2020	1265	Groundwater Extraction Fees:Cuyama Mutual Water Co.	202.40	
Payment	09/10/2020	2015	Groundwater Extraction Fees:Pine Mountain Buddhist Temple	129.41	
Payment	09/10/2020	399552	Groundwater Extraction Fees:Grimmway Enterprises, Inc	347,440.27	
Payment	09/16/2020	1029	Groundwater Extraction Fees:Stone Pine Estate	176.00	
Payment	09/16/2020	78787	Groundwater Extraction Fees:H Lima Company	176.53	
Payment	09/16/2020	241	Groundwater Extraction Fees:Lucky Dog Ranch, LLC	12,498.20	
Payment	09/16/2020	3753	Groundwater Extraction Fees:Sunrise Olive Ranch, LLC	47,300.00	
Payment	09/16/2020	150337	Groundwater Extraction Fees:Kern Ridge Growers, LLC	68,553.76	
Payment	09/16/2020	8290	Groundwater Extraction Fees:JHP Global, Inc	17,226.00	
Bill Pmt -Check	09/22/2020	1050	Daniells Phillips Vaughan & Bock		4,000.00
Bill Pmt -Check	09/22/2020	1051	HGCPM, Inc.		35,923.48
Bill Pmt -Check	09/22/2020	1052	Klein, DeNatale, Goldner		2,216.20
Bill Pmt -Check	09/22/2020	1053	Woodard & Curran Inc		28,265.18
Payment	09/22/2020	309131	Groundwater Extraction Fees:Bolthouse Farms - Perkins Ranch	12,003.20	
Payment	09/22/2020	11355	Groundwater Extraction Fees:Cuyama Community Svcs Dist	3,405.32	
Payment	09/22/2020	1077	Groundwater Extraction Fees:Harrington, Roy	5,185.14	
Payment	09/22/2020	7480	Groundwater Extraction Fees:Harrington, Roy	5,185.13	
Payment	09/22/2020	2502	Groundwater Extraction Fees:Harrington, Roy	5,185.13	
Payment	09/22/2020	101767	Groundwater Extraction Fees:Sunridge Nurseries, Inc	16,016.00	
Payment	09/22/2020	1807	Groundwater Extraction Fees:Tri-County Pistachios	41,441.40	
Payment	09/25/2020	5654	Groundwater Extraction Fees:Pal Ranch, Inc	462.00	
Payment	09/25/2020	17706	Groundwater Extraction Fees:Triangle E. Farms	34,211.90	
Payment	09/30/2020	482101	Groundwater Extraction Fees:E & B Natural Resources Mgmt C...	969.76	
Payment	09/30/2020	2773	Groundwater Extraction Fees:Russell, Jubel	119.24	
Payment	10/07/2020	001348	Groundwater Extraction Fees:Brodiaea, Inc	30,922.76	
Payment	10/07/2020	309546	Groundwater Extraction Fees:Bolthouse Farms	247,670.72	
Payment	10/07/2020	49812	Groundwater Extraction Fees:Cuyama Dairy Farm	21,799.80	
Payment	10/14/2020	20111	Groundwater Extraction Fees:Apache Canyon Ranch, Inc	14,252.92	
Payment	10/21/2020	42394	Groundwater Extraction Fees:El Rancho Espanol	144.76	
Payment	11/04/2020	537	Groundwater Extraction Fees:Lewis, David	494.65	
Bill Pmt -Check	11/23/2020	1054	Daniells Phillips Vaughan & Bock		2,000.00
Bill Pmt -Check	11/23/2020	1055	HGCPM, Inc.		64,943.81
Bill Pmt -Check	11/23/2020	1056	Klein, DeNatale, Goldner		4,675.00
Bill Pmt -Check	11/23/2020	1057	Woodard & Curran Inc		61,942.11
Total Chase - General Checking				946,779.40	378,736.24
<b>TOTAL</b>				<b>946,779.40</b>	<b>378,736.24</b>

**CUYAMA BASIN GSA  
A/R Aging Summary  
As of November 30, 2020**

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	<u>Current</u>	<u>1 - 30</u>	<u>31 - 60</u>	<u>61 - 90</u>	<u>&gt; 90</u>	<u>TOTAL</u>
Department of Water Resources	0	0	0	133,219	214,671	347,890
Groundwater Extraction Fees						
Cuyama Orchards, Inc	387	3,865	0	0	38,653	42,904
The Ranch	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>3,206</u>	<u>3,206</u>
<b>Total Groundwater Extraction Fees</b>	<u>387</u>	<u>3,865</u>	<u>0</u>	<u>0</u>	<u>41,859</u>	<u>46,111</u>
<b>TOTAL</b>	<u><u>387</u></u>	<u><u>3,865</u></u>	<u><u>0</u></u>	<u><u>133,219</u></u>	<u><u>256,530</u></u>	<u><u>394,001</u></u>

**CUYAMA BASIN GSA  
A/P Aging Summary  
As of November 30, 2020**

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	<u>Current</u>	<u>1 - 30</u>	<u>31 - 60</u>	<u>61 - 90</u>	<u>&gt; 90</u>	<u>TOTAL</u>
Daniells Phillips Vaughan & Bock	0	1,700	0	0	0	1,700
HGCPM, Inc.	28,739	37,199	0	0	0	65,938
Klein, DeNatale, Goldner	3,440	776	0	0	0	4,215
Woodard & Curran Inc	46,416	62,977	0	0	0	109,393
<b>TOTAL</b>	<b><u>78,595</u></b>	<b><u>102,651</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>181,246</u></b>

**CUYAMA BASIN GSA**  
**Statement of Operations with Budget Variance**  
 July through November 2020

	Jul - Nov 20	Budget	\$ Over Budget	% of Budget
<b>Ordinary Income/Expense</b>				
<b>Income</b>				
Participant Contributions				
Refunded Assessments	0	-357,813	357,813	0%
<b>Total Participant Contributions</b>	<b>0</b>	<b>-357,813</b>	<b>357,813</b>	<b>0%</b>
Direct Public Funds				
Grants	148,021	281,250	-133,229	53%
Groundwater Extraction Fees	986,328	1,115,691	-129,363	88%
GWE Late Fees	4,297			
<b>Total Direct Public Funds</b>	<b>1,138,645</b>	<b>1,396,941</b>	<b>-258,296</b>	<b>82%</b>
<b>Total Income</b>	<b>1,138,645</b>	<b>1,039,128</b>	<b>99,517</b>	<b>110%</b>
<b>Cost of Goods Sold</b>				
Program Expenses				
Technical Consulting				
Technical Support - CAT 1	19,124	87,980	-68,856	22%
GSP Implementation - W&C	70,339	129,549	-59,210	54%
GSP Implementation - P&P	62,103	87,750	-25,647	71%
Indirect Economic Analysis	61,744	60,000	1,744	103%
Technical Support for DWR	0	13,432	-13,432	0%
Stakeholder Engagement	16,252	37,517	-21,265	43%
Outreach	3,235	7,522	-4,287	43%
Grant Administration	28,087	20,830	7,257	135%
Management Area Costs	819	16,171	-15,352	5%
<b>Total Technical Consulting</b>	<b>261,703</b>	<b>460,751</b>	<b>-199,048</b>	<b>57%</b>
<b>Total Program Expenses</b>	<b>261,703</b>	<b>460,751</b>	<b>-199,048</b>	<b>57%</b>
<b>Total COGS</b>	<b>261,703</b>	<b>460,751</b>	<b>-199,048</b>	<b>57%</b>
<b>Gross Profit</b>	<b>876,942</b>	<b>578,377</b>	<b>298,565</b>	<b>152%</b>
<b>Expense</b>				
General and Administrative				
GSA Executive Director				
GSA BOD Meetings	28,150	21,625	6,525	130%
Consult Mgmt and GSP Devel	31,875	17,000	14,875	188%
Financial Information Coord	25,419	7,272	18,147	350%
CBGSA Outreach	4,100	3,720	380	110%
Funding Process (GWE Fee)	11,038	7,860	3,178	140%
Management Area Admin	75	5,934	-5,859	1%
Support for DWR/Public Comments	0	500	-500	0%
Travel and Direct Costs	4,046	970	3,076	417%
<b>Total GSA Executive Director</b>	<b>104,702</b>	<b>64,881</b>	<b>39,821</b>	<b>161%</b>
Other Administrative				
Grant Proposals	0	13,500	-13,500	0%
Auditing/Accounting Fees	7,700	12,000	-4,300	64%
Legal	11,106	25,000	-13,894	44%
<b>Total Other Administrative</b>	<b>18,806</b>	<b>50,500</b>	<b>-31,694</b>	<b>37%</b>
<b>Total General and Administrative</b>	<b>123,509</b>	<b>115,381</b>	<b>8,128</b>	<b>107%</b>
<b>Total Expense</b>	<b>123,509</b>	<b>115,381</b>	<b>8,128</b>	<b>107%</b>
<b>Net Ordinary Income</b>	<b>753,433</b>	<b>462,996</b>	<b>290,437</b>	<b>163%</b>
<b>Net Income</b>	<b>753,433</b>	<b>462,996</b>	<b>290,437</b>	<b>163%</b>

**CUYAMA BASIN GSA**  
**2020/2021 Operating Budget**  
 July 2020 through June 2021

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	<u>Jul '20 - Jun 21</u>
<b>Ordinary Income/Expense</b>	
<b>Income</b>	
Participant Contributions	
Refunded Assessments	-357,813
<b>Total Participant Contributions</b>	-357,813
Direct Public Funds	
Grants	867,907
Groundwater Extraction Fees	1,115,691
<b>Total Direct Public Funds</b>	1,983,598
<b>Total Income</b>	1,625,785
<b>Cost of Goods Sold</b>	
Program Expenses	
Technical Consulting	
Technical Support - CAT 1	175,961
GSP Implementation - W&C	310,912
GSP Implementation - P&P	224,950
Indirect Economic Analysis	90,000
Technical Support for DWR	32,192
Support for Funding Mechanism	25,076
Stakeholder Engagement	90,052
Outreach	18,057
Grant Administration	50,020
Management Area Costs	38,816
<b>Total Technical Consulting</b>	1,056,036
<b>Total Program Expenses</b>	1,056,036
<b>Total COGS</b>	1,056,036
<b>Gross Profit</b>	569,749
<b>Expense</b>	
General and Administrative	
GSA Executive Director	
GSA BOD Meetings	51,900
Consult Mgmt and GSP Devel	40,800
Financial Information Coor	17,450
CBGSA Outreach	8,900
Funding Process (GWE Fee)	18,850
Management Area Admin	14,250
Support for DWR/Public Comments	1,200
Travel and Direct Costs	2,335
<b>Total GSA Executive Director</b>	155,685
Other Administrative	
Grant Proposals	40,400
Auditing/Accounting Fees	12,000
General & Mgmt Liab Insurance	11,000
Legal	60,000
Other Admin Expense	200
Contingency	20,000
<b>Total Other Administrative</b>	143,600
<b>Total General and Administrative</b>	299,285
<b>Total Expense</b>	299,285
<b>Net Ordinary Income</b>	270,464
<b>Net Income</b>	270,464





TO: Board of Directors  
Agenda Item No. 9

FROM: Brian Van Lienden, Woodard & Curran

DATE: January 13, 2021

SUBJECT: Consider Modifications to the Groundwater Level Monitoring Network

**Issue**

Consider Modifications to the Groundwater Level Monitoring Network.

**Recommended Motion**

Reduce the groundwater levels monitoring network to 58 wells.

**Discussion**

Background and options for reducing the groundwater levels monitoring network is provided as Attachment 1.

Cuyama Basin Groundwater Sustainability Agency

# Consider Modifications to the Groundwater Levels Monitoring Network

January 13, 2021





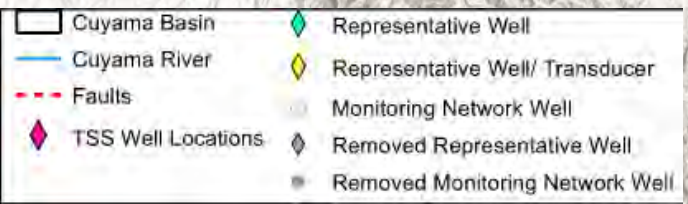
# Consider Modifications to the Groundwater Levels Monitoring Network <sup>75</sup>

- GSP Monitoring Network includes 101 wells (including 3 multi-completion wells)
  - Currently, monitored monthly at an approximate cost of \$10,000/month.
- Process for reduction of monitoring network:
  1. Remove duplicative wells
  2. Identify monitoring wells that provide minimum adequate data coverage for GSA planning efforts
  3. Confirm minimum number of wells as required by DWR SGMA guidance
- Additional wells may be added in the future to fill data gaps identified in the GSP.



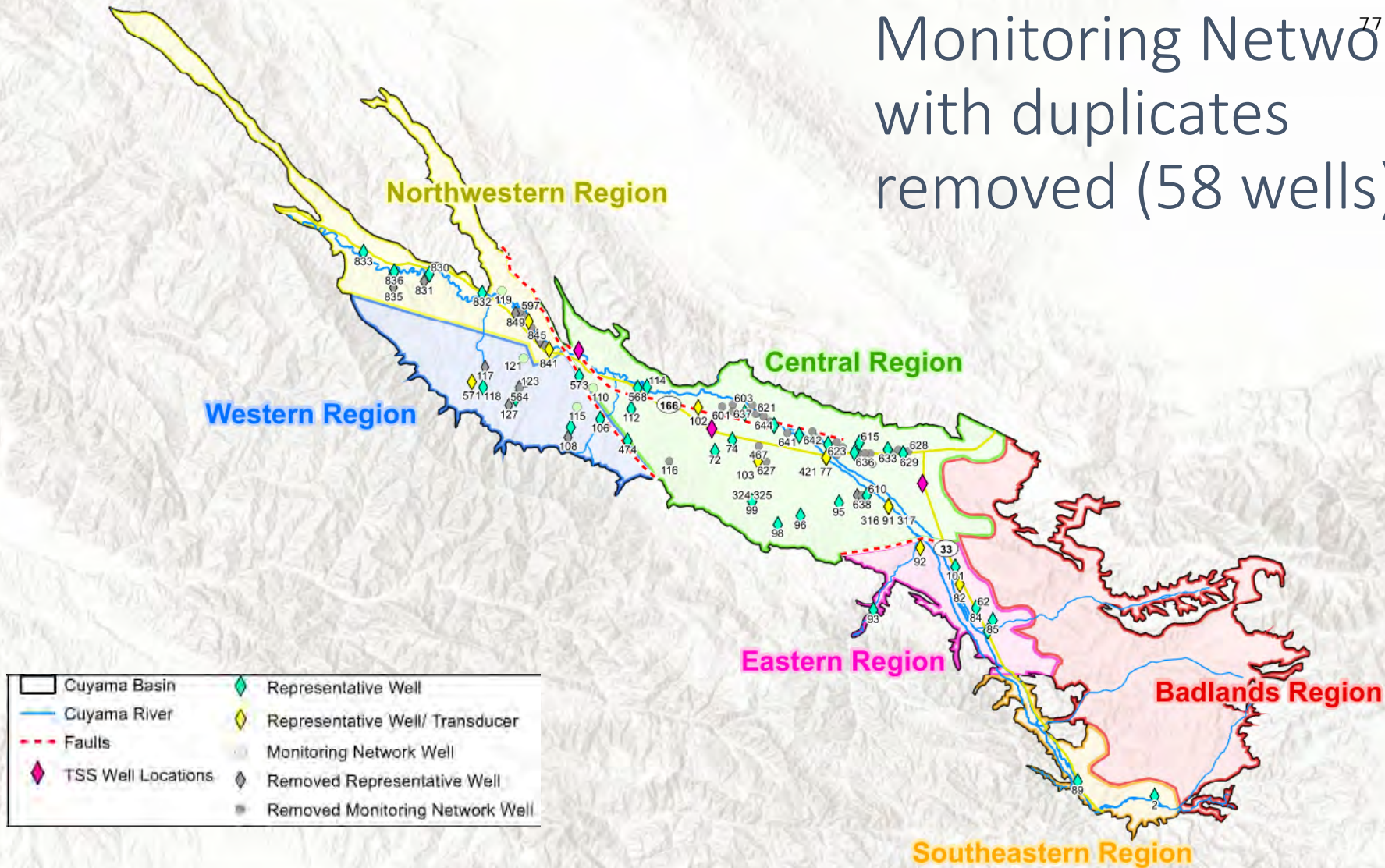
# Current Monitoring Network (101 wells)

76



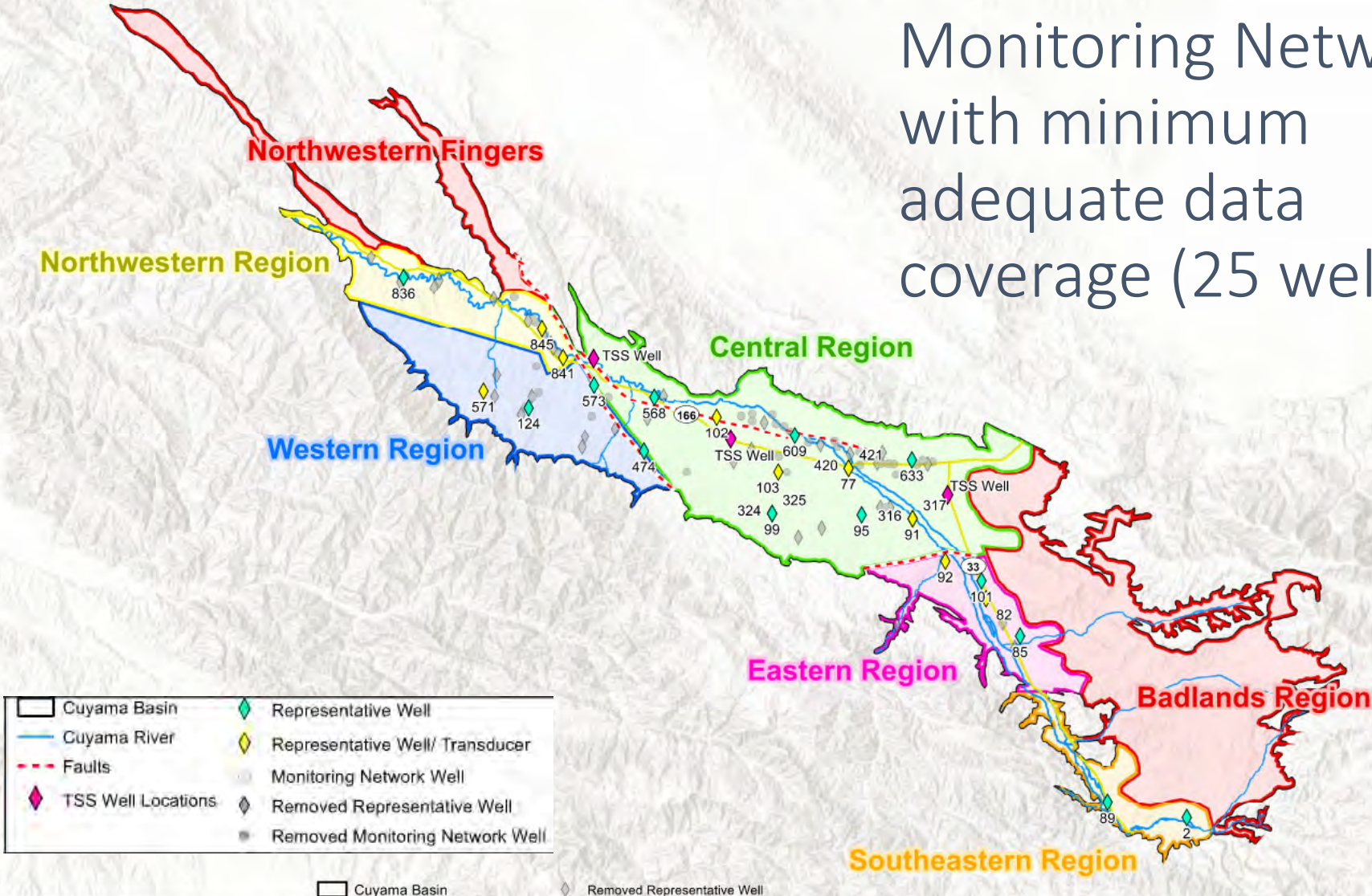


# Monitoring Network<sup>77</sup> with duplicates removed (58 wells)





# Monitoring Network<sup>78</sup> with minimum adequate data coverage (25 wells)



# Consider Modifications to the Groundwater Levels Monitoring Network <sup>79</sup>

- Minimum number required by DWR can range from 9 to 38 depending on the guidance/assumption used

	Cuyama Basin Area		Heath (1976)		Sophocleaous (1983)		Hopkins (1994)	
	Acres	Square Miles	Suggested Well Density per 100 square miles	Final Recommended Density	Suggested Well Density per 100 square miles	Final Recommended Density	Suggested Well Density per 100 square miles	Final Recommended Density
<b>Total Basin</b>	241,695	378	10	38	6	24	4	15
<b>Total excluding Badlands and Fingers</b>	151,369	237	10	25	6	15	4	9

- Staff and SAC recommendation:
  - Reduce monitoring network to 58 wells.
  - Staff to present implementation plan for approval at the March 2021 SAC and Board meetings.



TO: Board of Directors  
Agenda Item No. 10

FROM: Taylor Blakslee, CBGSA

DATE: January 13, 2021

SUBJECT: Adopt Process for Accepting Groundwater Level Transducer Data from Landowners

**Issue**

Discuss Adoption Process for Accepting Groundwater Level Transducer Data from Landowners.

**Recommended Motion**

Adopt option \_\_ as outlined in agenda item No. 10.

**Discussion**

Provost & Pritchard was hired to collect monthly groundwater levels. In the process of collecting levels, several well owners have opted to provide their transducer data for operational reasons. Since this data is being provided directly to staff/consultants the Board needs to decide on the process for accepting this data. Two options are outlined for consideration in Attachment 1.



Cuyama Basin Groundwater Sustainability Agency

Adopt Process for Accepting Groundwater  
Level Transducer Data from Landowners

January 13, 2021



# Adopt Process for Accepting Groundwater Level Transducer Data from Landowners

82

- Background

- Received transducer data from several landowners that already have transducers installed resulting in P&P not manually measuring these wells.

- Options:

1. Accept transducer data with appropriate quality control (to be developed with ad hoc if necessary).
2. Remove well from monitoring network

- Long-term Plan

- CBGSA seeking funding for transducers and dedicated monitoring wells to replace production wells for monitoring purposes.





TO: Board of Directors  
Agenda Item No. 11

FROM: Taylor Blakslee, Hallmark Group

DATE: January 13, 2021

SUBJECT: Approval of Scope to Implement Metering Requirement

**Issue**

Approval of out-of-scope costs to implement metering requirement.

**Recommended Motion**

Approve out-of-scope costs to implement metering requirement for work through June 30, 2021 for a cost not to exceed of \$31,116.

**Discussion**

On November 4, 2020, the Cuyama Basin Groundwater Sustainability Agency (CBGSA) passed a motion requiring meters on all non-de minimis wells in the Cuyama Basin by December 31, 2021.

To meet this deadline, staff needs to perform work including identifying non-de minimis wells, developing guidance documents and notifying landowners prior to June 30, 2021.

This work was not considered in the Fiscal Year 2020-2021 budget and are out-scope-costs.

A scope of work and cost estimate is provided as Attachment for consideration of approval.

CUYAMA METER IMPLEMENTATION SCOPE						
NO.		Brian/John	Micah/Junior Staff	Taylor	P&P	COST
		\$273	\$210	\$150	\$150	
1)	<b>Identify locations and count of non-de minimis pumping wells from public data sources</b>					
Required	Collect County Records and review existing pumping data; review and index	2	16	4		\$4,506
2)	<b>Develop guidance for meter selection and installation</b>	12	32	4		\$10,596
3)	<b>Develop procedure for landowner measurement and reporting</b>	4		4		\$1,692
4)	<b>Contact well owner to inform about meter requirement and confirm info</b>					
Required	Develop Notice Letter	2		1		\$696
Required	Mail: (1) notice letter, (2) guidance doc, (3) tracking pumping policy			8		\$1,200
Required	Follow up with non-respondents	2	8	48		\$9,426
5)	<b>OPTIONAL TASKS</b>					\$0
	<b>QA/QC on landowner reported info</b>					
Optional	Collect and review well completion reports; confirm using Google Earth	16	80	16		\$23,568
Optional	Field investigation				200	\$30,000
<b>TOTAL HOURS</b>		<b>38</b>	<b>136</b>	<b>85</b>	<b>200</b>	
LABOR (required tasks) \$		6,006	\$ 11,760	\$ 10,350	\$ -	\$ 28,116
LABOR (optional tasks) \$		4,368	\$ 16,800	\$ 2,400	\$ 30,000	\$ 53,568
DIRECT CHARGES						\$ 3,000
TOTAL (including optional tasks)						\$ 84,684
<b>STAFF RECOMMENDATION (without optional tasks)</b>						<b>\$ 31,116</b>



TO: Board of Directors  
Agenda Item No. 12

FROM: Taylor Blakslee, Hallmark Group

DATE: January 13, 2021

SUBJECT: Adopt a Resolution Designating the CBGSA Board Chairperson as the Authorized Representative to File an Application and Execute an Agreement with the California Department of Water Resources for the Prop 68 "Implementation" Grant Solicitation

**Issue**

Approval of a resolution designating the CBGSA Board Chairperson as the authorized representative to file an application and execute an agreement with the California Department of Water Resources for the Prop 68 "Implementation" grant solicitation.

**Recommended Motion**

Adopt Resolution 2021-01 Designating the CBGSA Board Chairperson as the Authorized Representative to File an Application and Execute an Agreement with the California Department of Water Resources for the Prop 68 "Implementation" Grant Solicitation.

**Discussion**

Per requirements of the Prop 68 Implementation grant solicitation, a Board resolution is required authorizing the chairperson to execute and file an application on behalf of the Cuyama Basin Groundwater Sustainability Agency. The draft resolution is provided as Attachment 1 for consideration of approval.

**RESOLUTION NO. 2021-01****A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY AUTHORIZING THE FILING OF AN APPLICATION AND EXECUTION OF AN AGREEMENT WITH THE CALIFORNIA DEPARTMENT OF WATER RESOURCES FOR ROUND 1 GRANT FUNDING UNDER THE SUSTAINABLE GROUNDWATER MANAGEMENT GRANT PROGRAM'S IMPLEMENTATION GRANT SOLICITATION**

**WHEREAS**, in 2018, California voters approved Proposition 68 that enacted the California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access for All Act of 2018 (Pub. Resources Code § 80000 et seq.) authorizing the Legislature to appropriate a total of \$240 million to the Department of Water Resources (DWR) for drought and groundwater investments to achieve regional sustainability; and

**WHEREAS**, DWR is administering the Sustainable Groundwater Management (SGM) Grant Program's Implementation Grants using funds authorized by Proposition 68; and

**WHEREAS**, entities eligible for Round 1 grant funding under the SGM Grant Program Implementation include Groundwater Sustainability Agencies (GSA) located within a critically overdrafted basin that have submitted an adopted Groundwater Sustainability Plan (GSP) to DWR for review; and

**WHEREAS**, the Cuyama Basin Groundwater Sustainability Agency (CBGSA) is a GSA organized under the Joint Exercise of Powers Act (Gov. Code § 6500 et seq.) and Sustainable Groundwater Management Act (Wat. Code § 10720 et seq.) in June 2017 by the Cuyama Community Services District, the Santa Barbara County Water Agency, the Cuyama Basin Water District, and the Counties of Kern, San Luis Obispo, and Ventura; and

**WHEREAS**, DWR designated the Cuyama Valley Groundwater Basin as a High Priority basin, subject to a condition of critical overdraft; and

**WHEREAS**, CBGSA submitted its adopted GSP to DWR for review on January 28, 2020; and

**WHEREAS**, projects eligible for Round 1 grant funding under the SGM Grant Program Implementation include activities associated with the implementation of an adopted GSP; and,

**WHEREAS**, CBGSA's Cuyama Valley Groundwater Basin GSP Implementation Project proposes to enhance understanding of the Basin hydrogeologic system and water budget to support the development and implementation of GSP projects and management actions; and

**WHEREAS**, the Executive Director or his designee is especially suited to ensure that grant application materials and related GSP implementation efforts are prepared in a complete, efficient, and adequate manner; and

**WHEREAS**, the Executive Director or his designee has the ability to ensure that grant-funded studies and efforts are carried out in full compliance with the applicable permits and the grant agreement.

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

1. An application be made to the California Department of Water Resources to obtain a grant under the 2020 Sustainable Groundwater Management (SGM) Grant Program Implementation – Round 1 Grant pursuant to the California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018 (Proposition 68) (Pub. Resource Code § 80000 et seq.), and to enter into an agreement to receive a grant for the Cuyama Valley Groundwater Basin GSP Implementation Project.
2. The Executive Director of the Cuyama Basin Groundwater Sustainability Agency or his designee is hereby authorized and directed to prepare the necessary data, conduct investigations, file such application, and execute a grant agreement and any future amendments (if required) thereto (approved as to form by the legal counsel to the Cuyama Basin Groundwater Sustainability Agency), submit invoices, and submit any reporting requirements with the California Department of Water Resources.

PASSED, APPROVED AND ADOPTED this 13th day of January 2021.

---

Derek Yurosek, Board Chair

ATTEST:

---

James M. Beck, Executive Director

Authorized Original Signature:

Printed Name:

Title:

Clerk/Secretary:

**CERTIFICATION**

I do hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the Cuyama Basin Groundwater Sustainability Agency Board of Directors held on January 13, 2021.

**Clerk/Secretary:** \_\_\_\_\_





TO: Board of Directors  
Agenda Item No. 13a

FROM: Jim Beck, Executive Director

DATE: January 13, 2021

SUBJECT: Report of the Executive Director

**Issue**

Report of the Executive Director.

**Recommended Motion**

None – information only.

**Discussion**

Progress and next steps for the Hallmark Group are provided as Attachment 1 for the months of October and November 2020. An overview of consultant budget-to-actuals is provided as Attachment 2.

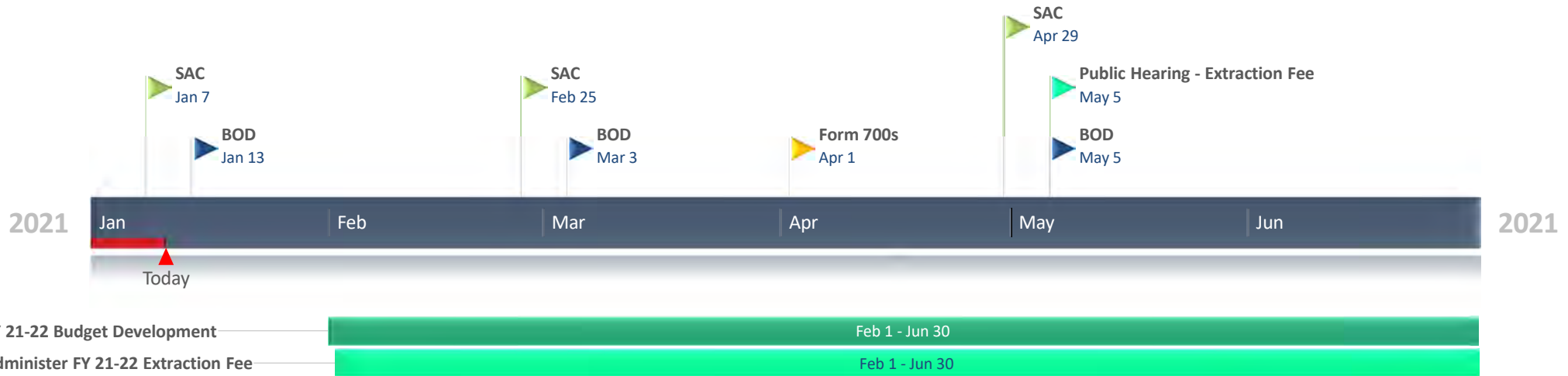
# Cuyama Basin Groundwater Sustainability Agency

## Progress & Next Steps

January 13, 2021

# Cuyama Basin Groundwater Sustainability Agency

## Near-Term Schedule



# Oct-Nov 2020 Accomplishments & Next Steps

## Accomplishments

- ✓ Ongoing administration of the CBGSA
- ✓ Continued coordination Administered supplemental groundwater extraction fee
- ✓ Facilitated GDE ad hoc on Oct 5
- ✓ Facilitated Model Refinement ad hoc on Oct 7
- ✓ Assisted with facilitating model refinement tech forum on Oct 13
- ✓ Facilitated Prop 68 ad hoc on Oct 16
- ✓ Continued work to set up account with federal government registration site required for USGS stream gauges
- ✓ Continued DWR TSS well coordination with landowners, DWR, CCSD, and outreach to CalTrans
- ✓ Reviewed the 7<sup>th</sup> edition newsletter
- ✓ Coordinated with DWR on seasonal groundwater level data.
- ✓ Developed meter implementation cost estimate.
- ✓ Facilitated Prop 68 ad hoc on Nov 24

## Next Steps

- Coordinate monitoring network components including the water quality network.
- Coordinate Management Area delegation discussions.



# Cuyama Basin Groundwater Sustainability Agency

## Financial Report

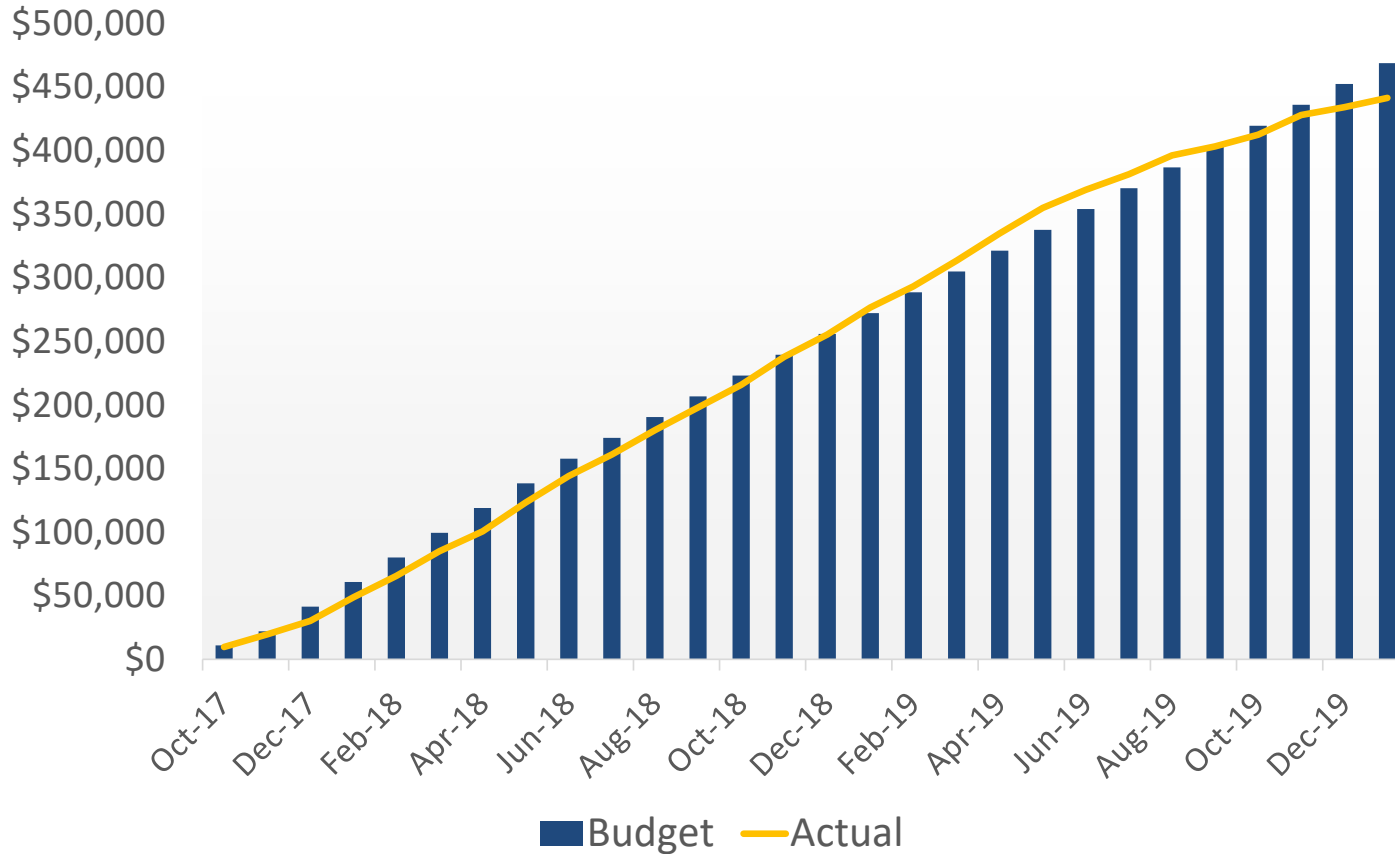
January 13, 2021

# CBGSA OUTSTANDING INVOICES

Task	Invoiced Through	Cumulative Total
Legal Counsel (Klein)	11/30/2020	\$4,215
Executive Director (HG)	11/30/2020	\$40,205
Technical Consultant (W&C)	11/30/2020	\$109,393
Monitoring/Data Collection and GW Quality Monitoring (P&P)	11/30/2020	\$25,733
Audit Fees (DPVB)	11/30/2020	\$1,700
<b>TOTAL</b>		<b>\$181,246</b>

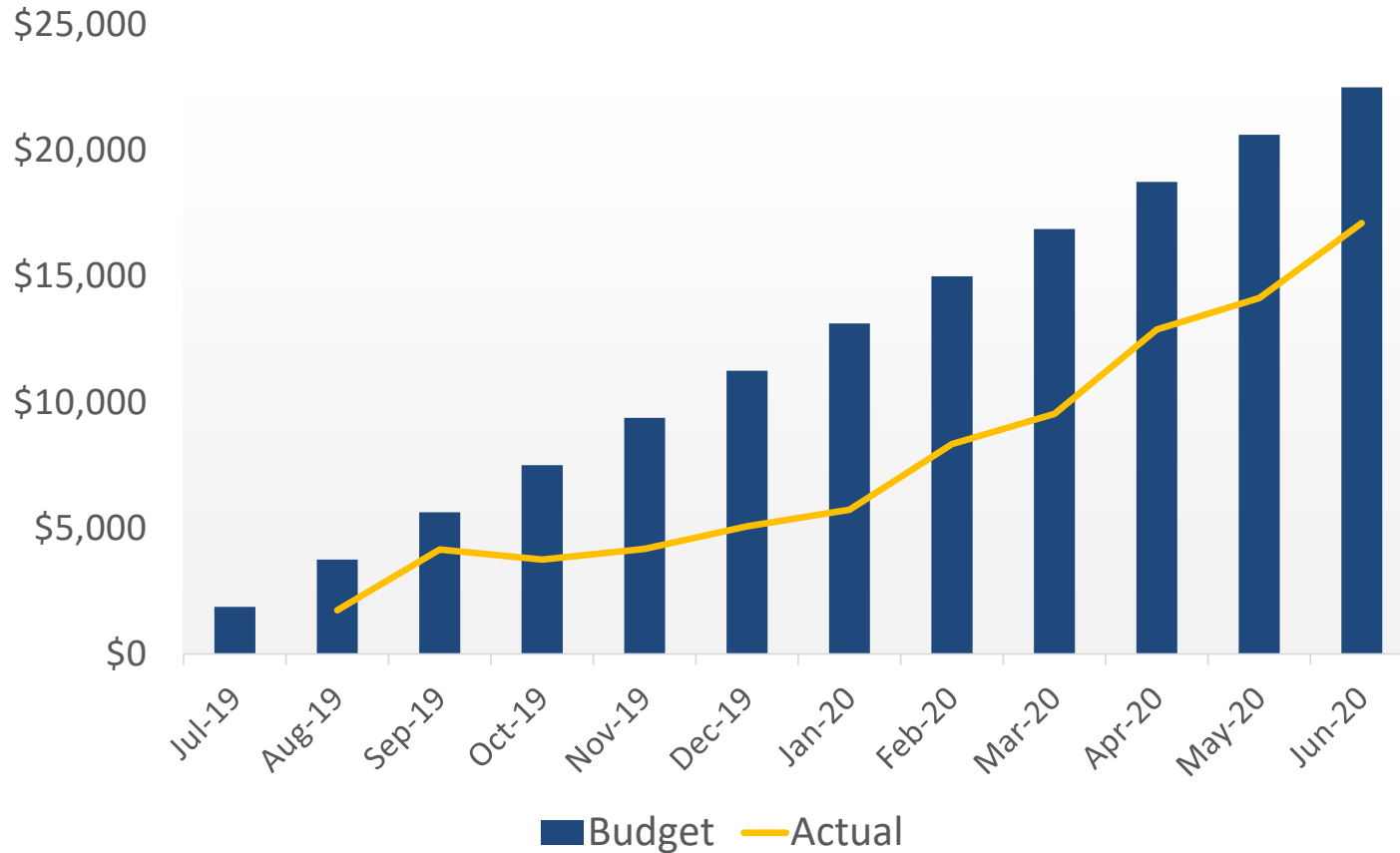
# Hallmark Group – Budget-to-Actuals

Task Order Nos. 1-3



# Hallmark Group – Budget-to-Actuals

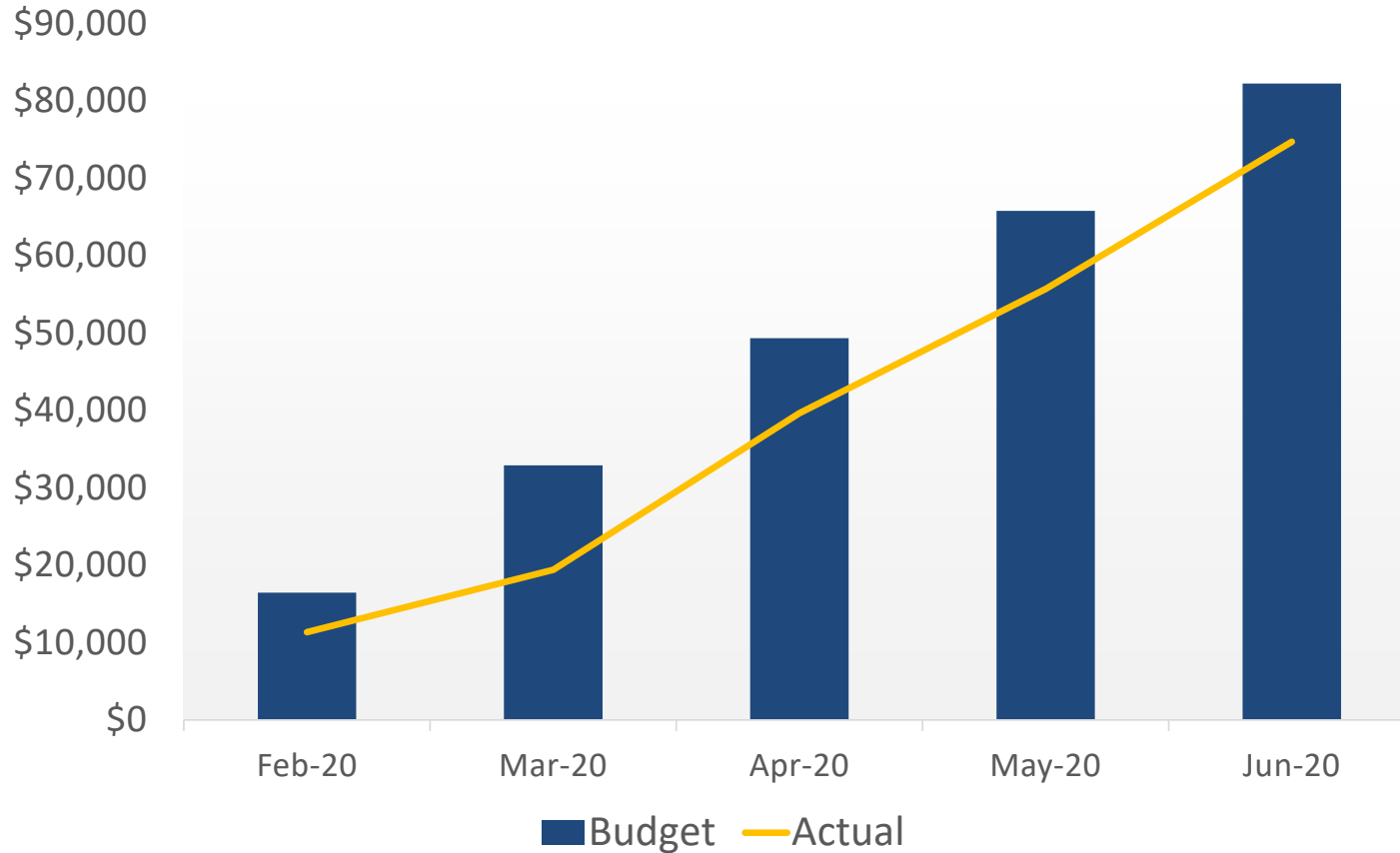
Task Order No. 4





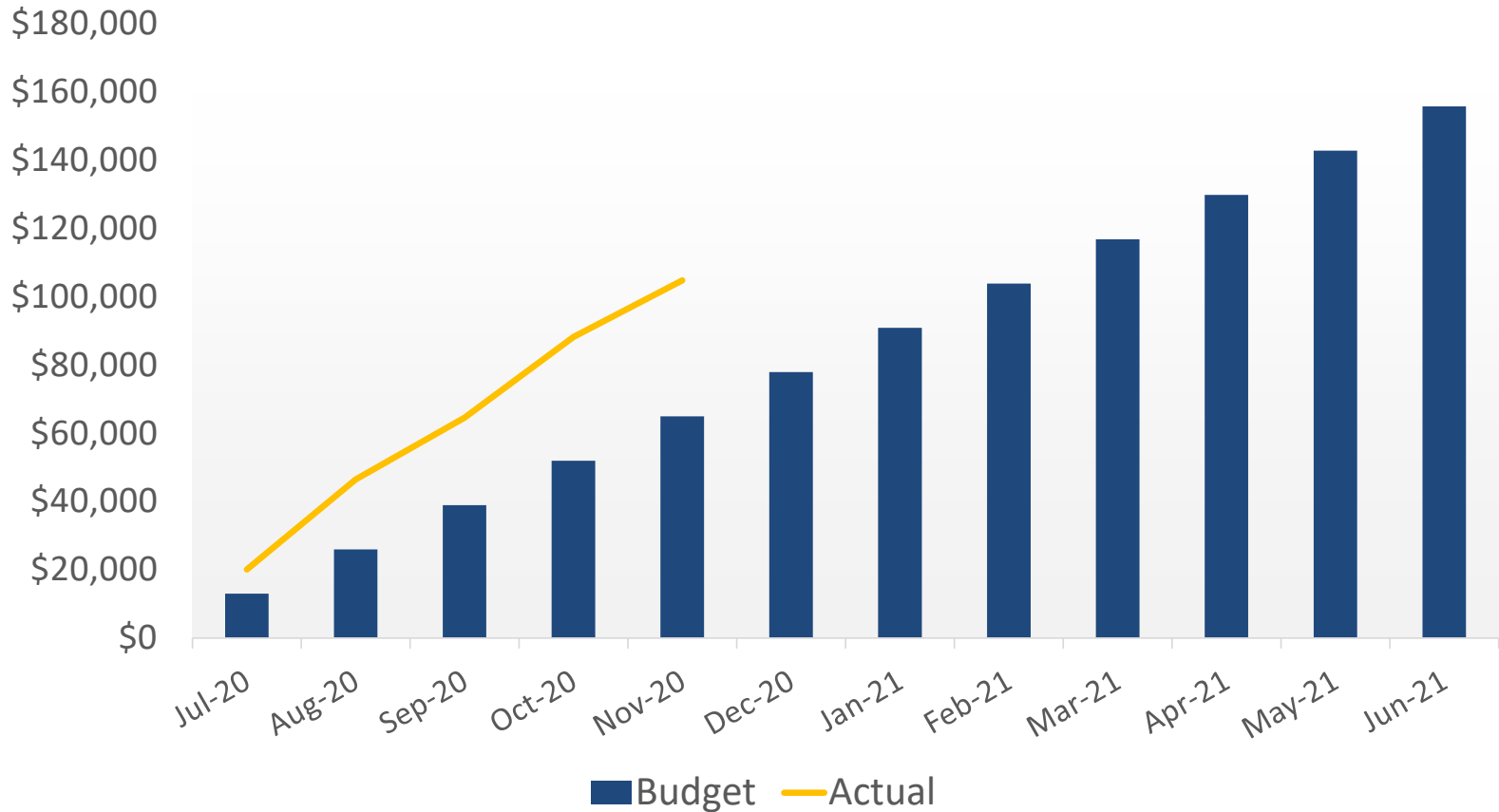
# Hallmark Group – Budget-to-Actuals

Task Order No. 5



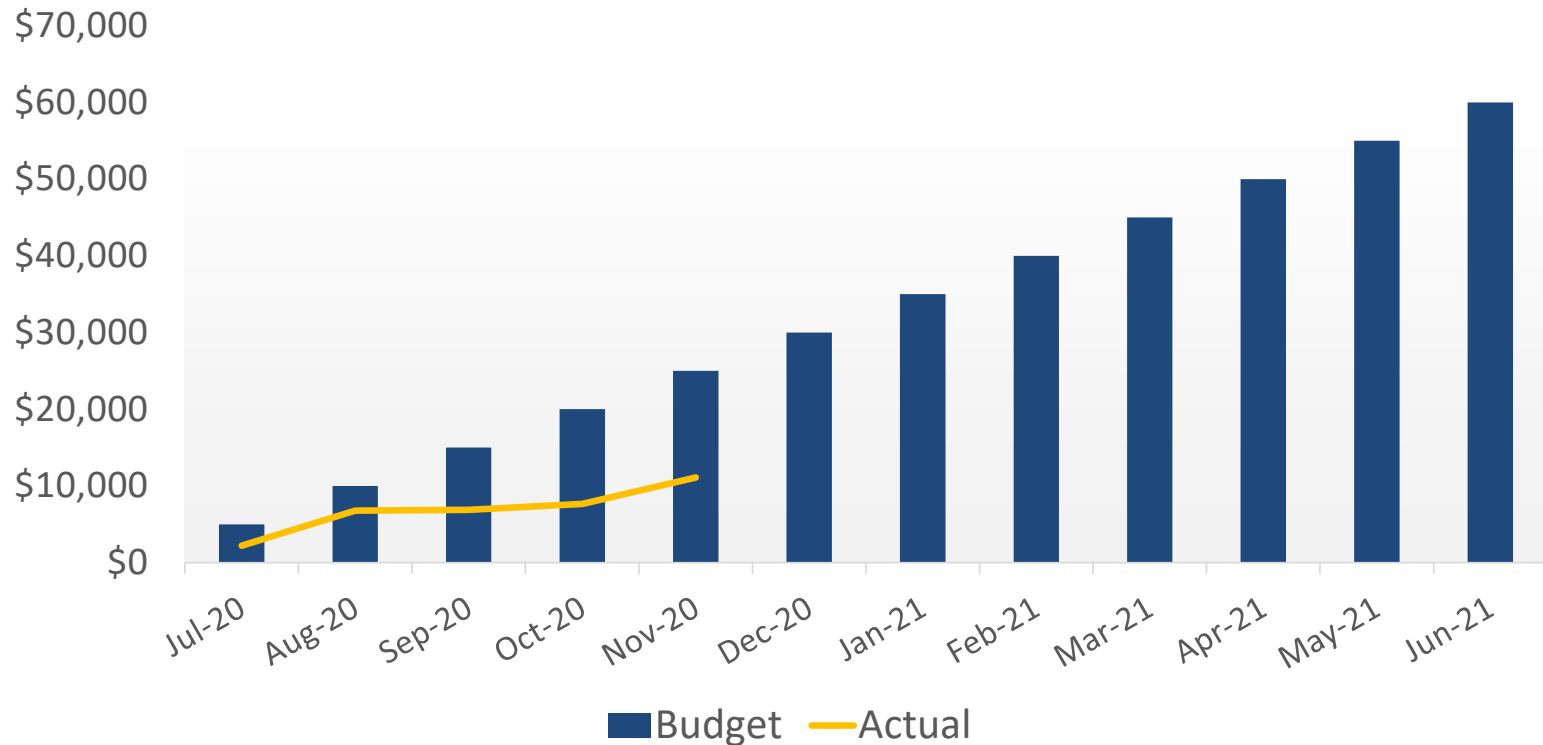
# Hallmark Group – Budget-to-Actuals

Task Order No. 6



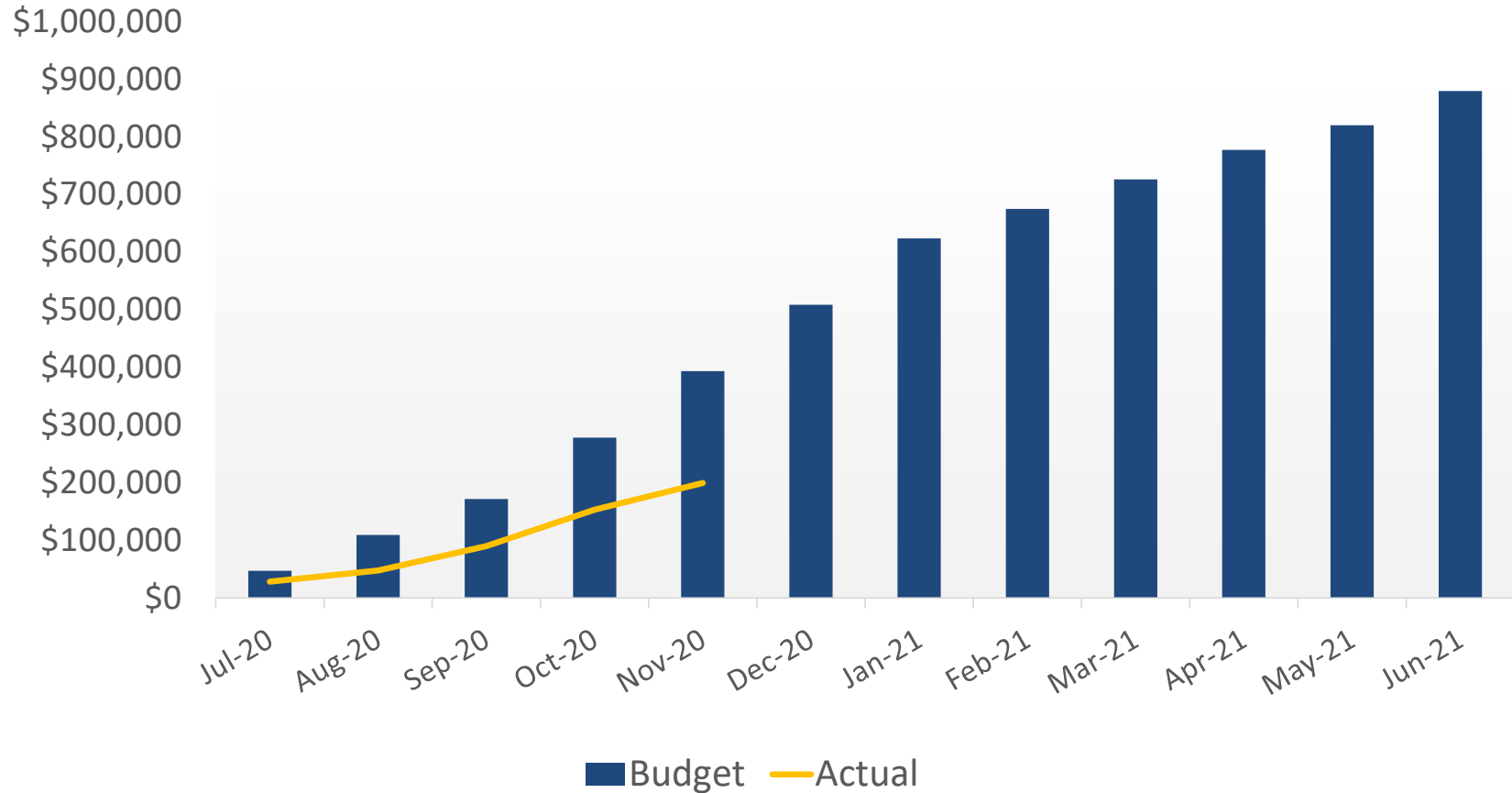
# Legal Counsel – Budget-to-Actuals

FY 20-21



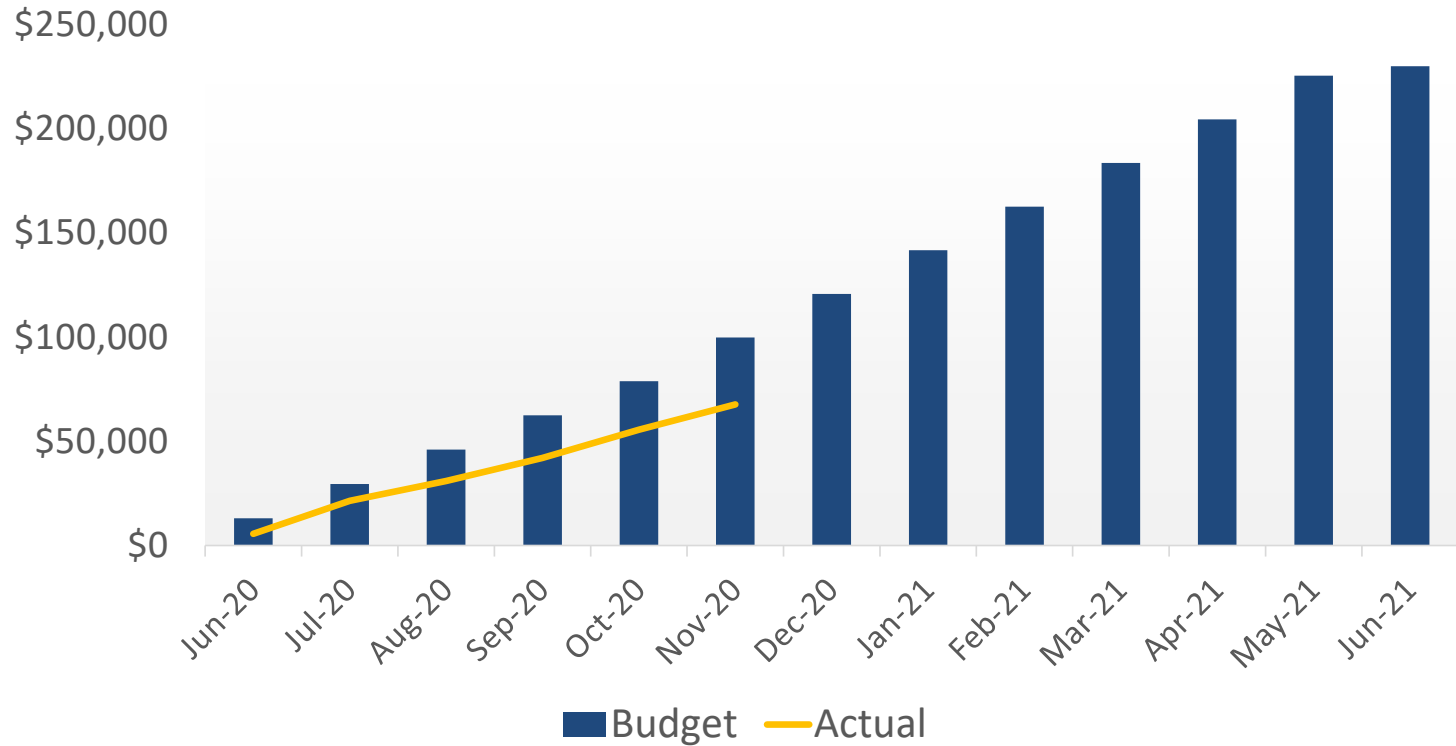
# Woodard & Curran – Budget-to-Actuals

Task Order No. 8

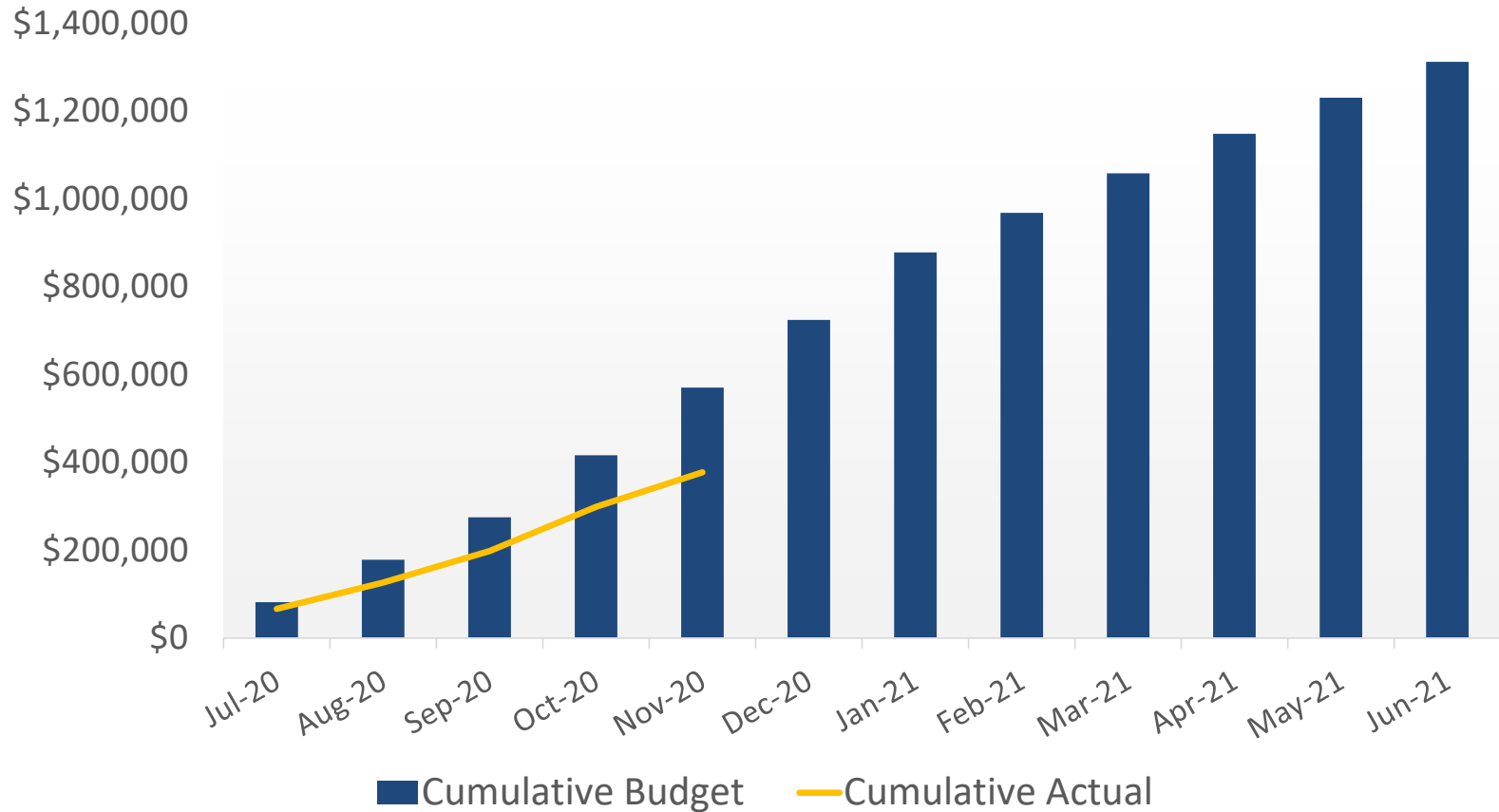


# Provost & Pritchard – Budget-to-Actuals

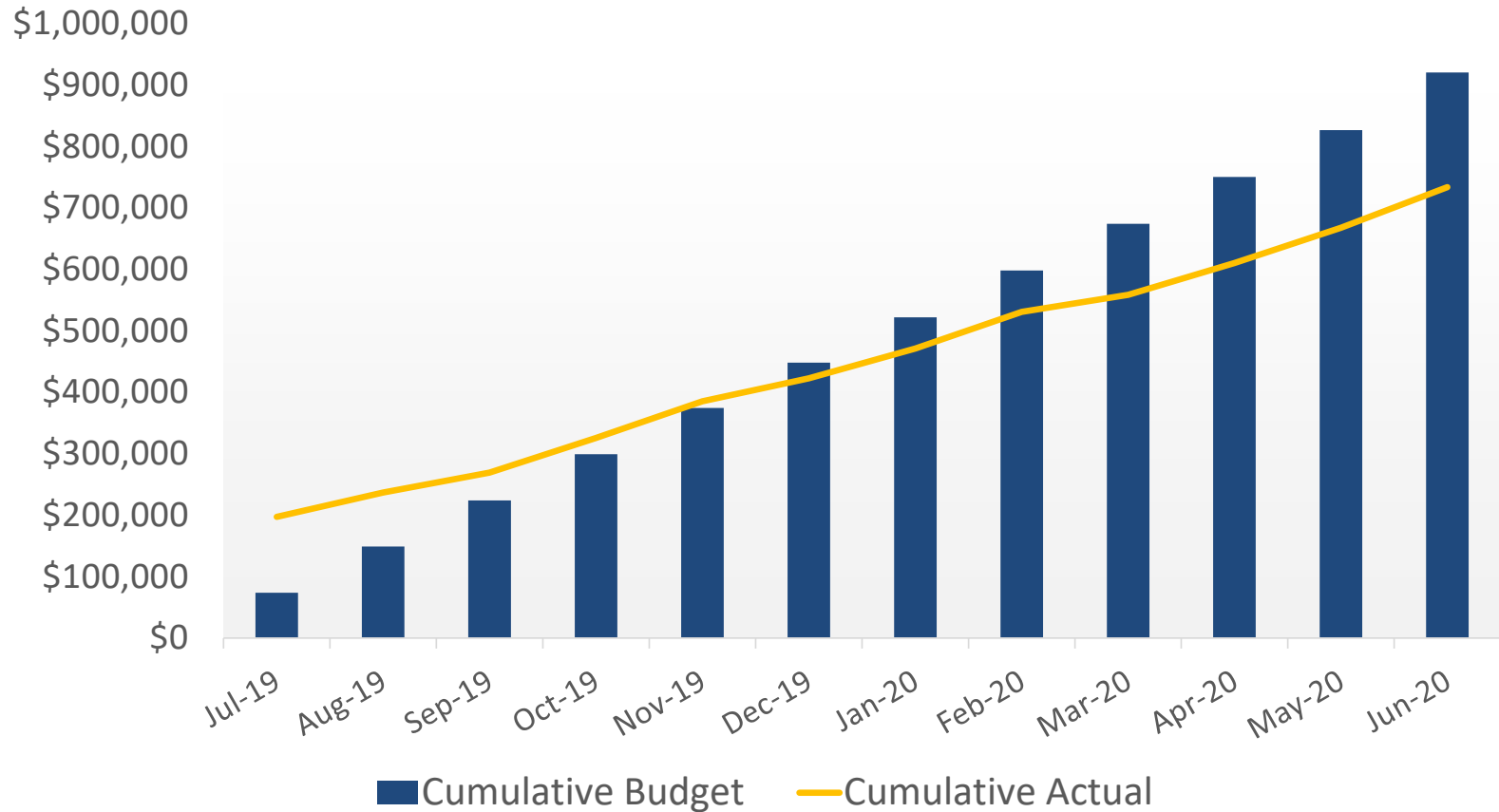
Contract Inception-To-Date



# CBGSA FY 20-21 – Budget-to-Actuals



# CBGSA FY 19-20 – Budget-to-Actuals





TO: Board of Directors  
Agenda Item No. 13c

FROM: Taylor Blakslee, Hallmark Group

DATE: January 13, 2020

SUBJECT: Update on Administration of FY 20-21 Groundwater Extraction Fee

**Issue**

Update on administration of Fiscal Year 20-21 Groundwater Extraction Fee.

**Recommended Motion**

None – information only.

**Discussion**

As part of the administration of the Fiscal Year 2020-2021 groundwater extraction fee, staff worked with an ad hoc to develop a process to reach out to potential non-reporting groundwater users.

Staff used the Land IQ report to send an inquiry letter to 67 landowners. The current results from this effort are:

- 3 landowners identified water use in 2019 (preliminary combined 2019 water use is 1,890 acre-feet (AF)).
- 18 landowners reported as de minimis users.
- 46 landowners have not replied representing an estimated 2,300 AF.

The worksheet summary is provided as Attachment 1.



	Land IQ Acres	CBWD Registered Irrigated Acres	Estimated ET Value (Land IQ)	Reported/Paid First Fee
<b>A. POTENTIAL NON-REPORTING ENTITIES</b>				
1	1,836.65	1,169.36	1,738.18	Will pay
2	40.31	1,169.36	111.20	Will pay
3	2,435.67		41.06	Will pay
4	320.13	1,169.36	634.44	
5	757.90	1,169.36	359.44	
6	192.19	1,169.36	330.10	
7	73.94	1,169.36	198.77	
8	347.42	1,169.36	95.60	
9	118.27	1,169.36	89.12	
10	55.03		64.37	
11	117.99	61.39	58.17	
12	117.35	80.65	53.73	
13	250.73		50.27	
14	79.26	12.00	46.53	
15	338.43		31.92	
16	39.75	0.20	23.30	
17	119.54	2.00	20.36	
18	39.79		18.51	
19	64.82	-	17.86	
20	285.68	-	14.85	
21	40.02	-	12.72	
22	306.72		12.26	
23	7.52	7.00	9.61	
24	8.96	-	9.51	
25	75.32		9.27	
26	12.68	0.50	8.58	
27	42.76		8.41	
28	79.94	-	8.37	
29	100.07	14.77	7.84	
30	161.08	-	7.40	
31	43.87		6.91	
32	20.26	-	5.78	
33	7.20		5.15	
34	20.51	0.62	4.31	
35	20.11	-	4.26	
36	64.05	-	4.06	
37	40.89	0.18	3.91	
38	314.23		3.47	
39	12.42	-	3.43	
40	21.34		3.37	
41	11.09	0.41	3.13	
42	573.83	-	2.81	
43	9.67	0.13	2.68	
44	20.22	-	2.58	
45	1.13		2.42	
46	1.95		2.32	
47	331.70	0.37	2.05	
48	140.49		1.94	
49	9.61	0.14	1.64	
50	317.84	1,169.36	194.17	De Minimis
51	261.72	1,169.36	123.54	De Minimis
52	138.74	-	29.47	De Minimis
53	24.55	-	18.64	De Minimis
54	20.32	-	16.65	De Minimis
55	197.14		9.21	De Minimis
56	38.16		5.91	De Minimis
57	689.53	-	1,256.92	De Minimis
58	1,137.48		353.99	De Minimis
59	908.67		163.12	De Minimis
60	81.28	-	86.56	De Minimis
61	140.65	3.02	64.70	De Minimis
62	189.20		61.55	De Minimis
63	325.00	-	27.41	De Minimis
64	84.31		10.65	De Minimis
65	87.51		6.94	De Minimis
66	19.76	-	5.56	De Minimis
67	38.07		3.25	De Minimis

**4,157.98 AF (excludes DM users)**



TO: Board of Directors  
Agenda Item No. 14a

FROM: Brian Van Lienden, Woodard & Curran

DATE: January 13, 2021

SUBJECT: Update on Groundwater Sustainability Plan Activities

**Issue**

Update on Woodard & Curran's accomplishments for Nov-Dec 2020 and project schedule.

**Recommended Motion**

None – information only.

**Discussion**

Cuyama Basin Groundwater Sustainability Agency (CBGSA) Groundwater Sustainability Plan (GSP) consultant Woodard & Curran's (W&C) accomplishments are provided as Attachment 1 and the project schedule is provided as Attachment 2.

Cuyama Basin Groundwater Sustainability Agency

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# Update on Groundwater Sustainability Plan Activities

Brian Van Lienden

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January 13, 2021





# November-December Accomplishments

- ✓ Performed field validation/data collection for groundwater levels monitoring
- ✓ Developed options for reductions in groundwater levels monitoring network
- ✓ Developed prioritization for Cuyama Basin model updates following discussion with Ad-hoc committee and Technical Forum
- ✓ Developed proposal for the SGM Prop 68 Implementation Grant and submitted to DWR
- ✓ Completed an indirect and induced economics analysis

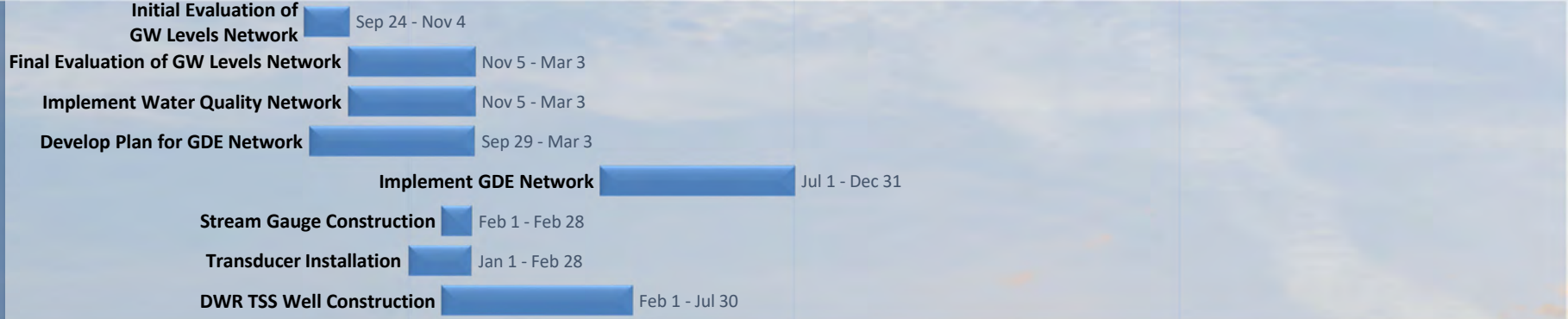
2020

2023

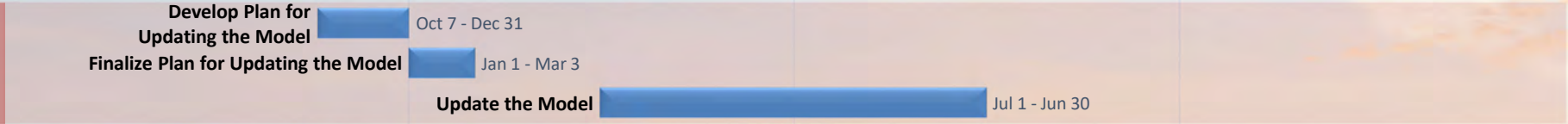


Today

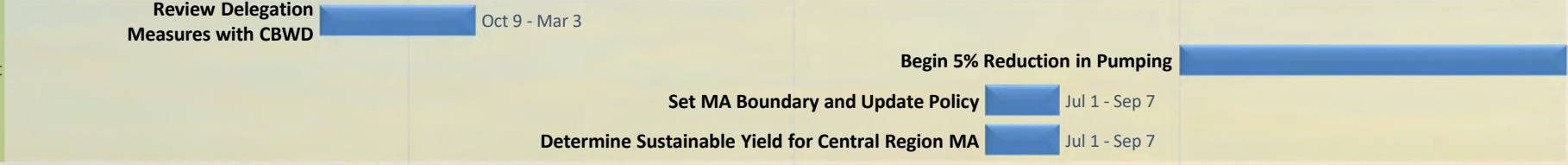
Monitoring Network



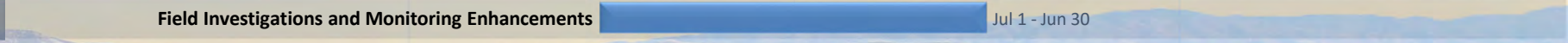
Model Update



Management Area



Addressing Data Gaps



Projects





TO: Board of Directors  
Agenda Item No. 14b

FROM: Brian Van Lienden, Woodard and Curran

DATE: January 13, 2021

SUBJECT: Update on Model Refinement Plan

**Issue**

Update on Model Refinement Plan.

**Recommended Motion**

None – information only.

**Discussion**

An update regarding the model refinement plan is provided as Attachment 1.



Cuyama Basin Groundwater Sustainability Agency

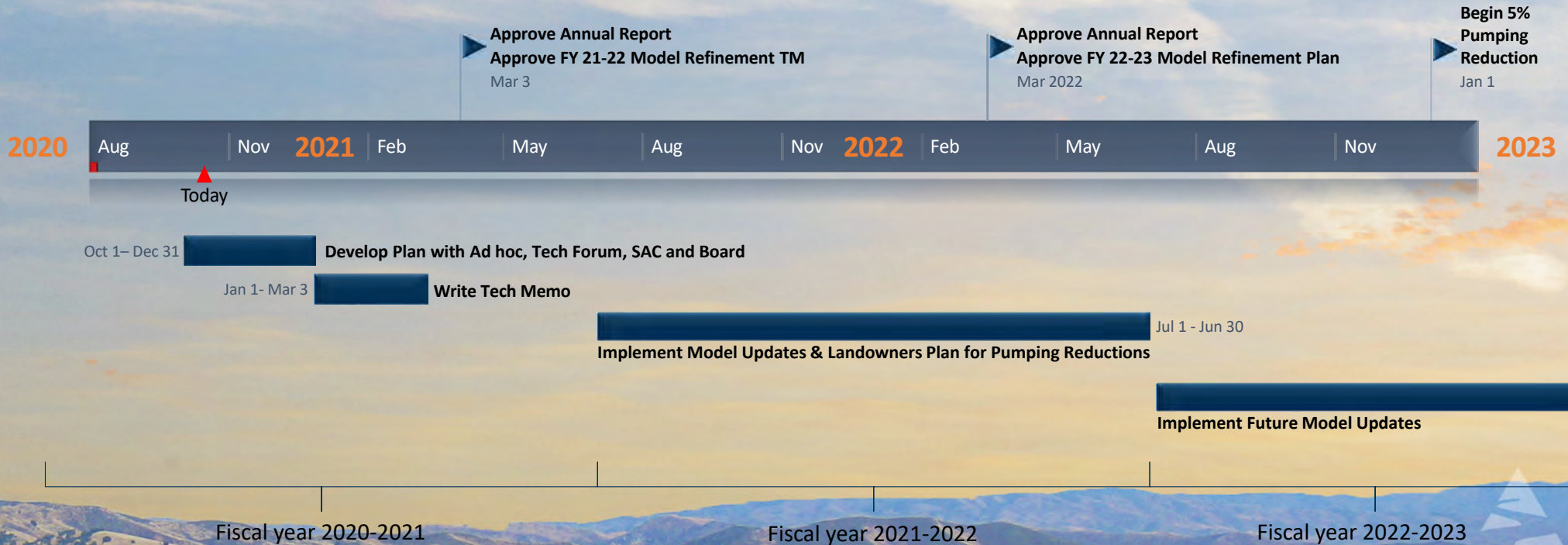
# Update on Model Refinement Plan

Brian Van Lienden

January 13, 2021



# Model Refinement Schedule





# Prioritization of Model Refinement Activities

- High Priority
  - These are included in DWR implementation grant proposal
  - Updated Land Use and Water Use Estimates
    - Develop updated land use and Crop ET estimates for 2018-2020 period
    - Improve existing CIMIS station and develop new CIMIS station(s)
  - Improve Hydrogeological Characterization:
    - Perform 3-4 long-term aquifer tests
  - Enhancement of surface water and non-irrigated land surface representation
    - Install new piezometers in vicinity of the streambed to better understand changes in groundwater levels in vicinity of streambed during high flow events
  - Incorporate Monitoring Network Data into Model Re-calibration
  - Perform Sustainability Scenarios

# Prioritization of Model Refinement Activities

- **Medium Priority**
  - Not included in DWR implementation grant proposal but recommended for future development
  - Develop a Decision Support Platform, which would provide information on the state of the basin on a quarterly basis based on the foundational information from the model, and monthly data on groundwater pumping and hydrologic conditions.
- **Low Priority/Not Recommended**
  - Drilling of boreholes
  - Additional surveying to improve representation of surface water system
  - Perform investigations on native vegetation evapotranspiration and runoff conditions in ungauged watersheds



# Next Steps on Model Refinement Strategy

- Outreach and coordination
  - Additional meeting(s) with Ad-hoc Committee and Technical Forum members (if needed)
- Development of a technical memorandum outlining the refinement strategy (to be completed by March 2021)
  - Will describe cost estimates, prioritization and schedule
- Tech Memo will be used as basis for FY 2021-22 CBGSA budgeting



TO: Board of Directors  
Agenda Item No. 14c

FROM: Brian Van Lienden, Woodard & Curran

DATE: January 13, 2021

SUBJECT: Update on Monitoring Network Implementation

**Issue**

Update on Monitoring Network Implementation.

**Recommended Motion**

None – information only.

**Discussion**

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



Cuyama Basin Groundwater Sustainability Agency

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# Update on Monitoring Network Implementation

Brian Van Lienden

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January 13, 2021



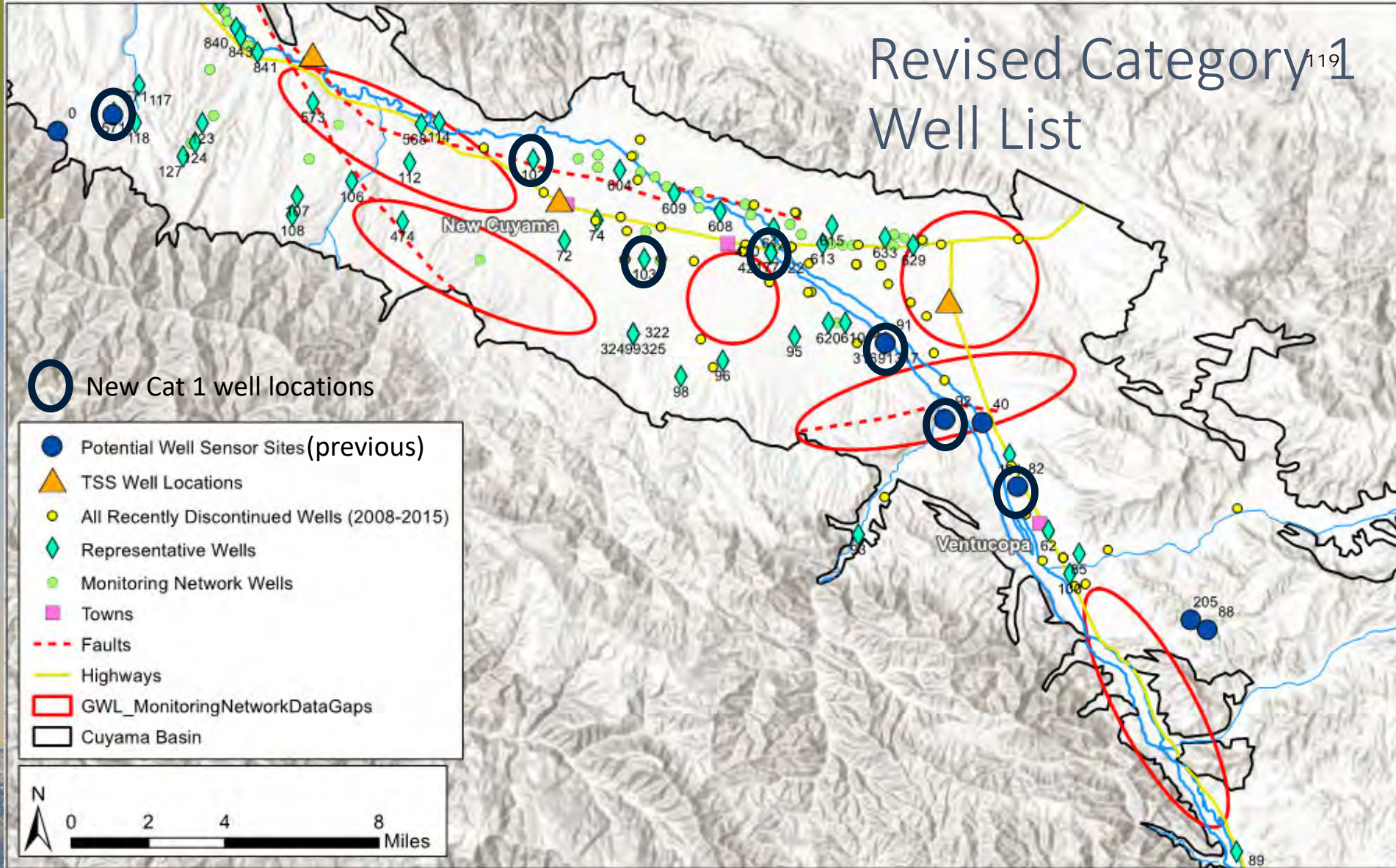
# Groundwater Levels Monitoring Network Status Update – DWR TSS and Category 1

118

- Installation of new wells by DWR Technical Support Services
  - Currently working with DWR and landowners to finalize permits and agreements
  - Installation is scheduled to start in February and to be completed by July
- Installation of transducers with DWR Category 1 grant funding
  - Well owners have been contacted and we are currently working on procuring transducers and landowner agreements
  - Installation is expected during the January-February period



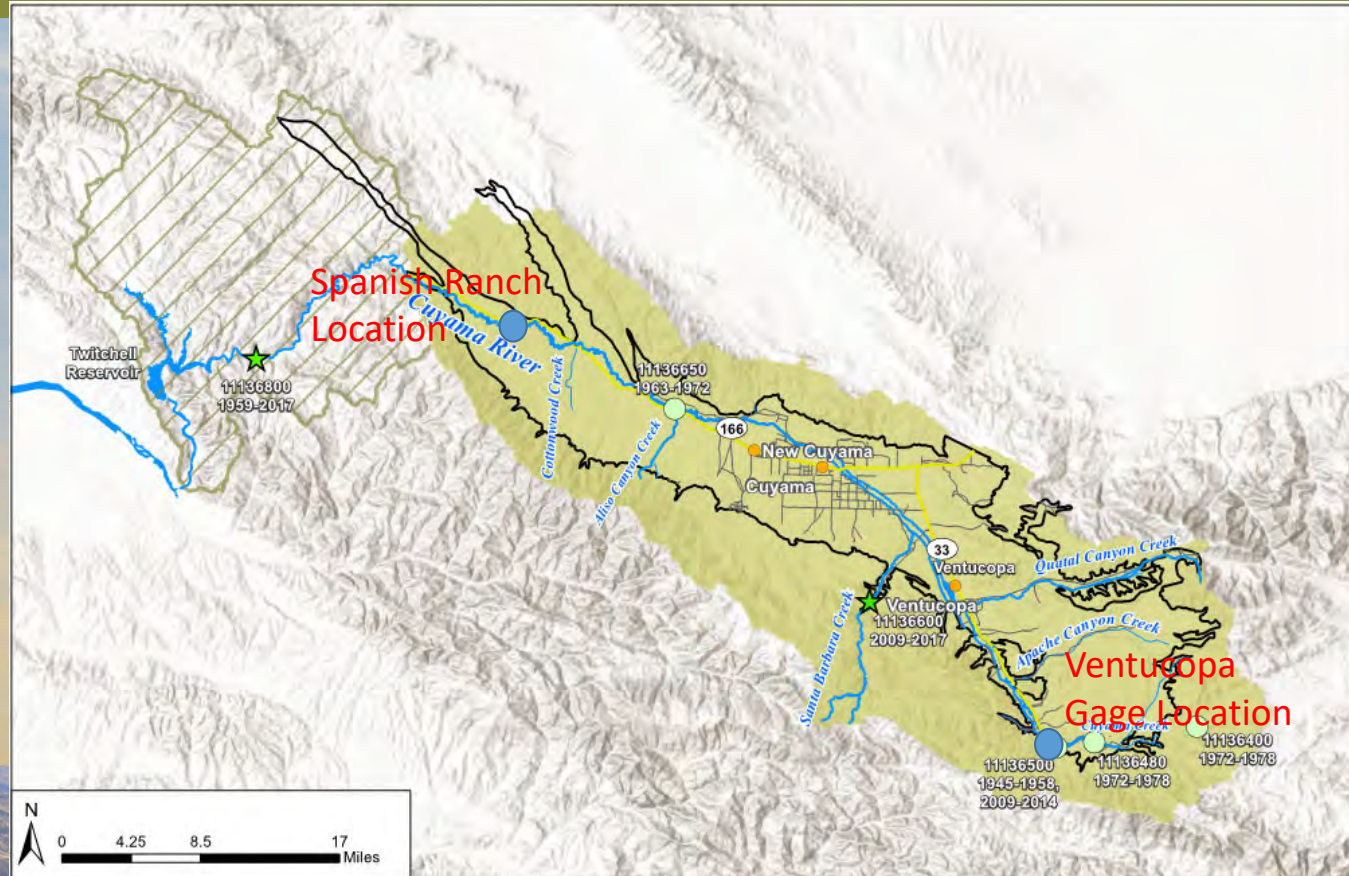
# Revised Category<sup>1</sup> Well List





# Stream Gage Implementation – FY 2020-21

- 2 new streamflow gages will be installed by USGS using Category 1 grant funding from DWR:
  - Upstream of Ventucopa
  - Spanish Ranch
- Gage installation at both locations anticipated by end of February







TO: Board of Directors  
Agenda Item No. 14d

FROM: Brian Van Lienden, Woodard & Curran

DATE: January 13, 2021

SUBJECT: Update on Monthly Groundwater Conditions Report

**Issue**

Update on Groundwater Levels Monitoring Network.

**Recommended Motion**

None – information only.

**Discussion**

An update on the groundwater levels monitoring network and select hydrographs is provided as Attachment 1. The detailed groundwater levels monitoring report for representative wells is provided as Attachment 2.

Cuyama Basin Groundwater Sustainability Agency

Update on Monthly Groundwater Conditions Report

January 13, 2021





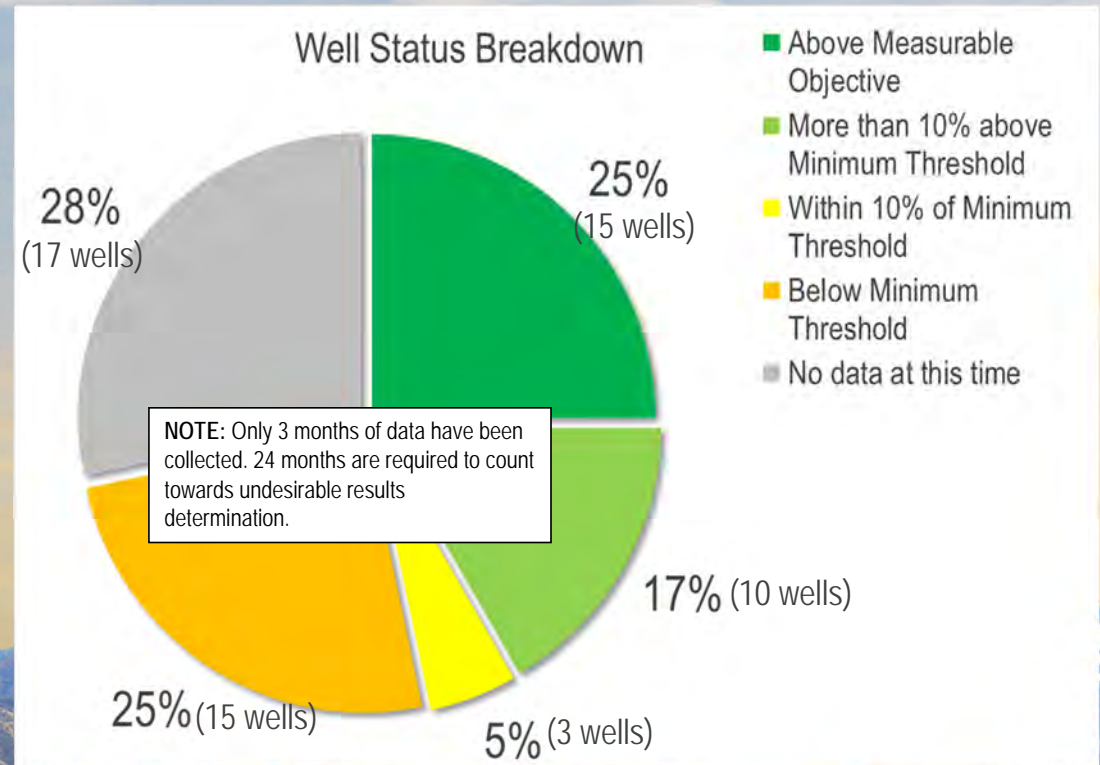
# Groundwater Levels Monitoring Network Implementation – Status Update

123

- Monitoring data from Oct-Dec for representative wells is included in Board packet monitoring summary report
- 41 of 60 representative monitoring wells have levels data in December

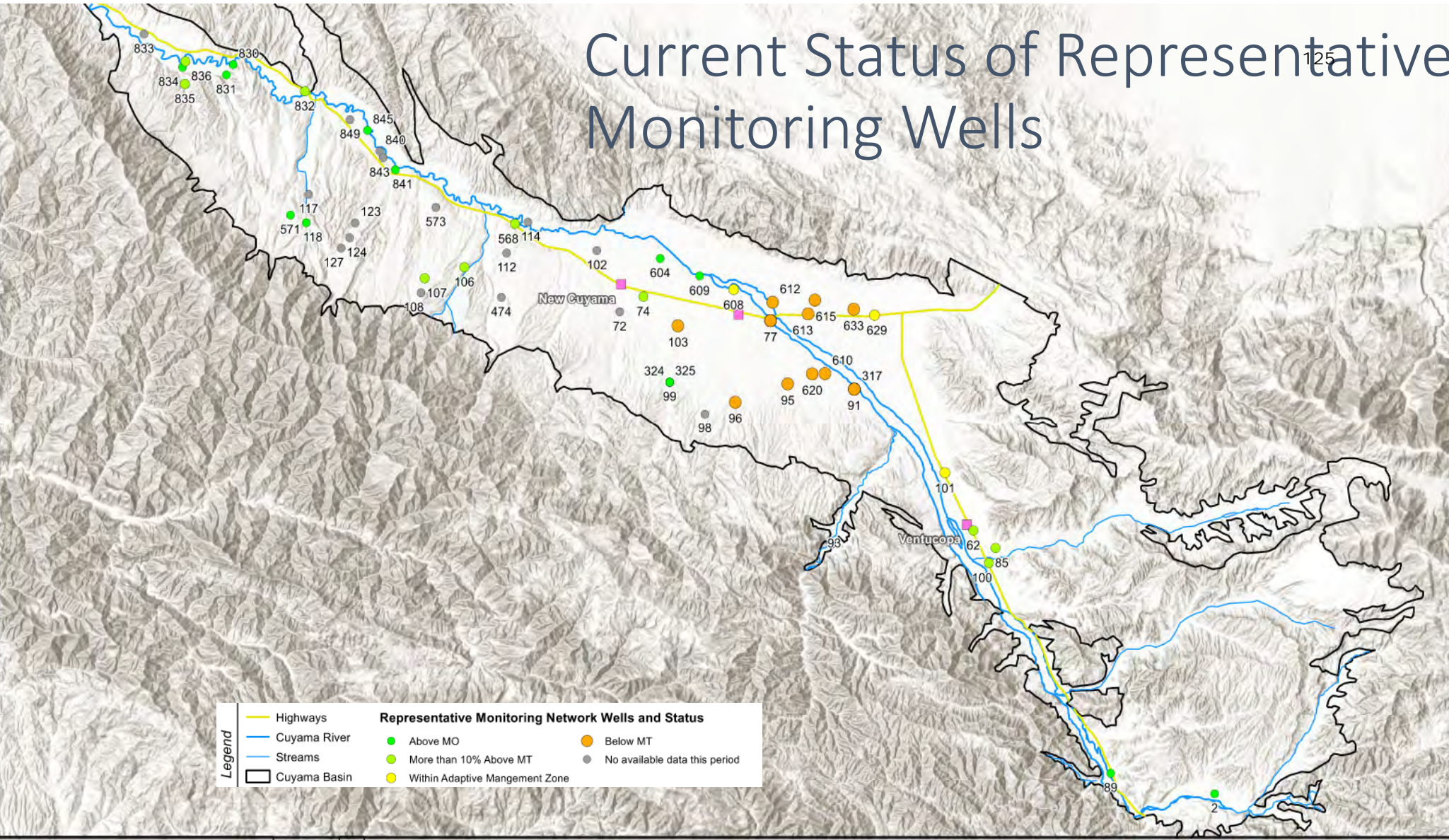
# Summary of Groundwater Well Levels as Compared To Sustainability Criteria

- 15 wells are currently below minimum threshold (MT)
  - 8 of these were already below MT at time of GSP adoption
- Adaptive management recommendation:
  - Continue monitoring to see how many wells recover in the Spring
  - Develop response options if needed



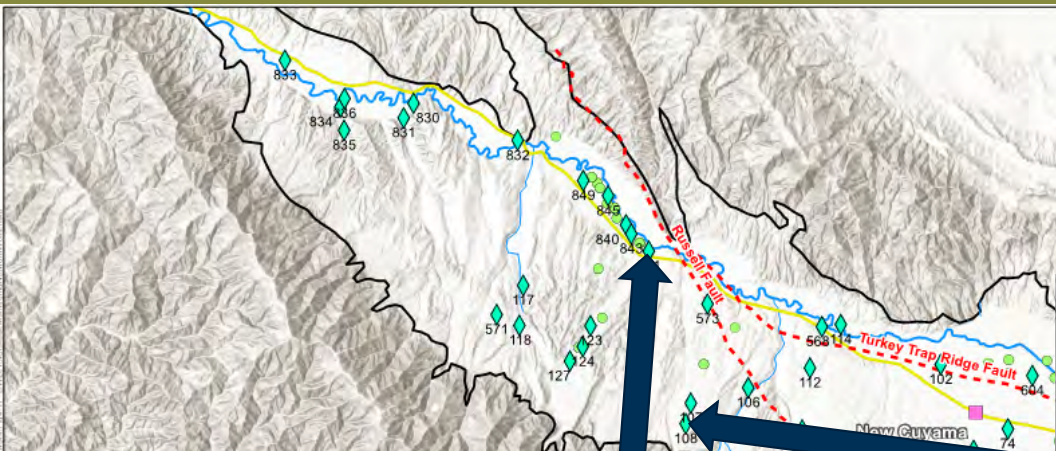


# Current Status of Representative Monitoring Wells

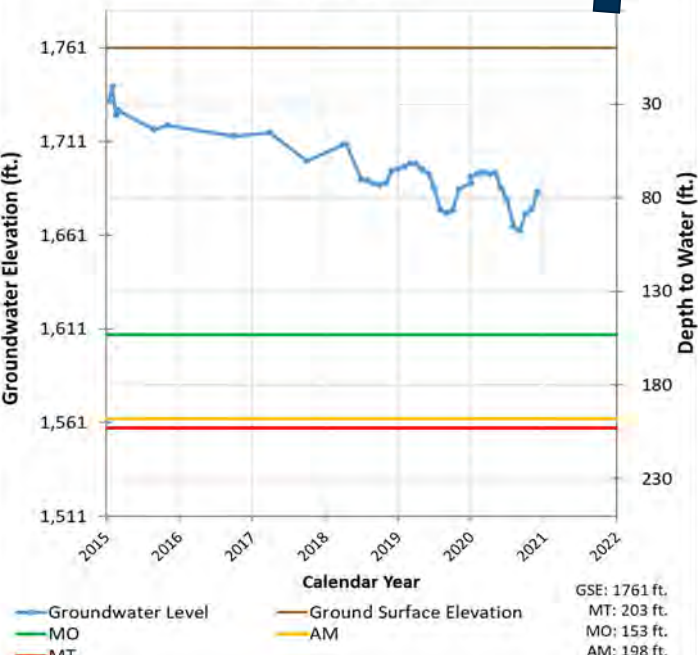




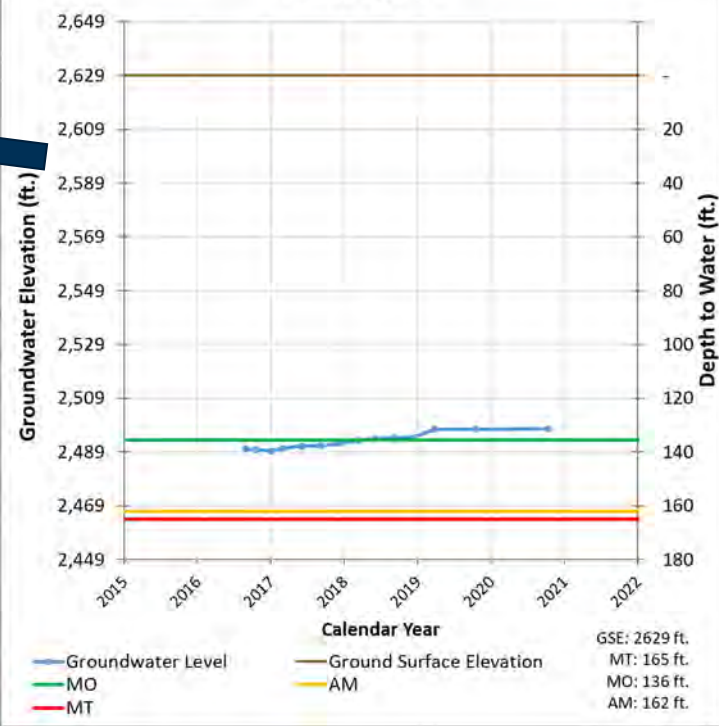
# Updated Hydrographs for Selected Monitoring Wells



841 Hydrograph



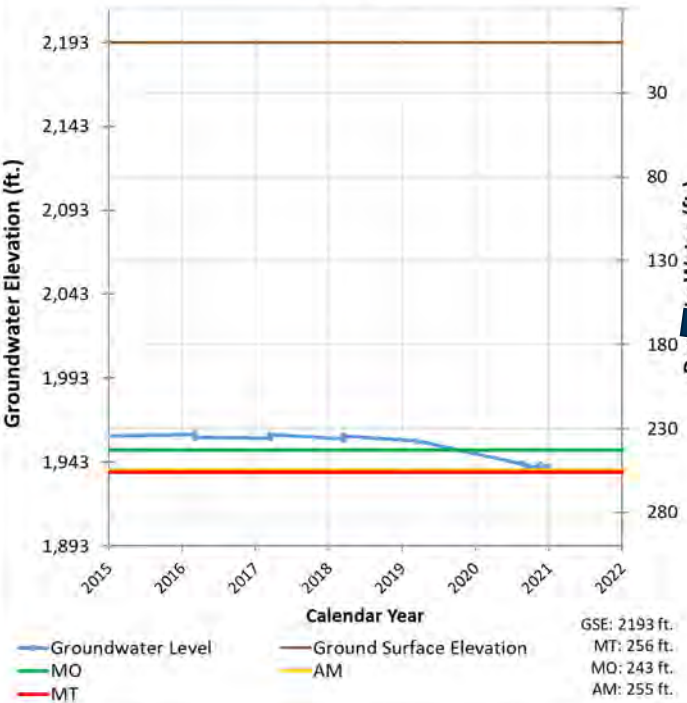
108 Hydrograph



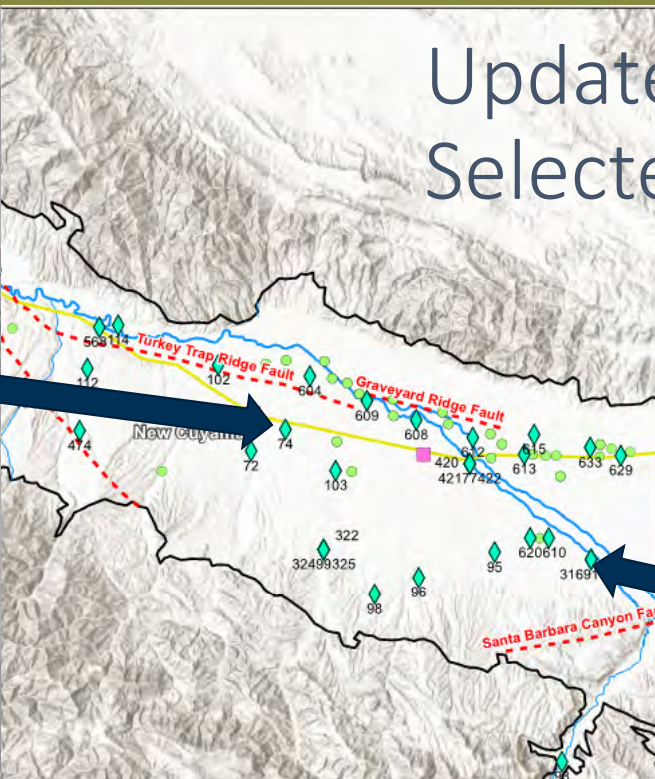


# Updated Hydrographs for Selected Monitoring Wells

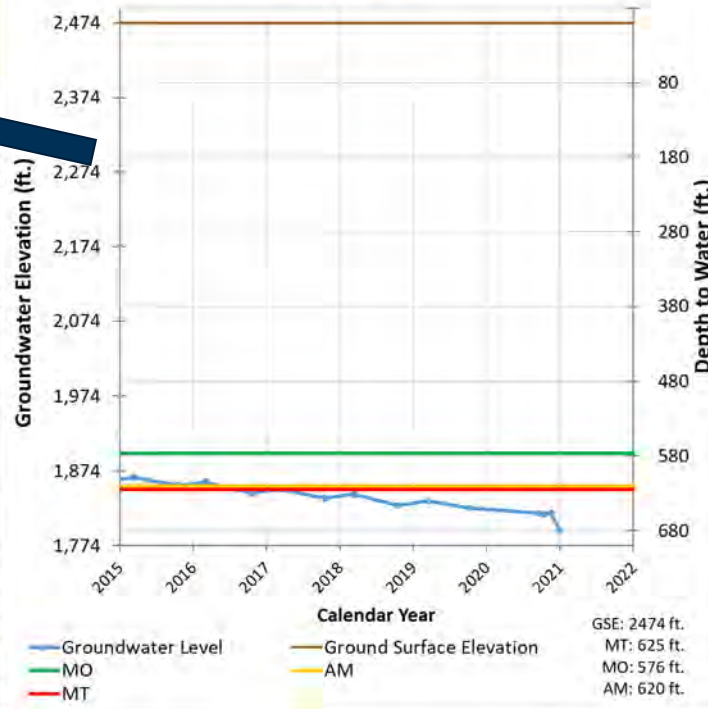
### 74 Hydrograph



Depth to Water (ft.)



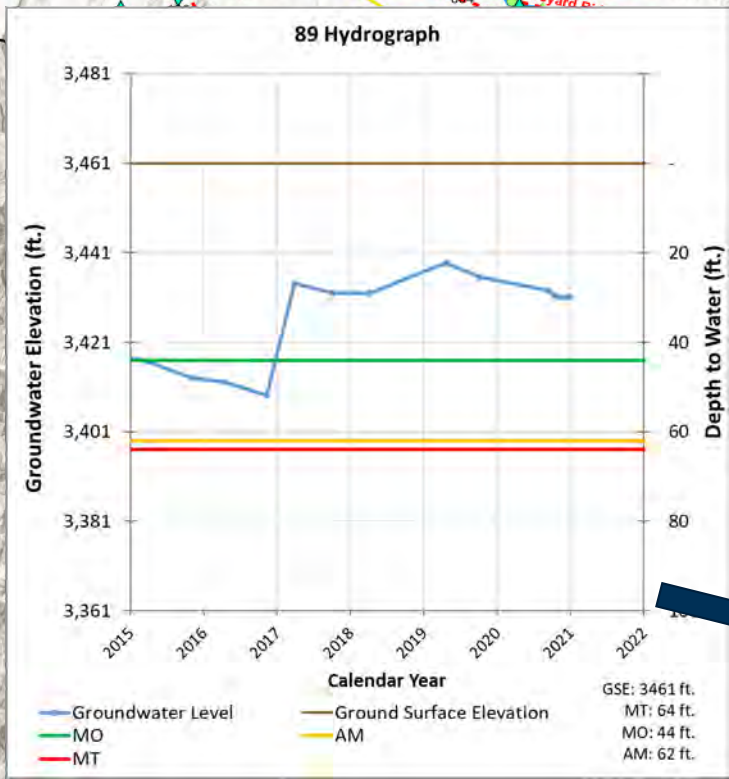
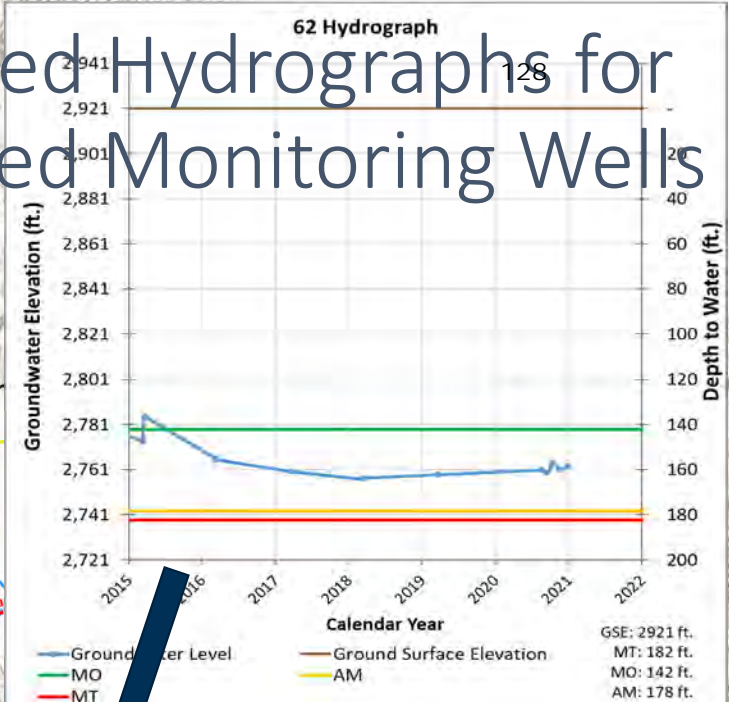
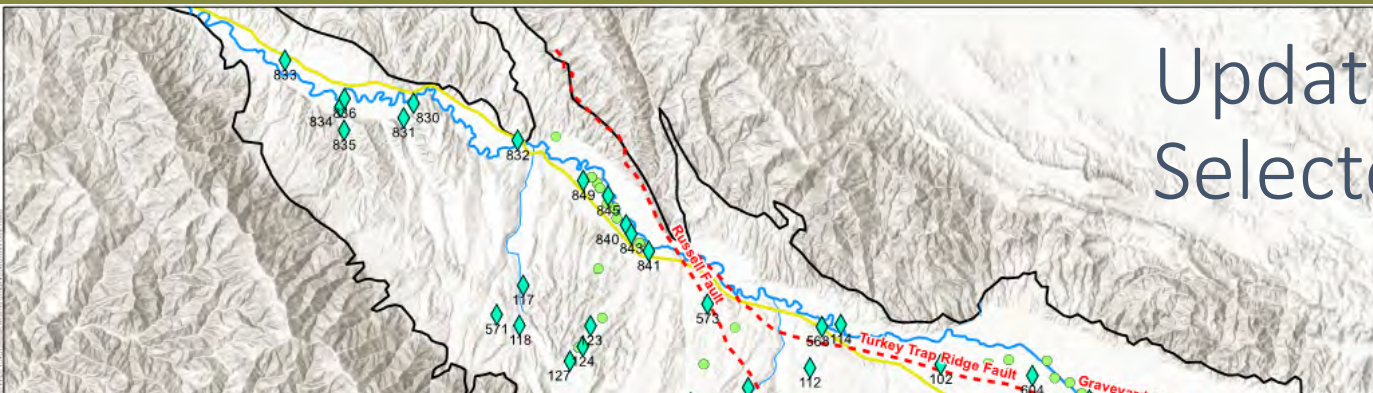
### 91 Hydrograph



Depth to Water (ft.)



# Updated Hydrographs for Selected Monitoring Wells







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

December 2020

801 T Street  
Sacramento, CA.  
916.999.8700

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

COMMITMENT & INTEGRITY DRIVE RESULTS

**Cuyama Valley  
Groundwater  
Sustainability Agency**

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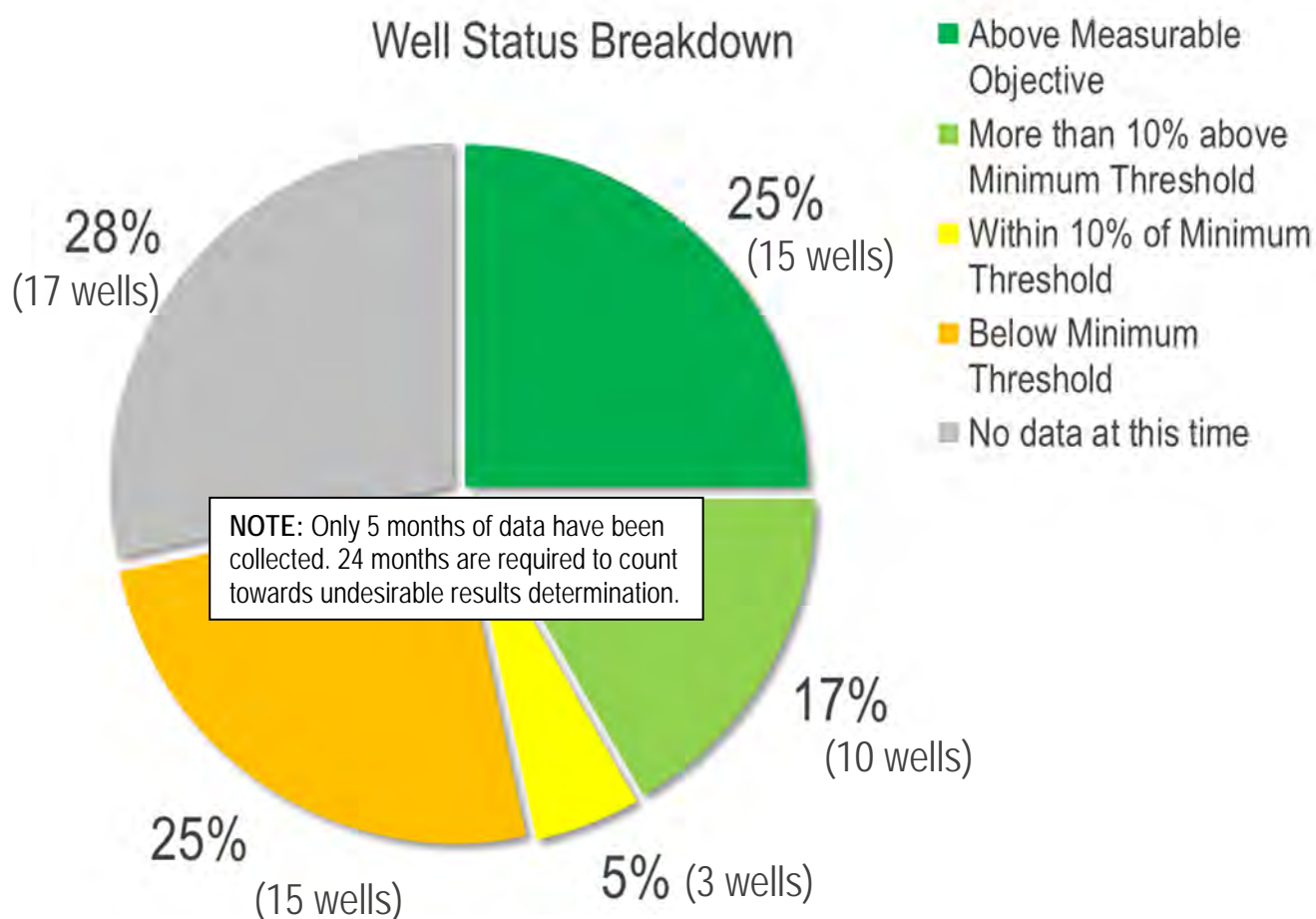
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## 1. INTRODUCTION

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

## 2. SUMMARY STATISTICS



As outlined in the GSP, undesirable results for the chronic lowering of groundwater levels occurs, “when 30 percent of representative monitoring wells... fall below their minimum groundwater elevation threshold for two consecutive years.” (Cuyama GSP, pg. 3-2).

## 3. CURRENT CONDITIONS

Table 1 includes the most recent groundwater level measurements taken in the Cuyama Basin from representative wells included in the Cuyama GSP Groundwater Level Monitoring Network, as well as the previous two measurements. The change in elevation is from approximately one year previous to the most current measurement. Table 2 includes all of the wells and their current status in relation to the thresholds applied to each well, while Figure 1 shows the all wells and their statuses.

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

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

Well	Region	Oct-20	Nov-20	Dec-20	Last Year		Annual Elevation Change
		GWL (ft. msl)	GWL (ft. msl)	GWL (ft. msl)	GWL (ft. msl)	Month/Year	
72	Central	-	-	-	2006	10/9/2019	-
74	Central	1940	1939	1940	1955	3/18/2019	-15
77	Central	1775	1793	1819	1803	10/9/2019	16
91	Central	1817	1816	1794	1824	10/9/2019	-30
95	Central	1852	1852	1854	1872	3/22/2019	-18
96	Central	2272	2271	2272	2276	3/26/2019	-4
98	Central	-	-	-	2239	3/26/2019	-
99	Central	2213	2161	2219	2151	10/2/2019	68
102	Central	-	-	-	1805	3/18/2019	-
103	Central	1965	1960	1988	1980	10/9/2019	8
112	Central	2054	2055	-	-	-	-
114	Central	1878	1754	-	-	-	-
316	Central	1817	1811	1818	-	-	-
317	Central	1817	1811	1819	-	-	-
322	Central	2213	2158	2221	-	-	-
324	Central	2214	2174	2219	-	-	-
325	Central	2218	2197	2221	-	-	-
420	Central	1773	1792	1818	-	-	-
421	Central	1788	1796	1816	-	-	-
422	Central	-	1830	-	-	-	-

Well	Region	Oct-20	Nov-20	Dec-20	Last Year		Annual Elevation Change
		GWL (ft. msl)	GWL (ft. msl)	GWL (ft. msl)	GWL (ft. msl)	Month/Year	
474	Central	2196	2197	-	-	-	-
568	Central	-	1867	1868	-	-	-
604	Central	1658	1641	1646	-	-	-
608	Central	1810	1809	1788	-	-	-
609	Central	1733	1791	1802	-	-	-
610	Central	1812	1813	1820	-	-	-
612	Central	1851	1808	1800	-	-	-
613	Central	-	-	1816	-	-	-
615	Central	1842	1818	1822	-	-	-
620	Central	1815	1836	1814	-	-	-
629	Central	1864	1882	1823	-	-	-
633	Central	1807	-	1803	-	-	-
62	Eastern	2760	2764	2763	-	-	-
85	Eastern	2844	2844	2845	-	-	-
100	Eastern	2852	2852	2852	-	-	-
101	Eastern	-	-	2633	-	-	-
840	Northwestern	-	-	-	1648	12/31/2019	-
841	Northwestern	1672	1761	1684	1689	12/31/2019	-5
843	Northwestern	-	-	-	1673	12/31/2019	-
845	Northwestern	1643	1712	1649	1654	12/31/2019	-5
849	Northwestern	-	-	-	-	-	-

Well	Region	Oct-20	Nov-20	Dec-20	Last Year		Annual Elevation Change
		GWL (ft. msl)	GWL (ft. msl)	GWL (ft. msl)	GWL (ft. msl)	Month/Year	
2	Southeastern	3691	3695	3689	-	-	-
89	Southeastern	3433	3432	3432	-	-	-
106	Western	-	2184	2184	-	-	-
107	Western	-	2399	2399	-	-	-
108	Western	-	2498	-	-	-	-
117	Western	-	-	-	-	-	-
118	Western	-	2215	2214	2212	10/10/2019	2
123	Western	-	-	-	2158	10/10/2019	-
124	Western	-	-	-	2243	10/10/2019	-
127	Western	-	-	-	2333	10/10/2019	-
571	Western	2180	2178	2187	-	-	-
573	Western	2013	2014	-	-	-	-
830	Far-West Northwestern	-	-	1515	1514	3/26/2019	1
831	Far-West Northwestern	-	-	1505	1513	10/10/2019	-8
832	Far-West Northwestern	-	1593	1592	1592	10/9/2019	0
833	Far-West Northwestern	-	1405	-	1429	10/9/2019	-

Well	Region	Oct-20	Nov-20	Dec-20	Last Year		Annual Elevation Change
		GWL (ft. msl)	GWL (ft. msl)	GWL (ft. msl)	GWL (ft. msl)	Month/Year	
834	Far-West Northwestern	1467	-	1467	-	-	-
835	Far-West Northwestern	1520	-	1518	1525	10/10/2019	-7
836	Far-West Northwestern	1450	-	1448	1451	10/10/2019	-3

Table 2: Well Status Related to Thresholds

Well	Region	Current Month		Minimum Threshold	Within 10% Minimum Threshold	Measurable Objective	Status	GSA Action Required?
		GWL (DTW)	Month/Year					
72	Central	-	-	169	165	124	No available data this period	No
74	Central	253	12/28/2020	256	255	243	More than 10% above Minimum Threshold	No
77	Central	467	12/28/2020	450	445	400	Below Minimum Threshold (4 months)	No
91	Central	680	12/28/2020	625	620	576	Below Minimum Threshold (4 months)	No
95	Central	595	12/28/2020	573	570	538	Below Minimum Threshold (5 months)	No
96	Central	334	12/28/2020	333	332	325	Below Minimum Threshold (1 month)	No
98	Central	-	-	450	449	439	No available data this period	No
99	Central	294	12/28/2020	311	310	300	Above Measurable Objective	No
102	Central	-	-	235	231	197	No available data this period	No
103	Central	301	12/31/2020	290	285	235	Below Minimum Threshold (5 months)	No
112	Central	-	-	87	87	85	No available data this period	No
114	Central	-	-	47	47	45	No available data this period	No
316	Central	656	12/28/2020	623	618	574	Below Minimum Threshold (4 months)	No
317	Central	655	12/28/2020	623	618	573	Below Minimum Threshold (4 months)	No
322	Central	292	12/28/2020	307	306	298	Above Measurable Objective	No
324	Central	294	12/28/2020	311	310	299	Above Measurable Objective	No
325	Central	292	12/28/2020	300	299	292	Above Measurable Objective	No
420	Central	468	12/28/2020	450	445	400	Below Minimum Threshold (4 months)	No
421	Central	470	12/28/2020	446	441	398	Below Minimum Threshold (4 months)	No
422	Central	-	-	444	439	397	No available data this period	No



Well	Region	Current Month		Minimum Threshold	Within 10% Minimum Threshold	Measurable Objective	Status	GSA Action Required?
		GWL (DTW)	Month/Year					
474	Central	-	-	188	186	169	No available data this period	No
568	Central	37	12/29/2020	37	37	36	More than 10% above Minimum Threshold	No
604	Central	479	12/31/2020	526	522	487	Above Measurable Objective	No
608	Central	436	12/31/2020	436	433	407	Within Adaptive Management Zone	No
609	Central	365	12/31/2020	458	454	421	Above Measurable Objective	No
610	Central	622	12/31/2020	621	618	591	Below Minimum Threshold (5 months)	No
612	Central	466	12/31/2020	463	461	440	Below Minimum Threshold (1 month)	No
613	Central	514	12/28/2020	503	500	475	Below Minimum Threshold (2 months)	No
615	Central	505	12/28/2020	500	497	468	Below Minimum Threshold (1 month)	No
620	Central	618	12/31/2020	606	602	566	Below Minimum Threshold (2 months)	No
629	Central	556	12/28/2020	559	556	527	Within Adaptive Management Zone	No
633	Central	561	12/28/2020	547	542	493	Below Minimum Threshold (5 months)	No
62	Eastern	158	12/28/2020	182	178	142	More than 10% above Minimum Threshold	No
85	Eastern	202	12/28/220	233	225	147	More than 10% above Minimum Threshold	No
100	Eastern	152	12/28/2020	181	175	125	More than 10% above Minimum Threshold	No
101	Eastern	108	12/28/2020	111	108	81	Within Adaptive Management Zone	No
840	Northwestern	-	-	203	198	153	No available data this period	No
841	Northwestern	77	12/1/2020	203	198	153	Above Measurable Objective	No
843	Northwestern	-	-	203	198	153	No available data this period	No
845	Northwestern	63	12/1/2020	203	198	153	Above Measurable Objective	No

Well	Region	Current Month		Minimum Threshold	Within 10% Minimum Threshold	Measurable Objective	Status	GSA Action Required?
		GWL (DTW)	Month/Year					
849	Northwestern	-	-	203	198	153	No available data this period	No
2	Southeastern	31	12/28/2020	72	70	55	Above Measurable Objective	No
89	Southeastern	29	12/28/2020	64	62	44	Above Measurable Objective	No
106	Western	143	12/29/2020	154	153	141	More than 10% above Minimum Threshold	No
107	Western	83	12/29/2020	91	89	72	More than 10% above Minimum Threshold	No
108	Western	-	-	165	162	136	No available data this period	No
117	Western	-	-	160	159	151	No available data this period	No
118	Western	56	12/29/2020	124	117	57	Above Measurable Objective	No
123	Western	-	-	31	29	13	No available data this period	No
124	Western	-	-	73	71	57	No available data this period	No
127	Western	-	-	42	41	32	No available data this period	No
571	Western	120	12/29/2020	144	142	121	Above Measurable Objective	No
573	Western	-	-	118	113	68	No available data this period	No
830	Far-West Northwestern	56	12/29/2020	59	59	56	Above Measurable Objective	No
831	Far-West Northwestern	52	12/29/2020	77	75	52	Above Measurable Objective	No
832	Far-West Northwestern	38	12/29/2020	45	44	30	More than 10% above Minimum Threshold	No
833	Far-West Northwestern	-	-	96	89	24	No available data this period	No

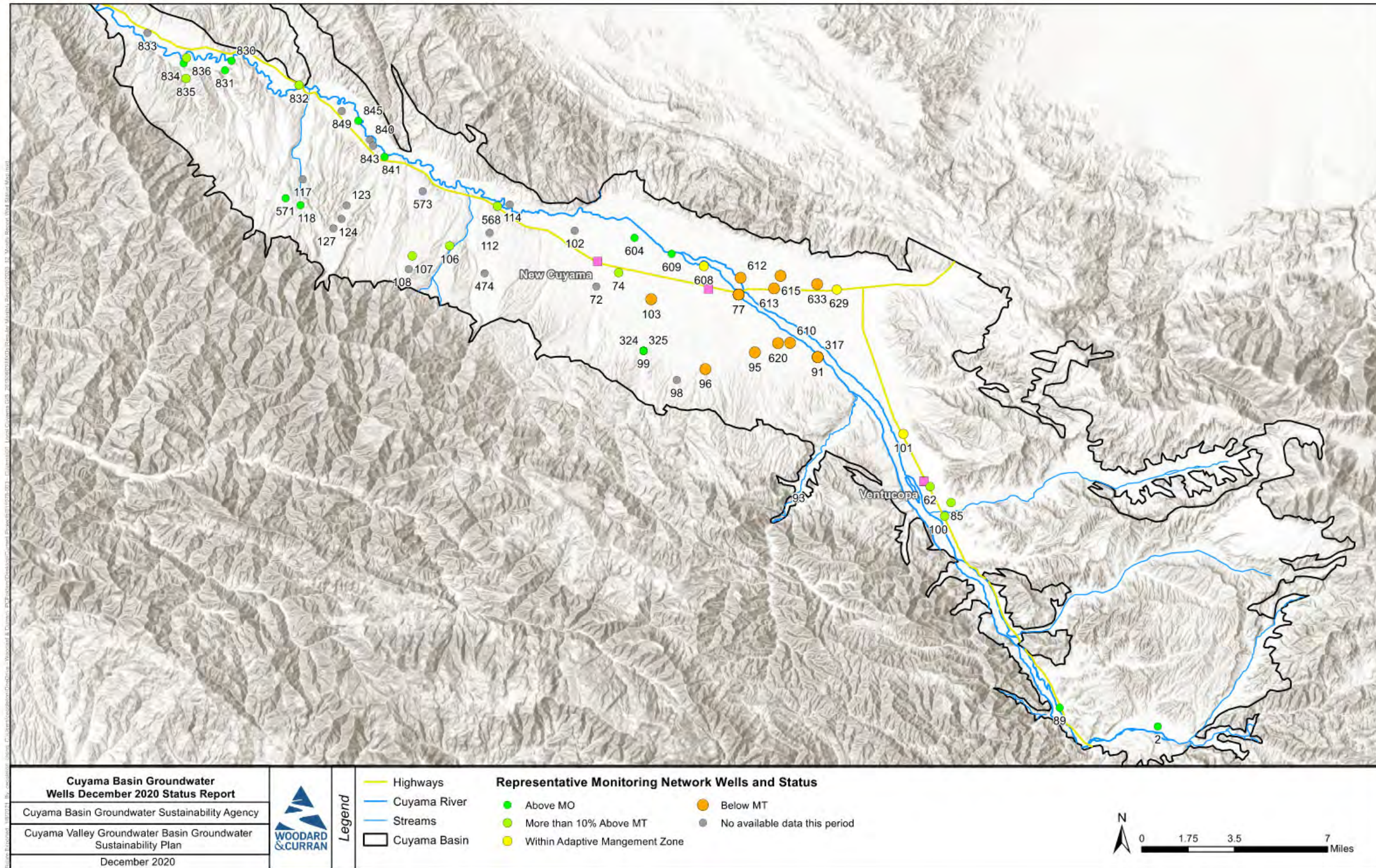
Well	Region	Current Month		Minimum Threshold	Within 10% Minimum Threshold	Measurable Objective	Status	GSA Action Required?
		GWL (DTW)	Month/Year					
834	Far-West Northwestern	41	12/31/2020	84	80	42	Above Measurable Objective	No
835	Far-West Northwestern	37	12/31/2020	55	53	36	More than 10% above Minimum Threshold	No
836	Far-West Northwestern	38	12/31/2020	79	75	36	More than 10% above Minimum Threshold	No

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





Figure 1: Groundwater Level Representative Wells and Status





## 4. HYDROGRAPHS

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

Figure 2: Southeast Region – Well 89

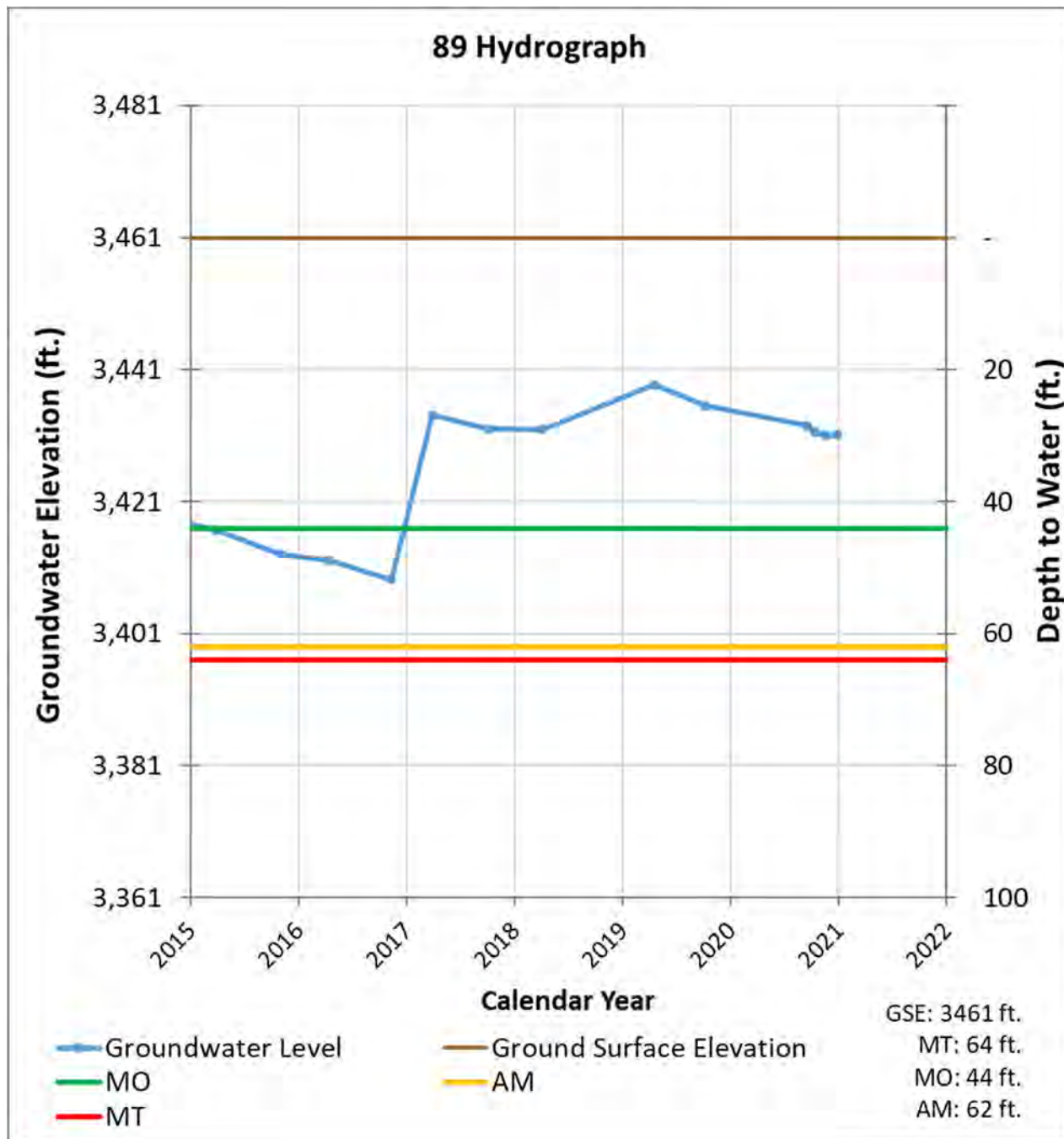


Figure 3: Eastern Region – Well 62

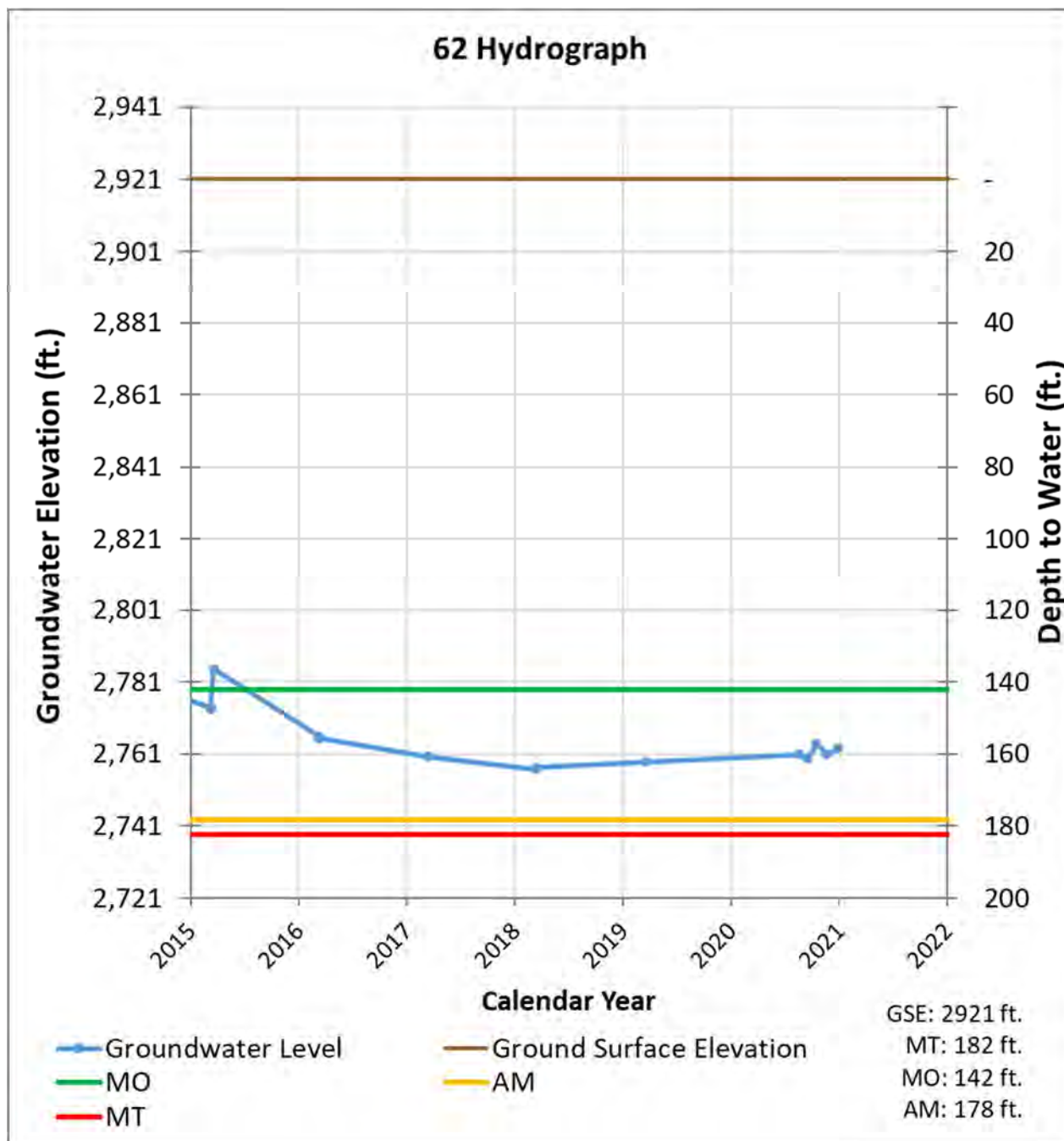




Figure 4: Central Region – Well 91

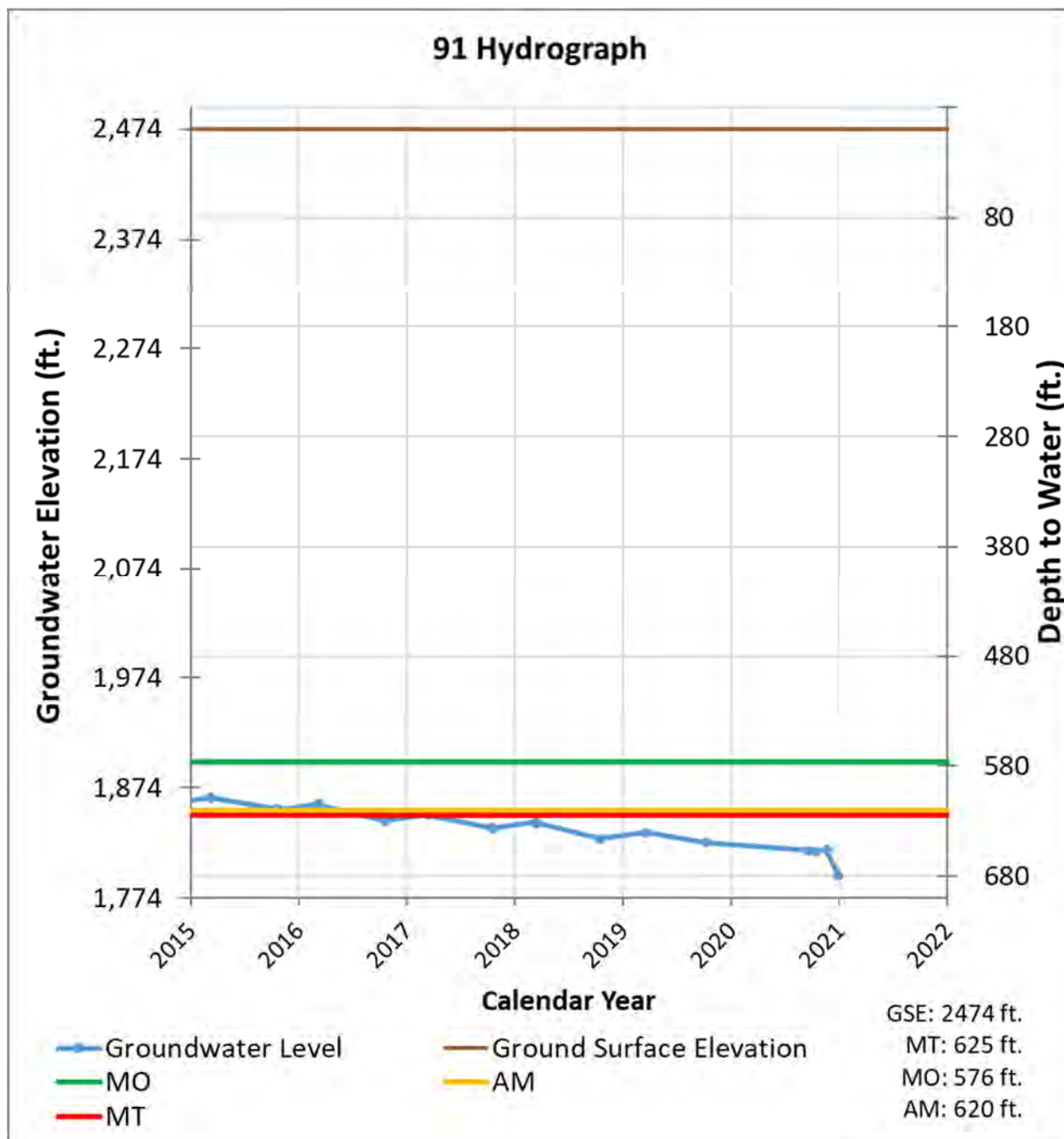


Figure 5: Central Region – Well 74

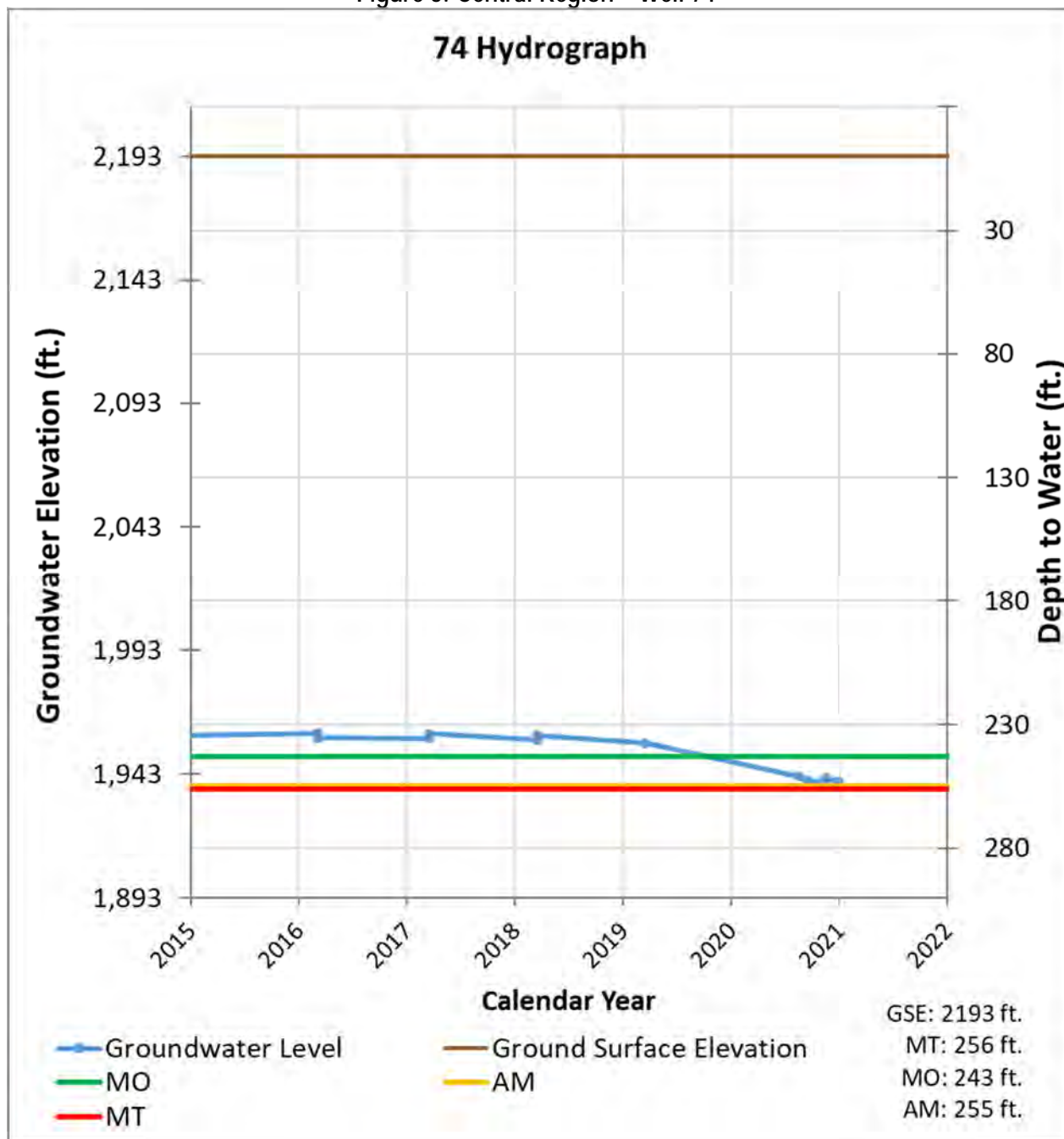


Figure 6: Western Region – Well 108

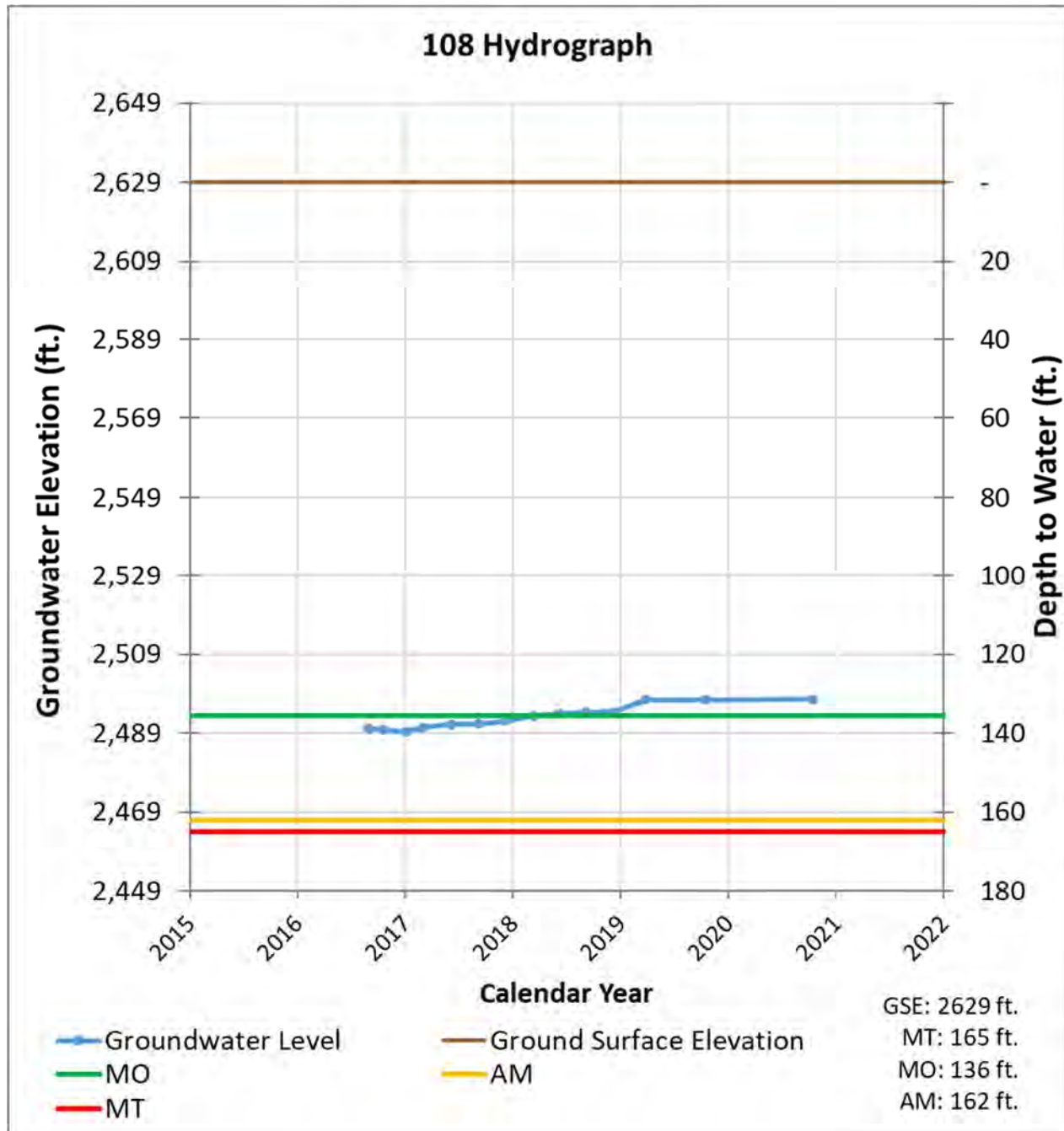
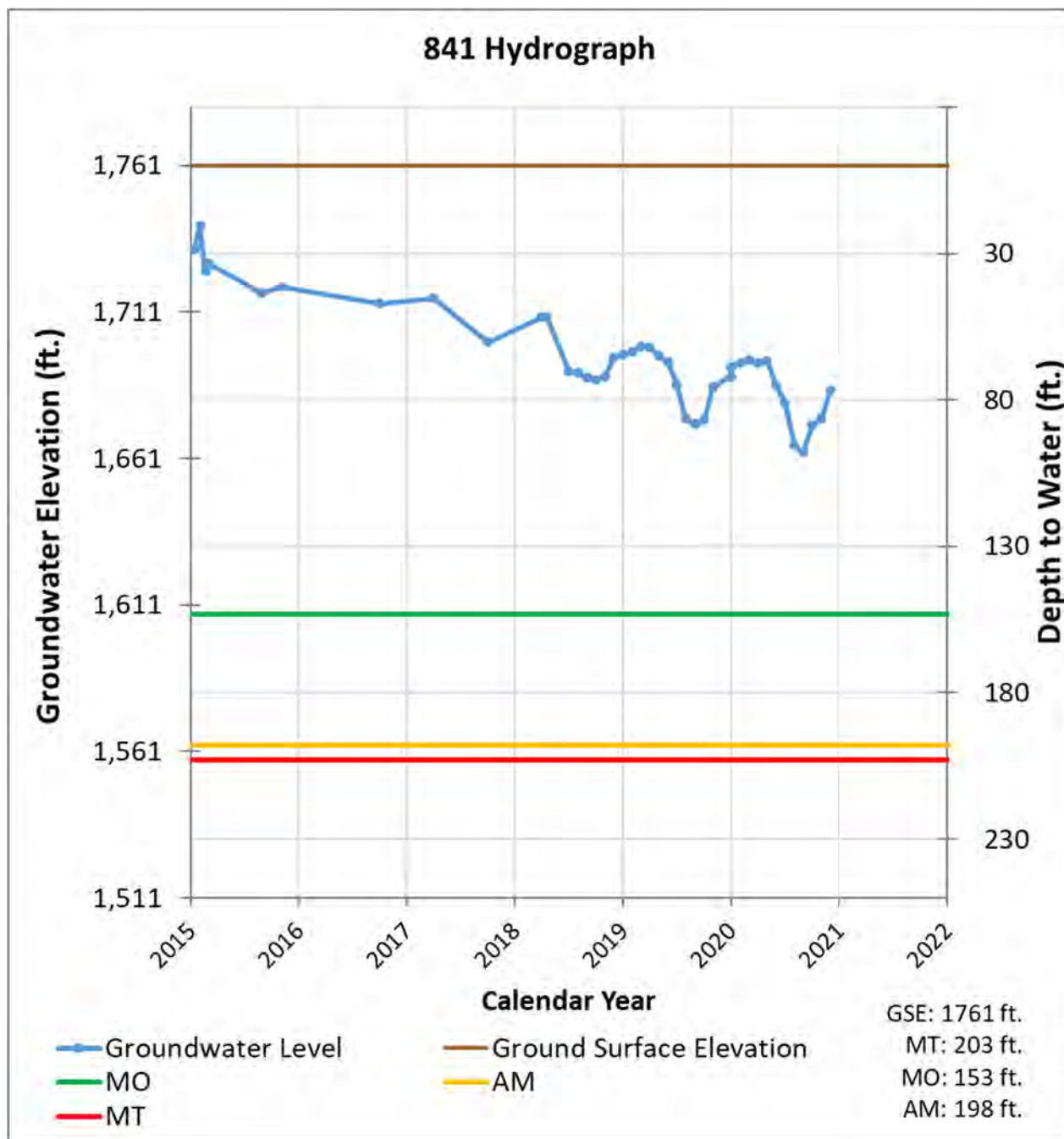


Figure 7: Northwestern Region – Well 841



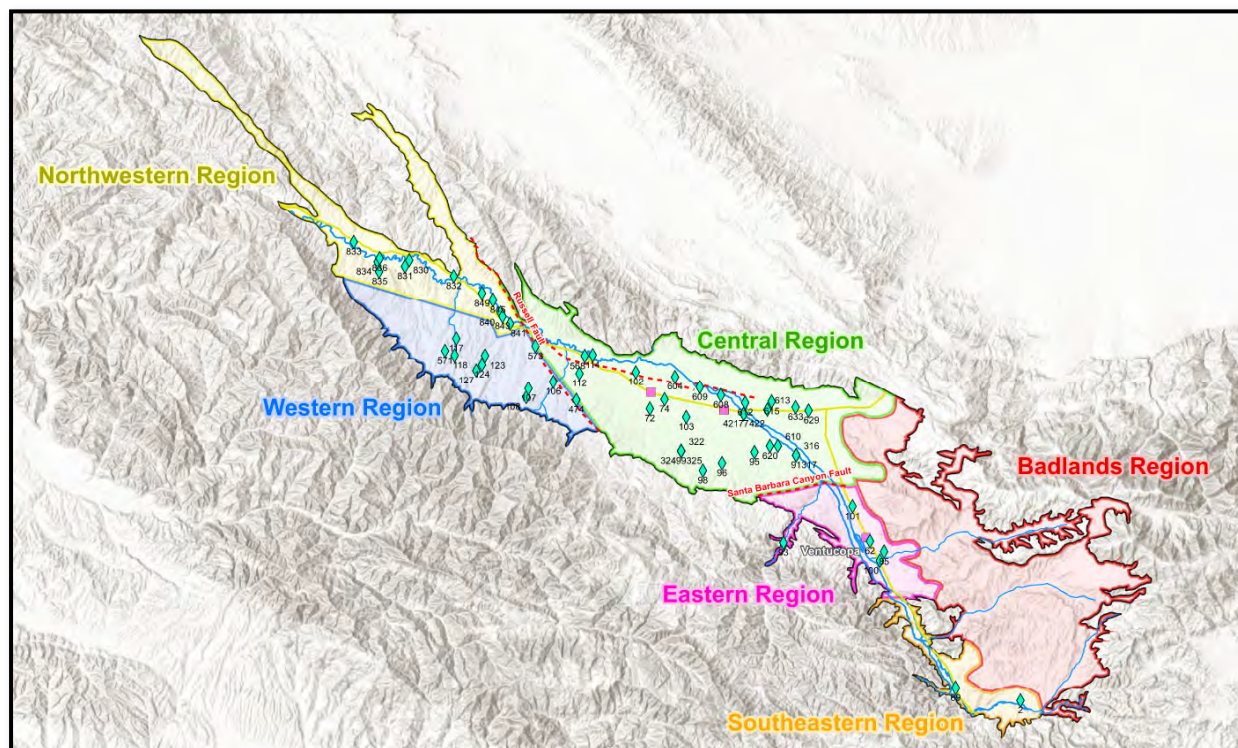


Figure 8: Threshold Regions in the Cuyama Groundwater Basin

## 5. MONITORING NETWORK UPDATES

As shown in the Summary Statistics Section, there are 17 wells without current measurements. These “no measurement codes” can generally be caused for three different reasons. Additionally, three wells are recommended to be removed from the monitoring network at this time as described below.

- Access agreements have not yet been established with the landowner, access has not been granted yet, or no access at time of measurement:
  - Wells 72, 98, 117, 123, 124, 127, 833, 840, 843, 849
- Well transducer data is not yet available:
  - Wells 102
- Measurement was not possible at the time when the field technician went to take measurements:
  - 108, 112, 114, 474, 573
- Wells that have gone dry:
  - 422



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COMMITMENT & INTEGRITY DRIVE RESULTS





TO: Board of Directors  
Agenda Item No. 14e

FROM: Brian Van Lienden, Woodard & Curran

DATE: January 13, 2021

SUBJECT: Update on Prop 68 Implementation Grant Application

**Issue**

Update on Prop 68 Implementation Grant Application.

**Recommended Motion**

None – information only.

**Discussion**

An update on the Prop 68 Implementation Grant Application is provided as Attachment 1.

Cuyama Basin Groundwater Sustainability Agency

# Update on Prop 68 Implementation Grant Application

Brian Van Lienden

January 13, 2021





# Overview of Prop 68 SGM Implementation Grant<sup>151</sup> Opportunities

- Round 1:
  - \$26 million
  - Critically overdrafted basins only
- Round 2:
  - \$62 million
  - Open to all medium and high priority basins
- Range of grant awards:
  - \$2-5 million

TABLE 2 – SCHEDULE FOR SGM IMPLEMENTATION – ROUNDS 1 AND 2 GRANT SOLICITATION

Milestone or Activity	Tentative Schedule <sup>2</sup>
<b>Round 1 Schedule</b>	
Final 2020 PSP posted to public	December 2020
Round 1 Grant Solicitation Opens	December 2020
Application Workshop	January 2021
Round 1 Grant Solicitation Closes	January 2021
Public Review of Draft Funding List	March 2021
Final Awards	May 2021
<b>Round 2 Schedule</b>	
Round 2 Grant Solicitation Opens	Spring 2022
Public Review of Draft Funding List	Summer 2022
Final Awards	Fall 2022

<sup>2</sup> Dates are subject to change and will be determined based on number of comments received for the draft document, number of applications received, amount of funds requested, and number of grant awards given.

# Status of Cuyama Basin Grant Proposal

- A grant proposal was submitted to DWR on January 8 requesting \$5 million
- Activities included in the grant proposal
  - Grant administration
  - Capital improvements and field investigations
    - Dedicated monitoring wells
    - Piezometers
    - New weather stations and enhancement of existing weather stations
    - Aquifer tests
  - Model and data enhancements
    - Development of land use data for 2018-2020
    - DMS enhancements
    - Re-calibration of Cuyama Basin numerical model with new data
    - Perform sustainability scenarios to improve understanding of potential pumping reduction scenarios
  - Water supply project implementation:
    - Precipitation enhancement feasibility study
    - Flood/stormwater capture water rights analysis



TO: Board of Directors  
Agenda Item No. 14f

FROM: Brian Van Lienden, Woodard & Curran

DATE: January 13, 2021

SUBJECT: Update on Indirect Economic Report

**Issue**

Presentation on Indirect Economic Report.

**Recommended Motion**

None – information only.

**Discussion**

A presentation on the Indirect Economic Report developed by ERA is provided as Attachment 1.

# Cuyama Basin GSP Economic Impact Analysis

Duncan MacEwan  
Brooks Ronspies

Cuyama Basin Groundwater Sustainability Agency

Virtual Meeting  
January 13, 2020



# Agenda

1. Project overview
2. Baseline economic conditions
3. Direct economic impact analysis summary
4. Secondary economic impacts
5. Impact analysis summary

# Project overview

- Background
  - Direct economic impact analysis (December 2019)
  - This extension study authorized and funded under DWR Prop. 68 Planning Grant
- Study Objective
  - Quantify the impact (direct and secondary) of GSP implementation in the Cuyama Basin to better understand the economic consequences to linked businesses, farmworkers, and the broader regional economy
- Study Approach
  - Develop a custom input-output model of the regional economy using the results of the 2019 direct impact analysis, outreach to local growers, businesses, and stakeholders, and secondary sources

# Summary Results

Annual Impact	Direct	Indirect	Induced	Total
Total Output (\$ millions)	(\$73.7)	(\$78.2)	(\$50.1)	(\$202.1)
Total Employment (FTE jobs)	(560)	(437)	(340)	(1,337)

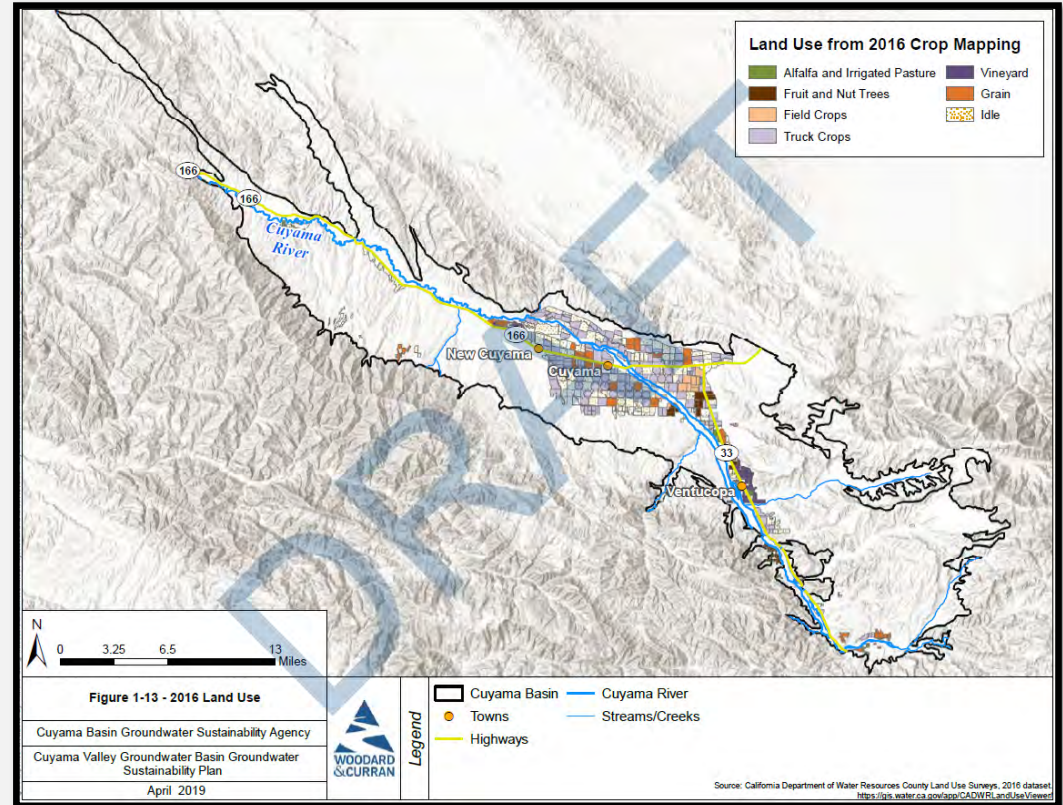
Note: Indirect effects include downstream industry impacts

- **Direct:** Primary farming
- **Indirect:** Farming input purchases from other businesses and downstream industry losses
- **Induced:** employee expenditures in various industries

# BASELINE ECONOMIC CONDITIONS

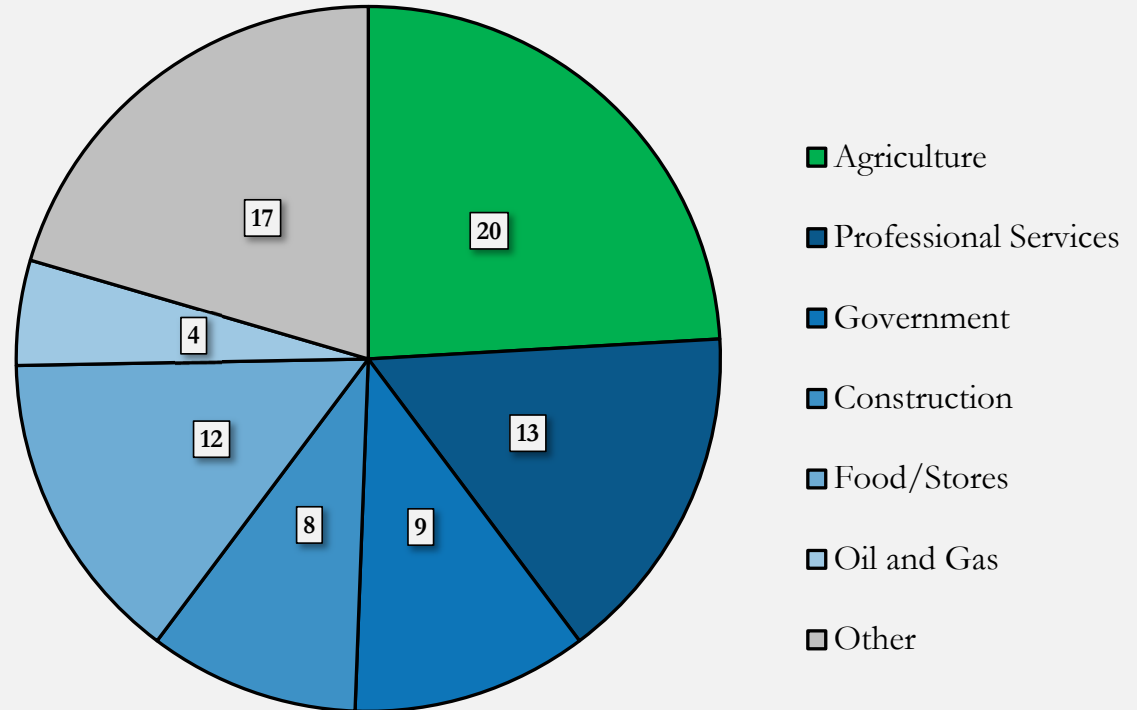
# Cuyama Basin and Regional Economy

- Agriculture is the primary industry in the basin
- 4-county regional economy
  - Kern, San Luis Obispo, Ventura, and Santa Barbara Counties
- Businesses, labor, economic activity are closely linked



# Cuyama Basin: Businesses

- Cuyama Basin industries
  - Agriculture
  - Limited local service and retail industries
  - Oil and gas
  - Other professional services and government-related businesses

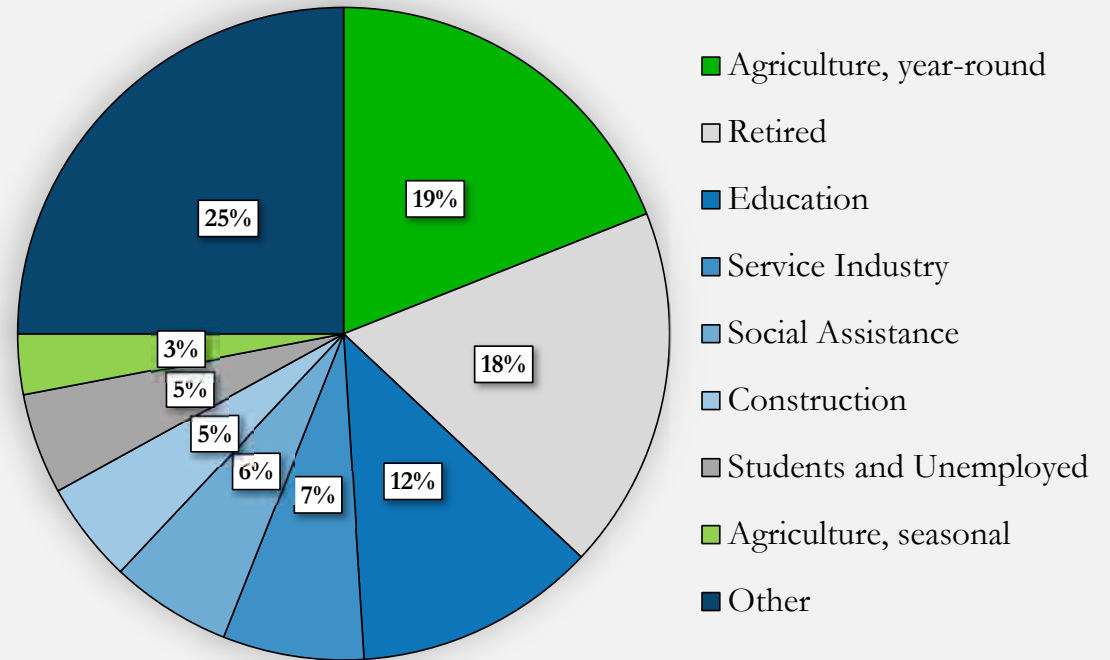


Source: US Census. ACS Survey. 2018.



# Cuyama Basin: Employment

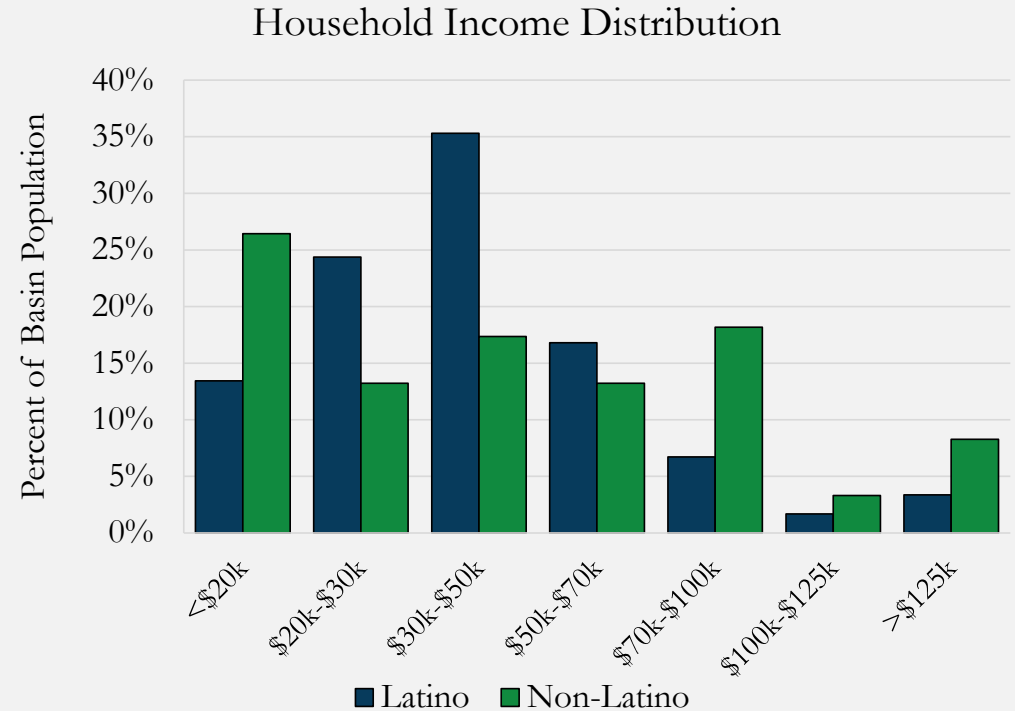
- Ag employment estimates vary
  - US Census estimate: 69 or 29% of total
  - UCSB estimate: 154 or 18% of total
  - Blue Sky Estimate: 170 or 22% of total
- Total working population ~600



Source: Blue Sky Center. Cuyama Valley Action Plan. 2020.

# Cuyama Basin: Demographics and Income

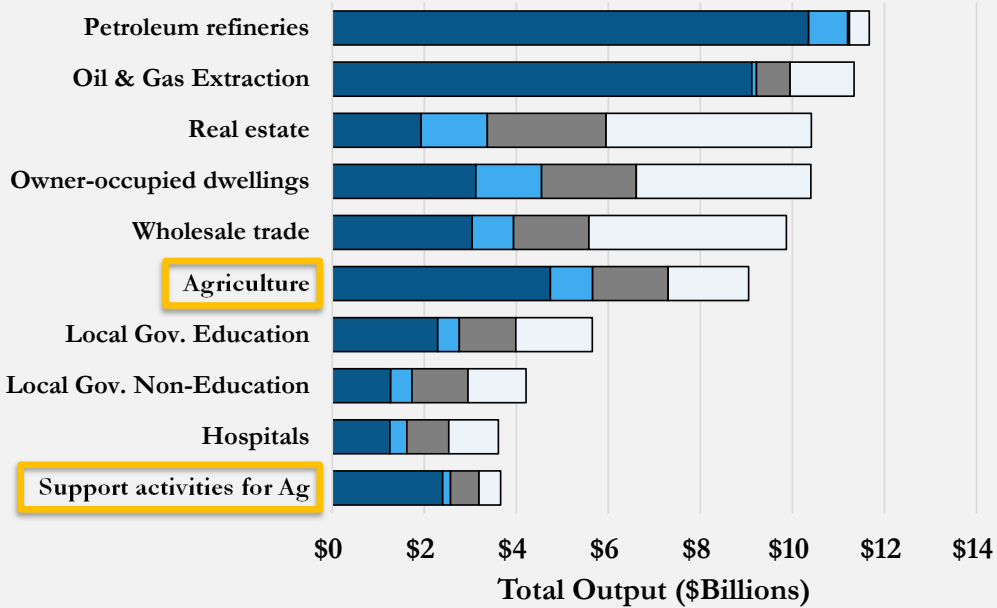
- Ethnic Background
  - Latino 60%
  - Non-Latino 40%
- Percent households below poverty line
  - Cuyama Basin: 15%
  - State average: 11%



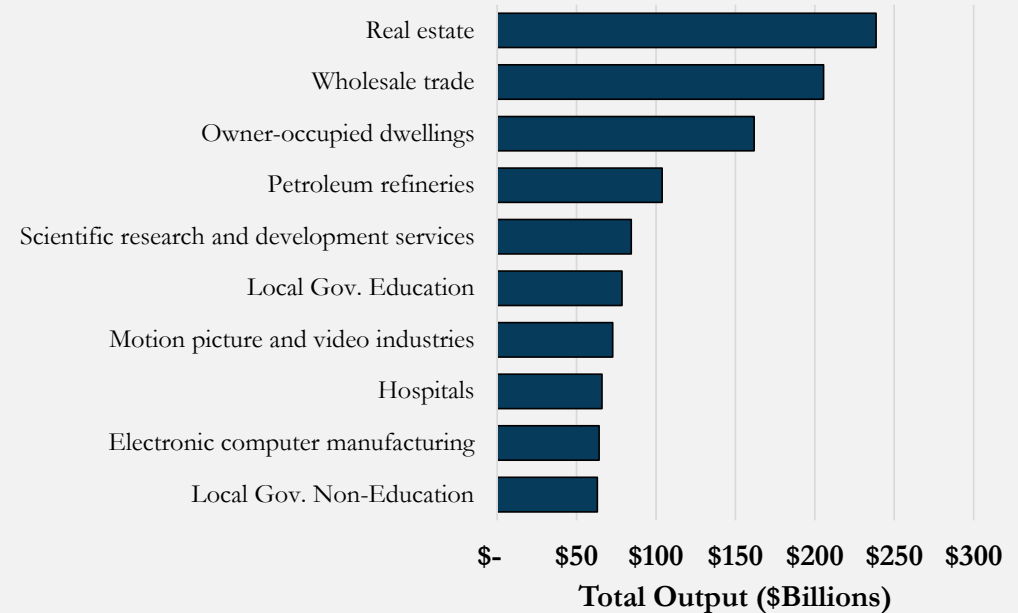
Source: Casey Walsh. UCSB. Cuyama Water Census. 2020.

# Regional Economy: Gross Industry Value

### Regional Economy



### Statewide

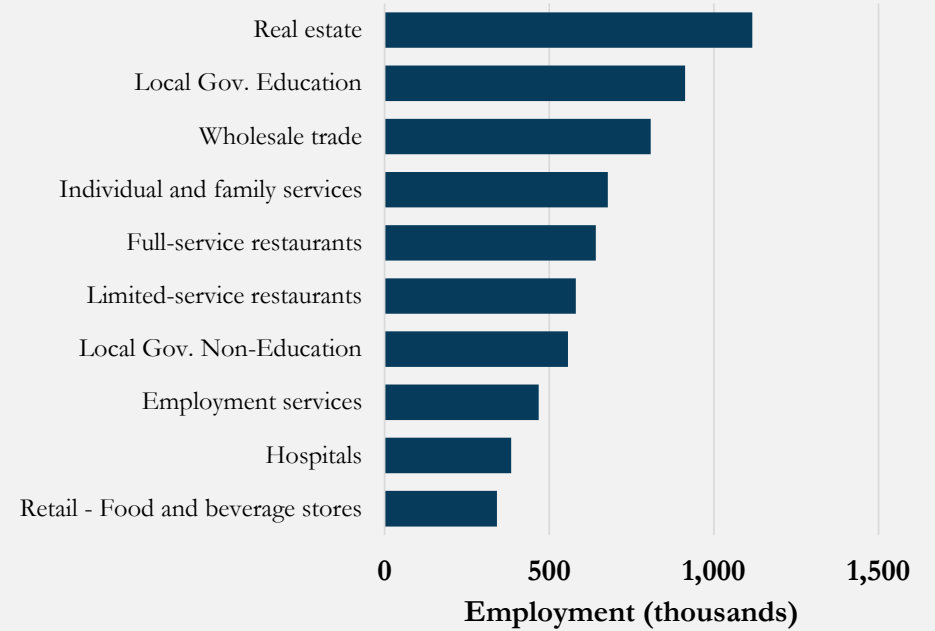
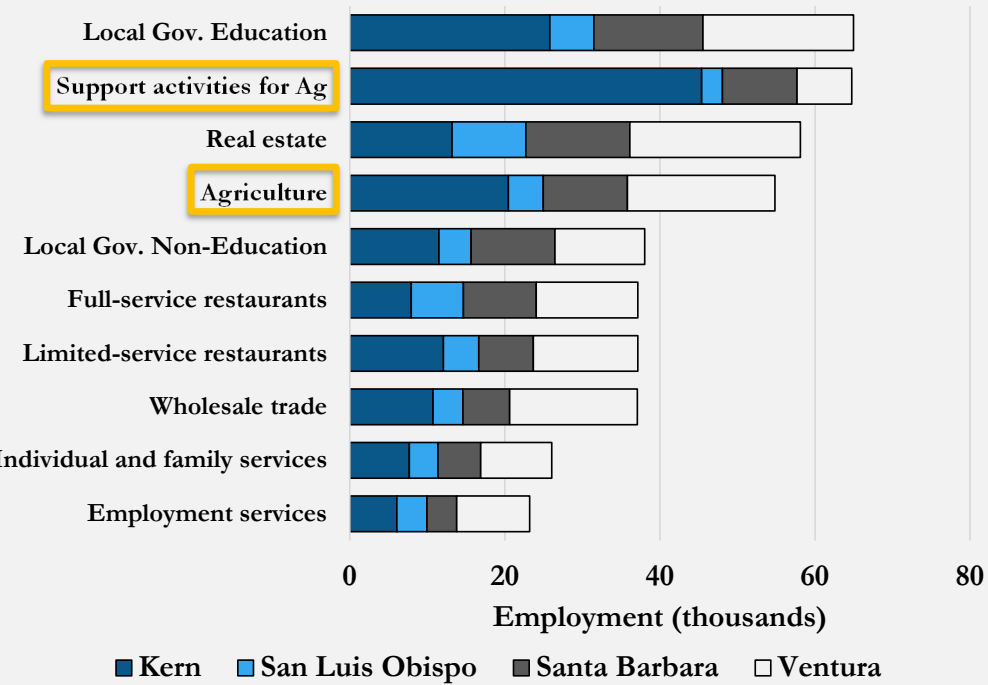


■ Kern   ■ San Luis Obispo   ■ Santa Barbara   □ Ventura

# Regional Economy: Employment

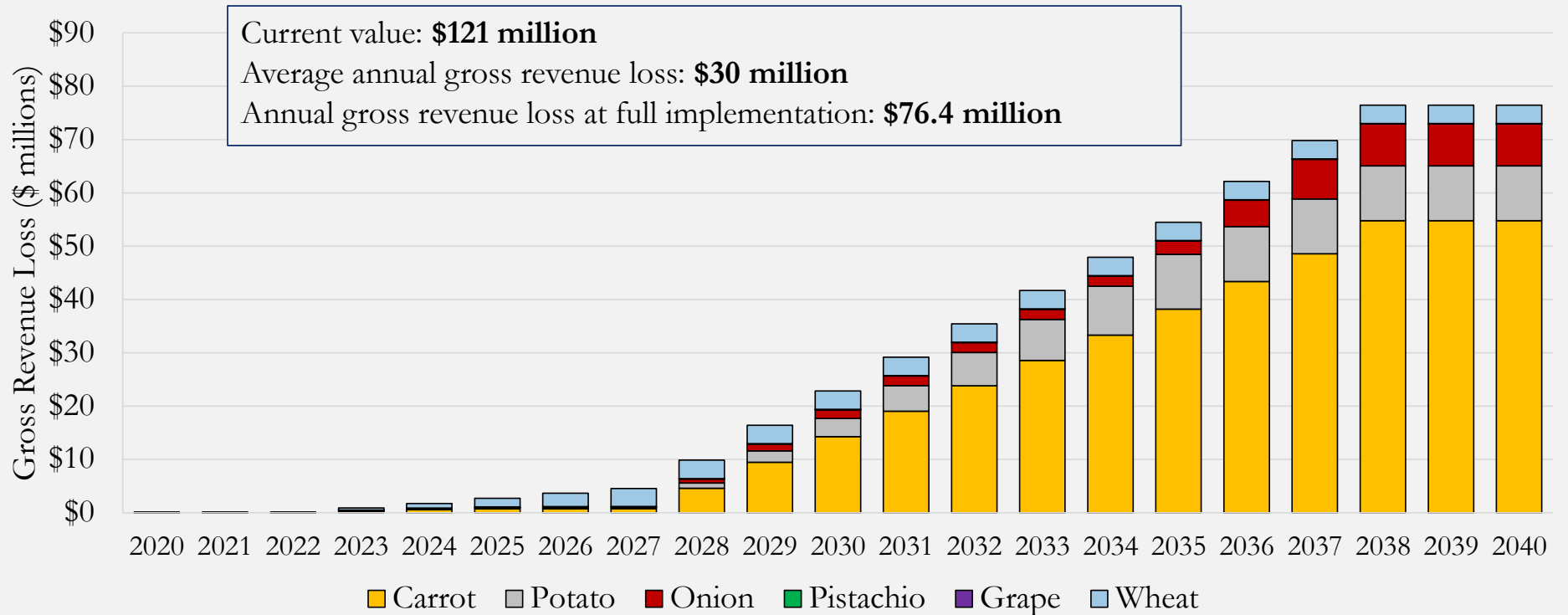
Regional Economy

Statewide



# DIRECT ECONOMIC IMPACT ANALYSIS

# Direct Economic Impacts



Source: 2019. Direct Economic Impact Analysis of the CBGSA GSP Demand Management Program



# GSP Implementation Costs

- Additional indirect costs of GSP development
  - CBWD fees
  - CBGSA fees
  - Board member and stakeholder management time

Item	Fee/Cost (\$/unit)	Units	Total Units	Total Cost (\$ M)
<b>CBGSA</b>	\$44.00	AF	47,000	\$2.07
<b>CBWD</b>	\$16.13	Irrigated AC	31,600	\$0.51
<b>CBWD</b>	\$0.45	Non-irrigated AC	44,300	\$0.019
<b>Management Opportunity Cost</b>	\$94.35	Hours	5,760	\$0.54
<b>Support Opportunity Cost</b>	\$50.62	Hours	288	\$0.014
<b>Total</b>				\$3.155

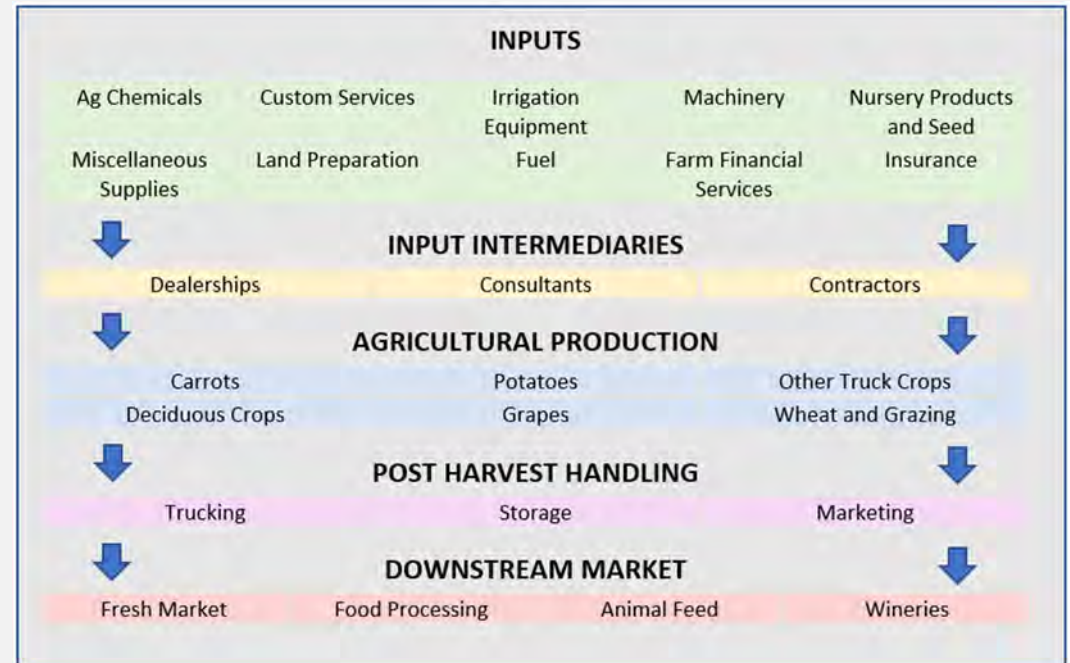
Note: Approximate pumping quantities are periodically updated. Values shown in FY 20/21 CBGSA GW Extraction Fee Report

# ECONOMIC IMPACT ANALYSIS TECHNICAL APPROACH

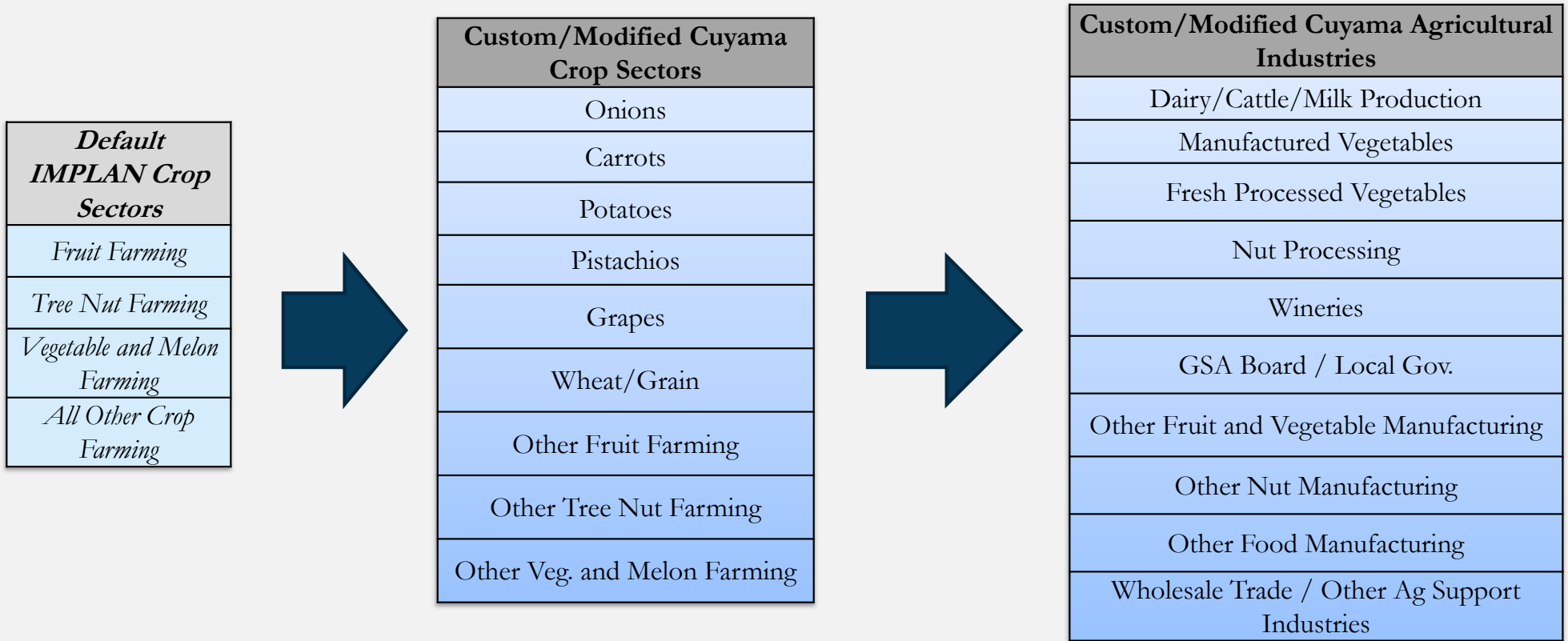
# Economic Analysis of Linked Industries

- IMPLAN input-output model
  - Characterizes linkages between different sectors of the economy
  - Default data does not appropriately represent agricultural industries
- Calibrated IMPLAN model
  - Stakeholder interviews
  - Secondary research/data

## Industry Linkages Illustration



# Custom IMPLAN Industry Sectors



# TOTAL ECONOMIC IMPACT ANALYSIS

# Economic Impact

- Full GSP implementation
  - Impacts to basin and linked regional economy
- Impact types
  - **Direct:** Primary farming
  - **Indirect:** Farming input purchases from other businesses and downstream industries
  - **Induced:** employee expenditures in various industries
- Impact metrics
  - **Output:** Gross revenue
  - **Employment:** Full time equivalent jobs based on average industry salary
  - **Labor income:** Employee wage income
  - **Local property taxes:** Estimated land value and property tax receipts in Cuyama Basin



# Regional Direct Economic Impacts

Sector	Annual Impact (\$M)
Carrot Farming	(\$54.78)
Potato Farming	(\$10.29)
Onion Farming	(\$7.83)
Wheat/Grain Farming	(\$3.42)
SGMA Direct Costs	(\$3.16)

Downstream Sectors	Annual Impact (\$M)
Dairy	(\$4.18)
Fresh Vegetable Processing	(\$23.45)
Other Vegetable Manufacturing	(\$7.25)

Note: two-thirds of production loss is offset by shifts to other areas

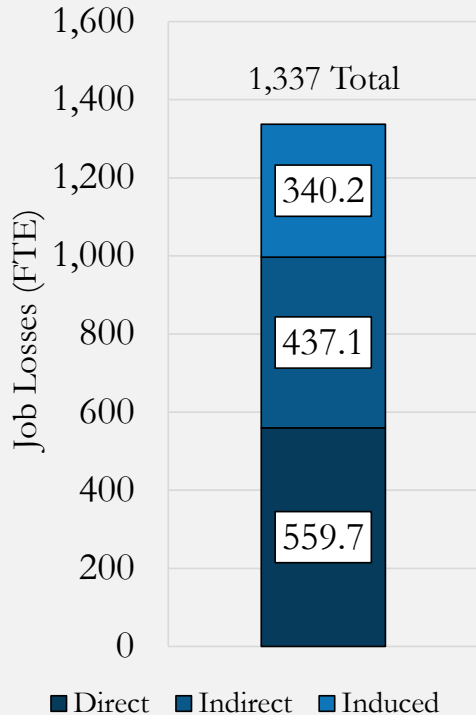
SGMA Direct Cost Breakdown	Annual Impact (\$M)
Proprietor income loss	(\$3.16)
Local Gov. Expenditures	\$2.60

# Regional Economic Impact: Output



Top 5 Affected Industries (\$M)	Direct	Indirect	Induced	Total
Carrot Farming	(\$54.78)	(\$0.10)	(\$0.00)	(\$54.88)
Fresh Vegetable Processing	-	(\$23.45)	(\$0.01)	(\$23.46)
Wholesale trade	-	(\$12.58)	(\$2.20)	(\$14.78)
Potato Farming	(\$10.29)	(\$0.02)	(\$0.01)	(\$10.30)
Onion Farming	(\$7.83)	(\$0.03)	(\$0.01)	(\$7.86)

# Regional Economic Impact: Employment



Top 10 Affected Industries (FTE)	Direct	Indirect	Induced	Total
Carrot Farming	(475)	(1)	-	(476)
Fresh Vegetable Processing	-	(128)	-	(128)
Support activities for agriculture	-	(64)	(0)	(64)
Wholesale trade	-	(48)	(8)	(56)
Potato Farming	(44)	(0)	-	(44)
Onion Farming	(37)	(0)	-	(37)
Real estate	-	(13)	(18)	(31)
Limited-service restaurants	-	(1)	(20)	(21)
Full-service restaurants	-	(2)	(19)	(21)
Other Vegetable Manufacturing	-	(19)	-	(19)

# Regional Economic Impact: Property Tax

- Property tax impact analysis
  - Lower land value with increased fallowing
  - Tax impact depends on value of idle land, other considerations (e.g., Williamson Act)

	Baseline	High Impact	Low Impact	Annual Impact Range
<b>Santa Barbara</b>	\$564,500	\$167,500	\$324,000	<b>\$225 – \$400k</b>
<b>San Luis Obispo</b>	\$489,000	\$126,500	\$255,500	<b>\$230 - \$360k</b>
<b>Ventura</b>	\$86,500	\$73,000	\$86,500	<b>&lt;\$10k</b>
<b>Total</b>	\$1,114,000	\$367,000	\$666,500	<b>\$475 - \$760k</b>

# Regional Economic Impact Summary

Annual Impact	Direct	Indirect	Induced	Total
Total Output (\$ millions)	(\$73.7)	(\$78.2)	(\$50.1)	(\$202.1)
Total Employment (FTE jobs)	(560)	(437)	(340)	(1,337)

Note: Indirect effects include downstream industry impacts

- Differential impacts by industry
  - Cuyama Basin impacts to farmworkers, local businesses, and land values
  - Regional impacts to agricultural support and processing industries

# Cuyama Basin Economic Impact

- Basin impacts can be defined as occurring within the CBGSA area
  - Labor, inputs, and services flow in and out of the basin
- Economic impacts include
  - Direct change in crop production value and associated indirect and induced effects in the basin
  - GSP costs
  - Local land values



# Basin Economic Impact: Direct Effects

- Crop net revenue loss is capitalized into the value of basin agricultural land
  - Value of land (equivalently, land rents) decreases in proportion to crop losses
    - GSP demand management program (land idling) would reduce net revenue by an estimated 63 percent
    - GSP fees and assessments increase farming costs

	Annual Cost	Annual cost per irrigated acre	Capitalized cost per irrigated acre
<b>GSP Demand Management Program</b>	\$19 M	\$1,040	\$10,000 - \$12,000
<b>GSP Assessments</b>	\$2.6 M	\$140	\$1,400 - \$1,600

# Basin Economic Impact: Local Economy

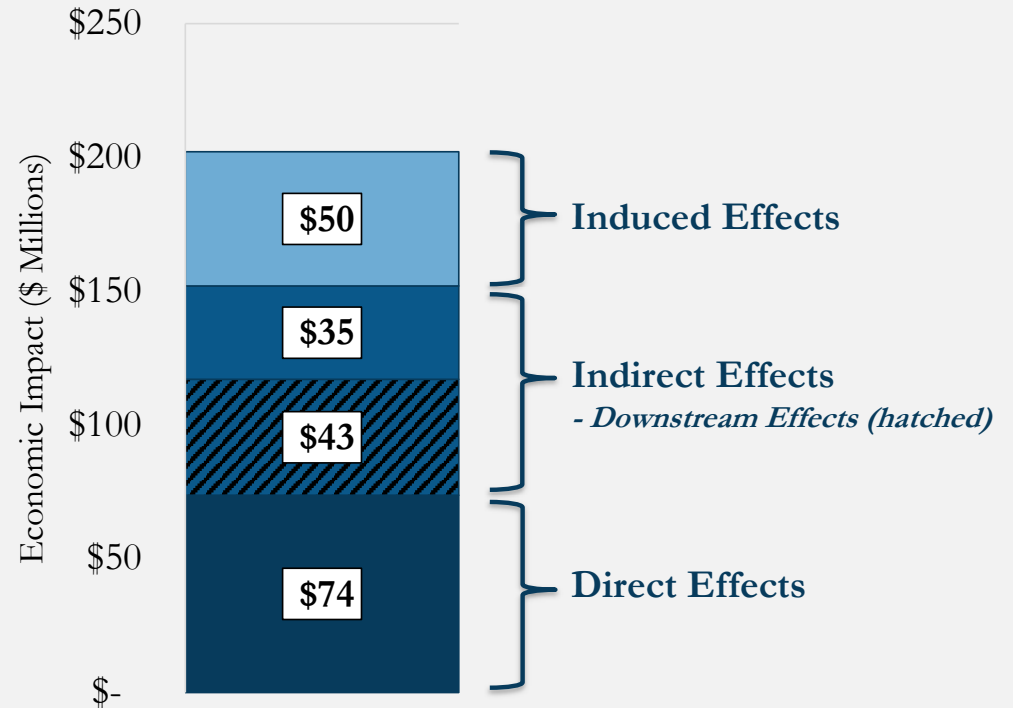
- Direct crop losses and regional local business impacts
  - Output loss includes all direct basin farming impacts
  - Job losses include direct farm employment for basin residents
    - Indirect and induced effects estimated using regional multipliers, adjusted to account for share of purchases within the basin

Annual Impact	Direct	Indirect	Induced	Total
Output (\$M)	(\$73.71)	(\$0.15)	(\$6.49)	(\$80.35)
Jobs (FTE)	(96)	(19)	(58)	(173)

# SUMMARY

# Economic Impact Summary

- Annual economic impacts of over \$200 million
- Alternative land uses may offset some losses, but also require water



# Thank You

From: **Jake Furstenfeld** <>  
Date: Tue, Dec 1, 2020, 7:57 AM  
To: Brenton Kelly <>

Good morning Brenton. I spoke to Robbie a while back about resigning due to my new work schedule. I still am unable to attend anything due to my work. I think it would be in the interest of both the GSA and mine to resign from the SAC. I appreciate everyone who has put in the time and continues to do so. I appreciate being able to be a part of the board and the process.

Best wishes  
Jacob Furstenfeld



GAVIN NEWSOM  
GOVERNORJARED BLUMENFELD  
SECRETARY FOR  
ENVIRONMENTAL PROTECTION

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## State Water Resources Control Board

December 8, 2020

Craig Altare  
Supervising Engineering Geologist  
Sustainable Groundwater Management Office  
Department of Water Resources  
[craig.altare@water.ca.gov](mailto:craig.altare@water.ca.gov)

### **CUYAMA VALLEY GROUNDWATER SUSTAINABILITY PLAN, GROUNDWATER BASIN NO. 3-013**

Provided for your consideration are comments submitted on behalf of the State Water Resources Control Board (State Water Board) by the State Water Board's Groundwater Management Program in support of the Department of Water Resources' (DWR) review of the Groundwater Sustainability Plan (GSP) for the Cuyama Valley Groundwater Basin (basin). The State Water Board recognizes that DWR will determine the adequacy of the GSP, and these comments are intended to support DWR's review by providing the State Water Board's additional expertise and regulatory experience with regard to GSPs. In preparing comments, the Groundwater Management Program has consulted the State Water Board's Division of Water Rights and Division of Drinking Water as well as the appropriate Regional Water Quality Control Board to seek local information and programmatic concerns.

The State Water Board's comments on the GSP relate to the following areas:

- Groundwater Quality
- Depletions of Interconnected Surface Water
- Projects and Management Actions
- Engagement

#### Groundwater Quality

1. The GSP should include nitrate and arsenic sustainable management criteria (SMC). In general, in deciding which water quality constituents to consider when setting SMC, a Groundwater Sustainability Agency (GSA) should consider the best available water quality information for the basin, including data used to develop the hydrogeologic conceptual model, geochemistry of geological formations (for the potential of mobilization of natural constituents), and groundwater uses in the vicinity of the representative monitoring sites and the

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E. JOAQUIN ESQUIVEL, CHAIR | EILEEN SOBECK, EXECUTIVE DIRECTOR

basin as a whole when determining which constituents to evaluate for minimum thresholds (MTs). Different constituents may cause undesirable degradation of water quality in different areas based on the purposes for which groundwater is beneficially used. Not all water quality impacts to groundwater must be addressed in the GSP but significant and unreasonable water quality degradation due to groundwater conditions occurring throughout the basin, and that were not present prior to January 1, 2015, must be addressed in the GSP's MTs. Both groundwater extraction and the implementation of projects to achieve sustainability may cause impacts from migration of contaminant plumes, changes in the concentration of contaminants due to reduction in the volume of water stored in the basin, or release of harmful naturally occurring constituents. A GSA should particularly consider whether any groundwater quality constituents in the basin may impact the state's policy of protecting the right of every human being to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes (Water Code §106.3).

- a. Nitrate Maximum Contaminant Level (MCL) exceedances in domestic wells have occurred over wide areas within the basin, while arsenic MCL exceedances have been found near the New Cuyama area and have impacted Cuyama Community Service District's (CCSD's) public supply well. Figures A-1 and A-2 in the Appendix show the locations of detections and MCL exceedances for nitrate and arsenic, respectively.
- b. Projects and management actions under the Cuyama Basin GSA's authority have the potential to influence groundwater concentrations and distributions of arsenic or nitrate. Groundwater extraction or the implementation of projects to achieve sustainability may cause impacts from migration of contaminant plumes, changes in the concentration of contaminants due to reduction in the volume of water stored in the basin, or release of harmful naturally occurring constituents. For example, some studies have indicated groundwater pumping can exacerbate arsenic-release to groundwater (see studies referenced in the Central Coast Regional Water Quality Control Board's [Central Coast Water Board's] March 15, 2019, and May 15, 2020, comment letters on the draft and final GSP).
- c. The GSP states that arsenic near New Cuyama has only been detected at one of the CCSD's inactive wells or at depths greater than 700 feet and outside of range of drinking water pumping, and that uncertainty about the actual depth of arsenic contamination makes setting SMC infeasible (GSP Section 2.2.10, p. 2-121); however, staff from the State Water Board's Division of Drinking Water note that arsenic necessitates expensive treatment at the CCSD's sole public drinking water supply well, which is approximately 800 feet deep. In addition, the State Water Board's Groundwater Ambient Monitoring and Assessment Program's Groundwater Information System shows records of arsenic MCL

exceedances in drinking water wells perforated in both shallower (e.g., top of perforation at a depth of 340 feet) and deeper groundwater.

- d. The GSP reasons that the GSA cannot set SMC for arsenic because concentrations are localized and vary from well to well; however, SGMA does not preclude a GSA from addressing localized water quality issues that may be exacerbated by pumping or management actions. In addition, arsenic detections in drinking water wells range in concentration between 1 microgram per liter and the MCL of 10 micrograms per liter over wide areas of the basin, making the issue relatively widespread (see Figure A-2).
2. In conclusion, staff recommend that the GSP include SMC and monitoring for nitrate and arsenic, and that the GSA coordinate with the Central Coast Water Board in setting MTs and developing a plan for addressing water quality degradation caused by continued pumping or other actions under the GSA's authority. The GSP's definition of an undesirable result for water quality degradation is not clearly linked to consideration of beneficial users of water and is not specific to each of the threshold regions for managing water levels. The GSP defines the undesirable result as "when 30 percent of the representative monitoring points (i.e., 20 of 64 sites) exceed the MT for a constituent for two consecutive years" (Section 3.6.4, p. 3-4). The six threshold regions each have unique characteristics in hydrogeology, land use and water use practices, and existing conditions of water level and water quality. For example, agricultural practices and groundwater pumping are extensive in the Eastern and Central threshold regions, moderate in the Western threshold region, and beginning to develop in recent years in the Northeastern threshold region. The areas with agriculture are more prone to water quality issues (e.g., see Figures A-1 and A-2 for nitrate and arsenic). Defining the undesirable result as 30 percent of wells exceeding the MT across the six threshold regions could dilute signals of local impacts and, when evaluated, cause water quality degradation in areas of concern to appear less notable. Staff recommend the GSA develop specific water quality SMC for each threshold region and more clearly tie whatever threshold the GSA uses to beneficial users, especially for the threshold regions with agricultural land and groundwater pumping. The GSA should reach out to beneficial users in each threshold region for input in the development of these SMC.
3. The GSP identifies locations with water quality data gaps (i.e., total dissolved solids) and possible temporal data gaps due to different monitoring schedules by management entities (Section 4.8.8, p. 4-58), but provides no detail on how to address the data gaps. Staff recommend the GSP further consider spatial data gaps for nitrate and arsenic and include plans to address both spatial and temporal data gaps for all constituents with SMC.

#### Depletions of Interconnected Surface Water

4. The GSP does not identify interconnected and disconnected stream reaches when defining SMC for depletions of interconnected surface water (ISW). SGMA requires identification of interconnected surface water systems within the basin (23 CCR §354.16(f)) and monitoring of surface water and groundwater, where interconnected surface water conditions exist, to characterize the spatial and temporal exchanges between surface water and groundwater (23 CCR §354.34(c)(6)). Moreover, MTs for depletions of ISW must be supported by the location, quantity, and timing of depletions of ISW. The GSP identifies gaining and losing reaches based on a numerical model with limited stream gage data, but falls short of identifying (possible) ISW; gaining reaches would be, by definition, interconnected, but losing reaches may be connected or disconnected, depending on local groundwater conditions. This makes it difficult to evaluate where pumping may exacerbate depletions and whether representative monitoring wells (RMWs) selected for ISW are representative of depletions in the basin. Low groundwater levels near some stream reaches indicate probable disconnection since before 2015 (e.g., the majority of the Cuyama River in the Central threshold region, based on the depth-to-water contour maps), but other losing reaches may be interconnected, so additional supporting data is needed to assess which reaches are interconnected. Staff recommend that the GSP more specifically describe interconnected or possibly interconnected stream reaches with available data (e.g., modeling results, field measurements of groundwater levels near streams) and, based on that data, develop a plan to address remaining data gaps related to the location, timing and volume of depletions due to groundwater pumping.
5. The GSP uses the groundwater elevation thresholds developed to manage for declining groundwater levels as a proxy to also manage for depletion of ISW; however, the GSP does not draw a direct link between the SMC for declining groundwater levels and undesirable results related to depletions of ISW. Moreover, the GSP defines an undesirable result related to ISW as water levels at 30 percent of *all* water level RMWs falling below MTs, rather than a subset of wells near streams, which would likely be more representative of ISW conditions. As a result, substantial stream depletions could occur under the GSP during its implementation without triggering any management action. It's not clear to Board staff how the GSA can manage for depletions of ISW using this undesirable result definition and monitoring network. Staff recommend the GSA develop MTs supported by the location, quantity, and timing of depletions of interconnected surface water (23 CCR §354.28(c)(6)(A)) and a monitoring network specifically for ISW. The GSA should reach out to surface water users and the California Department of Fish and Wildlife for input in the development of these SMC.
6. The GSP proposes three stream gages to fill data gaps in ISW (Section 4-10, p. 4-66), but lacks details on where the gages will be located. Staff recommend the GSA identify the gage locations soon (possibly in the next annual report), and incorporate considerations of each stream reach's potential for increased depletions due to groundwater pumping and the associated impacts to beneficial

uses and users. For example, new agricultural development in the Northwestern threshold region has the potential to increase stream depletions and cause harm to groundwater-dependent ecosystems and surface water users.

7. The GSP's approach to identifying potential groundwater-dependent ecosystems in the basin relies on the presence of surface water and aerial imagery and is not scientifically sound, as described in comment letters from the Nature Conservancy and the California Department of Fish and Wildlife to DWR on the final GSP. Staff recommend the GSP reassess potential presence of these ecosystems with consideration of depth-to-groundwater data and further investigate related data gaps.

#### Projects and Management Actions

8. The feasibility of Project 1, Flood and Stormwater Capture, and Project 3, Water Supply Transfers/Exchanges, is difficult to assess. Project 1 proposes to recharge flood and stormwater using 300 acres of spreading basins to capture up to 4,400 AFY of stormwater (averaged over 10 years). Project 3 proposes to purchase transferred water and exchange it with water rights holders downstream of Lake Twitchell to allow for additional stormwater and floodwater capture in the Cuyama Basin. The GSP should further detail whether the projects may be conducted under existing water rights (identifying the specific water rights) and/or whether they may require new water rights or changes to existing rights. The need to obtain a new or modified water right for a project has implications for project feasibility within GSP implementation timelines. To provide more context for the feasibility of the projects that may require a new or modified water right, the GSP should discuss the timing for obtaining those approvals and describe any known uncertainties involved (e.g., water availability in the source stream, whether the source is on the inventory of fully appropriated streams, or potential protests from downstream water users).
9. Staff recognize that the GSP proposes Management Action 2, Pumping Allocations in Central Basin Management Area, in which the amount of the pumping reduction will depend on the volume of recharge resulting from the proposed supply enhancement projects. Such a demand management effort is expected to be an adequate contingency measure in the case that Projects 1 or 3 are unsuccessful in increasing groundwater supply in the basin.

#### Engagement

10. The GSP states that no California Native American Tribes are present in the basin; however, the GSP does not describe the GSA's process for identifying or reaching out to Tribes with potential interests in groundwater management in the basin. Without this information, it is difficult to discern whether the GSA appropriately considered the interests of California Native American Tribes in developing the GSP (Water Code, §10723.2(h)). The GSP should elaborate on the GSA's tribal engagement effort. If the GSA has not already done so, the GSA should consult with the Native American Heritage Commission (NAHC) to obtain

Craig Altare

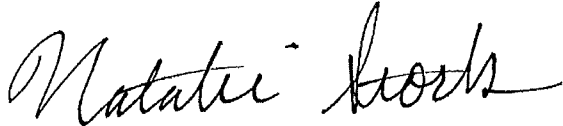
- 6 -

December 8, 2020

information about Tribes that have current and ancestral ties in the basin. To request this information, the GSA can email the NAHC at [nahc@nahc.ca.gov](mailto:nahc@nahc.ca.gov).

If you any have questions regarding these comments, please do not hesitate to contact State Water Board Groundwater Management Program staff by email at [SGMA@waterboards.ca.gov](mailto:SGMA@waterboards.ca.gov) or by phone at 916-322-6508.

Sincerely,

A handwritten signature in black ink that reads "Natalie Stork". The signature is written in a cursive, flowing style.

Natalie Stork  
Chief, Groundwater Management Program  
Office of Research, Planning, and Performance

Enclosure: Appendix – Detections and MCL Exceedances of Select Contaminants in Drinking Water Wells



### Appendix – Detections and MCL Exceedances of Select Contaminants in Drinking Water Wells

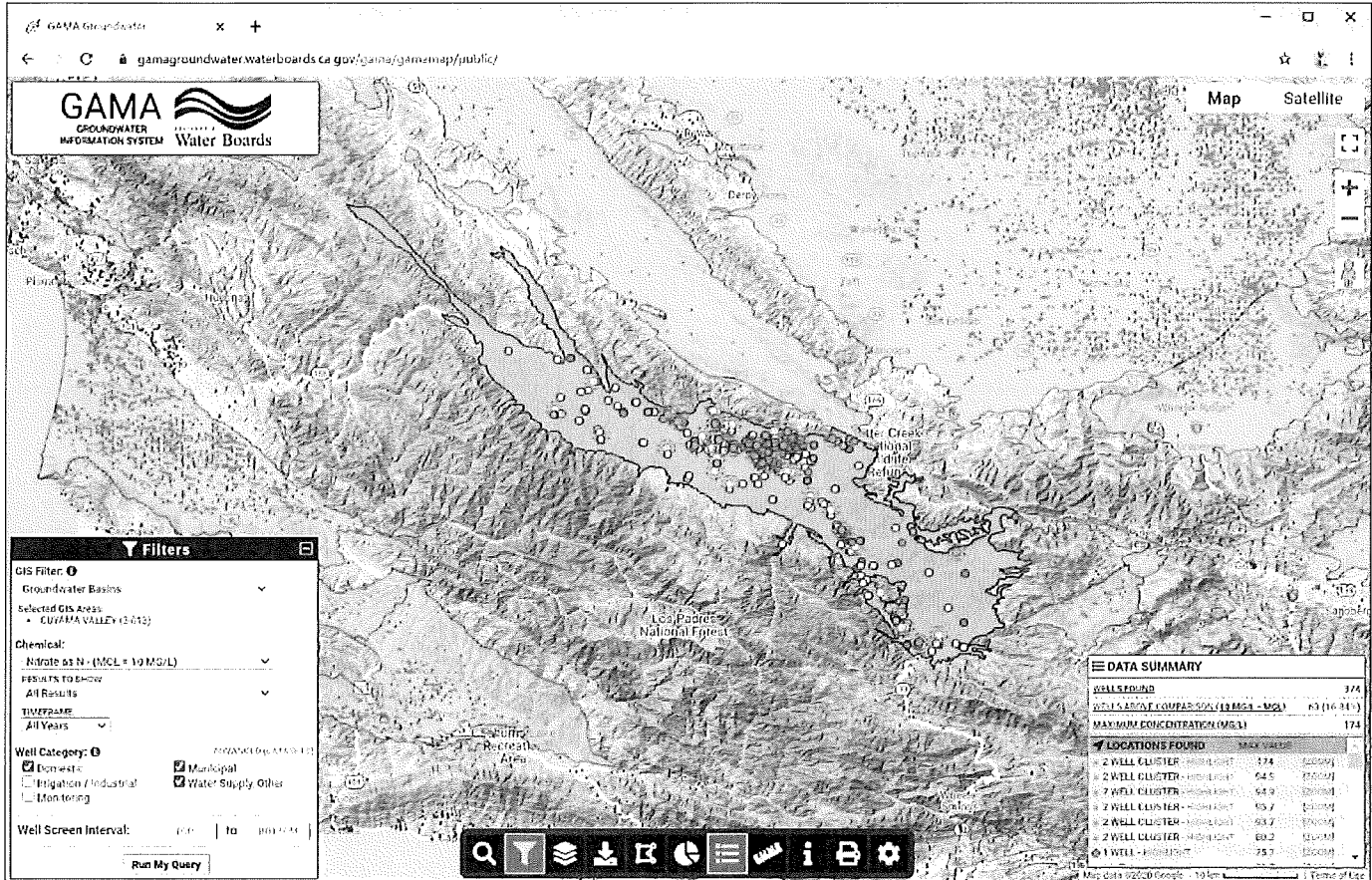


Figure A-1: Nitrate Detections (yellow and green) and MCL Exceedances (red) in Drinking Water Wells.

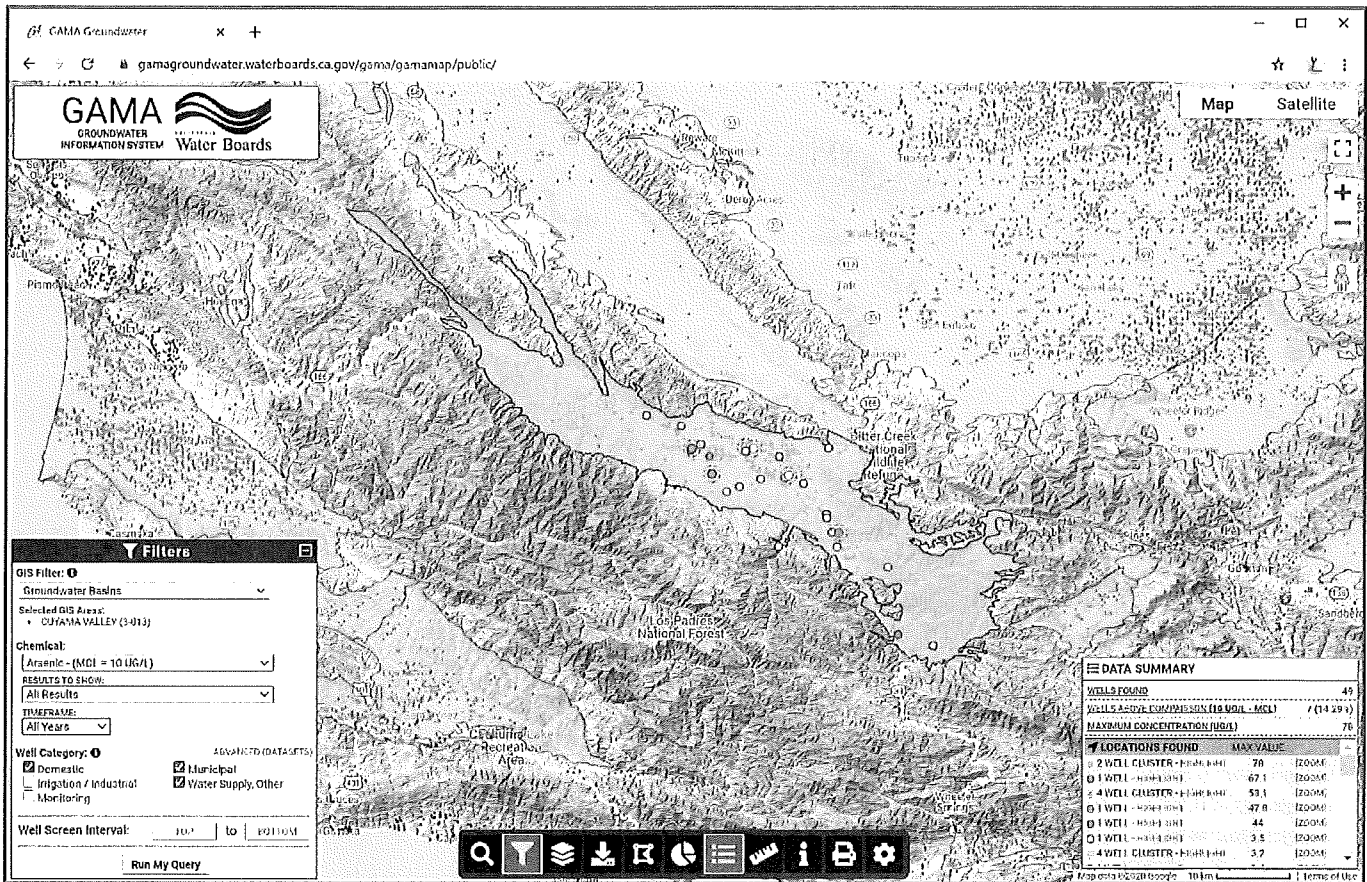


Figure A-2: Arsenic Detections (yellow and green) and MCL Exceedances (red) in Drinking Water Wells.