



CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY STANDING ADVISORY COMMITTEE MEETING

Committee Members

Brenton Kelly (Chair)	Jean Gaillard	Vacant
Brad DeBranch (Vice Chair)	Joe Haslett	Vacant
Jake Furstenfeld	Roberta Jaffe	Vacant

AGENDA

October 26, 2023

Agenda for a meeting of the Cuyama Basin Groundwater Sustainability Agency Standing Advisory Committee meeting to be held on Thursday, October 26, 2023, at 5:00 PM at the **Cuyama Valley Family Resource Center 4689 CA-166, New Cuyama, CA 93254**. Participate via computer at: <https://rb.gy/c490p> or by going to Microsoft Teams, downloading the free application, then entering Meeting ID: 290 937 651 464 Passcode: z8mi9V, or telephonically at (469) 480-3918, Phone Conference ID: 588 047 246#.

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. Members of the public are encouraged to arrive at the commencement of the meeting to ensure that they are present for Committee discussion of all items in which they are interested.

Teleconference Locations:

4689 CA-166 New Cuyama, CA 93254	1850 Miranda Canyon New Cuyama Ca 93254	144 De La Costa Ave Santa Cruz, CA 95060
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In compliance with the Americans with Disabilities Act, if you need disability-related modifications or accommodations, including auxiliary aids or services, to participate in this meeting, please contact Taylor Blakslee at (661) 477-3385 by 4:00 p.m. on the Wednesday prior to this meeting. The Cuyama Basin Groundwater Sustainability Agency reserves the right to limit each speaker to three (3) minutes per subject or topic.

1. Call to Order (Kelly) (1 min)
2. Roll Call (Kelly) (1 min)
3. Pledge of Allegiance (Kelly) (2 min)
4. Review and Take Appropriate Action on SAC Membership Applications (Kelly) (15 min)

ACTION ITEMS

5. Approval of August 31, 2023, Minutes (Kelly) (3 min)
6. Groundwater Sustainability Plan Amendment Components
 - a) Update on GSP Components Schedule (Beck/Van Lienden) (10 min)
 - b) Overview of Public Workshop on October 12, 2023 (Beck/Van Lienden) (10 min)
 - c) Update on September 2023 GSP Component Discussion (Beck/Van Lienden) (10 min)
 - d) Discuss and Take Appropriate Action on Groundwater Subsidence Monitoring Network [Final Discussion] (Beck/Van Lienden) (30 min)
 - e) Discuss and Take Appropriate Action on Groundwater Interconnected Surface Water (ISW) Monitoring Network [Final Discussion] (Beck/Van Lienden) (30 min)
 - f) Discuss and Take Appropriate Action on Groundwater Water Quality Monitoring Network [Final Discussion] (Beck/Van Lienden) (30 min)

- g) Discuss and Take Appropriate Action on Sustainable Management Criteria and Undesirable Results Criteria for Groundwater Subsidence [Initial Discussion] (Beck/Van Lienden) (30 min)
- h) Discuss and Take Appropriate Action on Sustainable Management Criteria and Undesirable Results Criteria for Groundwater Interconnected Surface Water (ISW) [Initial Discussion] (Beck/Van Lienden) (30 min)
- i) Discuss and Take Appropriate Action on Sustainable Management Criteria and Undesirable Results Criteria for Groundwater Water Quality [Initial Discussion] (Beck/Van Lienden) (30 min)
- j) Discuss and Take Appropriate Action on Glidepath Methodology [Initial Discussion] (Beck/Van Lienden) (30 min)
- k) Approval of 2024 Meeting Calendar (Blakslee) (5 min)

REPORT ITEMS

7. Technical Updates

- a. Update on Groundwater Sustainability Plan Activities (Van Lienden) (2 min)
- b. Update on Grant-Funded Projects (Van Lienden) (10 min)
- c. Update on 2023 Groundwater Quality Conditions Report (Van Lienden) (5 min)

8. Administrative Updates

- a. Report of the Executive Director (Beck) (1 min)
- b. Report of the General Counsel (Dominguez) (1 min)
- c. Board of Directors Agenda Review (Beck) (3 min)

9. Items for Upcoming Sessions (1 min)

10. Committee Forum (1 min)

11. Public Comment for Items Not on the Agenda

At this time, the public may address the Committee on any item not appearing on the agenda that is within the subject matter jurisdiction of the Committee.

12. Correspondence (1 min)

13. Adjourn (9:25 p.m.)

CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY

2023 Board Ad hocs

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

Tech Forum Participants

Participants	Entity	Representing
Bob Abrams	Aquilogic	Member of public observing
Neil Currie	Cleath-Harris	Grapevine Capital
Matt Klinchuch	Cuyama Basin Water District	Cuyama Basin Water District
Jeff Shaw John Fio Karthik Ramesh	EKI	Cuyama Basin Water District
Matt Young Matt Scrudato	Santa Barbara	Santa Barbara County Water Agency
Bianca Cabera Steve Johnson Jeff Helsley	Stetson Engineers	Sunrise Olive



TO: Standing Advisory Committee
Agenda Item No. 4

FROM: Taylor Blakslee, Hallmark Group

DATE: October 26, 2023

SUBJECT: Review and Take Appropriate Action on SAC Membership Applications

Recommended Motion

SAC feedback required.

Discussion

The Cuyama Basin Groundwater Sustainability Agency (CBGSA) Standing Advisory Committee (SAC) was established by the CBGSA to “advise the Board on implementation of the Sustainable Groundwater Management Act (SGMA) in the basin and to review the GSP before it is approved by the Board” (section 8.1 of the CBGSA joint exercise power agreement).

The SAC is made up of nine (9) committee members, but two positions have been vacant since May 2020. The SAC has been holding these positions for members of the Hispanic community but has been unable to fill them. Recently, the SAC expressed an interest in opening up these positions to interested parties and the below applications were received for consideration by the SAC. Currently, three (3) positions are vacant/open on the SAC.

- Adams, Karen
- Caufield, John
- Lewis, David

The CBGSA Board will consider new SAC member recommendations and take appropriate action.

APPLICATION FOR MEMBERSHIP TO THE CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY'S STANDING ADVISORY COMMITTEE

What is your relationship to the Cuyama Basin? (Check all that apply)

- X Full-time resident, Representative of a landowner, Part-time resident, Work in the Cuyama Basin, X Landowner, Other: _____

In which geographic portion of the basin do you live/work/represent?

I live within the west side of the Central Management Area in the New Cuyama townsite.

Which county (or counties) has jurisdiction over your property? (Check all that apply)

- X Santa Barbara, San Luis Obispo, Kern, Ventura

Why are you interested in serving on the Standing Advisory Committee for the Cuyama Basin GSA?

I have been a resident of the Cuyama Valley for over 19 years and I have followed the development of the Cuyama Basin GSA since its inception. I am concerned about the true long-term sustainability of the ground water within the Basin, along with the recent discussions and decisions being made by the GSA Board.

What unique experience or expertise will you contribute if appointed to the Standing Advisory Committee for the Cuyama Basin GSA? Explain any technical knowledge you have regarding water in the Cuyama Basin.

I was a paralegal for over 10 years (1984-1994) in Los Angeles specializing in environmental law issues. I was a CCSD Board Member from 9/2009 to 6/2011. I am familiar with the Original GSP, the 2022 Resubmitted GSP, and numerous other documents and reports released through the Cuyama Basin GSA.

The Cuyama Basin GSA Groundwater Sustainability Plan (GSP) has been submitted to the California Department of Water Resources and is currently being implemented in the basin. Please describe your knowledge of the GSP and your participation in public meetings related to the GSP to date.

I view the 2022 Resubmitted GSP as the overarching document that not only lays out the goals to reach sustainability of the Cuyama Basin ground water but governs how sustainability will be reached by 2040. I have participated in public meetings, whenever possible, and relied upon the CuyamaBasin.org website to stay abreast of developing issues when I have been unable to participate in public meetings.

If you are appointed to the Standing Advisory Committee for the Cuyama Basin GSA, it will require you to be available for at least 6 meetings per year (meetings every other month) and to be prepared for each meeting by reading the necessary documents. The total time commitment may range from 5 to 15 hours or more per month with no compensation. Are you aware of this and prepared to take on this commitment?

Yes.

Name (Print): Karen Adams
Name (Signature): [Handwritten Signature]
Date: October 18, 2023

**APPLICATION FOR MEMBERSHIP TO THE CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY'S
STANDING ADVISORY COMMITTEE**

What is your relationship to the Cuyama Basin? (Check all that apply)

- Full-time resident Representative of a landowner Part-time resident
 Work in the Cuyama Basin Landowner Other: _____

In which geographic portion of the basin do you live/work/represent?

Western Region, 868 acres on Wasioja Road and residential property in the townsite

Which county (or counties) has jurisdiction over your property? (Check all that apply)

- Santa Barbara San Luis Obispo Kern Ventura

Why are you interested in serving on the Standing Advisory Committee for the Cuyama Basin GSA?

My family has been involved in agriculture and the Cuyama Valley since my parents purchased the Richardson/Heath ranch in 1963. As the second family to the own and operate this homestead (1887) property, I have deep ties to the property and strong sense of responsibility to not only my family but the Richardson and Health families to see a legacy continue. Water is a critical resource for us, it is key to the viability of the valley and all residents. The GSA and resulting GSP will impact the short- and long-term availability and quality of the valley's ground water. As the owner/operator of a small ranch I have a direct interest in the GSA process and the resulting GSP and look forward to assisting with the success of that process. I feel that I can offer a perspective shared by other small ranches and that my experience can offer value to the SAC and the GSA.

What unique experience or expertise will you contribute if appointed to the Standing Advisory Committee for the Cuyama Basin GSA? Explain any technical knowledge you have regarding water in the Cuyama Basin.

I have extensive experience in the design, installation, and repair of pumps, piping and storage systems, the associated metering, and the required State and local reporting of water use. This experience stems from work that I performed on my own property and work that I performed as an Officer in the Navy Civil Engineer Corp. I hold a "Flow Measurement Devices and Methods" certificate from the UC Agricultural extension (which is recognized by the State of California (CAL SB-589)). Specific to my property in the Western region, I am familiar with the down-hole formations and base of fresh water from the CAL DOGGR well data and the long term and recent (1965 to current and 2017 to current) performance of the wells on my property.

I am a licensed Mechanical Engineer (2001), with a Bachelor (1997) and Master of Science (2001) degrees from Cal-Poly SLO with an emphasis in Fluid Mechanics and Thermodynamics. Additionally, through my experience as a thermal analyst (2001 to 2017) and as a Supervising Engineer (2017 to current) at the Naval Air Weapons Center, China Lake, I am specifically versed in modeling of physical phenomena, data reduction, and confidence (error approximation and tracking).

I believe my direct application, education, and engineering experience would be beneficial in the understanding, interpretation, and ultimately the application of the substantial modeling effort that has been on-going in support of the GSA.

The Cuyama Basin GSA Groundwater Sustainability Plan (GSP) has been submitted to the California Department of Water Resources and is currently being implemented in the basin. Please describe your knowledge of the GSP and your participation in public meetings related to the GSP to date.

I have a general knowledge of the GSP outline, goals, data collection plan, and ground water use reduction plan; I have a more detailed knowledge of the topics that more directly impact/potentially impact my properties. An overview, the initial GSP from the Cuyama Basin Ground Water Sustainability Agency was submitted in 2021. The State Water Control Resources Board did not approve that submission, returning the document as "incomplete" with comments (January 2022) to the GSA for revision and update. In July 2022, a revised version of the GSP was submitted, this version was subsequently approved in March 2023. The GSP as currently written, identifies three management areas/regions within the Cuyama Basin boundary, Western (Russel Fault), Central Management Area (CMA), and Eastern (Santa Barbara Canyon Fault). The primary and initial focus of the GSA and the resulting GSP, has been on the CMA due to the greater abundance of agriculture and actualized over-draft. Currently the GSP demands yearly compounded reductions in extracted ground water in the CMA until the basin reaches sustainability (targeted for 2038). While not the initial focus, there are concerns for over-draft in the Eastern and Western regions that future GSA actions and GSP implementation will be required to address. While ground water level and extraction volume are the predominate topic, the GSP also addresses water quality, applying total dissolved solids, toxic element content, nitrate and other undesirable mineral content as metrics.

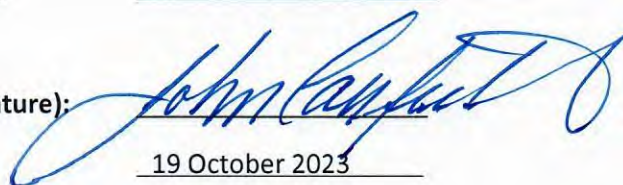
Since 2019, I have participated in numerous meetings both in-person and on-line along with significant e-mail and phone communication with GSA and SAC Board members, Woodward and Curran team, and GSA support staff. I have offered my comments, concerns, and recommendations on both general and specific technical issues; such as, the data collection methodology for assessing irrigated land in the Western region and the clarity of ground water model results.

If you are appointed to the Standing Advisory Committee for the Cuyama Basin GSA, it will require you to be available for at least 6 meetings per year (meetings every other month) and to be prepared for each meeting by reading the necessary documents. The total time commitment may range from 5 to 15 hours or more per month with no compensation. Are you aware of this and prepared to take on this commitment?

Yes, I have already committed substantial time to this process and am prepared to continue my support to help ensure the best outcome for the residents and businesses in the Cuyama Valley.

Name (Print): John Caufield, P.E.

Name (Signature):



Date: 19 October 2023

APPLICATION FOR MEMBERSHIP TO THE CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY'S
STANDING ADVISORY COMMITTEE

What is your relationship to the Cuyama Basin? (Check all that apply)

- Full-time resident Representative of a landowner Part-time resident
 Work in the Cuyama Basin Landowner Other: _____

In which geographic portion of the basin do you live/work/represent?

Easterly Basin near State Highway 33.

Which county (or counties) has jurisdiction over your property? (Check all that apply)

- Santa Barbara San Luis Obispo Kern Ventura

Why are you interested in serving on the Standing Advisory Committee for the Cuyama Basin GSA?

Since the SAC was established with the intent of providing involvement from many facets of the Basin population, I want to provide a resident small grower perspective to the SAC.

What unique experience or expertise will you contribute if appointed to the Standing Advisory Committee for the Cuyama Basin GSA? Explain any technical knowledge you have regarding water in the Cuyama Basin.

Being a resident of the Valley since 2005 and a licensed Civil Engineer since 1992, I can bring a vested interest in the success of the CBGSA and the GSP as well as an understanding of the modeling process that plays a key role in the GSP.

The Cuyama Basin GSA Groundwater Sustainability Plan (GSP) has been submitted to the California Department of Water Resources and is currently being implemented in the basin. Please describe your knowledge of the GSP and your participation in public meetings related to the GSP to date.

The GSP for our Valley is the best tool available to provide a path forward to achieve sustainability of our groundwater. Both my family and I have attended many GSA Board meetings, SAC meetings, as well as several workshops.

If you are appointed to the Standing Advisory Committee for the Cuyama Basin GSA, it will require you to be available for at least 6 meetings per year (meetings every other month) and to be prepared for each meeting by reading the necessary documents. The total time commitment may range from 5 to 15 hours or more per month with no compensation. Are you aware of this and prepared to take on this commitment? **I am aware and fully prepared for this commitment!**

Name (Print): Dave Lewis

Date: October 20, 2023

Cuyama Basin Groundwater Sustainability Agency Standing Advisory Committee Special Meeting

August 31, 2023

Draft Meetings Minutes

PRESENT:

Kelly, Brenton – Chair
DeBranch, Brad – Vice Chair
Draucker, Louise
Furstenfeld, Jake
Gaillard, Jean
Haslett, Joe
Jaffe, Roberta

Blakslee, Taylor – Assistant Executive Director
Dominguez, Alex – Legal Counsel
Van Lienden, Brian – Woodard & Curran
Gardiner, Charles – Catalyst Group

ABSENT:

None

1. Call to Order

Cuyama Basin Groundwater Sustainability Agency (CBGSA) Standing Advisory Committee (SAC) Chair Kelly called the meeting to order at 5:09 p.m. and Assistant Executive Director Taylor Blakslee provided direction on the meeting protocols in facilitating a remote meeting.

2. Roll Call

Mr. Blakslee called roll of the Committee (shown above).

3. Pledge of Allegiance

Chair Kelly led the pledge of allegiance.

4. Update on SAC Membership

Chair Kelly reported that there remain two vacancies for representatives of the Hispanic community and said if anyone knows someone that is interested in serving to let himself or Mr. Blakslee know.

Committee Member Jaffe asked Mr. Blakslee what the process is for filling in a SAC member position. Mr. Blakslee replied there is an application that needs to be completed and then the SAC traditionally makes a recommendation that is presented to the Board for consideration of approval.

Committee Member Haslett commented the SAC may want to consider filling in the positions that are designated for the Hispanic community regardless of their ethnic background due to the SAC being unable to fill in those positions.

ACTION ITEMS

5. Approval of Minutes

Chair Kelly opened the floor for comments on the July 6, 2023, CBGSA SAC meeting minutes.

MOTION

Vice Chair DeBranch made a motion to approve the July 6, 2023, CBGSA SAC meeting minutes. The motion was seconded by Committee Member Furstenfeld, a roll call vote was made, and the motion passed.

AYES: DeBranch, Furstenfeld, Gaillard, Haslett, Jaffe, Kelly
 NOES: None
 ABSTAIN: None
 ABSENT: Draucker

6. Groundwater Sustainability Plan Amendment Components

Woodard & Curran technical consultant Brian Van Lienden provided background information on the Groundwater Sustainability Plan (GSP) update and schedule which is provided in the SAC packet.

a. Discuss and Make Appropriate Recommendation on Pumping Reduction Implementation

CBGSA legal counsel Alex Dominguez provided an overview of potential allocation methodologies, and Mr. Blakslee reviewed the existing allocation methodology. Mr. Dominguez reviewed the lessons learned from the 2023 allocation and potential options for setting an allocation for 2025.

Committee Member Jaffe asked who is on the technical forum. Mr. Blakslee reminded the SAC there are technical representatives from the Board which include the four counties, invited representatives from the Cuyama Community Services District (CCSD) and the Cuyama Basin Water District, and a number of other participants that have a technical background.

Committee Member Jaffe asked to have tech forum members listed and included in the SAC packets moving forward and Mr. Blakslee said this can be done.

Committee Member Haslett commented that anyone from Bolthouse or Grimmway should not be allowed to participate in the technical forum.

Sunrise Olive representative Jim Markman said two of the tech forum participants are from the olive oil production company.

Committee Member Furstenfeld asked what the benefit is to have people input their own data for the allocation and if this is the route we are taking why would we have a model. Mr. Van Lienden replied the metered data can be used to improve the model.

Committee Member Jaffe commented there has to be a way to incorporate multiple sources of data. Committee Member Jaffe commented she is not in favor of using historical data because it benefits those who used the most water historically. She continued to explain the reduction was not based on historical use, rather it was based on recent data and caused people to have a higher allocation, which is opposite of the GSA's goal to reduce pumping. Committee Member Jaffe explained the GSA should

consider using a tiered approach to setting an allocation beginning in 2025.

Chair Kelly asked if it is possible to have a tiered approach that can be applied to the entire basin.

Vice Chair DeBranch commented the Board was correct to use historic use when developing the allocation and considering a methodology based on gross acreage makes it too complex.

Mr. Markman said that Sunrise Olive has a neighbor who is technically outside the current Central Management Area (CMA) and they put in a well that immediately dropped the water table by 20 feet. He requested additional data should be presented and considered by the CBGSA if the CMA border is changed and said their operation should not be included.

Duncan Family Farms representative Mark Ellsworth commented he submitted many suggestions during the variance process and this should not be done in a rush. He said there should be plenty of time for stakeholders to provide feedback in developing a new allocation program.

Stakeholder David Lewis said everyone was mandated to have a flow meter and to not use this data would be a waste. He advocated that actual data (as opposed to model data) should be used in establishing an allocation for 2025.

Committee Member Haslett commented there should be a way to use the GSA as a vehicle for a resolution process for the situation described by Mr. Markman.

b. Discuss and Make Appropriate Recommendation on Basin-Wide Pumping Restrictions

Mr. Van Lienden reviewed the executive summary regarding Basin-wide pumping and the options to consider regarding pumping allocations outside the CMA which is included in the SAC packet.

Committee Member Haslett commented he is in favor of option one, which is to do nothing at this time, until the GSA has more data.

Committee Member Gaillard said the GSA needs to do something because if the GSA does nothing, it will not achieve sustainability.

Committee Member Furstenfeld said he is in favor of option one despite potential impacts to achieving sustainability because it is not equitable to force those who are not contributing to the problem to cut back on pumping.

Committee Member Jaffe said it is difficult to consider the basin as one area and the GSA would need to break the basin into different areas. She said there needs to be a tiered approach to focus on where the reductions should occur.

Vice Chair DeBranch commented that staff presented a map over a year ago that broke the basin into three different areas and demonstrated each area was out of balance. He continued to say there needs to be more data collected and did not favor any particular option.

Chair Kelly commented he is not comfortable with doing nothing and would favor option 2b which is to create one new management area that is everything outside the CMA but does not want to get rid of the current CMA. He continued to say the Board should also take into consideration irrigated versus non-irrigated lands when developing allocations.

Stakeholder David Lewis commented the Board has the opportunity to collect data from every person who has a meter and the Board does not need to put in more monitoring wells when they have the opportunity to use this real data from meters.

Stakeholder Jim Wegis said west Cuyama and Ventucopa are different from each other, and these areas are nothing like the CMA which have created their own problem. He continued to say the two large pumpers are creating the problem and are just buying time to be able to pump more water.

c. Discuss and Make Appropriate Recommendation on Central Management Area Boundary

Mr. Van Lienden provided an overview on the GSP approach, options for management area boundaries, and tech forum feedback which are included in the SAC packet.

Committee Member Haslett commented the two feet per year rule needs to be scrutinized and referenced the comment made earlier by Mr. Markman. He continued to say the GSA should use groundwater level data that takes into account an allocation per parcel that is sustainable for that area in the basin.

Committee Member Jaffe asked if there is a sustainable yield for the entire basin. Mr. Van Lienden responded it is estimated as 20,000 AF, which is outlined in the GSP.

Committee Member Furstenfeld said there are flaws to all the options but if he had to pick one, it would be setting a boundary based on groundwater level data.

Committee Member Gaillard commented there needs to be more details on the options presented.

Vice Chair DeBranch asked staff if the threshold of 2 feet per year rule is changed, will that help reduce the overdraft in the basin, and if it does, staff should consider this.

Chair Kelly commented he is in favor of the options presented along with the tech forum comments and hard data should be used when available.

Stakeholder Jim Markman commented that all this effort will be overridden by the adjudication. Mr. Dominguez replied that the GSA has been directed by the California Department of Water Resources to continue implementing their GSP despite the current adjudication.

d. Discuss and Make Appropriate Recommendation on Groundwater Levels Monitoring Network

Mr. Van Lienden provided an overview of the GSP approach, groundwater levels monitoring network, and recommendation for groundwater levels monitoring network which are included in the SAC packet.

Committee Member Jaffe left the meeting at 7:54 p.m.

Committee Member Furstenfeld asked what exactly is meant by removing redundant wells and Mr. Van Lienden explained that it means removing a well if wells are close to each other and giving you similar information. Mr. Blakslee added the main driver in removing redundant wells is to reduce ongoing monitoring costs.

Vice Chair DeBranch said he is in support of removing redundant wells.

Committee Member Haslett asked if staff has data for opti well #117. Mr. Van Lienden replied the data can be found on the online data management system (DMS).

Chair Kelly asked what the blue dots are on the map titled “pumping status at each well”. Mr. Van Lienden replied those wells have a lot of pumping but are not included in the model and it would be difficult to get information on static levels in this area since there is a lot of pumping occurring.

Chair Kelly said he supports the staff recommendation.

MOTION

Committee Member Haslett makes a motion to accept staff’s recommendation as presented. The motion was seconded by Committee Member Furstenfeld, a roll call vote was made, and the motion passed.

AYES: Furstenfeld, Haslett, Kelly, DeBranch, Gaillard
 NOES: None
 ABSTAIN: None
 ABSENT: Draucker, Jaffe

e. Discuss and Make Appropriate Recommendation on Groundwater Storage Monitoring Network

Mr. Van Lienden provided an overview of the GSP approach, potential options, and tech forum feedback which is provided in the SAC packet.

Chair Kelly asked what a model-based approach would be, and Mr. Van Lienden responded the model estimates the storage based on groundwater levels each year for the annual report.

MOTION

Committee Member Furstenfeld makes a motion to accept staff recommendation to use groundwater levels as a proxy for monitoring groundwater storage. The motion was seconded by Committee Member Haslett, a roll call vote was made, and the motion passed.

AYES: Furstenfeld, Haslett, Kelly, DeBranch, Gaillard
 NOES: None
 ABSTAIN: None
 ABSENT: Draucker, Jaffe

f. Discuss and Make Appropriate Recommendation on Sustainable Management Criteria and Undesirable Results Definitions for Groundwater Levels

Mr. Van Lienden reviewed the sustainability thresholds, GSP approach, options for groundwater levels sustainability criteria for minimum thresholds (MT) and measurable objectives (MO), and groundwater levels undesirable results definitions which are included in the SAC packet.

Committee Member Haslett commented that when the original MTs were set there was a discussion that the MTs were very aggressively set and the buffer for operational flexibility is minimal.

Chair Kelly asked how the definition of undesirable results incorporates the actual impacts of groundwater pumping such as the cottonwood trees dying due to the groundwater declining. Mr. Blakslee replied that the undesirable results definition must address impacts to all beneficial uses and users.

Committee Member Haslett said that beneficial users is a broad term and it needs to be listed out. Mr. Van Lienden responds that list is available in the GSP.

Chair Kelly expressed support to attempt to develop a percentage threshold based on projected impacts to beneficial users and to develop separate undesirable results statements for different threshold regions.

g. Discuss and Make Appropriate Recommendation on Sustainable Management Criteria and Undesirable Results Definitions for Groundwater Storage

Mr. Van Lienden provided an overview of the GSP approach, potential options, and the tech forum feedback which are provided in the SAC packet.

Chair Kelly agreed that groundwater levels should be used as a proxy for groundwater storage until the model has sufficient data.

7. Discuss and Make Appropriate Recommendation on Plan for Public Workshops

CBGSA Outreach Consultant Charles Gardiner provided an overview of the purpose of the community public workshop which is to initiate a discussion the proposed GSP revisions and receive relevant feedback from stakeholders. He reviewed the topics, which are included in the SAC packet, and noted the timing is to hold the workshop on October 12, 2023 from 6:00-8:00 p.m. at the Cuyama Valley Recreation District.

Committee Member Haslett commented that staff should expect questions regarding the adjudication.

Chair Kelly said staff should try putting posters around the room to put their vote on.

8. Discuss and Make Appropriate Recommendation on Annual Reporting Requirement for Local Crop Data

Mr. Blakslee reviewed the recommended annual reporting form for local crop data which is provided in the SAC packet. He continued to explain if this form is approved, staff would create a form to report in bulk similar to the meter bulk reporting form.

Chair Kelly commented it may be burdensome on the farmer to report each crop by the parcel number.

Committee Member Furstenfeld agrees with the form as presented.

Stakeholder Jim Markman commented that this form looks easy enough to fill out.

Committee Member Haslett commented that staff should make the PDF editable.

Stakeholder Mark Ellsworth asked how broad the crop type category should be and that it will be difficult for his operation since he has multiple crops on a single parcel. Mr. Van Lienden responded staff could develop a list of crops to choose from.

Stakeholder Mark Ellsworth asked why staff want the crop type data. Mr. Van Lienden replied the model uses this information for consumption use and will make the model more accurate.

9. Discuss and Make Appropriate Recommendation on Plan to Revise Crop Factors on Small Pumper Water Use Reporting Form

Mr. Blakslee reviewed the potential options for revisions to the crop factors on small pumper water use

reporting form which is included in the SAC packet.

Committee Member Haslett commented that if the crops are permanent, then the ET data is not appropriate to use.

Committee Member Gaillard commented it does not make sense to spend a greater amount of money than what we are going to collect.

The committee provided general consensus to keep the same crop factors on the small pumper forms.

Committee Member Haslett said there should be a low-level effort to reach out to the roughly six (6) landowners when the reports are sent out annually.

10. Discuss and Make Appropriate Recommendation to Identify Location of Tamarisk in the River Channel

Mr. Van Lienden reviewed the cost estimates to digitally map tamarisk in the river channel which is provided in the SAC packet.

Committee Member Gaillard asked if it is a requirement to have an environmental review to remove the tamarisk. Mr. Van Lienden responded that the GSA would be required to provide the appropriate environmental analysis as required by the California Environmental Quality Act (CEQA).

The SAC provided general consensus to not continue the investigation to identify the location of tamarisk in the river channel due to the high cost.

Stakeholder Mark Ellsworth commented there is a specific beetle that will only eat tamarisk.

REPORT ITEMS

11. Technical Updates

a. Update on Groundwater Sustainability Plan Activities

Mr. Van Lienden provided an update on the accomplishments for July and August 2023 which is provided in the SAC packet.

b. Update on Modeled Pumping vs User-Reported Pumping

Mr. Van Lienden provided an update on modeled pumping versus user-reported pumping which is provided in the SAC packet.

c. Update on Grant-Funded Projects

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

d. Update on Active Well Dataset

Mr. Blakslee provided an update on the active well dataset which is provided in the SAC packet.

e. Update on July 2023 Groundwater Conditions Report

Mr. Van Lienden provided an update on the July 2023 groundwater conditions report which is provided in the SAC packet.

12. Groundwater Sustainability Agency

a. Report of the Executive Committee Member

Nothing to report.

b. Report of the General Counsel

Nothing to report.

c. Board of Directors Agenda Review

Mr. Blakslee provided an overview of the September 6, 2023, CBGSA Board Meeting agenda which is provided in the SAC packet.

13. Items for Upcoming Sessions

Chair Kelly announced that he was informed by Louise Draucker that she has resigned from her position on the SAC.

14. Committee Forum

Nothing to report.

15. Public Comment for Items Not on the Agenda

Nothing to report.

16. Correspondence

Nothing to report.

17. Adjourn

Chair Kelly adjourned the meeting at 9:56 p.m.

STANDING ADVISORY COMMITTEE OF THE
CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY

Chair Kelly: _____

ATTEST:

Vice Chair DeBranch: _____



TO: Standing Advisory Committee
Agenda Item No. 6a-j

FROM: Jim Beck / Brian Van Lienden

DATE: October 26, 2023

SUBJECT: Groundwater Sustainability Plan Amendment Components (Item Nos. 6a-j)

Recommended Motion

Standing Advisory Committee feedback requested.

Discussion

On July 12, 2023, the Cuyama Basin Groundwater Sustainability Agency Board of Directors reviewed a schedule for updating the Groundwater Sustainability Plan (GSP) ahead of the January 2025 deadline. A public workshop was held on October 12, 2023 to present information on the September and November 2023 meeting topics and to receive feedback from public stakeholders.

A brief overview of the GSP component update schedule, an overview of the public workshop, an overview of Board feedback received on the previously discussed September 2023 GSP components, and the new November 2023 GSP components are included as Attachment 1 and listed below. New GSP components are listed as either “initial discussion,” or “final discussion” and are indicated as such on each item.

- a. Update on GSP Components Schedule
- b. Overview of Public Workshop on October 12, 2023
- c. Update on September 2023 GSP Component Discussion
- d. Discuss and Take Appropriate Action on Groundwater Subsidence Monitoring Network [Final Discussion]
- e. Discuss and Take Appropriate Action on Groundwater Interconnected Surface Water (ISW) Monitoring Network [Final Discussion]
- f. Discuss and Take Appropriate Action on Groundwater Water Quality Monitoring Network [Final Discussion]
- g. Discuss and Take Appropriate Action on Sustainable Management Criteria and Undesirable Results Criteria for Groundwater Subsidence [Initial Discussion]
- h. Discuss and Take Appropriate Action on Sustainable Management Criteria and Undesirable Results Criteria for Groundwater Interconnected Surface Water (ISW) [Initial Discussion]
- i. Discuss and Take Appropriate Action on Sustainable Management Criteria and Undesirable Results Criteria for Groundwater Water Quality [Initial Discussion]
- j. Discuss and Take Appropriate Action on Glidepath Methodology [Initial Discussion]

Cuyama Basin Groundwater Sustainability Agency

6a. Update on GSP Components Schedule

October 26, 2023



GSP Update and Board Policy Discussions Schedule

	2023			2024				2025		
	July	Sep	Nov	Jan	Mar	May	Jul	Sep	Nov	Jan
Board Direction:	<p>Finalize: Feedback on engagement strategy</p>	<p>Basin-wide pumping restrictions/Central Management Area (CMA) boundary</p> <p>Finalize: Groundwater (GW) levels & storage monitoring networks</p> <p>GW levels & storage sustainable management criteria (SMC) and undesirable results (UR) criteria options</p> <p>Allocation methodology</p>	<p>Finalize: Subsidence, interconnected surface water (ISW), and water quality (WQ) monitoring networks</p> <p>GW subsidence ISW, and WQ SMC and UR options</p> <p>Glidepath methodology</p>	<p>Finalize: GW levels, storage, subsidence, ISW, WQ SMC and UR</p>	<p>Project and Management Action (PMA) options</p> <p>Sustainable yield (SY) methodology</p> <p>Issue 90-Day Notice</p>	<p>Finalize:</p> <ul style="list-style-type: none"> Basin-wide Pumping Restrictions/MA Boundary (updated model) Allocation methodology Glidepath methodology PMA options SY approach 		<p>Review Public draft</p>	<p>**Public Hearing to adopt Amended GSP</p>	
GSP Chapter Review:				<p>Ch 1. Agency Info/Plan Area</p> <p>Ch 4. Monitoring Network</p>		<p>Ch 2. Basin Setting</p> <p>Ch 3. URs</p> <p>Ch 5. SMCs</p>	<p>Ch 6. DMS</p> <p>Ch 7. PMAs</p>	<p>Ch 8. Plan Implementation Executive Summary</p>		
Public Workshop		✓			✓			✓		

Cuyama Basin Groundwater Sustainability Agency

6b. Overview of Public Workshop on October 12, 2023

October 26, 2023



Purpose and Agenda

- Purpose: Hear initial community input to inform the 2025 update of the Cuyama Basin Groundwater Sustainability Plan (GSP)
- Agenda:
 - Activities and progress since 2020 GSP
 - GSP Update process and timeline
 - Groundwater monitoring activities and updates
 - Criteria for evaluating groundwater sustainability
 - Approach to groundwater pumping allocations
 - Next Steps

Summary

- Workshop was held on October 12, 2023 from 6-8 pm in the Cuyama Recreation District
- It was well attended with 43 attendees, including:
 - 32 in-person
 - 11 online
 - 2 members of the Hispanic community
- Spanish language interpretation was provided by California Department of Water Resources Facilitation Services
- Feedback provided will be noted in subsequent presentation slides, in addition to some general feedback in the next slide

General Workshop Feedback

- Distribute public workshop materials in advance of meeting
- Provide more background information on the GSA and GSP at public workshops
- The GSA should consider engaging in the adjudication
- Consider the potential impact of draft Assembly Bill 779
- Add major roads to maps in addition to the Highways

Cuyama Basin Groundwater Sustainability Agency

6c. Update on September 2023 GSP Component Discussion

October 26, 2023



Summary

- The Board provided feedback in the following topic areas:
 - Pumping reductions
 - Basin-wide pumping
 - Central Management Area boundary
 - Sustainability Criteria and Undesirable Results (GWs and storage)
- More detailed options will be developed and presented to the Board, SAC and Tech Forum in future meetings

Pumping Reductions – General Comments

- General Board Comments:
 - Wait to consider changes until evaluating success of current pumping reduction program
 - Consider transition to using metered data
 - Keep it simple
 - Consider hybrid options
 - Consider variance pool idea
- Additional policy items not presented to Board:
 - Carryover
 - Water markets
 - Software tracking (monthly view for landowner)

Tech Forum Feedback (10-3-2023)

- Transition to using metered data is very important
- Support carryover, water market and variance pool concepts

Public Workshop Feedback (10-12-2023)

- Consider doing stormwater capture and recharge projects in addition to pumping reductions
- Concern with using historical use as a basis for pumping allocations
- Consider requiring a greater pumping reduction by larger pumpers, perhaps by using a tiered system for pumping reductions
- Farmers should consider transitioning to lower water use crops
- Consider pumping allocations in the Northwest region

Basin-wide pumping – General Comments

- General Comments:
 - Do nothing is not an option
 - Consider a Basin-wide solution
 - Not ready to broaden beyond the CMA
 - Focus on irrigated lands
 - Better identify which areas are in overdraft and manage those areas appropriately
 - Manage the basin based on science

Tech Forum Feedback (10-3-2023)

- Support for basin management based on in field empirical data that is then incorporated into the model

Public Workshop Feedback (10-12-2023)

- Since the basin is one interconnected watershed, the GSA should consider applying pumping allocations to everyone

Central Management Area Boundary – General Comments

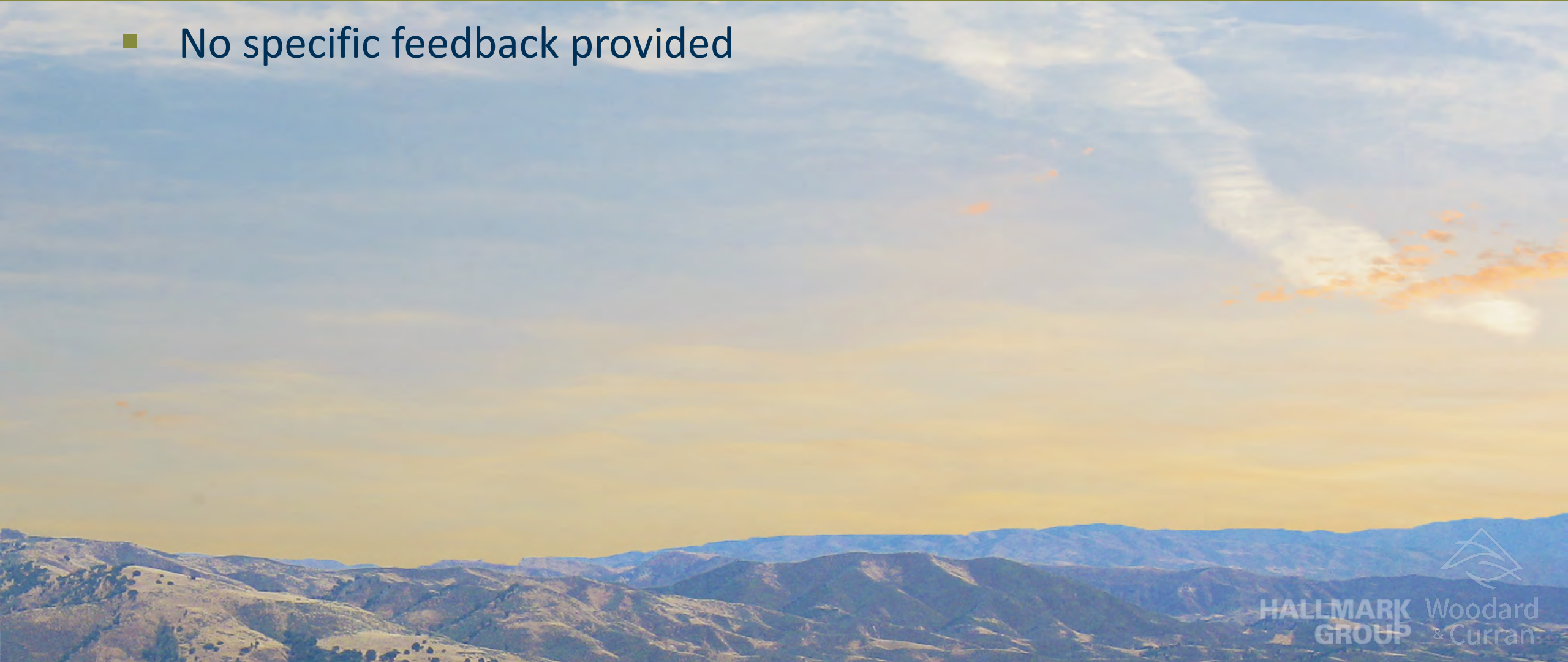
- General Comments:
 - Consider location of nearby wells re: boundary adjustment
 - Consider fixed boundary
 - Consider other options outside of a model-based boundary
 - Evaluate where water is pumped and where it's going
 - Look at how successful we are in current CMA implementation
 - Support for Tech Forum feedback:
 - Similar hydrologic/geologic areas should be managed together
 - Support for physical feature-based management approach
 - Dynamic boundary makes it harder for agricultural planning; fixed boundary is most practical for planning purposes
 - Consider impact to potential water markets

Tech Forum Feedback (10-3-2023)

- Implementing management areas is the biggest issue to be determined
- Support for hydrogeologic-based management area boundaries
- Fixed boundaries are preferable for landowner planning purposes

Public Workshop Feedback (10-12-2023)

- No specific feedback provided



Sustainable Management Criteria and Undesirable Results for GW Levels – General Comments ³⁵

- **Minimum Thresholds**
 - Consider depth of the well
 - Consider projections under glidepath and impacts to beneficial uses and users
 - Reconsider use of threshold regions and potential simplified methodology
 - If threshold regions remain, consider potential gradient impacts
 - Review historic data of RMW wells to verify no red flags
 - Consider MTs based on well protection depth and GDE locations
 - Well-by-well analysis in setting MT
- **Measurable Objectives**
 - General support for minimum buffer
 - Ensure wells have appropriate MOOF
- **Undesirable Results**
 - Consider impacts to beneficial uses and users
 - Continue with basin-wide definition

Tech Forum Feedback (10-3-2023)

- For representative wells, need to understand age, well depth, screened intervals and pump depths to the extent possible
 - Consider a program for addressing these data gaps (e.g. down well surveys, using temperature to determine screened intervals)
- If we continue to use threshold regions, need to better understand gradients between different regions

Public Workshop Feedback (10-12-2023)

- Preference by some stakeholders for the most conservative approach for minimum thresholds
- Consider including permanent loss of groundwater storage as part of the undesirable results definition
- Consider adding more visual displays of basin sustainability criteria and conditions to GSA website or DMS

Cuyama Basin Groundwater Sustainability Agency

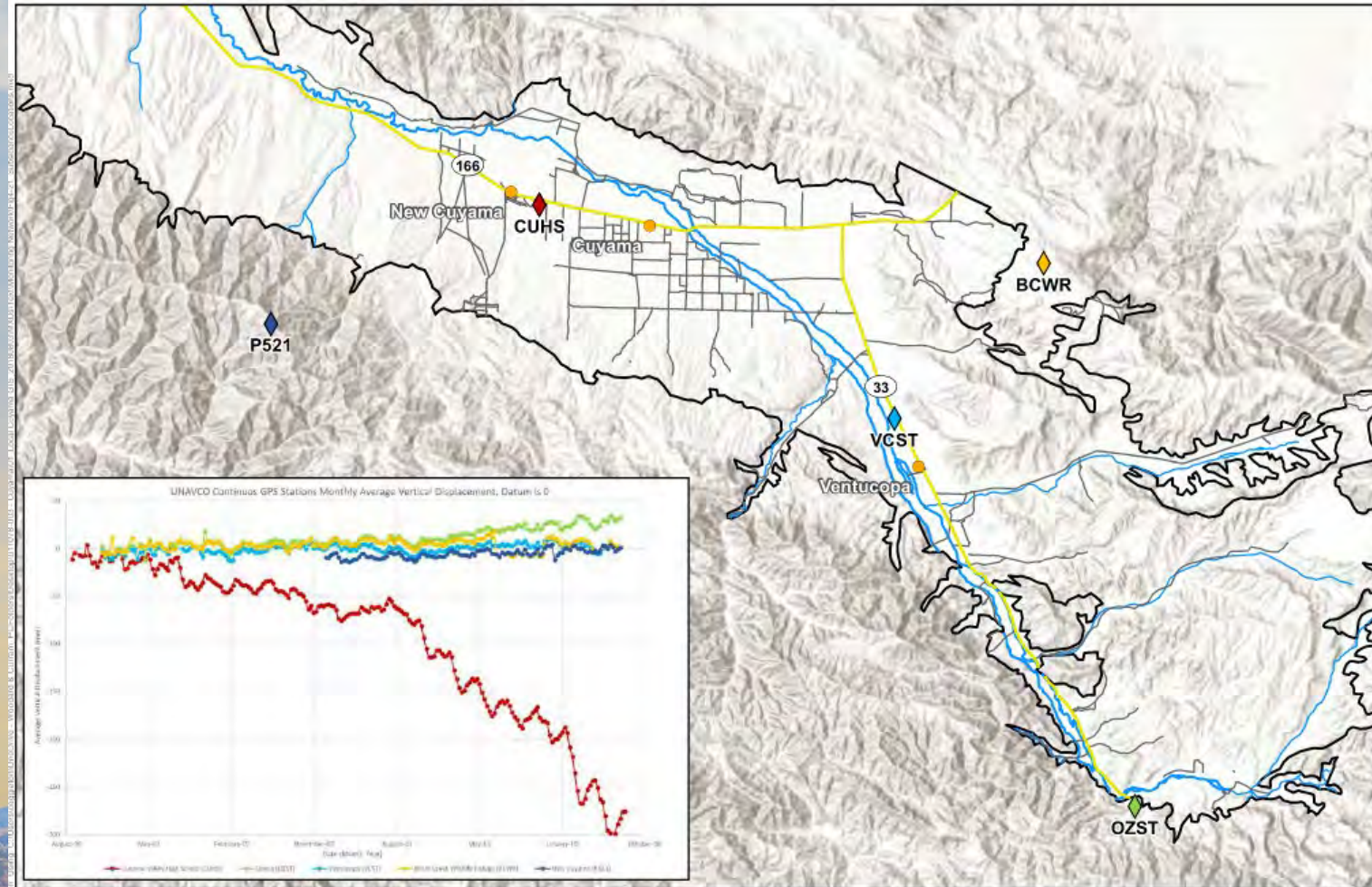
6d. Subsidence Monitoring Network

October 9, 2023



GSP Approach

- **GSP Section 4.9 (p. 4-60)** describes the development of the subsidence monitoring network
 - Five existing stations are included; the two within the basin are representative
 - none are managed by the CBGSA



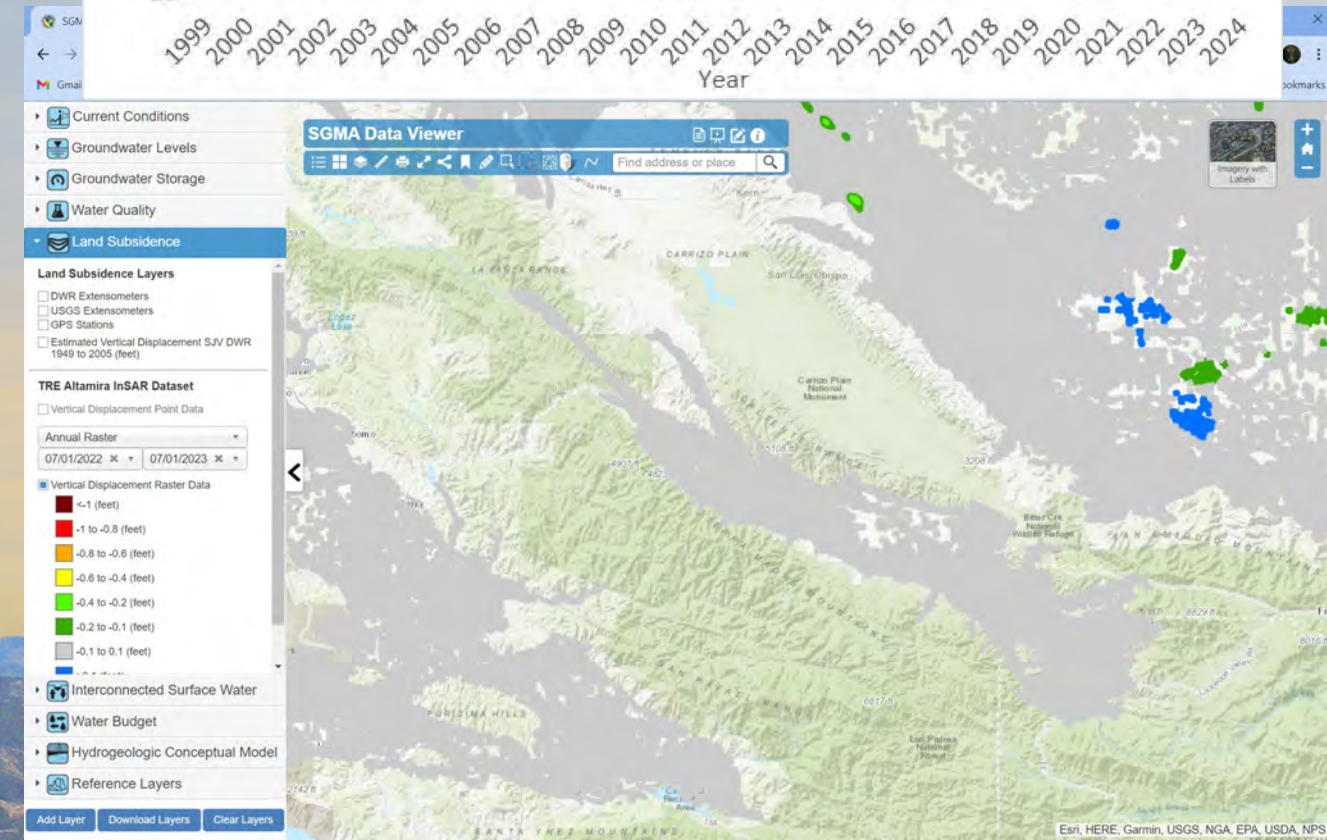
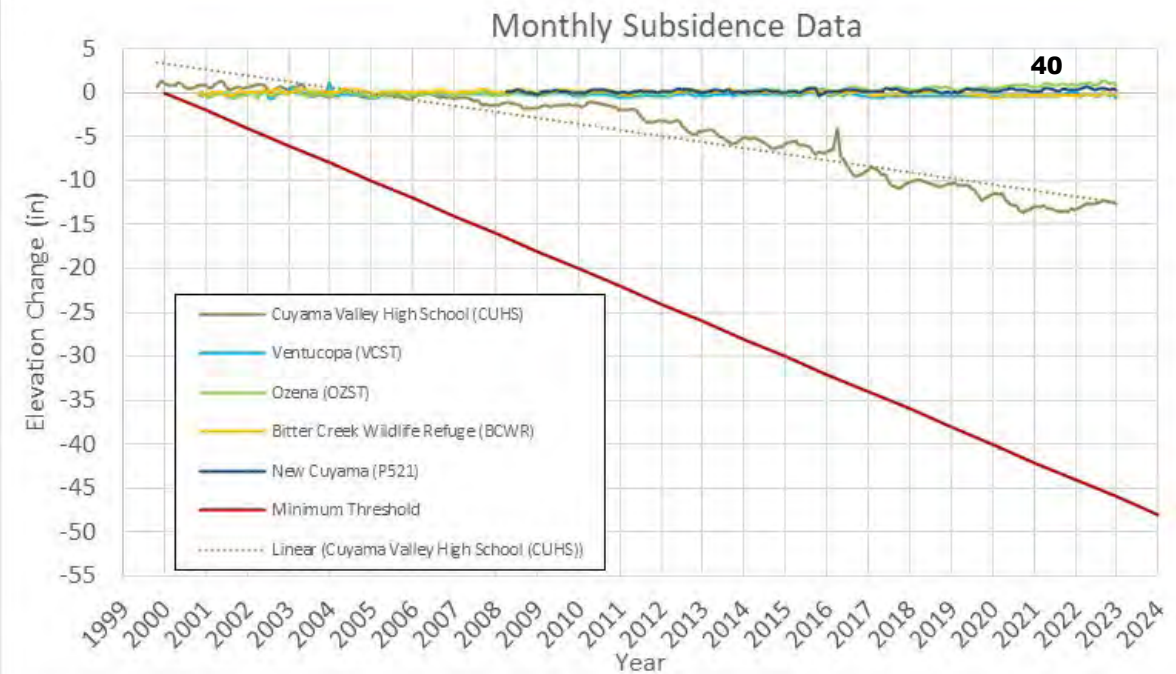
Subsidence Reporting Resources and Options for Future GSP Monitoring

■ Subsidence Monitoring Resources:

- GSA monitoring network
- TRE Altamira InSAR Dataset at <https://sgma.water.ca.gov/webgis/?appid=SGMADataViewer>

■ Potential Options for GSP Monitoring Network:

1. Staff recommendation: Continue with the same network
2. Add new stations
3. Remove existing stations

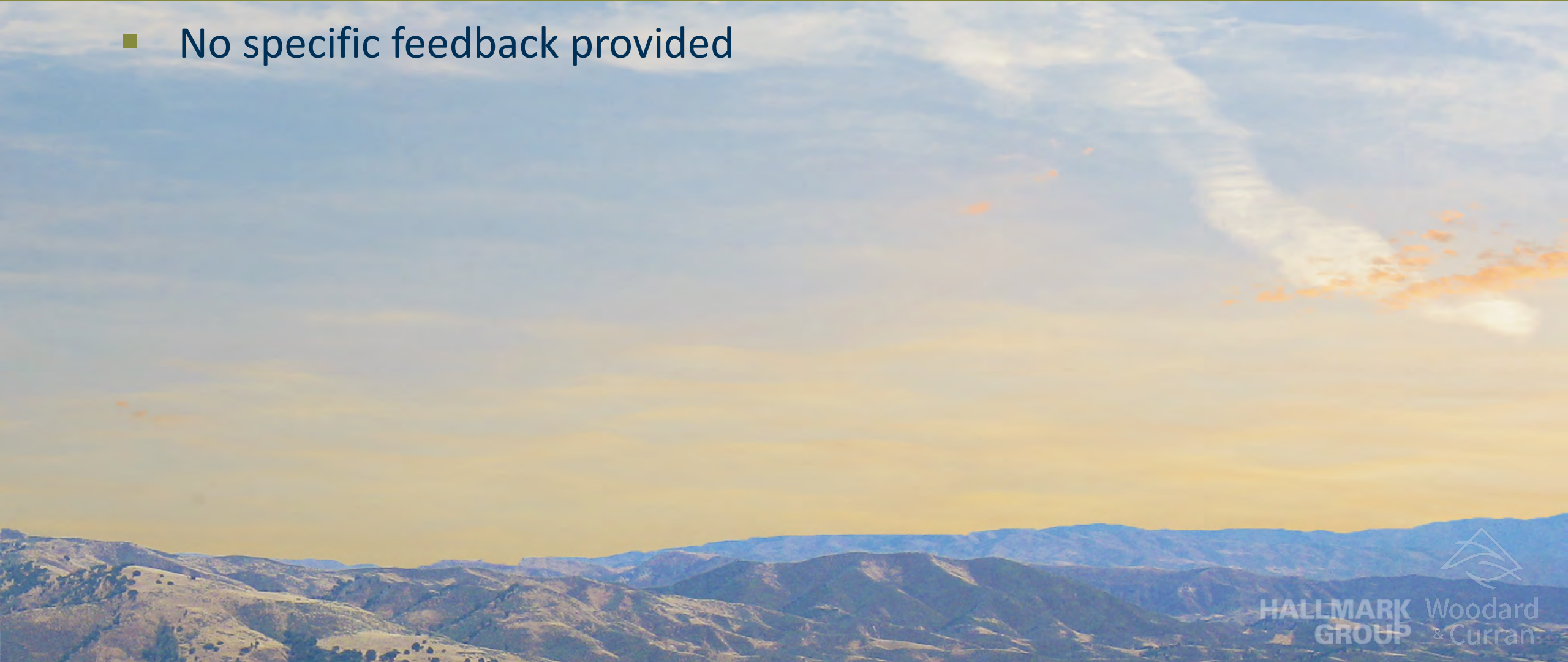


Tech Forum Feedback (10-3-2023)

- General support for staff recommendation
- Adding new stations would not be cost effective
- Consider reviewing high school station to ensure that data is accurate (i.e. review surface compaction, depth & construction information of extensometer)

Public Workshop Feedback (10-12-2023)

- No specific feedback provided



Cuyama Basin Groundwater Sustainability Agency

6e. Interconnected Surface Water Monitoring Network

October 9, 2023



GSP Approach and DWR Corrective Action and Upcoming ISW Guidance

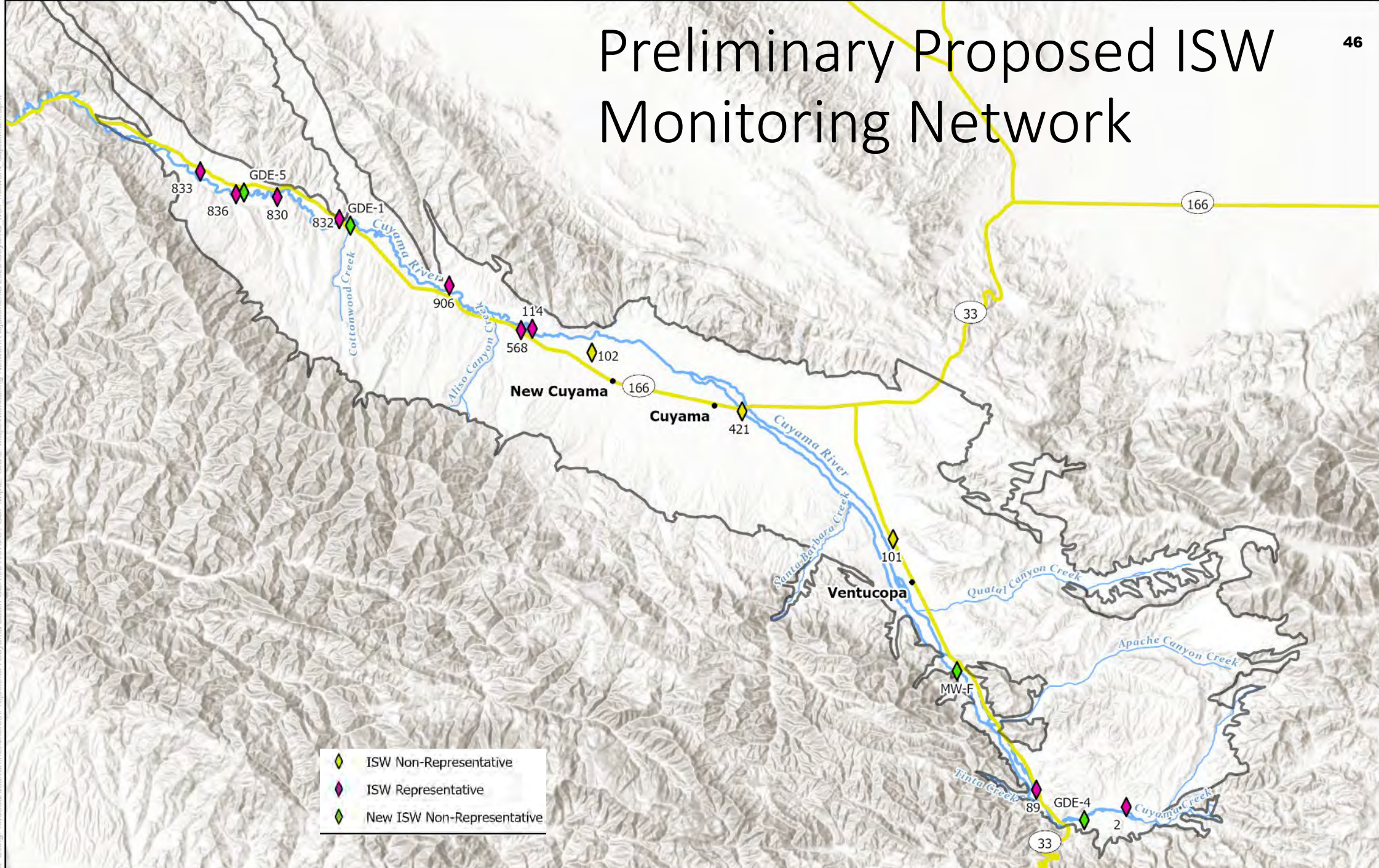
- **Supplemental GSP Section 4.10 (p. 4-68)** describes the development of the ISW monitoring network
 - Selection criteria: wells within 1.5 miles of Cuyama River with screened interval less than 100 feet
 - ISW monitoring network includes 9 representative wells and 3 other wells
- **DWR Corrective Action 2:**
 - Utilize DWR's ISW guidance as appropriate
 - Continue to fill data gaps, collect additional monitoring data, and implement the current strategy to better understand and manage ISW
 - Prioritize collaboration with local, state and federal regulatory entities and other interested parties to better understand beneficial uses and users that may be impacted by pumping-induced surface water depletion
- DWR intends to provide ISW guidance by Spring 2024

Preliminary Recommendation for ISW Monitoring Network

45

- Staff recommends waiting until DWR issues ISW guidance before selecting an approach
- Preliminary recommendation is to add newly installed piezometers and shallow multi-completion well to be installed using grant funding to the existing ISW network

Preliminary Proposed ISW Monitoring Network



- Yellow diamond: ISW Non-Representative
- Pink diamond: ISW Representative
- Green diamond: New ISW Non-Representative

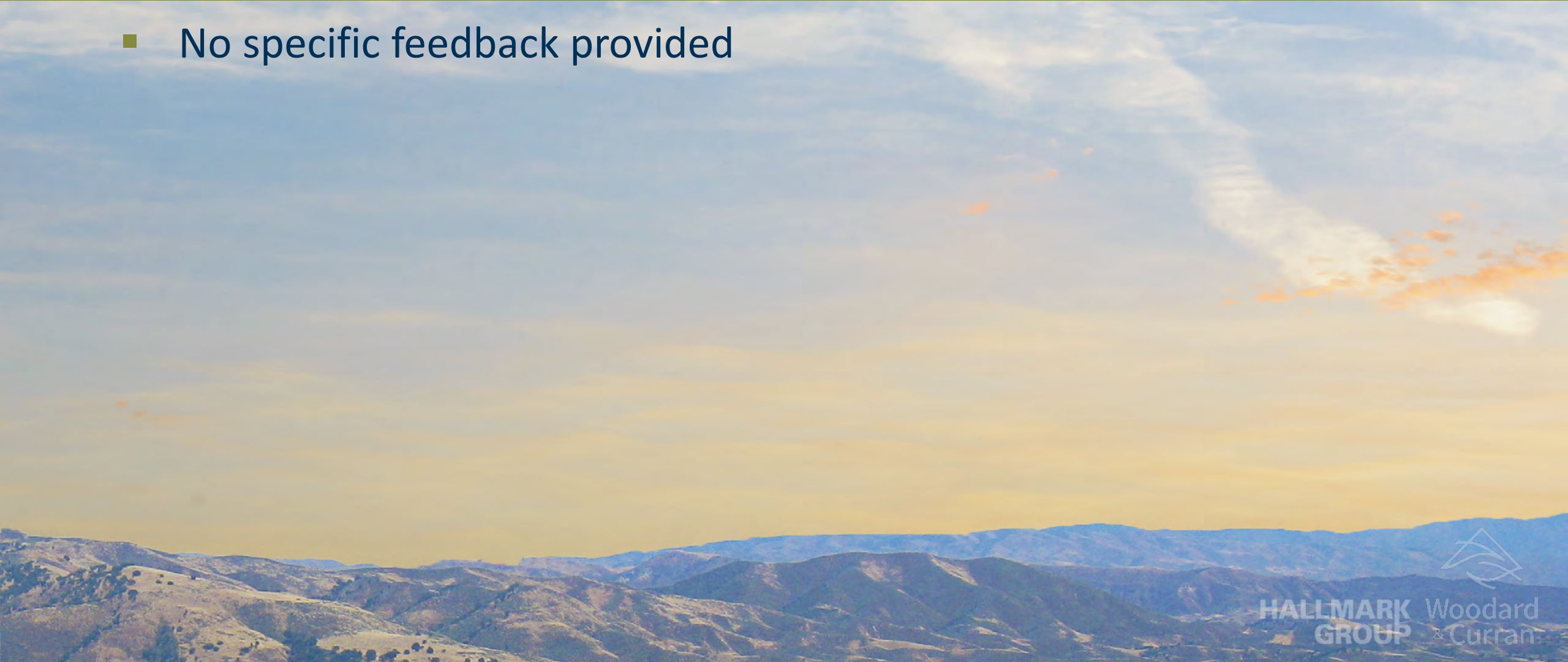
Unit Using: w:\woodr\douglas\rel\shared\Projects\CA_Cuyama Basin_GSA\0011078.01_GSI\wip\z_gis\2_Maps\Monitoring Network Adjustments_2023\Cuyama_well_network_adjustment.aprx

Tech Forum Feedback (10-3-2023)

- General agreement to wait for DWR guidance before making decisions

Public Workshop Feedback (10-12-2023)

- No specific feedback provided



Cuyama Basin Groundwater Sustainability Agency

6f. Groundwater Quality Monitoring Network

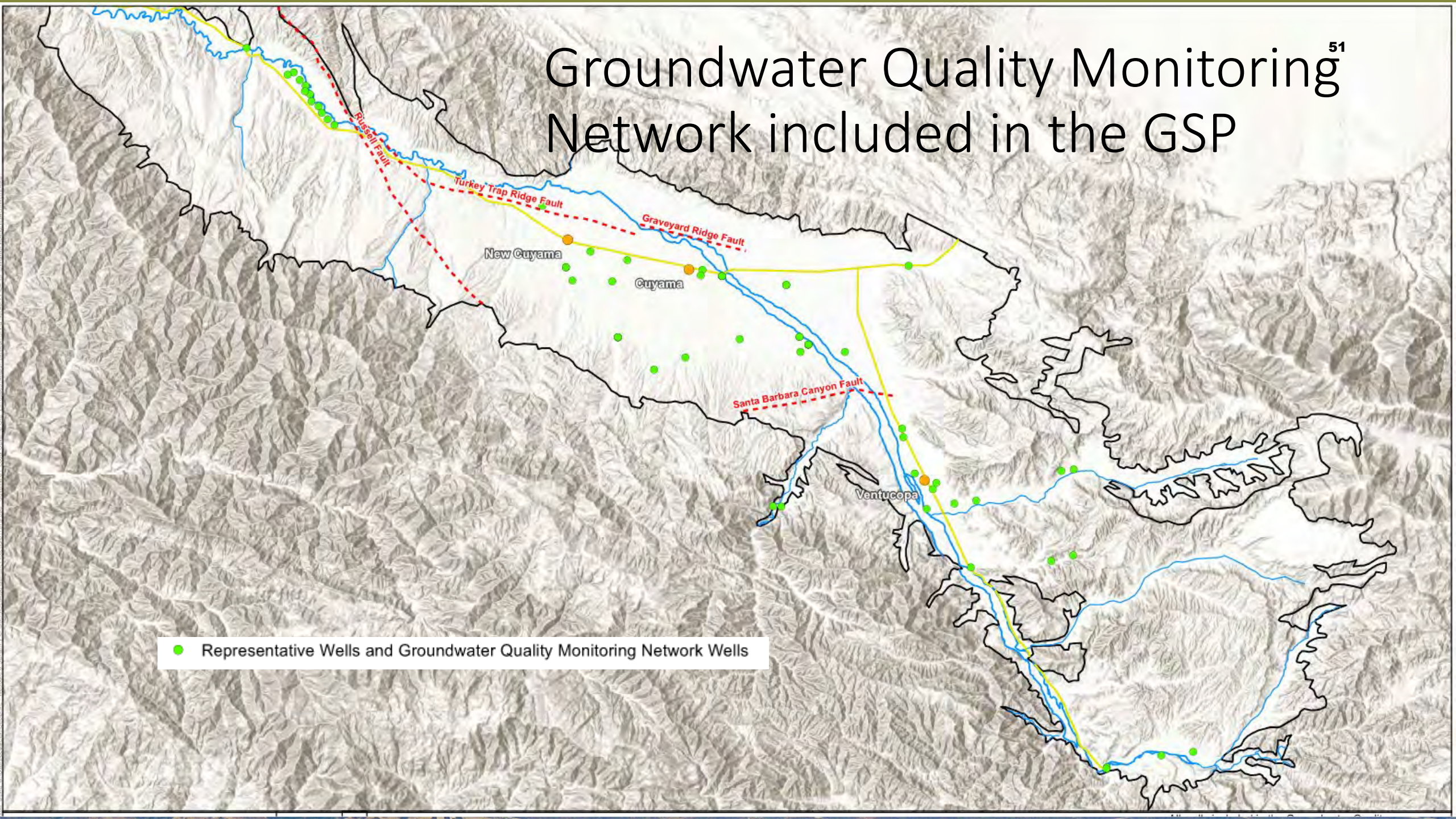
October 9, 2023



- **GSP Section 4.8 (p. 4-50)** describes the development of the Groundwater quality monitoring network
 - Included 64 wells, all were representative wells
 - Monitoring was for TDS only, not nitrates or arsenic
 - Monitoring frequency is one measurement per year
- Subsequent to GSP development, the following non-representative wells have been added:
 - TSS wells (9)
 - New transducers installed by CBGSA (3)

Groundwater Quality Monitoring Network included in the GSP⁵¹

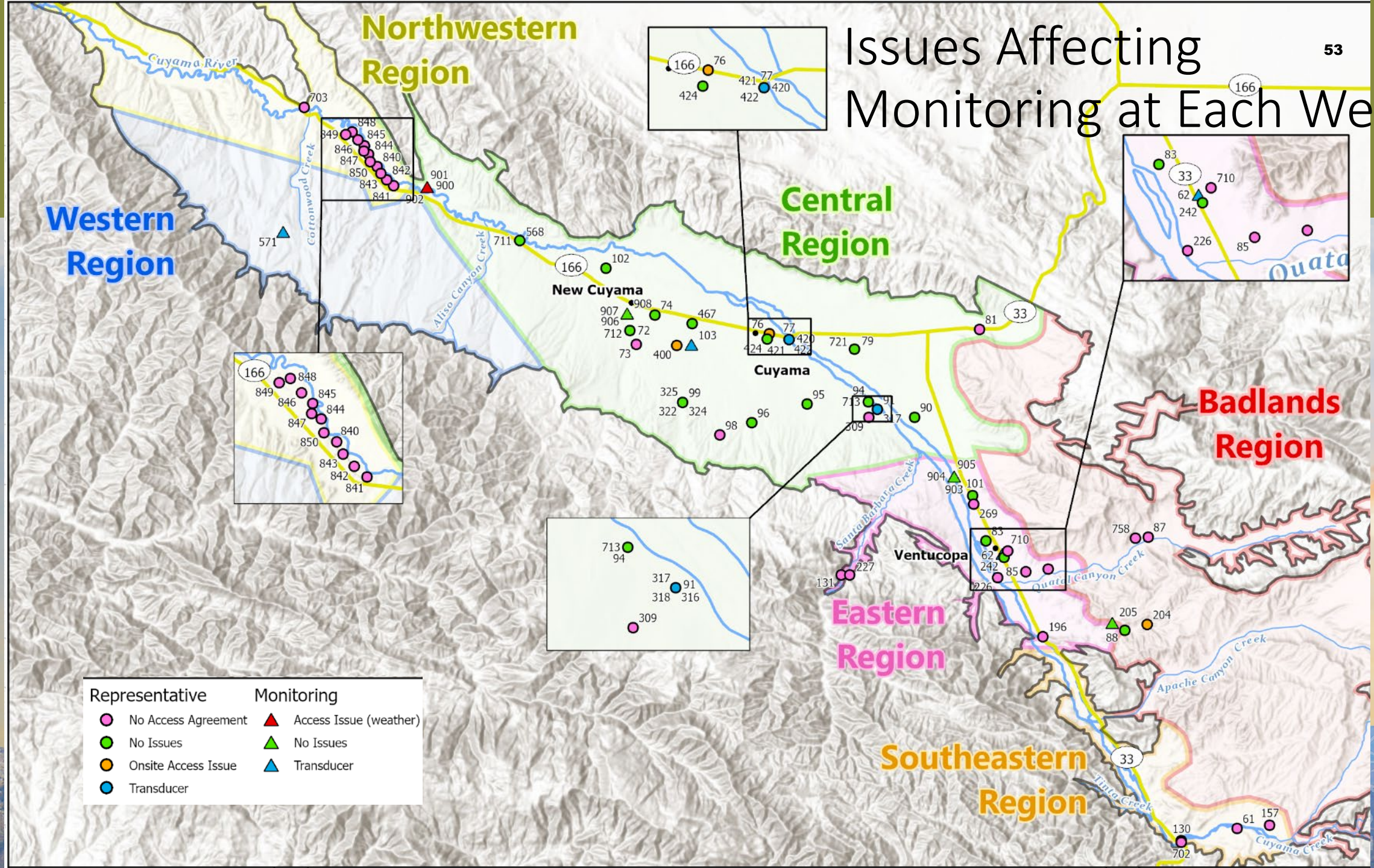
● Representative Wells and Groundwater Quality Monitoring Network Wells



Review of Groundwater Quality Monitoring Network (TDS)

- The existing groundwater levels monitoring wells were reviewed with respect to the following issues:
 - Lack of landowner agreement for monitoring
 - Access issues due to issues at the wellsite
 - Access issues due to weather
 - Whether the well is projected to go dry between now and 2030

Issues Affecting Monitoring at Each Well

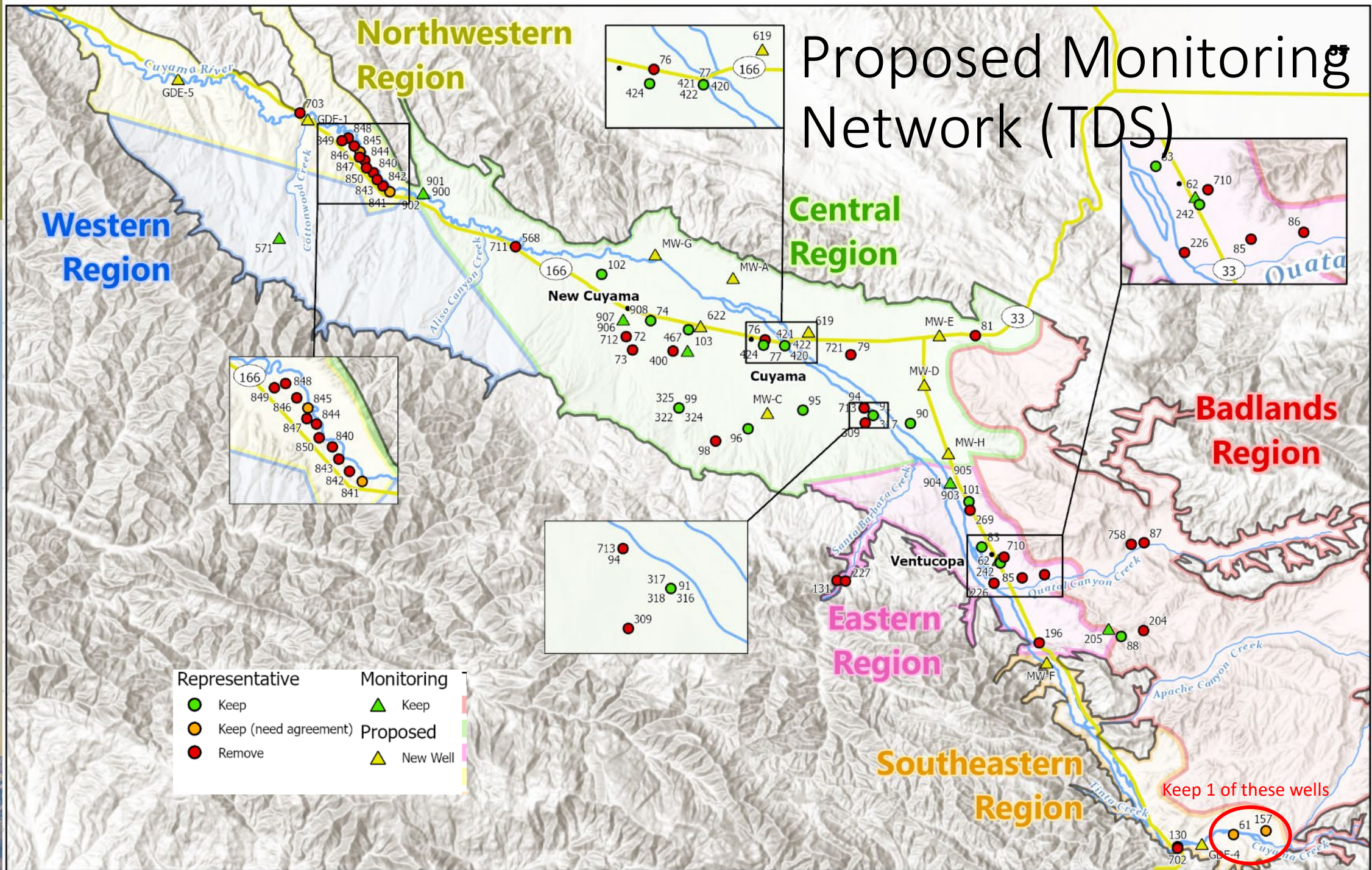


Representative	Monitoring
● No Access Agreement	▲ Access Issue (weather)
● No Issues	▲ No Issues
● Onsite Access Issue	▲ Transducer
● Transducer	

Recommendation for Groundwater Quality Monitoring Network (TDS)

- Representative wells:
 - Include all existing wells with an existing agreement where monitoring is still possible
 - Remove well 204 (which is a surface water seep not appropriate for monitoring)
 - Remove all other wells except for (agreement would be required):
 - Wells 841 and 845 (Northwestern Region)
 - Either well 61 or 157 (Southeastern Region)
- Other Monitoring wells:
 - Keep all existing wells (including well 205 which has replaced well 204)
 - Add new piezometers and multi-completion monitoring wells that will be constructed this year under the DWR grant
- Revised network would include 58 wells, 27 of which are representative wells

Proposed Monitoring Network (TDS)



Representative		Monitoring	
●	Keep	▲	Keep
●	Keep (need agreement)	▲	Proposed
●	Remove	▲	New Well

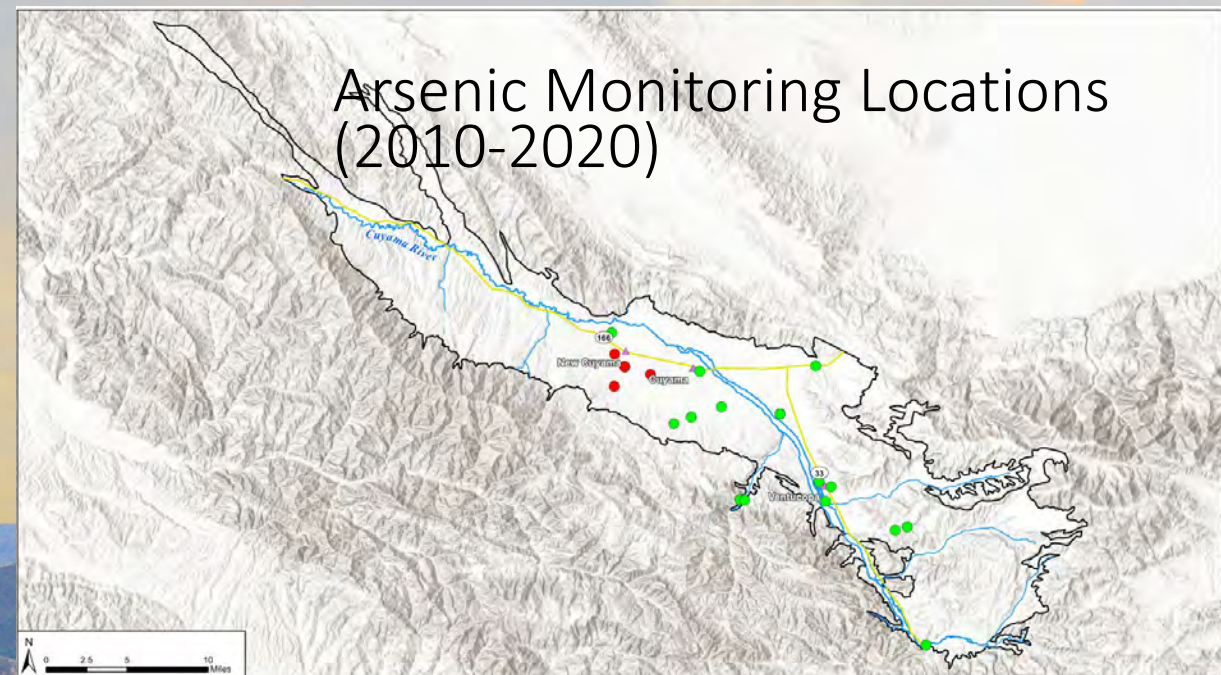
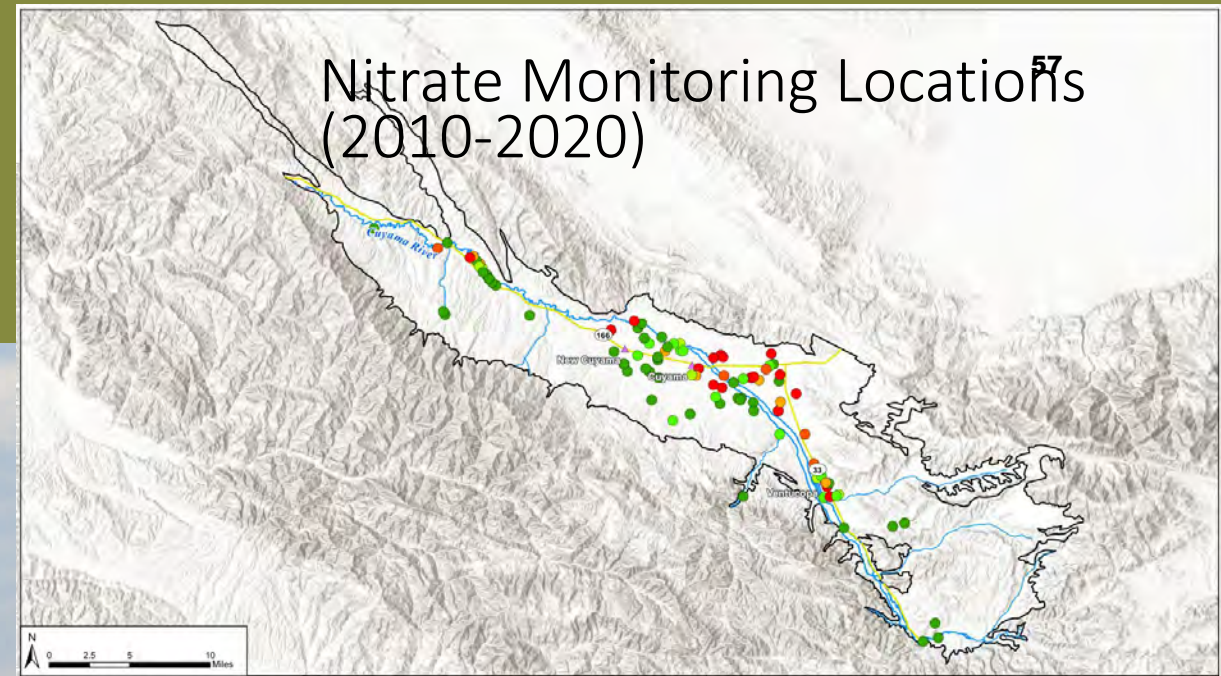
Keep 1 of these wells

GSP Approach and DWR Corrective Action on Monitoring for Arsenic and Nitrates

- **GSP Section 4.8:** “there is no evidence to suggest a causal nexus between potential actions under the CBGSA’s authority and arsenic or nitrates ... Because arsenic occurs in the subsurface at different elevations and densities throughout the Basin, arsenic issues are localized and different at each well location. Since the CBGSA is only granted authority to affect the amount of water pumped across portions of the Basin, it is not possible for the CBGSA to successfully manage arsenic levels, and setting thresholds on an unmanageable constituent could cause unnecessary intervention by the SWRCB. Therefore, the groundwater quality network has been established to monitor for salinity but does not consider arsenic or nitrates at this time. The CBGSA will cooperate with other agencies that may perform monitoring of other constituents to the extent possible. ”
- **DWR Correction Action 5:** “Clarify the GSA’s intent to perform ongoing measurements and analysis of groundwater samples for arsenic and nitrate ... Discuss the frequency of the ongoing measurements for nitrate and arsenic.”

Options for Monitoring of Arsenic and Nitrates

1. Confirm current policy:
 - a. Clarify that the results of ongoing arsenic and nitrates monitoring by other entities are used by the CBGSA
2. Initiate a GSA-led monitoring program for arsenic and nitrates, with monitoring performed at same locations as TDS wells
 - a. Perform monitoring **every year**
 - b. Perform monitoring **once every 5 years** to correspond with GSP updates
3. **Staff Recommendation:**
 - A combination of #1 and #2b

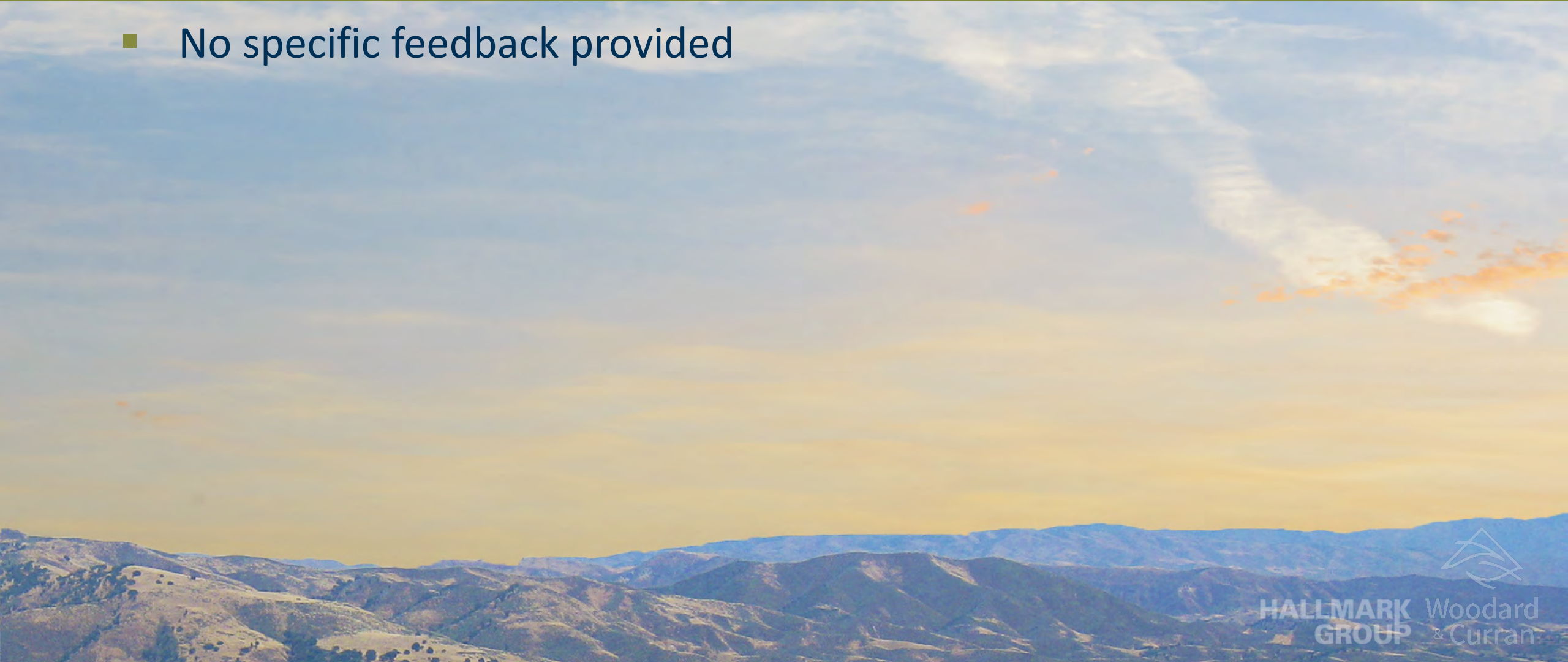


Tech Forum Feedback (10-3-2023)

- TDS monitoring network:
 - General agreement in support of staff recommendation for TDS monitoring network, with the following suggest revisions:
 - Consider adding or keeping TDS monitoring wells to fill spatial data gaps in Badlands and Western region
 - Consider reviewing the vertical coverage of current network to see if there are any duplicative wells
- Nitrates and Arsenic:
 - General agreement to continue with current Board policy and consider some GSA monitoring if necessary

Public Workshop Feedback (10-12-2023)

- No specific feedback provided



Cuyama Basin Groundwater Sustainability Agency

6g. Subsidence Sustainable Management Criteria and Undesirable Results Definitions

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GSP Approach and Potential Options

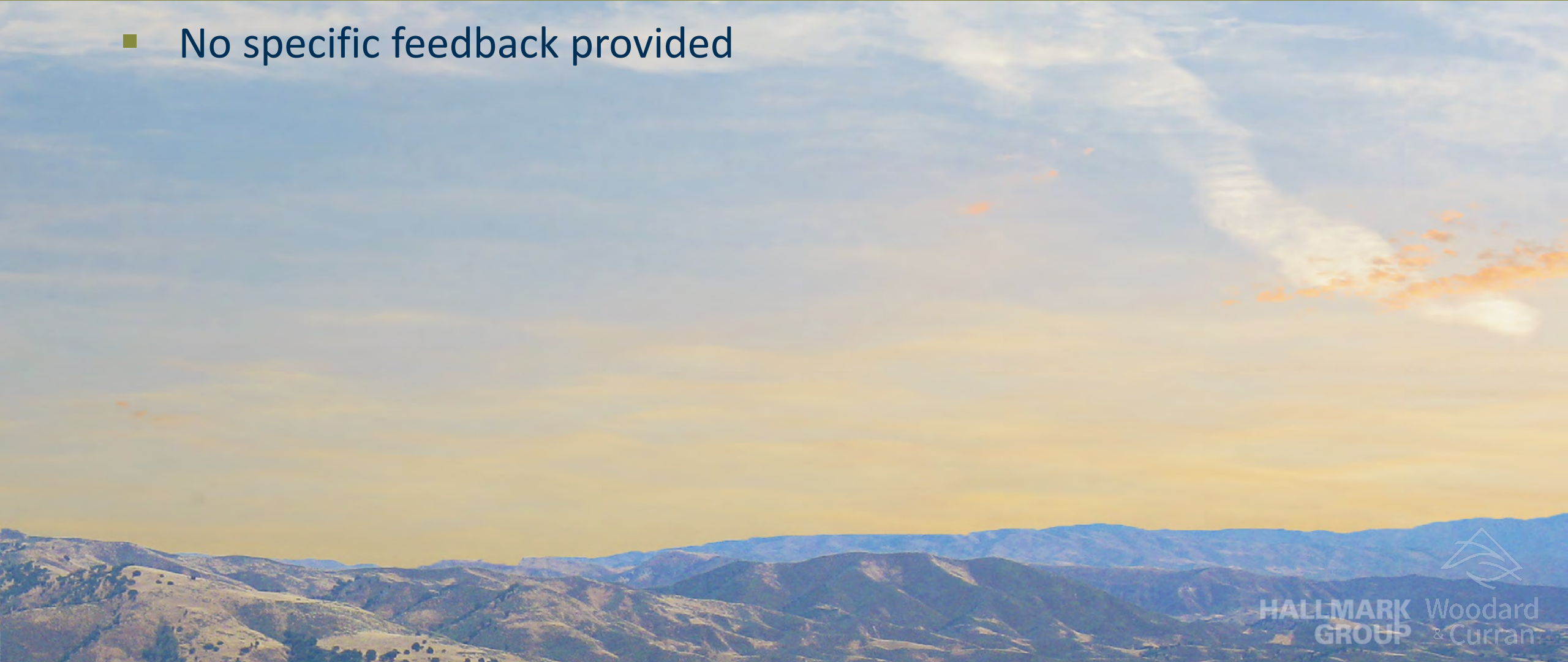
- **GSP Section 3.3.5 Identification of Undesirable Results (p. 3-7):** “(This result) is considered to occur during GSP implementation when 30 percent of representative monitoring wells (i.e., 1 of 2 wells) exceed minimum threshold for subsidence for two consecutive years.”
- **GSP Section 5.6.3 Subsidence (p. 5-23):**
 - “Because current subsidence rates (approximately 0.8 inches per year) are not significant and unreasonable, the MT rate for subsidence was set at 2 inches per year to allow for flexibility as the Basin works toward sustainability in 2040.”
 - “The MO for subsidence is set for zero lowering of ground surface elevations.”
- **Potential Options:**
 1. Continue to use the same UR definition, MT and MO
 2. Adjust the MT rate of subsidence to reflect more recent data

Tech Forum Feedback (10-3-2023)

- General support for keeping the same approach
- Consider ground-truthing of Cuyama High School station data

Public Workshop Feedback (10-12-2023)

- No specific feedback provided



Cuyama Basin Groundwater Sustainability Agency

6h. Interconnected Surface Water Management Criteria and Undesirable Results Definitions

October 26, 2023



GSP Approach and Potential Options

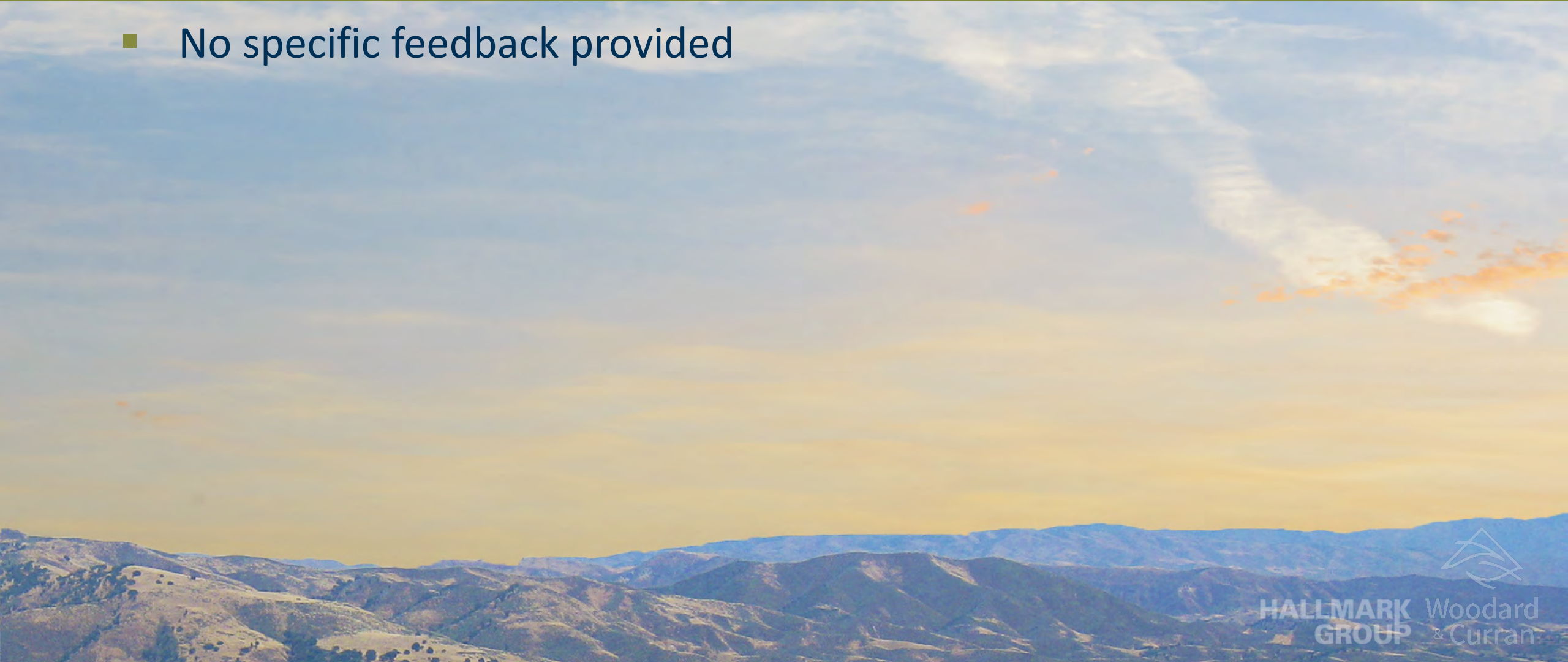
- **Supplemental GSP Section 3.3 (p. 3-10):** “With respect to the Depletions of Interconnected Surface Water (ISW) – in conjunction with a representative monitoring network specific to ISW - the UR for ISW has been modified to be considered to occur during GSP implementation when at least 30 percent of representative ISW monitoring wells (i.e., 3 of 9) fall below their minimum groundwater elevation thresholds for two consecutive years.”
- **Supplemental GSP Section 4.10 (p. 4-68)** describes minimum thresholds and measurable objectives for the ISW representative wells
 - MTs and MOs at each well are the same for ISW as they are for GW levels
- **Add DWR Guidance**
- **Potential Options:**
 1. Wait for DWR Guidance (expected by Spring 2024)
 2. Continue to use the same UR definition, MT and MOs
 3. Use a different criteria for ISW than for groundwater levels at each well
 - E.g. Perform technical analysis to relate stream depletions to changes in groundwater levels

Tech Forum Feedback (10-3-2023)

- General support for waiting for DWR guidance to make changes
- It is important to understand correlations between surface flows and newly installed piezometers

Public Workshop Feedback (10-12-2023)

- No specific feedback provided



Cuyama Basin Groundwater Sustainability Agency

6i. Groundwater Quality Sustainable Management Criteria and Undesirable Results Definitions

October 26, 2023



GSP Approach and DWR Recommended Corrective Action ⁶⁹

- **GSP Section 3.3.4 Identification of Undesirable Results (p. 3-7):** “This result is considered to occur during GSP implementation when 30 percent of representative monitoring wells (i.e., 20 of 64 wells) fall below their minimum groundwater elevation thresholds for two consecutive years.”
- **GSP Section 5.5.3 Minimum Thresholds, Measurable Objectives, and Interim Milestones (p. 5-6):**
 - Sustainability criteria were established for TDS at representative wells:
 - MTs were set to be the 20 percent of the total range of each representative monitoring site above the 90th percentile of measurements for each site
 - MOs were set at the lower of 1,500 mg/L or the most recent measurement as of 2018
 - No sustainability criteria were established for arsenic or nitrates
- **DWR Recommended Corrective Actions:**
 - **Action 3:** “Provide an update regarding the project to construct a new replacement production well near the community of New Cuyama ... If this project is not effective or not implemented by the periodic evaluation, the GSA should develop sustainable management criteria for arsenic.”
 - **Action 4:** “Department staff recommend the GSA develop sustainable management criteria for nitrate.”

Options for Groundwater Quality Sustainability Criteria – Minimum Thresholds

- For TDS:
 1. Keep existing MTs
 2. Update previous MTs using more recent monitoring measurement data
 3. Set MTs based on water quality needed for beneficial uses (e.g. domestic, agricultural, GDEs)
 4. Set MTs based on continuation of historical trends
- For Nitrates and Arsenic:
 1. Continue current path of tracking measurements but not setting MTs
 2. Develop MTs for either nitrates or arsenics or both at **all water quality monitoring wells**
 3. Develop MTs for either nitrates or arsenics or both at **only municipal wells**

Options for Groundwater Quality Sustainability Criteria – Measurable Objectives

- For TDS:
 1. Keep same Measurable Objectives
 2. Retain existing Margin of Operational Flexibility – adjusted for new MT
 3. Apply a minimum buffer (sliding scale or consistent) to Moof
- For Nitrates and Arsenic:
 - Measurable objectives would be developed if the Board decides to develop minimum thresholds

Options for Groundwater Quality Undesirable Results Definitions

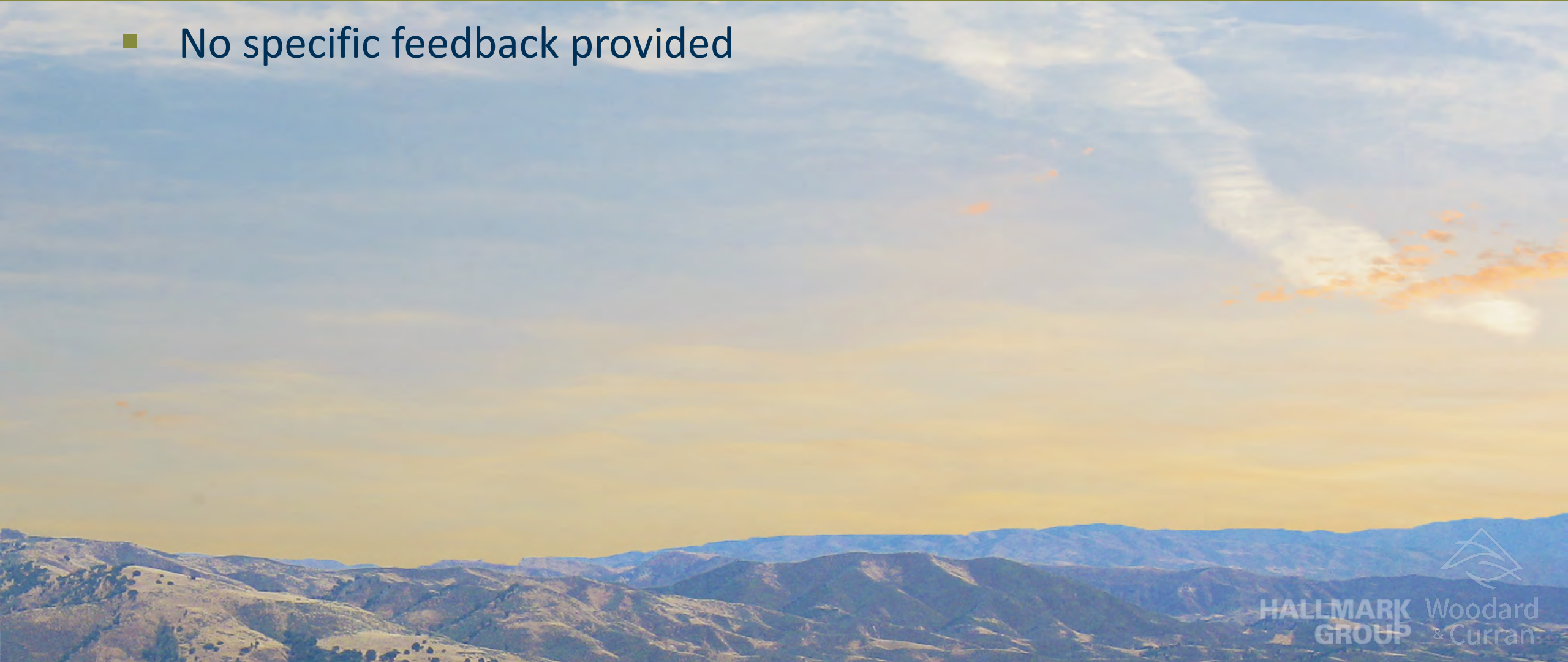
- For TDS:
 1. Keep the existing definitions
 2. Update to 30% of wells over 3 years instead of 2 years
 3. Develop separate thresholds based on projected impacts to different beneficial users (e.g. domestic versus ag wells)
 4. Develop separate undesirable results statements for different regions

Tech Forum Feedback (10-3-2023)

- TDS:
 - General support for either keep existing MTs or potentially look at revising MTs based on more recent measurements
 - Need to look at MTs and MOs together to ensure that we are setting reasonable targets
- Nitrates and Arsenic:
 - General support for tracking levels but not setting SMCs
- Need to better describe GSA actions when water quality minimum thresholds are exceeded

Public Workshop Feedback (10-12-2023)

- No specific feedback provided



Cuyama Basin Groundwater Sustainability Agency

6j. Glide Path Methodology

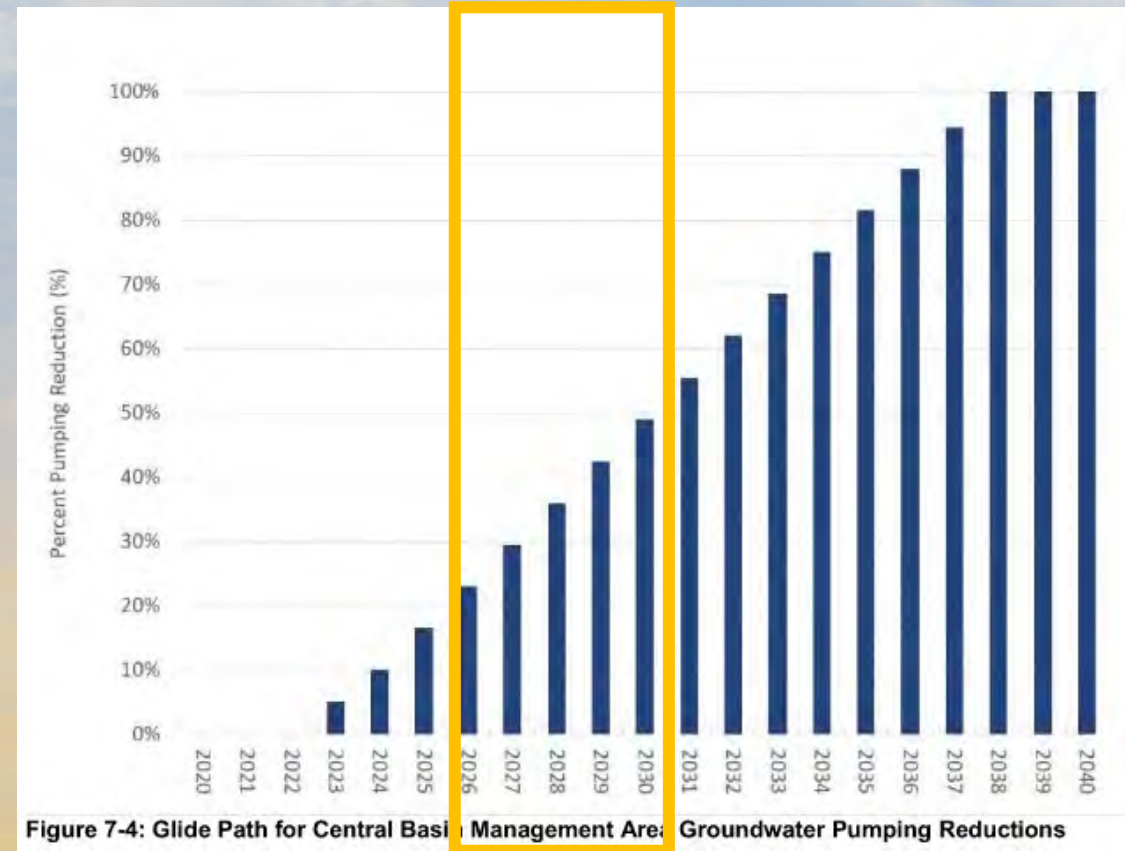
October 26, 2023



GSP Approach

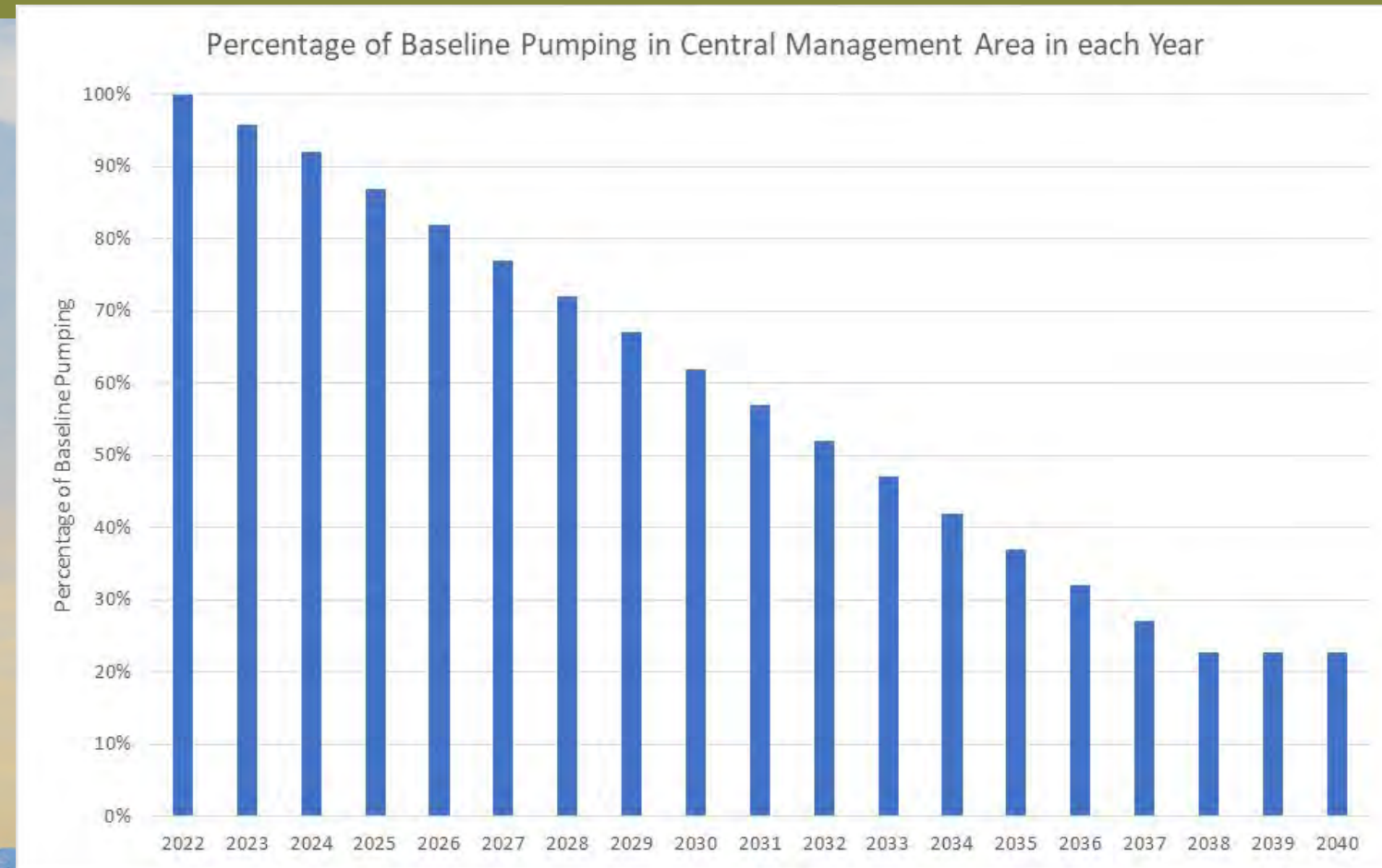
Board Policy in 2025 GSP Update will apply for 5 years until next update

- The glide path was developed as part of the Central Basin pumping allocations action in the GSP
- **GSP Section 7.5.2 (p. 7-23):** “The required decreases in pumping volumes to achieve balanced groundwater use in the Basin may result in substantial reductions in water availability over current use. The CBGSA plans to complete the pumping allocation plan in 2022, with pumping reductions beginning in 2023 at 5 percent of the total required reduction to achieve sustainability, and an additional 5 percent reduction in 2024. From 2025 to 2038, pumping would be reduced by 6.5 percent annually, so as to achieve sustainability in the Basin in 2038.”



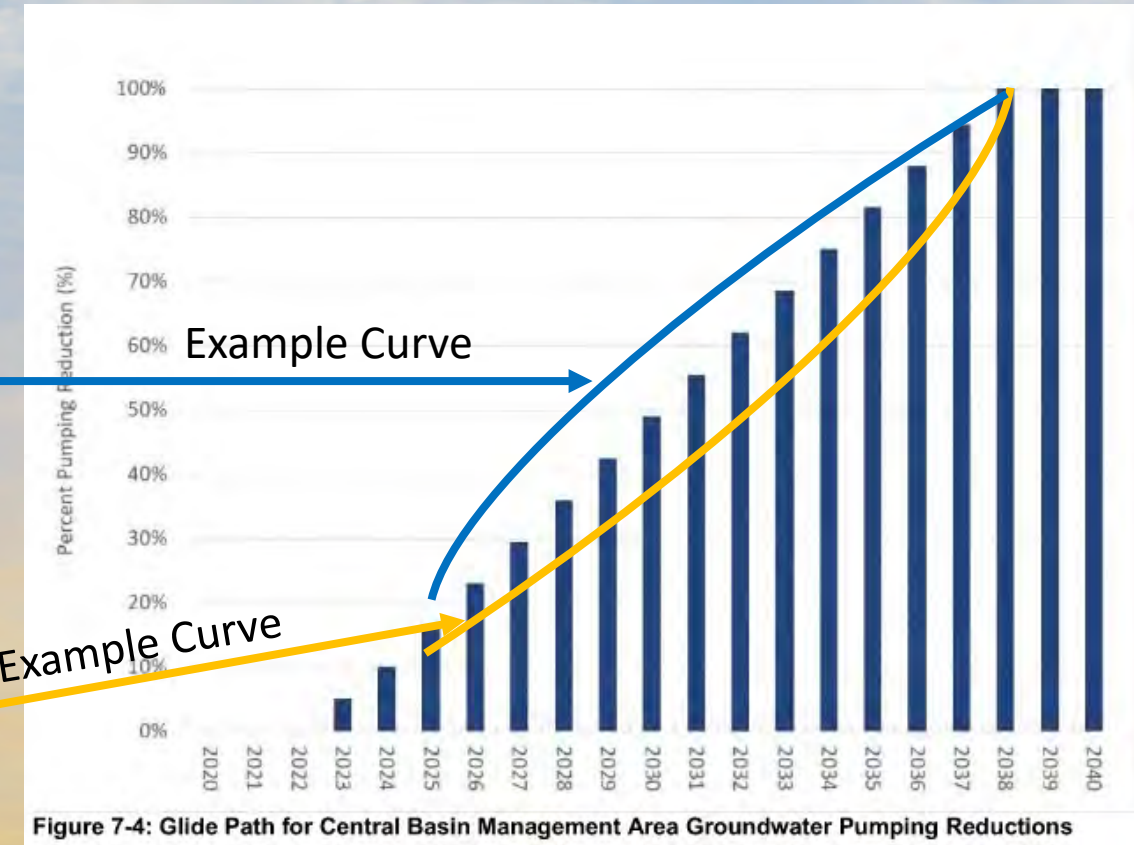
CBGSA GSP - Pumping Allocations Action

- Based on current modeling estimates, the **Glide Path** will result in Central Management Area pumping allocations equal to 23% of baseline pumping levels in 2040 (a reduction of 77%)
- This will be refined as the model is improved with additional data



Potential Options

- Central Management Area options:
 1. Continue to use the same glide path for pumping allocations
 2. Adjust glide path to have greater reductions earlier in the period and lesser reductions later in the period (less overall reduction in groundwater storage and levels)
 3. Adjust glide path to have lesser reductions earlier in the period and greater reductions later in the period (less early impacts to agricultural users)



Potential Options

- Other Central Management Area options:
 1. Adjust the glide path to account for potential implementation of water supply projects
 2. Adjust the glide path schedule in conjunction with minimum thresholds so that that groundwater levels stay above minimum thresholds in 2040
- Options if pumping allocations are implemented outside the CMA:
 1. Use the same glide path outside the CMA as inside the CMA
 2. Develop a different glide path outside the CMA that reflects differing local conditions

Tech Forum Feedback (10-3-2023)

- Perform modeling analysis to see how groundwater levels would change over time under different glide path scenarios
- Consider looking at economic impacts of different glide path scenarios
- Glide path should reflect local conditions if implemented outside the CMA

Public Workshop Feedback (10-12-2023)

- Consider making more aggressive cuts early on to achieve sustainability more quickly
- Consider how the glide path affects overall aquifer storage





TO: Standing Advisory Committee
Agenda Item No. 6k

FROM: Taylor Blakslee, Hallmark Group

DATE: October 26, 2023

SUBJECT: Approval of 2024 Meeting Schedule

Recommended Motion

Approve the 2024 Groundwater Sustainability Agency Board of Directors and Standing Advisory Committee meetings schedule provided in Agenda Item No. 6k.

Discussion

The proposed Cuyama Basin Groundwater Sustainability Agency (CBGSA) Board of Directors and Standing Advisory Committee (SAC) meeting calendar for 2024 is provided as Attachment 1 for consideration of approval.

Cuyama Basin Groundwater Sustainability Agency 2024 Meeting Calendar

BOD

SAC

Holiday

January						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

February						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29		

March						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

April						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

May						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

June						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

July						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

August						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

September						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

October						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

November						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

December						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				



TO: Standing Advisory Committee
Agenda Item No. 7a

FROM: Brian Van Lienden, Woodard & Curran

DATE: October 26, 2023

SUBJECT: Update on Groundwater Sustainability Plan Activities

Recommended Motion

None – information only.

Discussion

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

Cuyama Basin Groundwater Sustainability Agency

Update on Groundwater Sustainability Plan Activities

Brian Van Lienden

October 26, 2023



September-October Accomplishments

Brian Van Lienden

- ✓ Completed installation of three new piezometers and began installation of first multi-completion monitoring well
- ✓ Reviewed monitoring program data and developed proposal for revision of groundwater quality and subsidence monitoring networks
- ✓ Developed approaches for groundwater quality and subsidence sustainability criteria and updates to glide path for Board consideration
- ✓ Performed flight for river channel survey and began data processing
- ✓ Prepared materials for and facilitated October 2023 stakeholder workshop
- ✓ Submitted encroachment permit for fault investigation study



TO: Standing Advisory Committee
Agenda Item No. 7b

FROM: Brian Van Lienden, Woodard & Curran

DATE: October 26, 2023

SUBJECT: Update on Grant-Funded Projects

Recommended Motion

None – information only.

Discussion

An update on Cuyama Basin Groundwater Sustainability Agency (CBGSA) Grant-Funded Projects is provided as Attachment 1.

Cuyama Basin Groundwater Sustainability Agency

Update on Grant Funded Projects

Brian Van Lienden

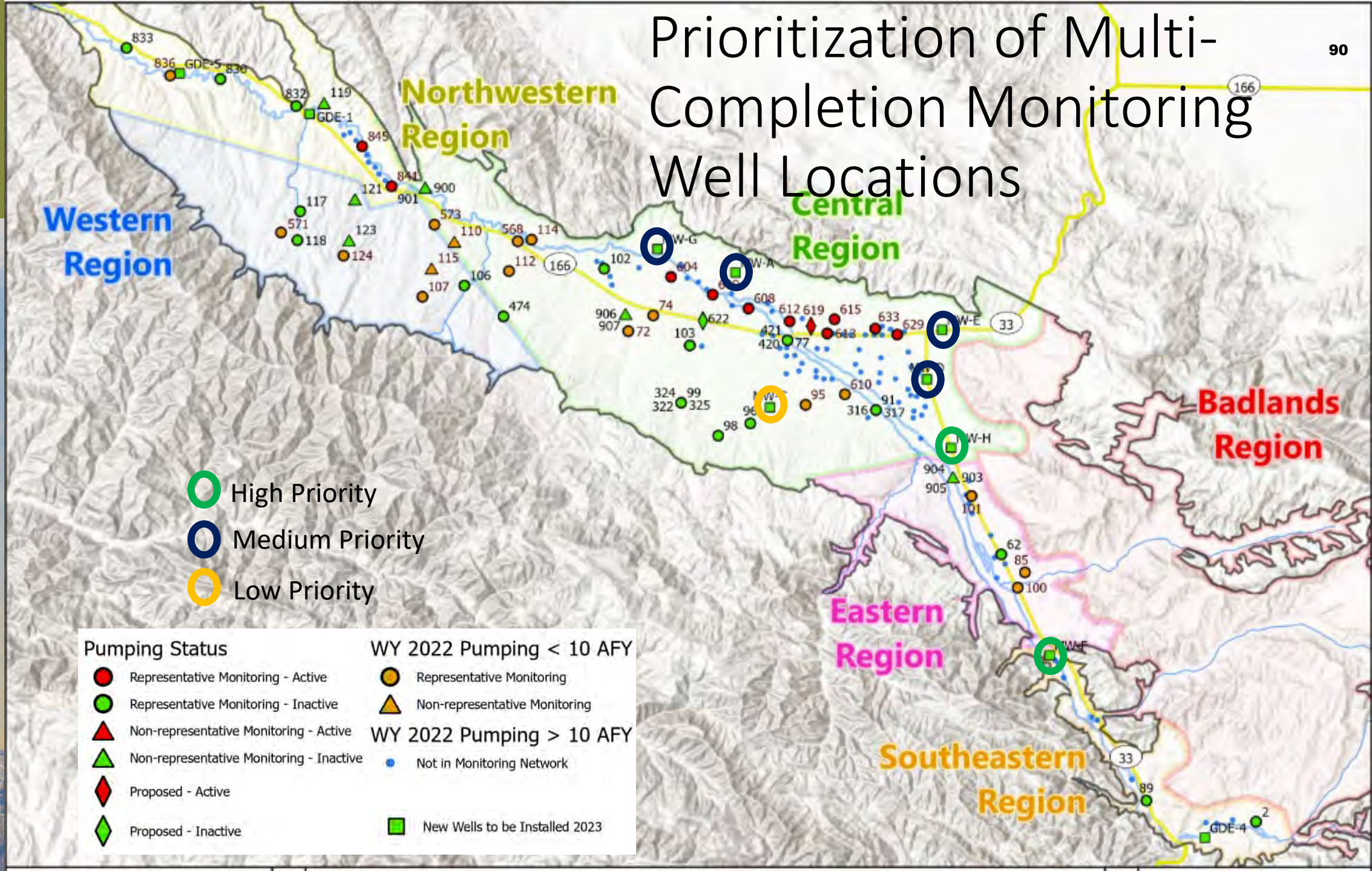
October 26, 2023



Status of Monitoring Well and Piezometer Installation Planning

- **Piezometer (GDE) Locations:**
 - Wells have been completed at all 3 locations (GDE-1, GDE-4 and GDE-5)
- **Multi-Completion Monitoring Well Locations:**
 - Drilling began at MW-F on October 23
 - Permits/agreements are in place at 1 other location (MW-C)
 - Permits/agreements are in process at 5 locations
 - Encroachment permits for locations MW-D and MW-H expected from Caltrans by end of October
 - Working with landowner to finalize agreements at locations MW-A, MW-E and MW-G

Prioritization of Multi-Completion Monitoring Well Locations



- High Priority
- Medium Priority
- Low Priority

Pumping Status

- Representative Monitoring - Active
- Representative Monitoring - Inactive
- ▲ Non-representative Monitoring - Active
- ▲ Non-representative Monitoring - Inactive
- ◆ Proposed - Active
- ◆ Proposed - Inactive

WY 2022 Pumping < 10 AFY

- Representative Monitoring
- ▲ Non-representative Monitoring

WY 2022 Pumping > 10 AFY

- Not in Monitoring Network
- New Wells to be Installed 2023

Plan and Prioritization for Multi-Completion Monitoring Wells

- The objective is to install at least 1 well at each of the 7 nest locations
 - Installation at 7 locations may be achievable within the budget by installing only 1 or 2 wells at most nest locations; this should be acceptable because of the depth to water at these locations

- Recommendation:

Location	Approximate Depth to Water (Spring 2022)	Recommended # of Completions
MW-A	400-600	2
MW-C	500-600	1
MW-D	600-650	2
MW-E	400-600	2
MW-F	30-80	3
MW-G	400-600	2
MW-H	400-450	3

Other Updates

- River Channel Survey
 - Flight was performed in September; data will be available in November
- Water Rights Analysis
 - Beginning data collection, including water rights information and Lake Twitchell historical flows and storage
- Land Use
 - LandIQ will provide land use estimates for the 2023 water year in December



TO: Standing Advisory Committee
Agenda Item No. 7c

FROM: Brian Van Lienden, Woodard & Curran

DATE: October 26, 2023

SUBJECT: Update on 2023 Groundwater Quality Conditions Report

Recommended Motion

None – information only.

Discussion

The annual Groundwater Quality Conditions Report – Cuyama Valley Groundwater Basin October 2023 report is summarized as Attachment 1 and the detailed report is provided as Attachment 2.

Cuyama Basin Groundwater Sustainability Agency

7c. Update on Groundwater Quality Conditions Report

Brian Van Lienden

October 26, 2023

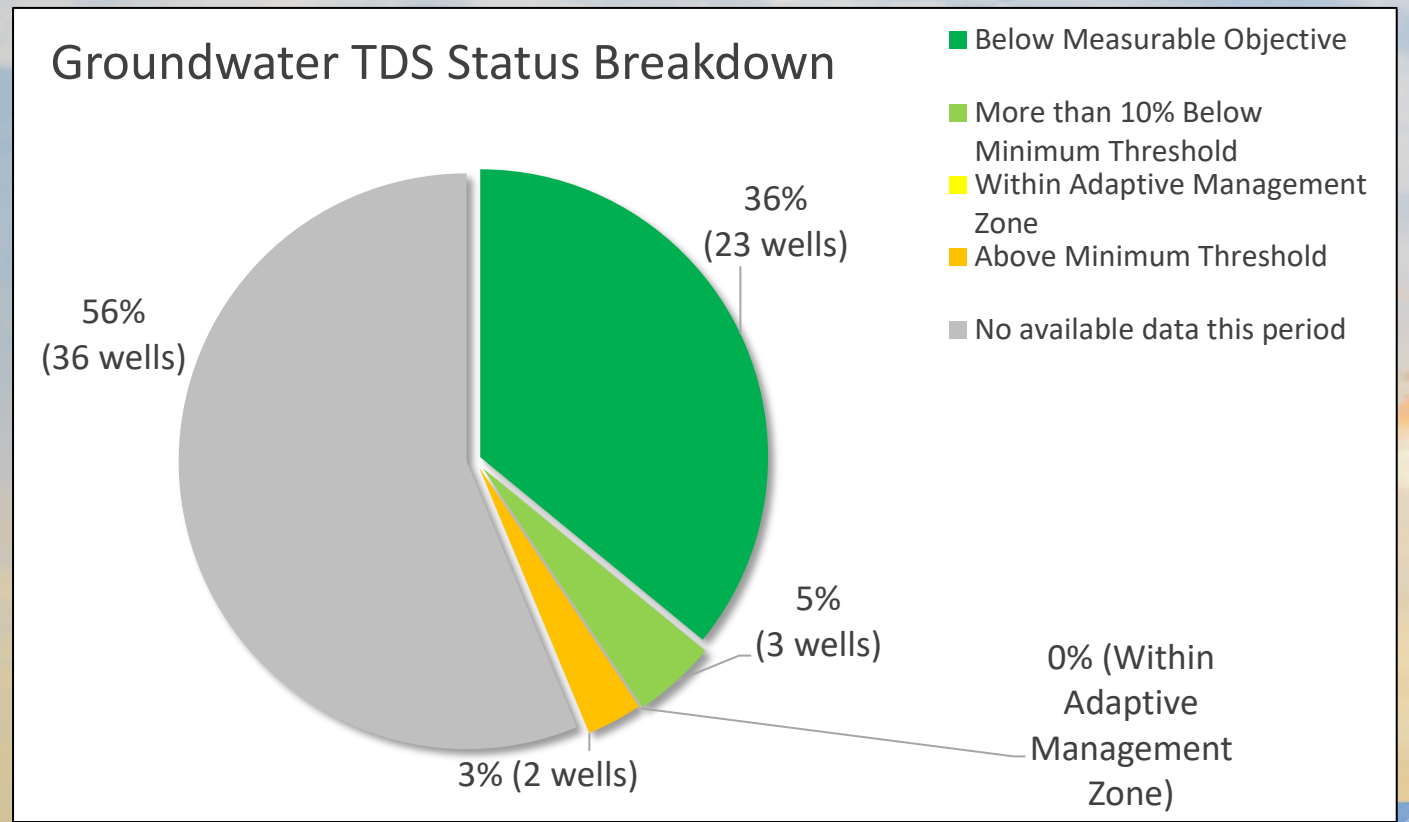


Groundwater Levels Monitoring Network – Summary of Current Conditions

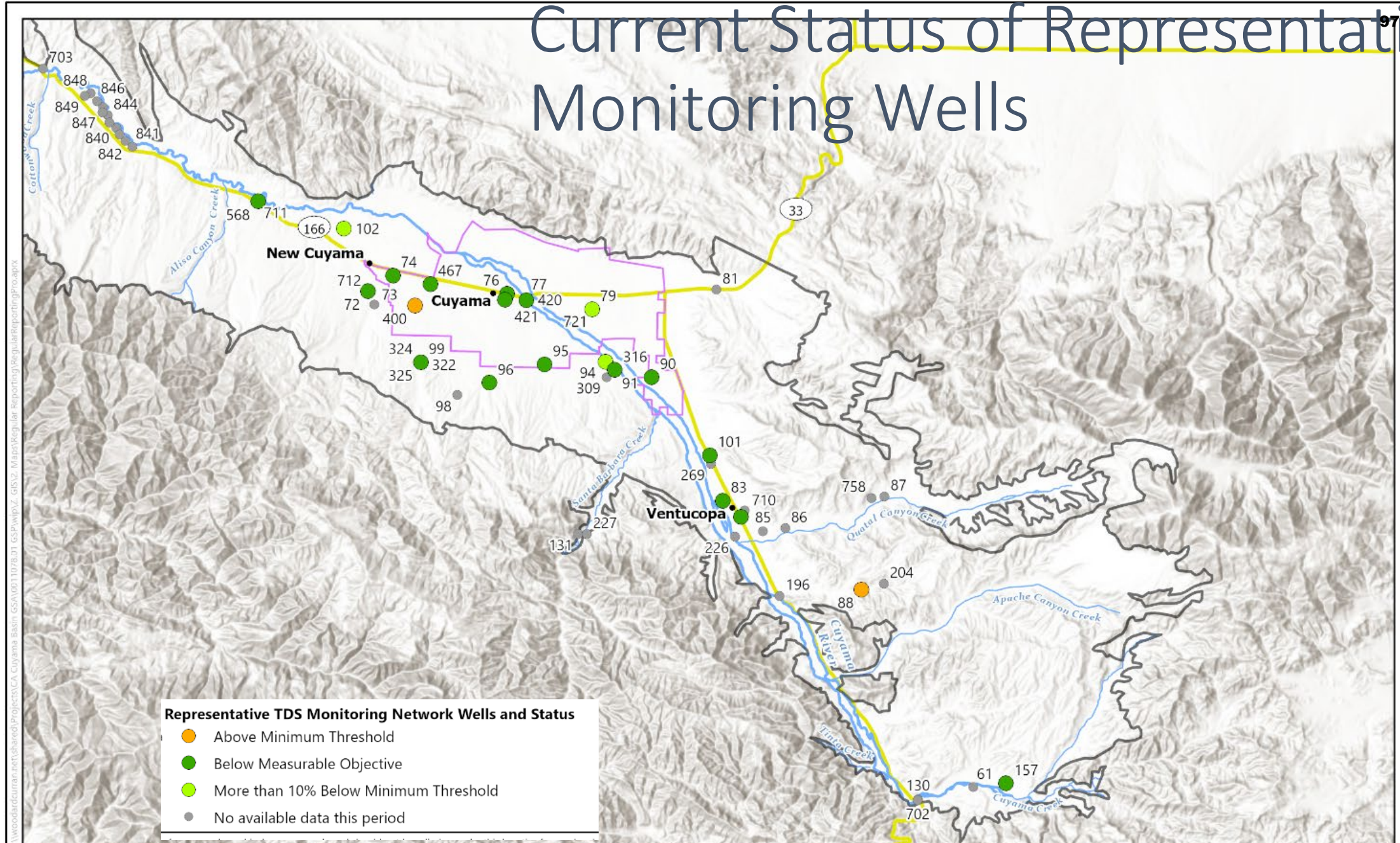
- Monitoring data collected by P&P in August 2023 for is included in the Groundwater Quality Conditions report
 - The report also includes transducer data collected at groundwater levels wells in July 2023
- **22** representative monitoring wells and **12** other wells have TDS measurements in 2023
 - **Note: A correction has been made to re-assign measurements previously reported at representative well 204 to nearby (non-representative) well 205.**
- 6 additional representative wells were measured for salinity in 2021 or 2022

Summary of Groundwater Well TDS Measurements as Compared To Sustainability Criteria

- **2** the 29 wells with a measurement in 2021, 2022 or 2023 are currently below minimum threshold (MT)
- **36** representative wells did not have a measurement in any year, in most cases because landowner agreement could not be obtained

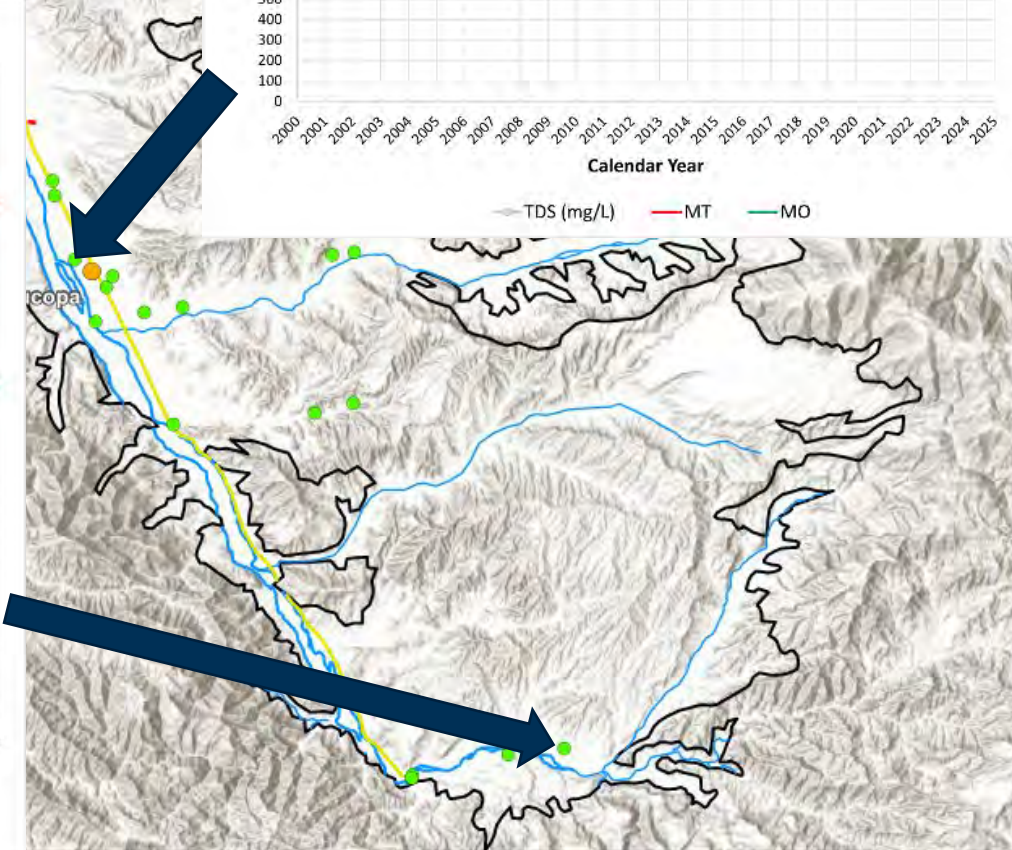
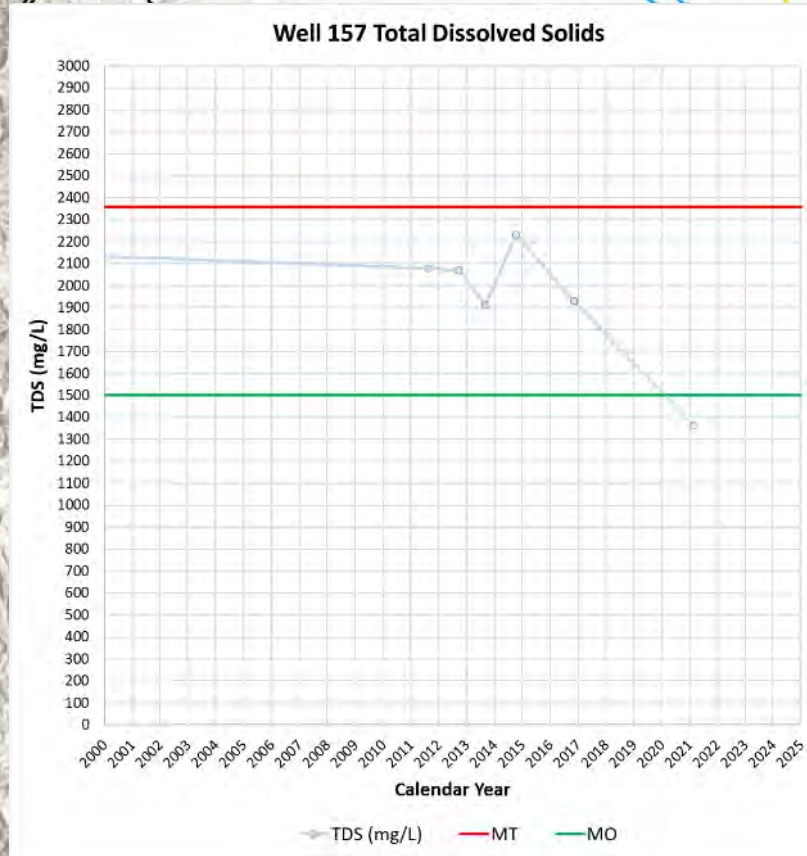
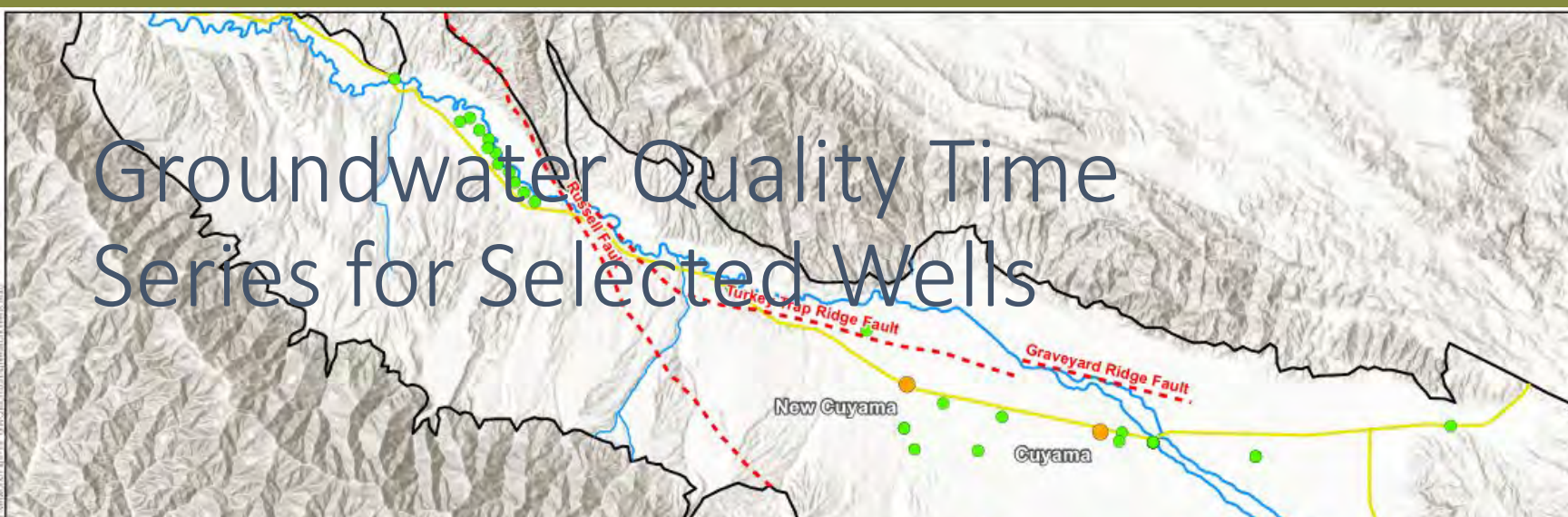


Current Status of Representative Monitoring Wells



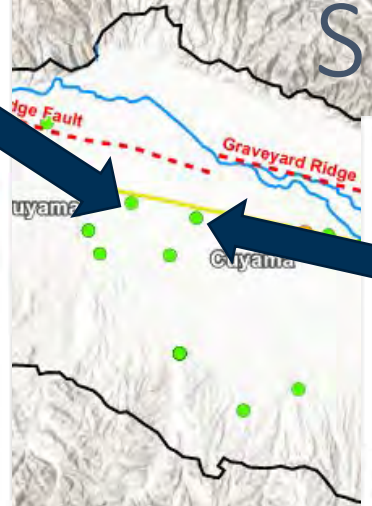
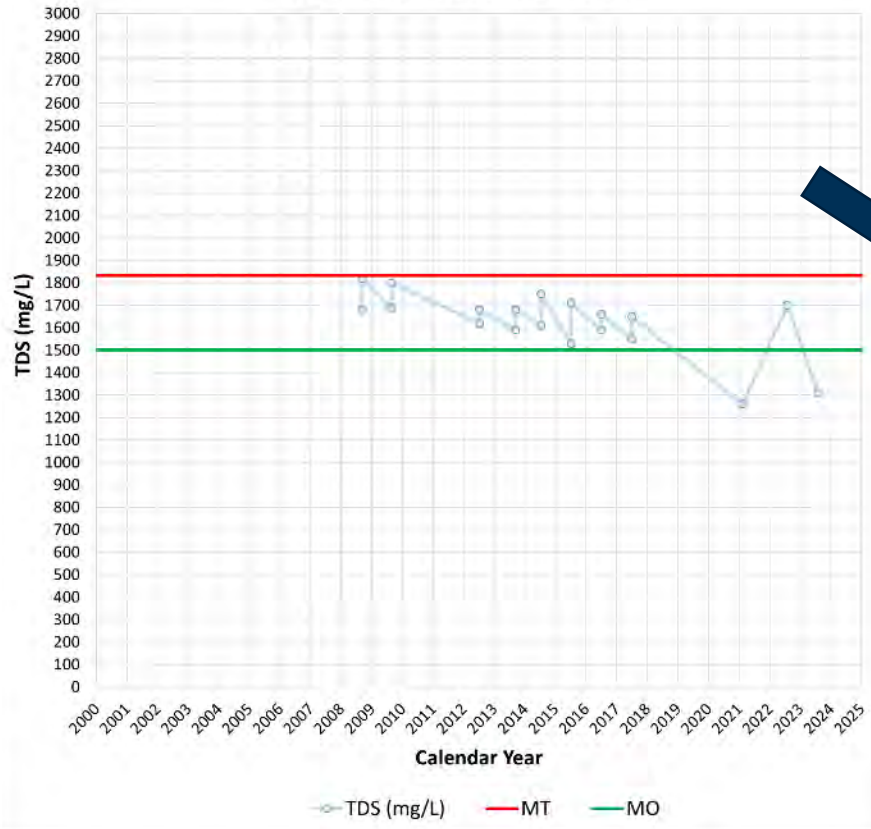
nt: Using: \\woodardcurran\c\shared\Projects\CA_Cuyama Basin_GSA\0011078\01_GSP\WP\Z_GIS2_Map\Regular_Reporting\RegularReportingPro.aprx

Groundwater Quality Time Series for Selected Wells

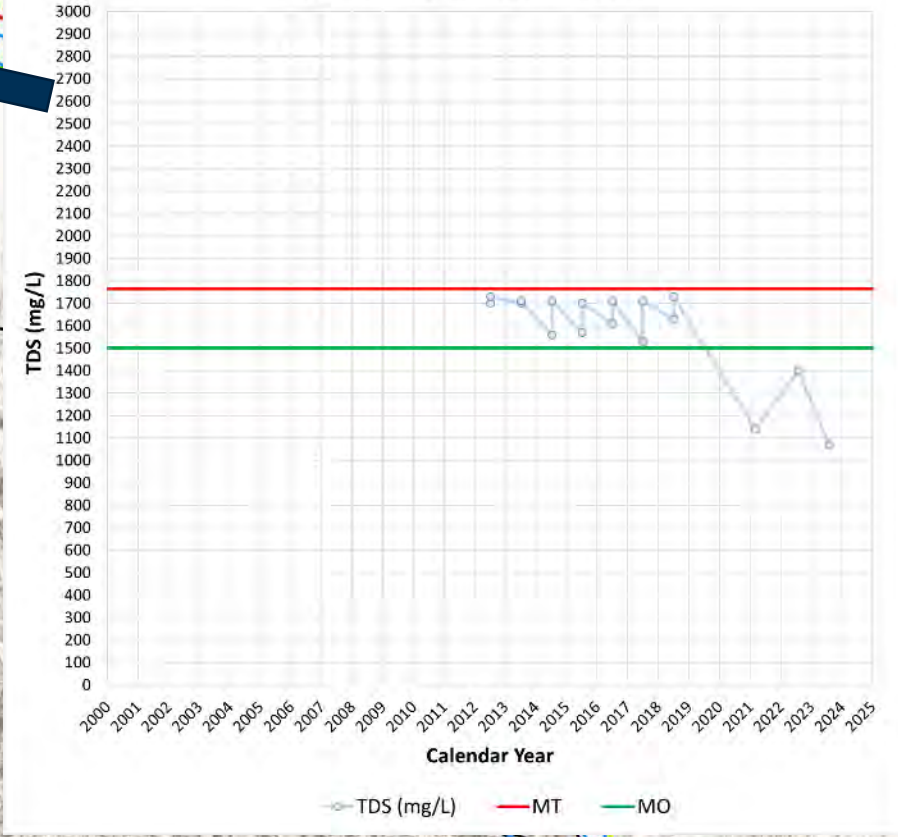


Groundwater Quality Time Series for Selected Wells

Well 74 Total Dissolved Solids



Well 467 Total Dissolved Solids





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

October 2023

801 T Street
Sacramento, CA
916.999.8700

woodardcurran.com

**Cuyama Valley
Groundwater
Sustainability Agency**

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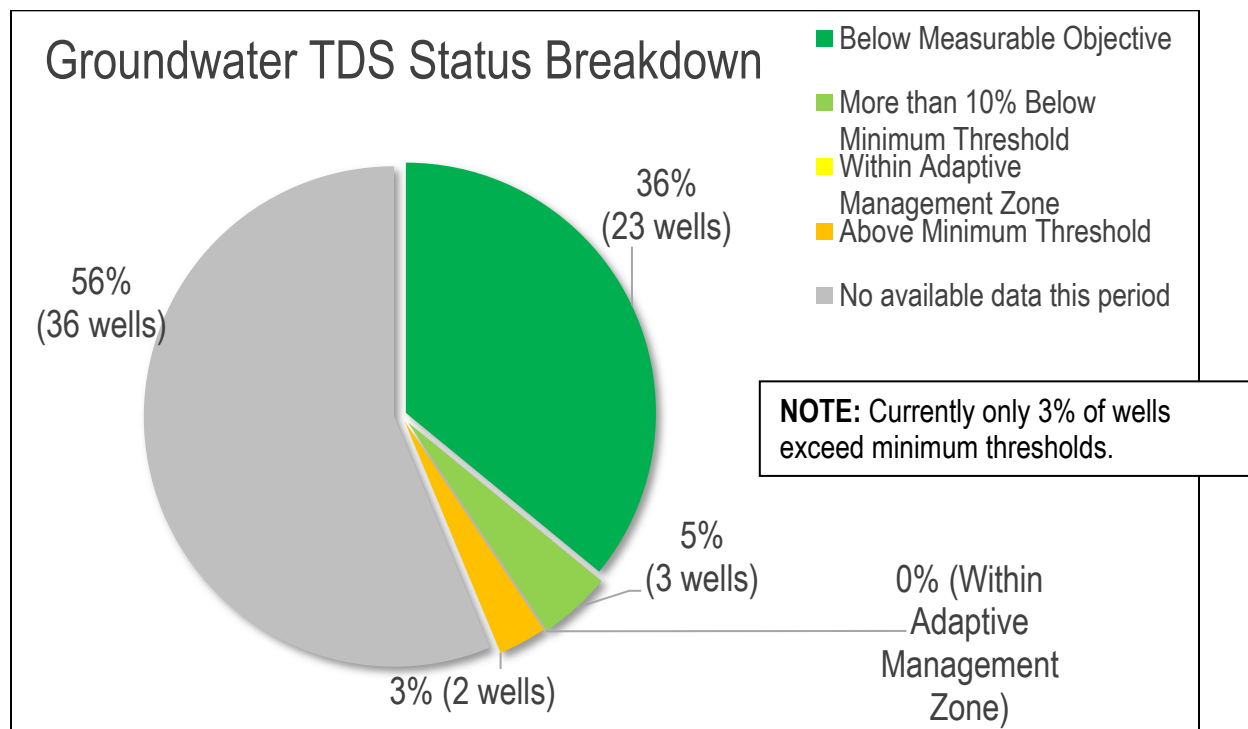
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1. INTRODUCTION

This report is intended to provide an update on the current groundwater quality as total dissolved solids (TDS) conditions in the Cuyama Valley Groundwater Basin. Groundwater quality measurements were taken during July and August of 2023. This work is completed by the Cuyama Basin Groundwater Sustainability Agency (CBGSA), in compliance with the Sustainable Groundwater Management Act.

2. SUMMARY STATISTICS



As outlined in the GSP, undesirable results for degraded water quality occurs, “when 30 percent of representative monitoring points... exceed the minimum threshold for a constituent for two consecutive years.” (Cuyama GSP, pg. 3-4). Nine wells (900, 901, 902, 903, 904, 905, 906, 907, and 908) were installed after the GSP was submitted in January 2020 and therefore do not have minimum thresholds or measurable objectives. Additionally, wells 62, 103 and 571 had transducers installed after January 2020 and also do not have minimum thresholds or measurable objectives. Finally, it has been clarified that measurements previously recorded as being taken at well 204 have actually been taken at well 205; the results shown below have been updated accordingly.

3. CURRENT CONDITIONS

Table 1 includes the most recent TDS measurements taken in the Cuyama Basin from representative wells included in the Cuyama GSP Groundwater Quality Monitoring Network, which were taken during July and August 2023. The eleven wells discussed above are also included in Table 1. Per the plan described in the GSP, it is the intention of the GSA to take TDS measurements once per year. **Table 2** includes all of the representative wells and their current status in relation to the thresholds applied to each well. This information is also shown in **Figure 1**.

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

Table 1: Recent Total Dissolved Solids Measurements for Monitoring Network

Well	Region	Q1, 2021	Q3, 2022	Q3, 2023
		GWQ TDS, mg/L	GWQ TDS, mg/L	GWQ TDS, mg/L
61	Southeastern	-	-	-
72	Central	560	980	900
73	Central	-	-	-
74	Central	1260	1700	1310
76	Central	1270	-	-
77	Central	1070	1120	1120
79	Central	1790	-	-
81	Central	-	-	-
83	Eastern	1120	1400	1120
85	Eastern	-	-	-
86	Eastern	-	-	-
87	Badlands	-	-	-
88	Badlands	330	300	320
90	Central	-	1400	-
91	Central	1030	-	1020
94	Central	960	-	1190
95	Central	1290	1700	1340
96	Central	1210	1500	1100
98	Central	-	-	-
99	Central	1010	1300	1140
101	Eastern	-	1400	1210
102	Central	900	2100	1610
130	Southeastern	-	-	-
131	Eastern	-	-	-
157	Southeastern	1360	-	-
196	Eastern	-	-	-
204	Badlands	-	-	-
226	Eastern	-	-	-
227	Eastern	-	-	-
242	Eastern	830	1100	780
269	Eastern	-	-	-
309	Central	-	-	-
316	Central	1050	1050	1060
317	Central	690	990	-
318	Central	-	-	-

Well	Region	Q1, 2021	Q3, 2022	Q3, 2023
		GWQ TDS, mg/L	GWQ TDS, mg/L	GWQ TDS, mg/L
322	Central	1120	1500	1140
324	Central	490	850	740
325	Central	750	1400	1070
400	Central	1350	-	-
420	Central	1080	1080	1080
421	Central	800	1290	1280
422	Central	-	-	-
424	Central	-	1600	1260
467	Central	1140	1400	1070
568	Central	870	920	860
702	Southeastern	-	-	-
703	Northwestern	-	-	-
710	Eastern	-	-	-
711	Central	-	-	-
712	Central	-	-	-
713	Central	-	-	-
721	Central	-	-	-
758	Badlands	-	-	-
840	Northwestern	-	-	-
841	Northwestern	-	-	-
842	Northwestern	-	-	-
843	Northwestern	-	-	-
844	Northwestern	-	-	-
845	Northwestern	-	-	-
846	Northwestern	-	-	-
847	Northwestern	-	-	-
848	Northwestern	-	-	-
849	Northwestern	-	-	-
850	Northwestern	-	-	-
Additional Non-Representative Wells				
62	Eastern	890	980	780
103	Central	520	820	860
205	Badlands	360	340	380
571	Western	310	300	290
900	Central	-	6200	-
901	Central	-	6700	-
902	Central	-	9200	-

Well	Region	Q1, 2021	Q3, 2022	Q3, 2023
		GWQ TDS, mg/L	GWQ TDS, mg/L	GWQ TDS, mg/L
903	Eastern	-	1500	1080
904	Eastern	-	1500	1120
905	Eastern	-	1400	1100
906	Central	-	-	-
907	Central	-	1600	1260
908	Central	-	2400	1770

Table 2: Well Status Related to TDS Thresholds

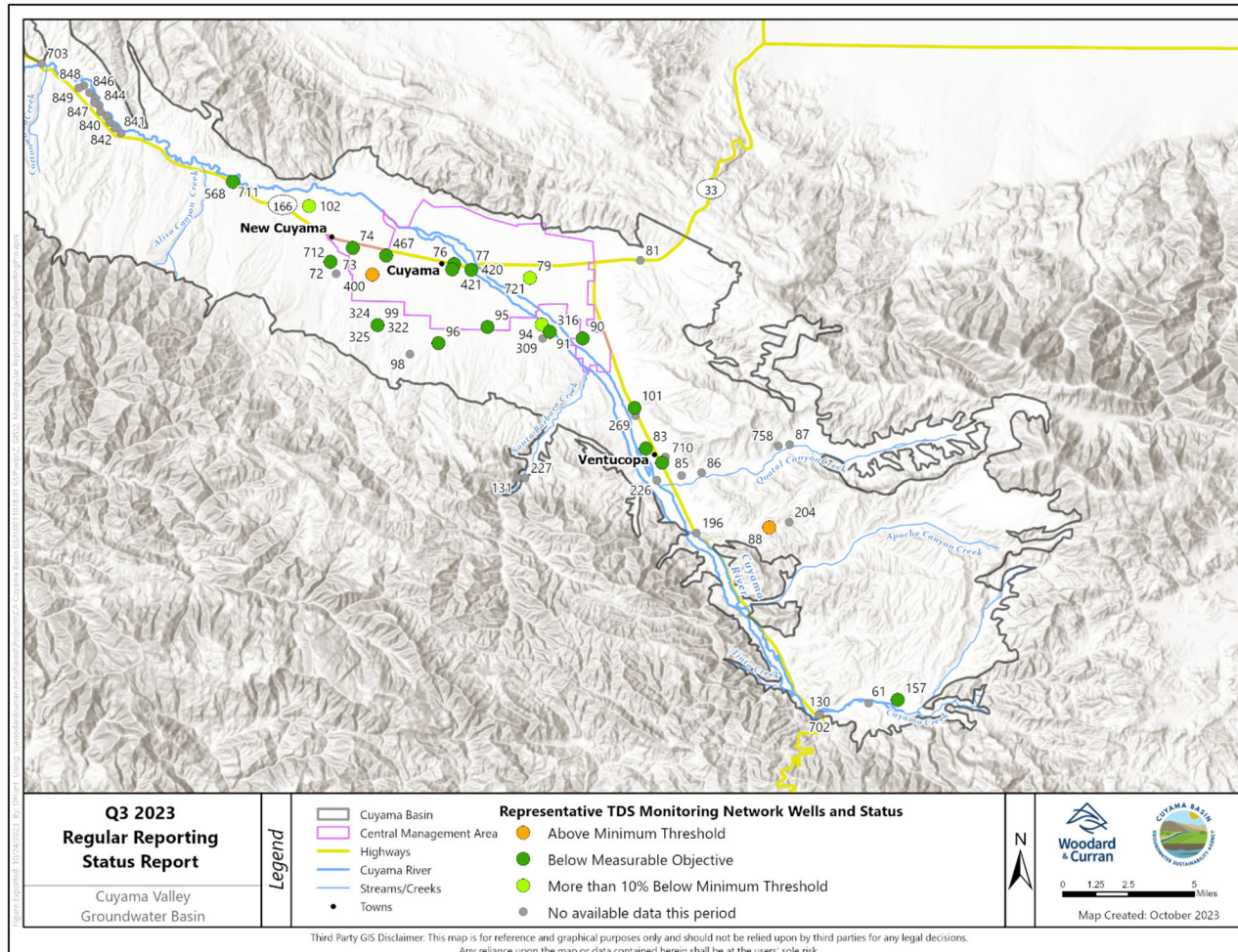
Well	Region	Current Measurement Period		Minimum Threshold	Within 10% Minimum Threshold	Measurable Objective	Status	GSA Action Required?
		TDS mg/L	Date					
61	Southeastern	-	-	615	612	585	No available data this period	No
72	Central	900	8/23/2023	1023	1020	996	Below Measurable Objective	No
73	Central	-	-	856	851	805	No available data this period	No
74	Central	1310	8/23/2023	1833	1800	1500	Below Measurable Objective	No
76	Central	-	-	2307	2226	1500	No available data this period (below MO in 2021)	No
77	Central	1120	7/24/2023	1592	1583	1500	Below Measurable Objective	No
79	Central	-	-	2320	2238	1500	No available data this period (More than 10% below MT in 2021)	No
81	Central	-	-	2788	2659	1500	No available data this period	No
83	Eastern	1120	8/23/2023	1726	1703	1500	Below Measurable Objective	No
85	Eastern	-	-	1391	1314	618	No available data this period	No
86	Eastern	-	-	975	974	969	No available data this period	No
87	Badlands	-	-	1165	1157	1090	No available data this period	No
88	Badlands	320	8/23/2023	302	302	302	Above Minimum Threshold	No
90	Central	-	-	1593	1584	1500	No available data this period (below MO In 2022)	No
91	Central	1020	7/25/2023	1487	1479	1410	Below Measurable Objective	No
94	Central	1190	8/23/2023	1245	1226	1050	More than 10% Below Minimum Threshold	No
95	Central	1340	8/23/2023	1866	1829	1500	Below Measurable Objective	No

Well	Region	Current Measurement Period		Minimum Threshold	Within 10% Minimum Threshold	Measurable Objective	Status	GSA Action Required?
		TDS mg/L	Date					
96	Central	1100	8/23/2023	1632	1619	1500	Below Measurable Objective	No
98	Central	-	-	2400	2310	1500	No available data this period	No
99	Central	1140	8/24/2023	1562	1555	1490	Below Measurable Objective	No
101	Eastern	1210	8/23/2023	1693	1674	1500	Below Measurable Objective	No
102	Central	1610	8/23/2023	2351	2266	1500	More than 10% Below Minimum Threshold	No
130	Southeastern	-	-	1855	1820	1500	No available data this period	No
131	Eastern	-	-	1982	1934	1500	No available data this period	No
157	Southeastern	-	-	2360	2274	1500	No available data this period (below MO In 2021)	No
196	Eastern	-	-	904	898	851	No available data this period	No
204	Badlands	-	-	269	267	253	No available data this period	No
226	Eastern	-	-	1844	1810	1500	No available data this period	No
227	Eastern	-	-	2230	2157	1500	No available data this period	No
242	Eastern	780	8/23/2023	1518	1513	1470	Below Measurable Objective	No
269	Eastern	-	-	1702	1682	1500	No available data this period	No
309	Central	-	-	1509	1499	1410	No available data this period	No
316	Central	1060	7/25/2023	1468	1459	1380	Below Measurable Objective	No
317	Central	-	-	1337	1329	1260	No available data this period (below MO In 2022)	No
318	Central	-	-	1152	1145	1080	No available data this period	No
322	Central	1140	8/24/2023	1386	1382	1350	Below Measurable Objective	No
324	Central	740	8/24/2023	777	774	746	Below Measurable Objective	No

Well	Region	Current Measurement Period		Minimum Threshold	Within 10% Minimum Threshold	Measurable Objective	Status	GSA Action Required?
		TDS mg/L	Date					
325	Central	1070	8/24/2023	1569	1559	1470	Below Measurable Objective	No
400	Central	-	-	976	970	918	No available data this period (above MT in 2021)	No
420	Central	1080	7/24/2023	1490	1484	1430	Below Measurable Objective	No
421	Central	1280	7/24/2023	1616	1604	1500	Below Measurable Objective	No
422	Central	-	-	1942	1898	1500	No available data this period	No
424	Central	1260	8/23/2023	1588	1579	1500	Below Measurable Objective	No
467	Central	1070	8/23/2023	1764	1738	1500	Below Measurable Objective	No
568	Central	860	8/23/2023	1191	1159	871	Below Measurable Objective	No
702	Southeastern	-	-	2074	1878	110	No available data this period	No
703	Northwestern	-	-	4097	3727	400	No available data this period	No
710	Eastern	-	-	1040	1040	1040	No available data this period	No
711	Central	-	-	928	928	928	No available data this period	No
712	Central	-	-	978	977	977	No available data this period	No
713	Central	-	-	1200	1200	1200	No available data this period	No
721	Central	-	-	2170	2103	1500	No available data this period	No
758	Badlands	-	-	954	949	900	No available data this period	No
840	Northwestern	-	-	559	559	559	No available data this period	No
841	Northwestern	-	-	561	561	561	No available data this period	No
842	Northwestern	-	-	547	547	547	No available data this period	No
843	Northwestern	-	-	569	569	569	No available data this period	No
844	Northwestern	-	-	481	481	481	No available data this period	No

Well	Region	Current Measurement Period		Minimum Threshold	Within 10% Minimum Threshold	Measurable Objective	Status	GSA Action Required?
		TDS mg/L	Date					
845	Northwestern	-	-	1250	1250	1250	No available data this period	No
846	Northwestern	-	-	918	918	918	No available data this period	No
847	Northwestern	-	-	480	480	480	No available data this period	No
848	Northwestern	-	-	674	674	674	No available data this period	No
849	Northwestern	-	-	1780	1752	1500	No available data this period	No
850	Northwestern	-	-	472	472	472	No available data this period	No

Figure 1: Groundwater Quality Representative Wells and Status



4. TOTAL DISSOLVED SOLIDS TIME SERIES FIGURES

The following figures provide an overview of TDS conditions in each of the six area threshold regions identified in the GSP.

Figure 2: Southeast Region – Well 157

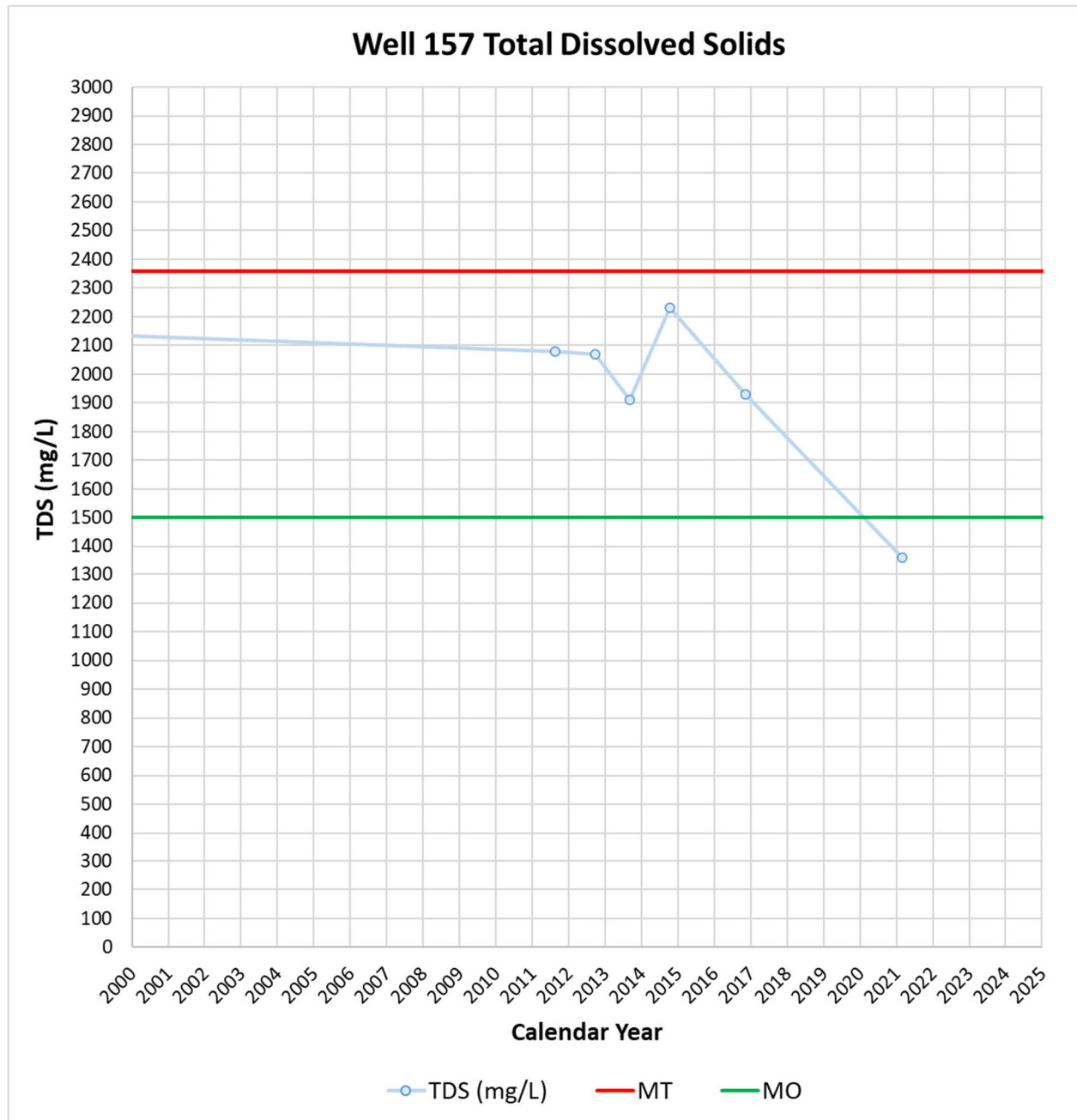


Figure 3: Eastern Region – Well 83

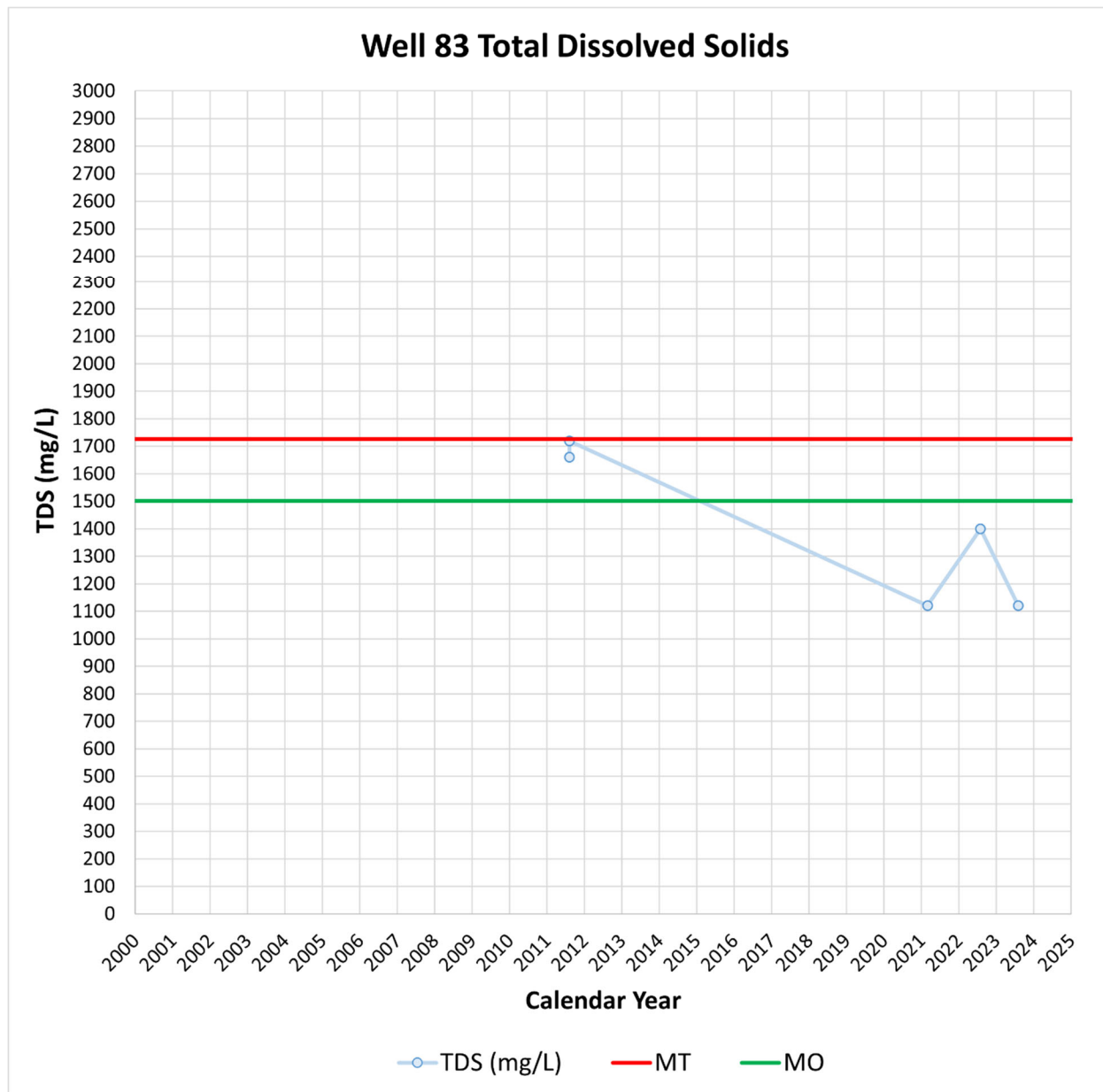


Figure 4: Central Region – Well 467

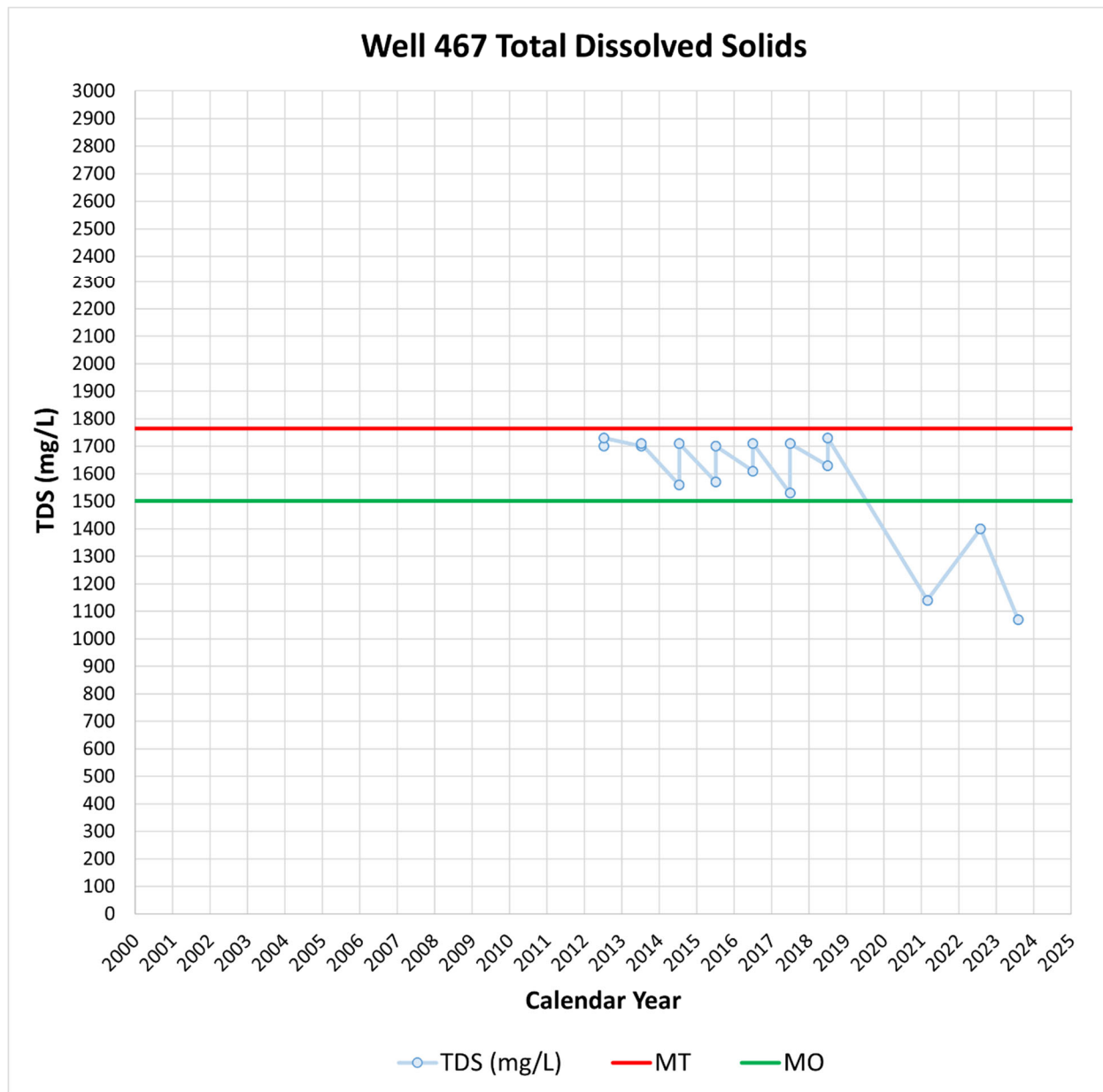


Figure 5: Central Region – Well 74

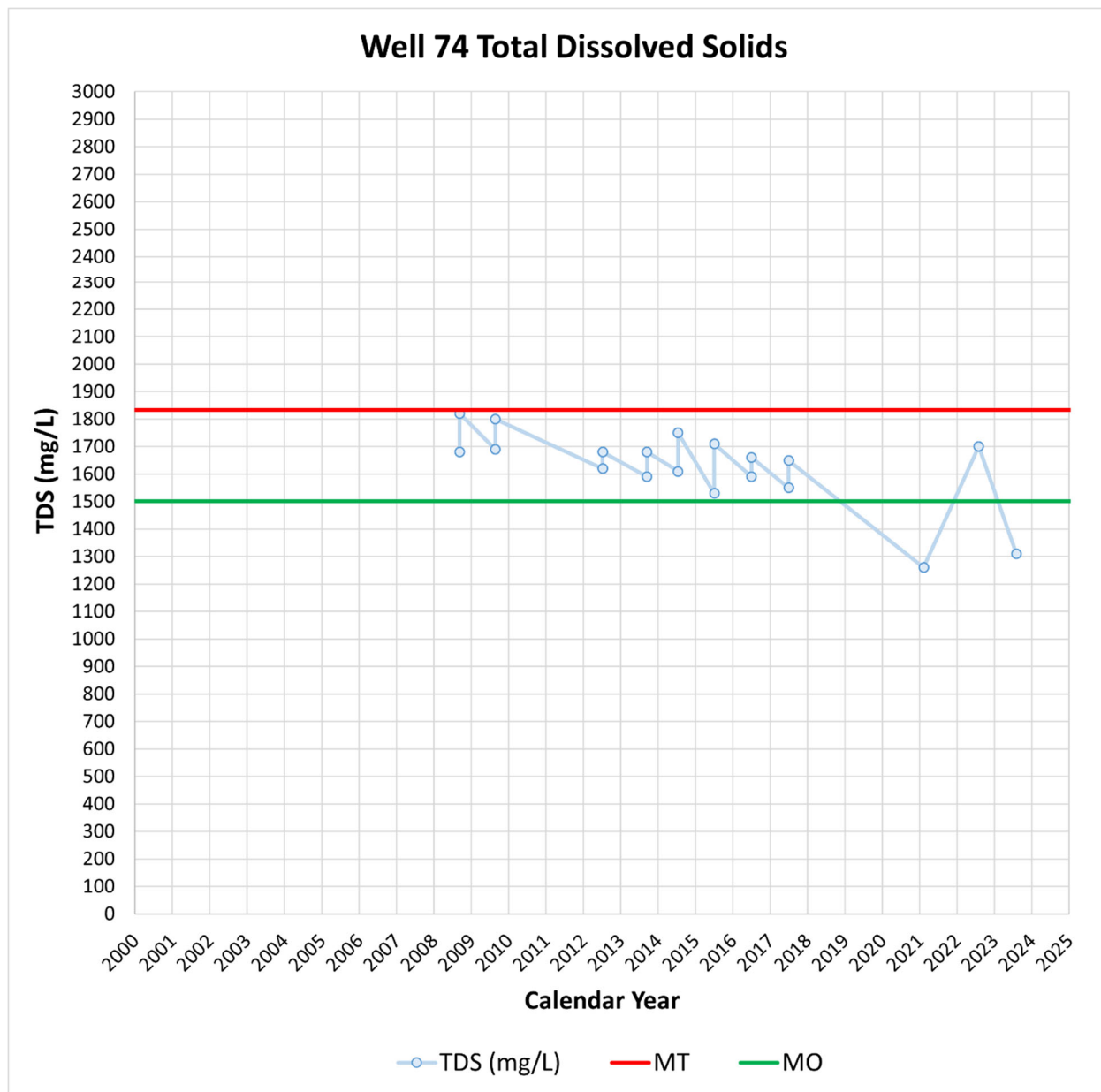
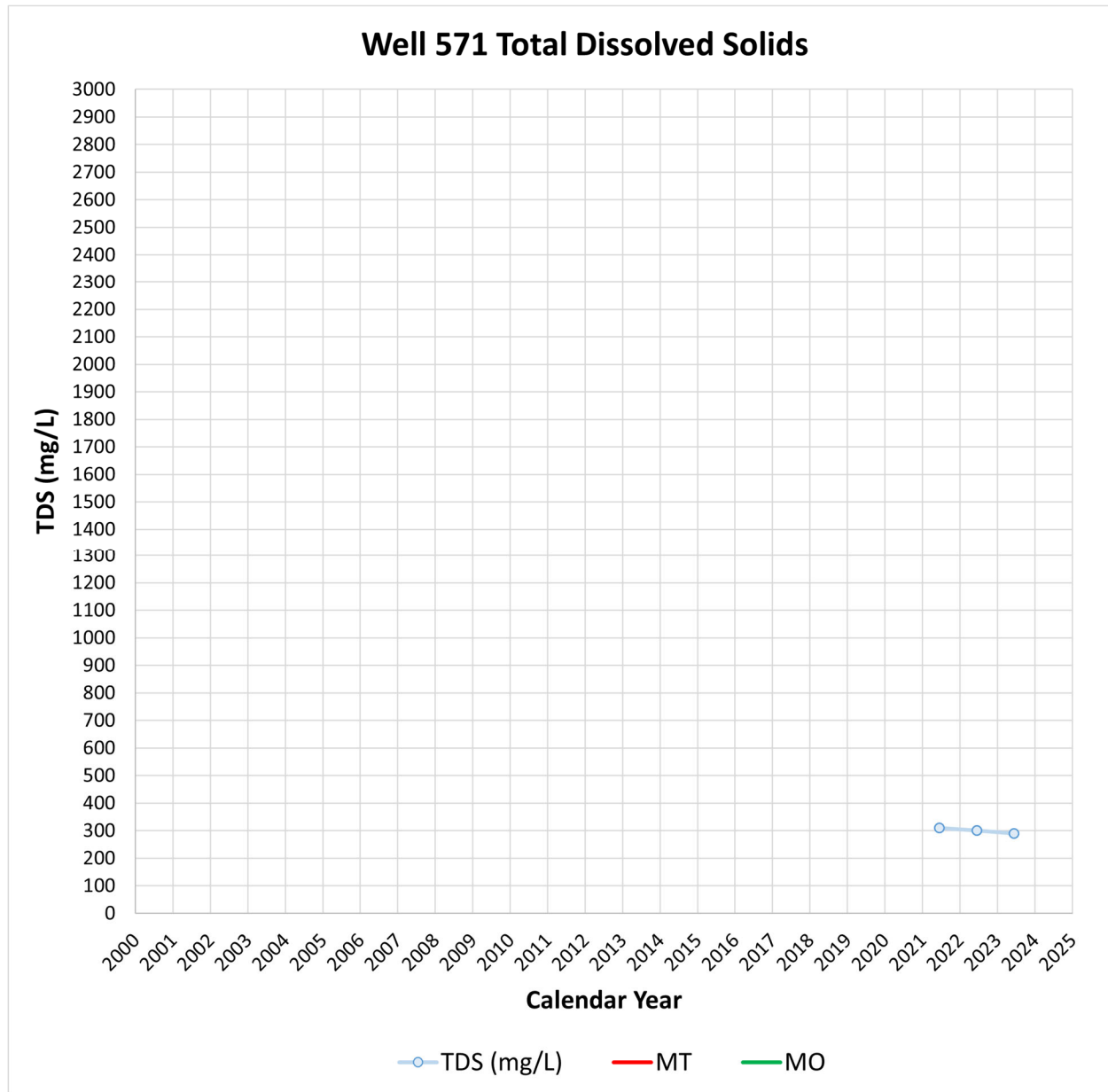


Figure 6: Western Region – Well 571



Sustainability criteria were not established for this well.

Figure 7: Northwestern Region – Well TBD

No data from this Threshold Region at this time.

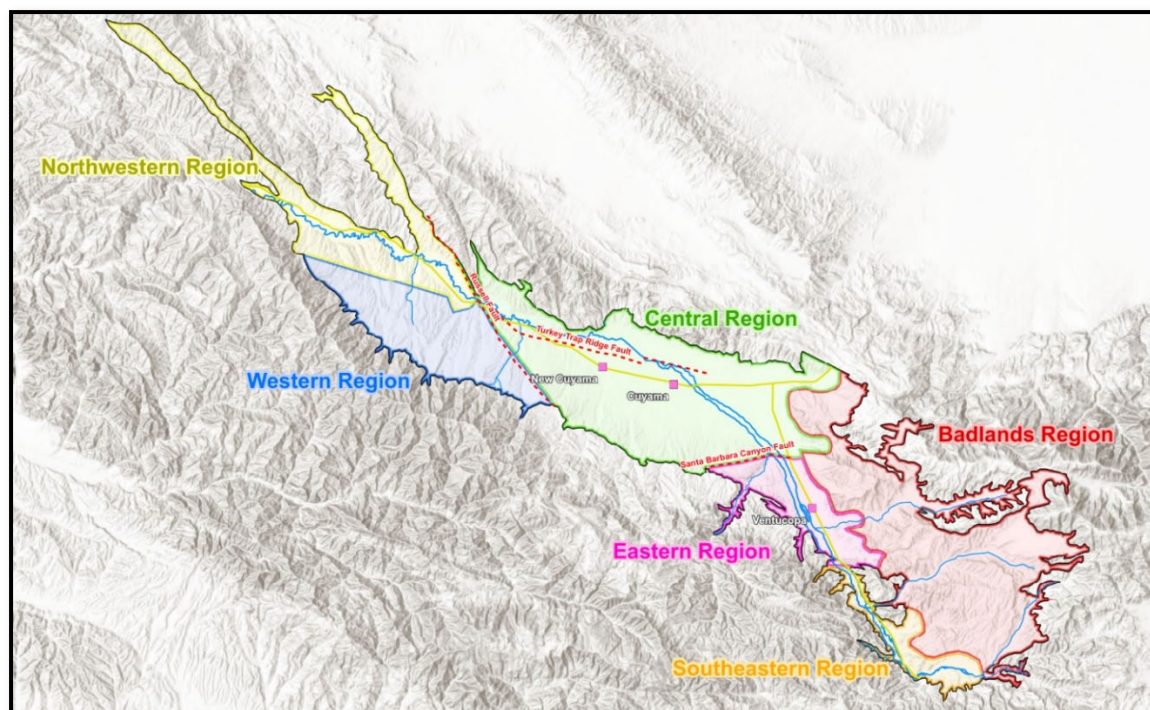


Figure 8: Threshold Regions in the Cuyama Groundwater Basin

5. MONITORING NETWORK UPDATES

As shown in the Summary Statistics Section, there are 45 wells without current measurements. These “no measurement codes” can have different causes as described below.

- Access agreements have not yet been established with the landowner, access has not been granted yet, or no access at the time of measurement:
 - Wells 61, 73, 79, 81, 85, 86, 87, 90, 98, 130, 131, 157, 196, 204, 226, 227, 269, 309, 702, 703, 710, 711, 712, 713, 721, 758, 840, 842, 843, 844, 846, 847, 848, 849, 850
- The well was out of service:
 - Wells 76, 400
- Weather-induced issues prevented access to the wellsite:
 - Wells 900, 901, 902
- Transducer data was not currently available:
 - Wells 317, 841, 845
- The well has gone dry:
 - Well 318, 422, 906



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TO: Standing Advisory Committee
Agenda Item No. 8c

FROM: Jim Beck, Executive Director

DATE: October 26, 2023

SUBJECT: Board of Directors Agenda Review

Recommended Motion

None – informational only.

Discussion

The Cuyama Basin Groundwater Sustainability Agency Board of Directors agenda for the November 1, 2023, Board of Directors meeting is provided as Attachment 1.



CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY

BOARD OF DIRECTORS MEETING

Board of Directors

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

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

AGENDA

November 1, 2023

Agenda for a meeting of the Cuyama Basin Groundwater Sustainability Agency Board of Directors to be held on Wednesday, November 1, 2023, at 2:00 PM at the **Cuyama Valley Family Resource Center 4689 CA-166, New Cuyama, CA 93254**. Participate via computer at: <https://rb.gy/1nxwv> or by going to Microsoft Teams, downloading the free application, then entering Meeting ID: 224 192 969 900 Passcode: jVHbgy or enter or telephonically at (469) 480-3918 Phone Conference ID: 956 062 525#.

Teleconference Locations:

4689 CA-166, New Cuyama, CA 93254	1055 Monterey Street, San Luis Obispo, CA 93408
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The order in which agenda items are discussed may be changed to accommodate scheduling or other needs of the Board or Committee, the public, or meeting participants. Members of the public are encouraged to arrive at the commencement of the meeting to ensure that they are present for discussion of all items in which they are interested.

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

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

CONSENT AGENDA

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

6. Approve Minutes – September 6, 2023
7. Approve Payment of Bills for August and September 2023
8. Approve Financial Report for August and September 2023

ACTION ITEMS

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

9. Review and Take Appropriate Action on SAC Membership Applications
10. Groundwater Sustainability Plan Amendment Components
 - a) Update on GSP Component Schedule
 - b) Overview of Public Workshop on October 12, 2023
 - c) Update on September 2023 GSP Component Discussion
 - d) Discuss and Take Appropriate Action on Groundwater Subsidence Monitoring Network [Final Discussion]
 - e) Discuss and Take Appropriate Action on Groundwater Interconnected Surface Water (ISW) Monitoring Network [Final Discussion]
 - f) Discuss and Take Appropriate Action on Groundwater Water Quality Monitoring Network [Final Discussion]
 - g) Discuss and Take Appropriate Action on Sustainable Management Criteria and Undesirable Results Criteria for Groundwater Subsidence [Initial Discussion]
 - h) Discuss and Take Appropriate Action on Sustainable Management Criteria and Undesirable Results Criteria for Groundwater Interconnected Surface Water (ISW) [Initial Discussion]
 - i) Discuss and Take Appropriate Action on Sustainable Management Criteria and Undesirable Results Criteria for Groundwater Water Quality [Initial Discussion]
 - j) Discuss and Take Appropriate Action on Glidepath Methodology [Initial Discussion]
 - k) Approval of 2024 Meeting Calendar

REPORT ITEMS

11. Administrative Updates
 - a) Report of the Executive Director
 - b) Report of the General Counsel
12. Technical Updates
 - a) Update on Groundwater Sustainability Plan Activities
 - b) Update on Grant-Funded Projects
 - c) Update on 2023 Groundwater Quality Conditions Report
13. Report of Ad Hoc Committees
14. Directors' Forum
15. Public Comment for Items Not on the Agenda
16. Correspondence

CLOSED SESSION

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