

**Notice and Agenda**  
**Regular Meeting of the  
Beaumont Basin Watermaster**  
**Wednesday, December 3, 2025 at 11:00 a.m.**

Meeting Location:  
Beaumont-Cherry Valley Water District  
560 Magnolia Avenue • Beaumont, California 92223

*This meeting is hereby noticed pursuant to  
California Government Code Section 54950 et. seq.*

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Members of the Watermaster Committee:  
City of Banning                      Beaumont-Cherry Valley Water District  
City of Beaumont                      South Mesa Water Company  
Yucaipa Valley Water District

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*Remote attendance options are provided primarily as a matter of convenience to the public. Unless a Watermaster Committee member is attending remotely pursuant to provisions of GC 54953 et. seq., the public, in-person meeting will not stop or be otherwise suspended should a technological interruption occur with respect to the Zoom teleconference or call-in line listed on the agenda. Members of the public are encouraged to attend BBWM meetings in person at the above address, or remotely using the options listed.*

**Online Meeting Participation Link:**

<https://us02web.zoom.us/j/81638720446?pwd=UnNZcC9TbGZzTGFuMHdhVkRMblczQT09>

**Telephone: (669) 900-9128 / Meeting ID: 816-3872-0446 / Passcode:  
636756**

**One-Tap Mobile: +16699009128,,81638720446#,,,,\*636756#**

*For Public Comment, use the "**Raise Hand**" feature if on the video call when prompted,  
if dialing in, please **dial \*9 to "Raise Hand"** when prompted*

*Meeting materials are available on the Watermaster website:  
**<https://beaumontbasinwatermaster.org/>***

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# BEAUMONT BASIN WATERMASTER COMMITTEE – DECEMBER 3, 2025

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## I. Call to Order

## II. Roll Call

Committee Member Agency	Primary Representative	Alternate
City of Banning	Arturo Vela, Chair	Nathan Smith
City of Beaumont	Robert Vestal	Dustin Christensen
Beaumont-Cherry Valley Water District	Daniel Jagers	Mark Swanson
South Mesa Water Company	Dave Armstrong	Brittany Lim
Yucaipa Valley Water District	Joseph Zoba	Jennifer Ares

## III. Pledge of Allegiance

- IV. Public Comments** At this time, members of the public may address the Beaumont Basin Watermaster on matters within its jurisdiction; however, no action or discussion may take place on any item not on the agenda. To provide comments on specific agenda items, please complete a Request to Speak form and provide that form to the Secretary prior to the commencement of the meeting, or, RAISE HAND electronically or Press \*9 when prompted for public comment.

## ACTION ITEMS

*Action may be taken on any item on the agenda.*

## V. Consent Calendar

*All matters listed under the Consent Calendar are considered by the Committee to be routine and may be approved in one motion.*

### A. Meeting Minutes

- i. October 1, 2025 Regular Meeting [Page 6]

### B. Status Report on Water Level Monitoring throughout the Beaumont Basin through November 12, 2025 [Page 14]

### C. Comparison of Production Rights versus Production through October 2025 [Page 26]

### D. Receive and File Proposed Order for Substitution of City of Banning’s Alternate Watermaster Representative (Shah Nawaz) [Page 27]

## VI. Reports

- A. Report from Engineering Consultant - Hannibal Blandon, ALDA Engineering
- B. Report from Hydrogeological Consultant - Thomas Harder, Thomas Harder & Co.
- C. Report from Administrative Consultant – Dudek
- D. Report from Legal Counsel - Thierry Montoya/Keith McCullough, Frost, Brown, Todd

**VII. Discussion and Possible Action Items**

- A. Update on Analysis of Losses in the Beaumont Basin - Thomas Harder & Co. [Memorandum No. 25-31, Page 35]
- B. Update on Proposed Revisions to the BBWM Rules and Regulations [Memorandum No. 25-32, Page 44]
- C. Reformation of Ad Hoc Committee to develop procurement policy [Memorandum No. 25-33, Page 61]
- D. Modification of frequency of Beaumont Watermaster Committee meetings from bimonthly to quarterly [Memorandum No. 25-34, Page 62]
- E. Consideration of an Agreement to Retain Dudek to Provide Administrative and Technical Support Services in Calendar Year 2026 [Memorandum No. 25-35, Page 63]
- F. Consideration of an Agreement to Retain Thomas Harder & Company to Provide Hydrogeological and Engineering Services and Preparation of the 2025 Annual Report (Task Order No. 11) [Memorandum No. 25-36, Page 69]
- G. Consideration of proposed Thomas Harder & Company/Alda Engineering Task Order No. 12 for Groundwater Level Monitoring Services in 2026 [Memorandum No. 25-37, Page 76]

**VIII. Topics for Future Meetings**

	Item	Date Listed
A	Development of a Recycled Water Policy including Incidental Discharge	3/27/2019
B	Monitoring of future west side well sites and methodologies, and potential collaboration with USGS	10/5/2022
C	Discussion on what to do when an Appropriator goes negative	10/4/2023 and 11/1/2023
D	Discussion on Policy to Document and Account for Emergency Potable Water Transfers from Appropriator to Overlying Party (Tabled from 4/17/24 meeting)	4/17/2024
E	Procurement Policy including thresholds for RFP process	8/17/2021
F	Presentation on YVWD Aquifer Storage and Recovery (ASR) project (discussed 10/1/2025 / requested for 12/3/25 / to be presented February 2026)	6/11/2025
G	Legal Counsel update / opinion on the YVWD Aquifer Storage and Recovery (ASR) project (requested for 12/3/25)	10/1/2025

**IX. Comments from the Watermaster Committee Members**

**X. Announcements**

*Per BBWM Rules and Regulations, the Committee meets on the first Wednesday of even-numbered months*

**2026 Meeting Dates:**

Wednesday, February 4 at 11 a.m.	Regular Meeting
Wednesday, April 1 at 11 a.m.	Regular Meeting
Wednesday, June 3 at 11 a.m.	Regular Meeting
Wednesday, August 5 at 11 a.m.	Regular Meeting
Wednesday, October 7 at 11 a.m.	Regular Meeting
Wednesday, December 2 at 11 a.m.	Regular Meeting

**XI. Adjournment**

**NOTICES**

**AVAILABILITY OF AGENDA MATERIALS** - Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the Beaumont Basin Watermaster Committee in connection with a matter subject to discussion or consideration at an open meeting of the Committee are available for public inspection in the Office of the Watermaster Secretary, at 560 Magnolia Avenue, Beaumont, California ("Office") during business hours, Monday through Thursday from 7:30 a.m. to 5 p.m. If such writings are distributed to members of the Committee less than 72 hours prior to the meeting, they will be available from the Office at the same time or within 24 hours' time as they are distributed to Board Members, except that if such writings are distributed one hour prior to, or during the meeting, they can be made available in the Board Room at the District Office. Materials may also be available on the Watermaster website: <https://beaumontbasinwatermaster.org/>.

**REVISIONS TO THE AGENDA** - In accordance with §54954.2(a) of the Government Code (Brown Act), revisions to this Agenda may be made up to 72 hours before the Board Meeting, if necessary, after mailings are completed. Interested persons wishing to receive a copy of the set Agenda may pick one up at the Office, located at 560 Magnolia Avenue, Beaumont, California, or download from the website up to 72 hours prior to the Meeting.

**REQUIREMENTS RE: DISABLED ACCESS** - In accordance with §54954.2(a), requests for a disability related modification or accommodation, including auxiliary aids or services, in order to attend or participate in a meeting, should be made to the Office, at least 48 hours in advance of the meeting to ensure availability of the requested service or accommodation. The Office may be contacted by telephone at (951) 845-9581, email at [info@bcvwd.gov](mailto:info@bcvwd.gov) or in writing to the Beaumont Basin Watermaster Committee, c/o Beaumont-Cherry Valley Water District, 560 Magnolia Avenue, Beaumont, California 92223.

**CERTIFICATION OF POSTING:** A copy of the foregoing notice was posted near the regular meeting place of the Beaumont Basin Watermaster Committee and to its website at least 72 hours in advance of the meeting (Government Code §54954.2(a)).

# **Consent Calendar**

**Record of the Minutes of the  
Beaumont Basin Committee Meeting of the  
Beaumont Basin Watermaster  
Regular Meeting  
Wednesday, October 1, 2025**

**Meeting Location:**

Beaumont-Cherry Valley Water District  
560 Magnolia Ave., Beaumont, CA 92223

**I. Call to Order**

*Chair Art Vela called the meeting to order at 11:04 a.m.*

**II. Roll Call**

<i>City of Banning</i>	<i>Art Vela</i>	<i>Present</i>
<i>City of Beaumont</i>	<i>Dustin Christensen</i>	<i>Present</i>
<i>Beaumont-Cherry Valley Water District</i>	<i>Dan Jagers</i>	<i>Present</i>
<i>South Mesa Water Company</i>	<i>David Armstrong</i>	<i>Present</i>
<i>Yucaipa Valley Water District</i>	<i>Jennifer Ares</i>	<i>Present</i>

*Hannibal Blandon was present as engineer for the Beaumont Basin Watermaster (BBWM).*

*Thomas Harder was present as hydrogeologist for BBWM.*

*Thierry Montoya was present as BBWM legal counsel.*

*Steve Stuart was present as Administrator of the BBWM.*

*Members of the public who registered and / or attended:*

Thaxton Van Belle, City of Beaumont  
 Shah Nawaz, City of Banning  
 Erin Anton, Yucaipa Valley Water District  
 Mike Kostelecky, Yucaipa Valley Water District  
 Allison Edmisten, Yucaipa Valley Water District  
 Brett Granlund, Yucaipa Valley Water District  
 Brittney Lim, South Mesa Water Company  
 Lance Eckhart, San Geronio Pass Water Agency  
 Kevin Walton, San Geronio Pass Water Agency  
 Sarah Wargo, San Geronio Pass Water Agency  
 John Covington, Morongo Band of Mission Indians  
 Lauren Healey, Thomas Harder & Co.  
 Mark Swanson, Beaumont-Cherry Valley Water District  
 James Bean, Beaumont-Cherry Valley Water District  
 Cenica Smith, Beaumont-Cherry Valley Water District  
 Lynda Kerney, Beaumont-Cherry Valley Water District  
 Robert Rasha, Beaumont-Cherry Valley Water District  
 Stetson Engineering  
 D. Lee

**III. Pledge of Allegiance**

**IV. Public Comments:** None.

**V. Consent Calendar**

A. Meeting Minutes

i. August 6, 2025 Special Meeting

B. Status Report on Water Level Monitoring throughout the Beaumont Basin through September 15, 2025

C. A Comparison of Production Rights versus Production through August 2025

D. Beaumont Basin Watermaster Committee 2026 Meeting Schedule

*It was moved by Member Armstrong and seconded by Member Jagers to approve the Consent Calendar items:*

AYES:	Armstrong, Ares, Christensen, Jagers, Vela
NOES:	None
ABSTAIN:	None
ABSENT:	None
STATUS:	Motion Approved 5-0

**VI. Reports**

A. Report from Engineering Consultant – Hannibal Blandon, ALDA Engineering

*Mr. Blandon reported that September 30 was the end of the 2024-25 water year. Data is being collected to present to the Committee in February a draft of the required letter to the State with the conditions of the Basin.*

B. Report from Hydrogeological Consultant – Thomas Harder, Thomas Harder & Co. (THC) – No report

C. Report from Administrative Consultant – Steve Stuart, Dudek – No report

D. Report from Legal Counsel – Thierry Montoya – Frost, Brown, Todd – *Mr. Montoya reminded that he was asked by Chair Vela to look at the issue of whether injection wells installed in the Basin raise a Watermaster oversight issue. With no information on particular wells or specific water quality issues, Mr. Montoya generally examined the amended judgement and identified provisions that could impose BBWM oversight in a general sense. More information would be needed on wells and water quality.*

## **VII. Discussion and Possible Action Items**

*Chair Vela called Item D out of order.*

- D. Discussion of Beaumont Basin Watermaster Responsibilities, Powers, and Duties regarding Basin Oversight related to proposed recycled water recharge projects and Yucaipa Valley Water District and the City of Beaumont

Recommendation: None. Information / discussion only

*Member Jagers explained that he placed the item on the agenda due to increasing activity by the Yucaipa Valley Water District (YVWD) and the City of Beaumont related to proposed recharge and Aquifer Storage and Recovery (ASR) wells. He stated that the Beaumont-Cherry Valley Water District (BCVWD) overlies most of the basin and that advancing projects in the basin warranted a presentation to the Watermaster. Jagers noted that YVWD had been asked to provide a discussion of its ASR wells but had not yet done so. He described reviewing recent YVWD staff reports and CEQA materials and expressed concern that recent project actions appeared to differ from what was described in earlier CEQA documents.*

*Jagers summarized his understanding of YVWD's recent board actions, stating that wells released for construction in 2024 and 2025 appeared to exceed the scope of the original Phase One CEQA plan, which anticipated one test injection well and one monitoring well. He observed that three injection wells were constructed, and additional extraction wells were being pursued. Jagers stated his interest in receiving updated information explaining the changes and allowing others an opportunity to comment. He also referenced elements from YVWD's August board agenda, including actions related to the "Calimesa Crystal Vault" and bond authorizations.*

*Jagers emphasized the BBWM responsibility to provide basin management. He stated that advanced treated recycled water projects represented significant financial investments and that basin health must be maintained for future generations. He described BCVWD's long history in the basin and noted interest in the City of Beaumont's recharge activities as well. All such activities should occur transparently and within public forums.*

*Jagers reviewed Watermaster responsibilities including basin administration, approval of producer activities, water quality and supply management, well policy, replenishment, monitoring, and groundwater storage agreements. He identified storage agreements as a central concern and stated that BCVWD and the City of Beaumont have storage agreements with recharge provisions, whereas YVWD's agreement does not have the recharge box checked. Jagers stated that, based on his reading of the judgment and Rules and Regulations, YVWD would need to apply for a modification to its storage agreement if it intends to conduct recharge.*

*Jaggers expressed concern that construction and bidding activities were moving forward without prior Watermaster review or application submission. Allowing projects to proceed without Watermaster oversight could limit the Watermaster's ability to manage the basin. He also stated that overlies and nearby well owners, such as golf courses and existing water systems, may be affected and ought to have an opportunity to understand the potential impacts.*

*Jaggers further noted that BCVWD had notified the Watermaster in October 2023 regarding its own work on two wells, citing that transparency is essential for all agencies. He reiterated that CEQA documentation for YVWD's project appeared to rely on categorical exemptions that may not reflect current project activities. He asserted that these issues warranted open discussion and early involvement by the Watermaster.*

*In closing, Jaggers stated that he was not opposed to recharge or ASR projects but wanted to ensure that basin health, regulatory compliance, and fair treatment of all basin parties, including overlies, were maintained. He emphasized constructive input, early coordination, and a clear understanding of proposed activities before major investments are finalized.*

*Member Armstrong stated that he shared Jaggers' concerns and noted that, as a well owner, he could be directly affected. He described contacting the State Water Resources Control Board regarding YVWD's project and receiving conflicting information about whether recycled water or potable water would be injected. Armstrong agreed that the Watermaster had a responsibility to seek information and ensure no adverse impacts occur.*

*Committee members, including Chair Vela, emphasized that Watermaster responsibilities include receiving applications for recharge of supplemental water and that early information could help alleviate uncertainties. Vela stated that while a complete data set may not yet be available, an initial presentation from YVWD would still be beneficial to the Watermaster and the public.*

*Public comment: John Covington, representing the Morongo Band of Mission Indians, pointed out that overlies lack representation on the Watermaster Committee and have historically experienced a lack of transparency. He described past interactions with the Watermaster related to an overlie project and expressed concern that current recharge discussions again appeared to move forward without adequate inclusion of overlies.*

*Public comment: YVWD Board Member Brett Granlund responded that YVWD holds transparent board meetings and that its general manager takes direction from the YVWD Board rather than the Watermaster. He stated that YVWD would provide information and presentations once necessary data and finalized project details are available. Granlund remarked that no Watermaster Committee members had previously requested meetings with him directly.*

*Legal counsel Thierry Montoya advised that questions regarding CEQA compliance should be addressed carefully and urged YVWD to present information clarifying the project and resolving concerns. He also noted that allegations of CEQA deficiencies should be verified and addressed as needed.*

*Member Jennifer Ares stated that YVWD cannot yet provide the information being requested because testing and consultant data are still pending, and that a full report will be brought to the Watermaster once that information becomes available. She emphasized that the project is subject to required approvals and multiple checks and balances, and that YVWD maintains transparency through its public meetings.*

*Participants expressed a desire for future presentations and discussions to ensure basin oversight responsibilities are met and that all basin stakeholders have adequate information about potential recharge activities.*

Member Jagers moved that the Watermaster Committee formally request the Yucaipa Valley Water District:

- Submit an application for groundwater recharge, utilizing the recycled water in accordance with Beaumont Basin Watermaster rules and regulations section five: Recharge as they stand now
- Provide a presentation on the subject project at the next regularly scheduled meeting or a special meeting

Member Armstrong seconded.

*Member Ares pointed out that the recommendation on the item is for discussion only and posited that there can be no motion. Legal Counsel Montoya concurred. Jagers informally requested this item be brought back in 30 days.*

*No action was taken. A legal update was requested for the next meeting and was placed on the Topics for Future Meetings list.*

- A. Update on Analysis of Losses in the Beaumont Basin - Thomas Harder & Co.

Recommendation: None. Information / discussion only

*Consultant Tom Harder of Thomas Harder & Company (TH&Co) provided an update on the ongoing analyses. He stated the technical memorandum is complete except for the policies, which warrant review by Engineer Blandon and Administrator Stuart. He said it is expected the draft policy will be presented at the December meeting.*

- B. Update on Proposed Revisions to the BBWM Rules and Regulations

*BBWM Administrator Steve Stuart reminded the Committee about progress on the revisions. Rules, terminology, and forms needed updating, to bring those up to speed with everything that the Watermaster Committee has been talking*

*about and deliberating on for the last couple of years. Revisions were presented last year, and comments have been received from members except the City of Beaumont. Some comments were contradictory or in conflict, he noted. Once received, the comments will be compiled into a redline version for discussion. Member Christensen indicated he would follow up.*

C. Consideration to Retain Dudek to Evaluate and Develop Management Strategies for when Groundwater Storage Accounts are Negative

Recommendation: Enter into agreement with Dudek to evaluate and develop a policy to account for return flows in the Beaumont Basin for a sum of \$27,400 and send invoices to each Watermaster Committee member for 20% of the approved amount

*BBWM Administrator Steve Stuart reminded about discussion of this item at the previous meeting when the Committee was unable to take action. He described the proposal:*

- Revisit the methodology of calculating return flows back to the basin and expanding more on that.*
- Examine legal precedent for the appropriateness to take a claim to the return flows*
- Capture of water accounting for it in storage accounts*
- Further updating the information from the 2019 and 2022 Thomas Harder studies on return flows into the basin*
- Preparing a technical memorandum that lays out how to move forward*

*Stuart estimated the time frame for completion to be from six to nine months.*

*Member Jagers indicated support and pointed out this is to help understand the health of the Basin over time, taking into consideration the new Making Conservation a California Way of Life reductions.*

It was moved by Member Jagers and seconded by Member Vela to enter into agreement with Dudek to evaluate and develop a policy to account for return flows in the Beaumont Basin for a sum of \$27,400 and send invoices to each Watermaster Committee member for 20% of the approved amount.

AYES: Ares, Armstrong, Christensen, Jagers, Vela  
NOES: None  
ABSTAIN: None  
ABSENT: None  
STATUS: Motion Approved 5-0

D. *Item D was heard earlier in the meeting.*

**VIII. Topics for Future Meetings**

	Item	Date Listed
A	Development of a Recycled Water Policy including Incidental Discharge	3/27/2019
B	Monitoring of future west side well sites and methodologies, and potential collaboration with USGS	10/5/2022
C	Discussion on what to do when an Appropriator goes negative	10/4/2023 and 11/1/2023
D	Discussion on Policy to Document and Account for Emergency Potable Water Transfers from Appropriator to Overlying Party	Tabled 4/17/2024
E	Procurement Policy including thresholds for RFP process	8/17/2021
F	Presentation on YVWD Aquifer Storage and Recovery (ASR) project (discussed 10/1/2025 / requested for 12/3/25 / to be presented February 2026)	6/11/2025
G	Legal Counsel update / opinion on the YVWD Aquifer Storage and Recovery (ASR) project	10/1/2025

**IX. Comments from the Watermaster Committee Members:** None.

*Chair Vela said he would provide legal counsel with a request for the appointment of Shah Nawaz as the City of Banning’s alternate, replacing Nate Smith.*

**X. Announcements**

*A special meeting in November 2025 was considered but not calendared.*

**2025 Meeting Dates:**

Wednesday, December 3 at 11 a.m.                      Regular Meeting

**2026 Meeting Dates:**

Wednesday, February 4 at 11 a.m.                      Regular Meeting

Wednesday, April 1 at 11 a.m.                              Regular Meeting

Wednesday, June 3 at 11 a.m.                              Regular Meeting

Wednesday, August 5 at 11 a.m.                           Regular Meeting

Wednesday, October 7 at 11 a.m.                         Regular Meeting

Wednesday, December 2 at 11 a.m.                      Regular Meeting

**XI. Adjournment**

*Chair Vela adjourned the meeting at 12:07 p.m.*

Attest:

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Daniel Jagers, Secretary  
Beaumont Basin Watermaster

DRAFT

## BEAUMONT BASIN WATERMASTER

**Date:** December 3<sup>rd</sup>, 2025

**From:** Hannibal Blandon, ALDA Inc.

**Subject:** Status Report on Water Level Monitoring throughout the Beaumont Basin through Nov 12, 2025

**Recommendation:** No recommendation.

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At the present time, there are 15 monitoring wells equipped with pressure transducers collecting water level information on an hourly basis at various locations throughout the basin. In addition, two of these monitoring wells are equipped with additional probes to collect barometric pressures at opposite ends of the Basin. The location of active monitoring wells is depicted in Figure No. 1 attached. The location of three potential monitoring wells currently being considered are identified in red in this figure. Ground elevations at all sites were obtained from Google Earth, which has varied over time at selected sites and could continue to vary in the future. The Watermaster Committee is in the process of surveying all production and monitoring wells using a common datum.

Water levels at selected locations are depicted in Figures 2 through 7 and are described as follows:

- ✓ Figure No. 2 – Water levels at YVWD Well No. 34 and Oak Valley Well No. 5 are considered representative of basin conditions in the Northwest portion of the basin. From the summer of 2015 through the spring of 2019, water levels at these two wells were fairly steady; however, over the last six years a significant decline has been observed. A 23-foot decline has been recorded at YVWD 34 over this period to its current elevation of 2,119 ft. The decline at Oak Valley 5 has been steeper with a drop of 24 feet in the first half of 2020 despite the fact that this well was pumped last in the fall of 2019. Oak Valley 5 is no longer being monitored, as of the Summer of 2020, as it has been destroyed. It is being included here for reference purposes at this time since there is no other well in the immediate area that could be used to monitor levels.
- ✓ Figure No. 3 – Two of the Noble Creek observation wells are presented in this figure representing the shallow and deep aquifers. From the summer of 2016 through the spring of 2018, the water level in the shallow aquifer monitoring well increased over 80 feet to an elevation of 2,422 ft. Water level continued to increase, although at a lower rate, over the ensuing 18 months reaching a peak elevation of 2,431 ft in the fall of 2019. Over the next 42 months, it declined 100 feet to an elevation of 2,331 ft. in the spring of 2023. Over the last 30 months, a significant recovery (124 ft) has taken place to its current elevation of 2,455 ft., the highest level recorded since monitoring began. In the deeper aquifer, the increase in water level was steady from the summer of 2016 through the spring of 2020

reaching a peak elevation of 2,302 ft.; over the next three years, water level declined 57 feet to a low elevation of 2,245 ft, recorded on August 15, 2023. On that date, this well was vandalized resulting in the disruption of the communications cable and the temporary collection of accurate water level information. With the November 2023 visit, the data was cleaned and it is now included in the figure. A new communications cable was installed on December 6<sup>th</sup>, 2023. Since August 2023, water level at this well has increased by 60 ft. to elevation 2,305 ft. This elevation represents the highest elevation recorded at this well since monitoring began in May 2015. These two wells are at their highest elevation monitored.

- ✓ Figure No. 4 – Southern Portion of the Basin. The water level at the Summit Cemetery well is highly influenced by a nearby pumping well that is used to irrigate the cemetery grounds. Since monitoring began, the water level has fluctuated over a 20-foot range. Water level information between January and October 2022 was not collected due to equipment malfunction and vandalism. New water level monitoring equipment was installed at the beginning of October 2022 and the site was secured to minimize further vandalism. The newly installed optical communications cable worked for a few months, but failed to transmit and was replaced on January 10, 2024 with a similar cable and has been working fine since. Beginning in the spring of 2025, water level at this well declined 13 ft. into the summer to its current level of 2,501 ft near the bottom of its operating range. As expected, water level at this well has begun to increase as we moved into the fall and winter months. Current water level elevation is 2,503 ft.
- ✓ Also depicted in Figure No. 4 is the water level at the Sun Lakes well site. It fluctuated minimally between 2015 and the end of 2021, when it began to decline. Between November 2021 and May 2022, the water level dropped by eight feet to 2,405 ft. However, it has recovered to 2,420 ft in the last three years. After a number of optical communications cables were used and replaced due to factory defect, the latest cable, installed in Jan 2024, has been working properly since.
- ✓ Figure No. 5 illustrates water levels at three wells owned by the City of Banning in the Southeast portion of the basin. While water level at the Old Well No. 15 (Chevron Well) has been fairly flat over the last six years between elevations 2,197 ft and 2,200 ft. A somewhat significant and steady decline, close to 40 feet, has been recorded at Banning M-8 between the summer of 2015 and the fall of 2024 to an elevation of 2,039 ft., last recorded on October 16, 2024. Since that time, communications with the probe have not been established and the communications cable is stuck inside the well. Several attempts were made between October 2024 and February 2025 without success. As a result, water levels are now measured manually. Current water level is at elevation 2,042 ft.
- ✓ Also depicted in Figure 5 is the water level at Banning M-9. It has fluctuated in a 20-foot range, between 2,128 ft and 2,148 ft. Current water level elevation is at 2,134 ft. While the water level probe has been collecting data hourly at this well, over the last two years, three communications cables have been replaced due to the failure of the water seal at the bottom of the cable. The latest replacement

cable was installed during our January 2024 visit and continued to work through our latest visit, a good sign.

- ✓ Figure No. 6 illustrates recorded water level at BCVWD No. 2 and BCVWD No. 25. Water level at these two wells follows the same seasonal pattern rising in the fall through the spring months and falling during the summer as production increases. The water level at BCVWD No. 25 has been fluctuating over a 25 ft range between 2,191 ft and 2,215 ft in elevation; however, in the summer of 2023 it declined more than normal to a low elevation of 2,192 ft; since, water level is recovering to the March 2024 elevation of 2,203 ft. During the 2021-23 period, summer lows have been lowered each year, 2,199 ft in the summer of 2021, 2,194 ft in 2022, and 2,193 in 2023. Water level in the spring of 2024 was at an elevation of 2,203 ft. Since that time, over the last 18 months water level information has not been reported due to a combination of inconsistent recorded data and the communications cable being stuck in the well. During our March 2025 visit, the communications cable was finally removed from the well and a new probe installed; unfortunately, communications could not be established during our last three visits. While the probe continues to record levels, this information will be extracted from the probe during our next visit as we want to minimize the potential for the probe to be stuck again inside the well.
- ✓ At BCVWD No. 2, also depicted in Figure No. 6, water levels since 2017 have ranged between 2,188 ft and 2,216 ft with a current elevation of 2,211 ft. closer to the upper portion of the operating range. Similar to BCVWD No. 25, lower summer lows have been recorded in recent years. A new communications cable was installed at this well on December 6, 2023; however, no data was recorded through March 2024 due to malfunctioning of the recording probe. A different probe was installed at that time and has been working fine since.
- ✓ Figure No. 7 depicts the recorded water level at the two newest observation wells, BCVWD No. 29 and Tukwet Canyon Well “B”. BCVWD No. 29 is a pumping well on the western portion of the basin. This well was extensively used prior to 2022; however, minimum pumping has been recorded since the winter of 2021. A decline in water level of nine feet has been recorded between the spring of 2019 and the spring of 2021. During the May 2021 visit, the communications cable could not be pulled and information from the water level probe could not be downloaded. During our January 2022 visit, the water level meter got lodged between the pump column and the well casing and could not be removed; it has been there since. There is a chance that the water level meter probe may not be recovered until the column is pulled from the well and the equipment recovered.
- ✓ Tukwet B is a dedicated monitoring well in the southern portion of the basin with minimal fluctuations in elevation since the probe was installed in the spring of 2019. The March 2024 water level was recorded at 2,218 ft representing the highest recorded level since monitoring began. No water level information was available between March and September 2024 due to malfunctioning of the recording probe. The latest recorded level was at elevation 2,213 ft. Water level data for the last

ten months is not available as the probe needs to be replaced; only manually recorded data is used.

### **Monitoring Wells Additions**

None during this period

### **Equipment Installation and Replacement**

No replacements took place during the reporting period. However, equipment has been ordered to replace communications cables at Tukwet B, Noble Creek Park, and Noble Creek shallow aquifer observation well. Communication cables in the latter two wells, along with refurbished probes, will be installed on December 3<sup>rd</sup> after the regular BBWM board meeting.

### **Troubleshooting Issues**

The probe at BCVWD No. 25 was replaced during our March visit using the existing communications cable. While good communication was established during that visit, communications could not be established during our three most recent visits. The probe will be pulled during our November visit to download the information collected. Downloading of this data will take place twice a year to minimize the potential for the probe to be stuck inside the well. During our next visit we will also consider the possibility of replacing the communications cable at this well.

At Noble Creek Park, the communications cable is not working. The cable was pulled and upon inspection, several portions of the cable's protective coating had been ripped resulting in interruptions in communications. This 500 ft cable will be replaced on December 3<sup>rd</sup>, 2025.

At Noble Creek the communications cable in the shallow aquifer will be replaced on December 3<sup>rd</sup>, 2025. This is a 500 ft cable.

At Tukwet B, the communications cable is not working. This cable was pulled and inspected without any physical defects observed. This 100 ft cable will be replaced in January 2026. s

Recorded water level information was manually retrieved at the following wells due to malfunctioning of the communication cables:

- ✓ Mountain View
- ✓ Noble Creek Park
- ✓ Noble Creek Spreading Grounds – Shallow aquifer well
- ✓ Tukwet B

## Potential Monitoring Sites

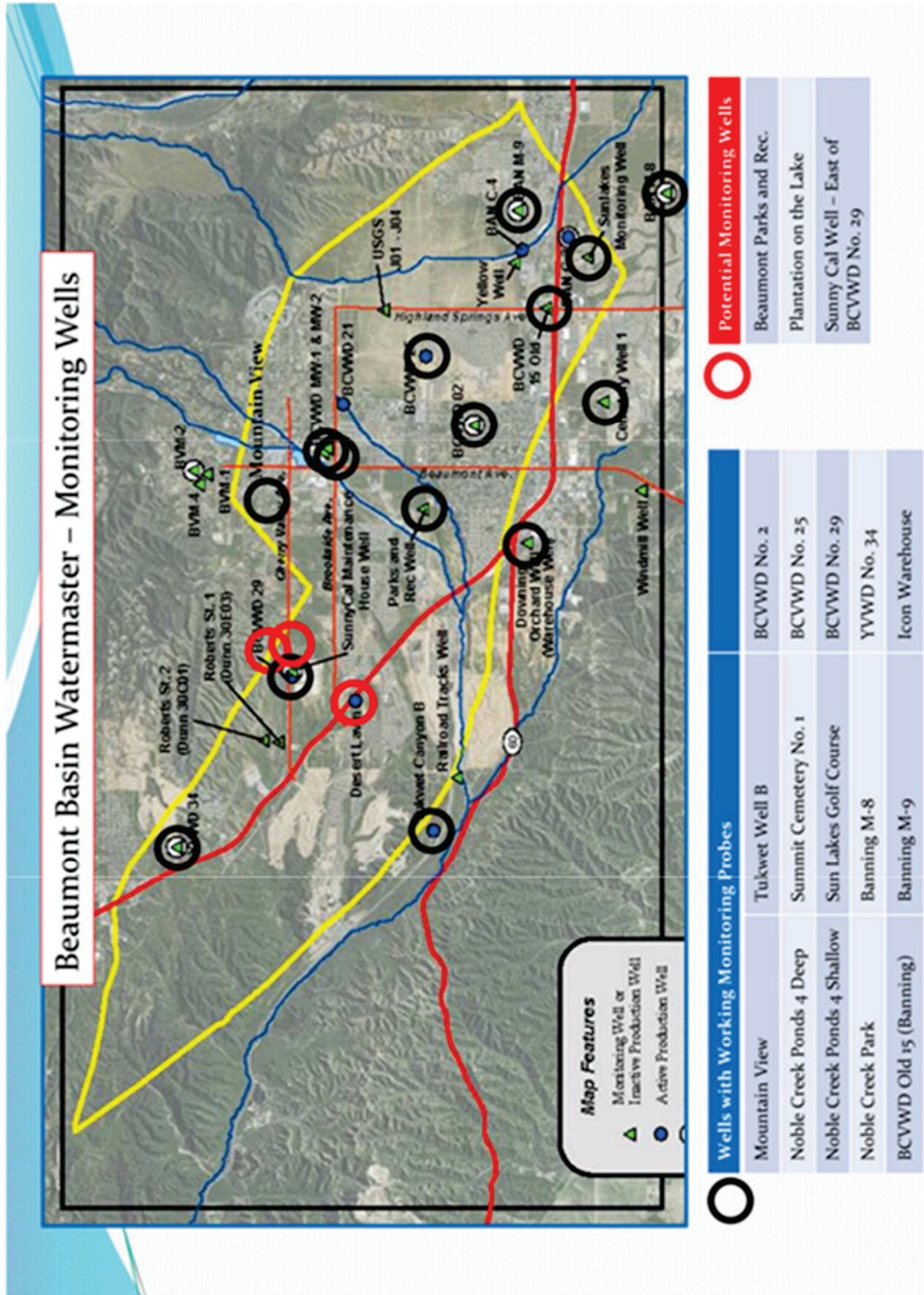
Two production wells have been identified as potential monitoring wells recently. The owners have been contacted and the sites visited. The first well is owned by the Beaumont-Cherry Valley

Recreation and Park District. The well is located on the north side of Cherry Valley Blvd and has been recently used to supply water during grading for construction of two warehouses nearby.

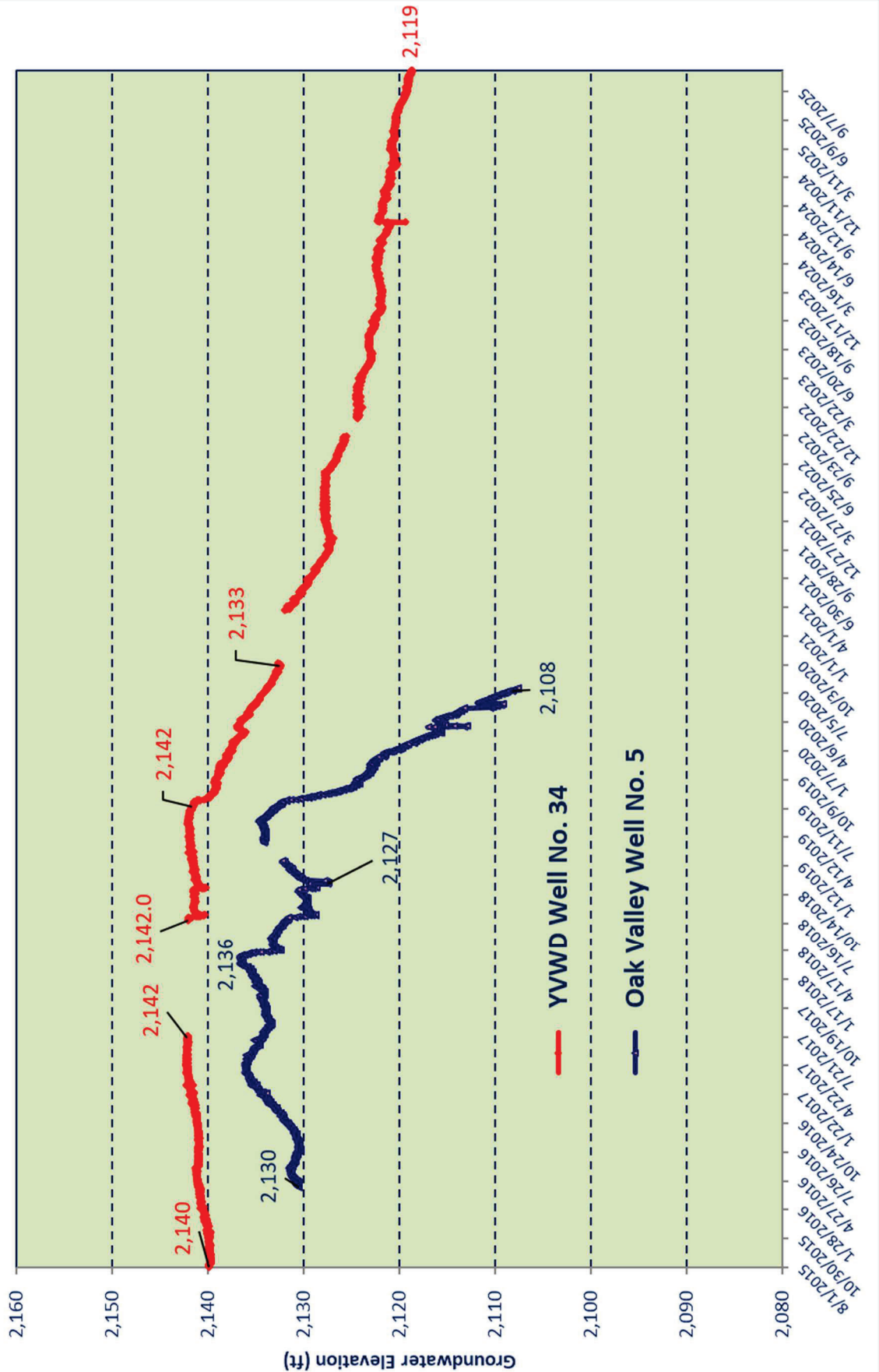
Upon construction of these facilities, this well will be available to irrigate nearby lands; a monitoring probe could be installed with minor modifications at the well head.

The second well is owned by Plantation on the Lake. The site has been visited and owner is considering drilling a hole on the well head to accommodate the monitoring probe. No progress has been made by owner.

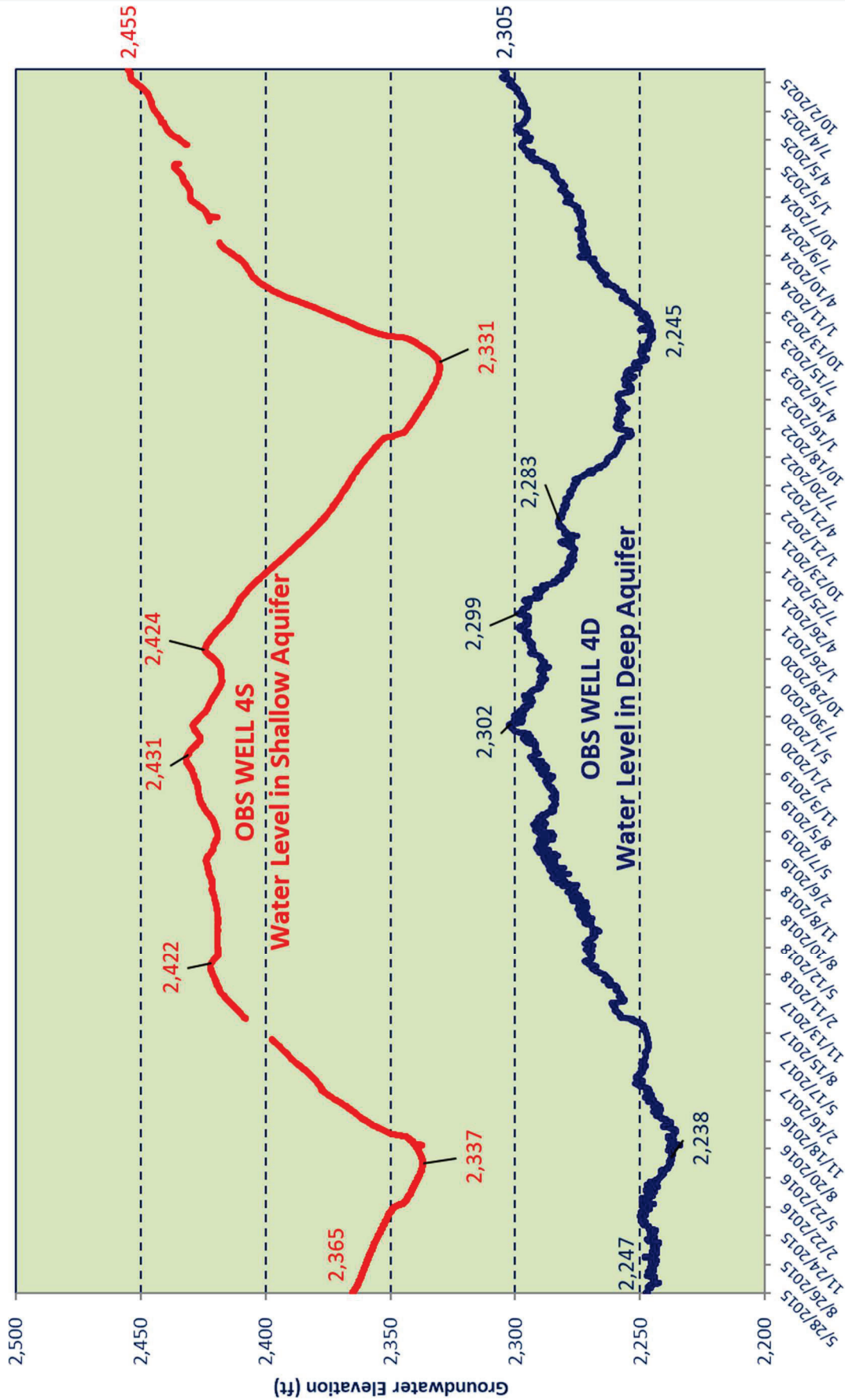
In addition to the two production wells, a new monitoring groundwater well, located approximately 400 ft east of BCVWD No. 29 is currently being considered. Water level at this well is 400 ft below surface and the well has a measured depth of 465 ft



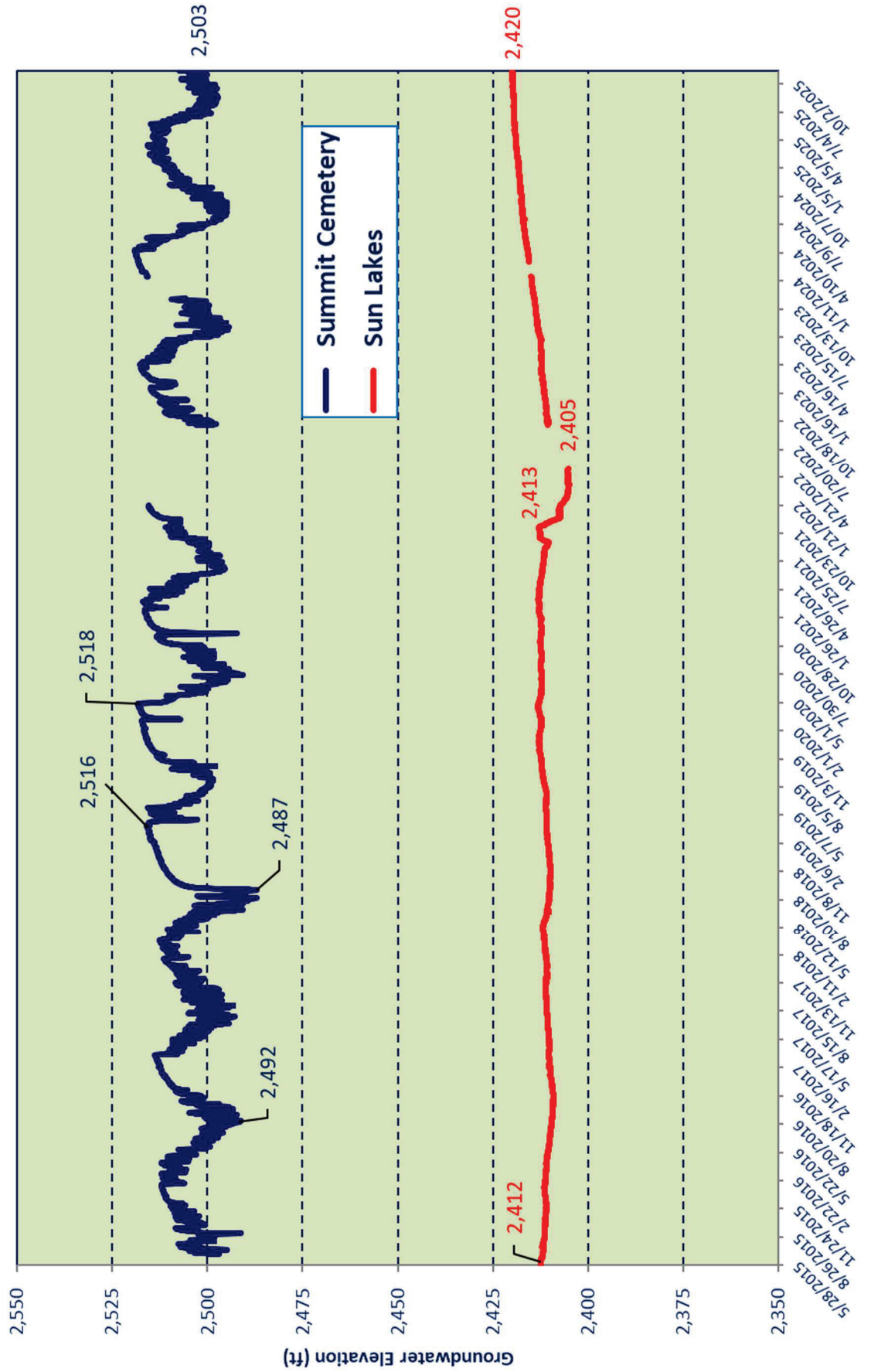
**Figure No. 2**  
**Static Groundwater Elevations at YVWD No. 34 and Oak Valley No. 5**  
 (July 29, 2015 through Nov 12, 2025)



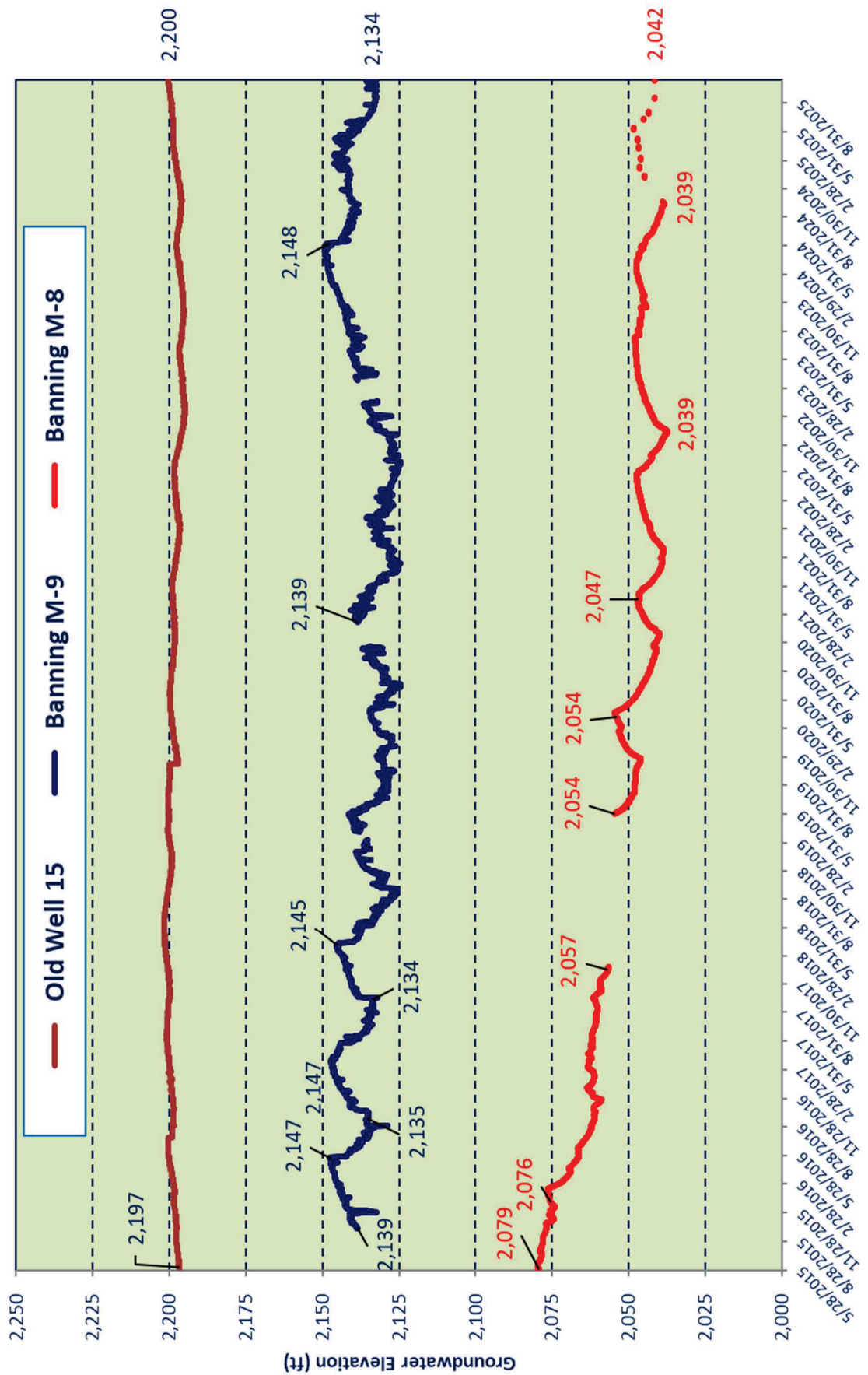
**Figure No. 3**  
**Static Groundwater Elevations at Noble Creek Obs. Well 4S and 4D**  
(May 28, 2015 through Nov 12, 2025)



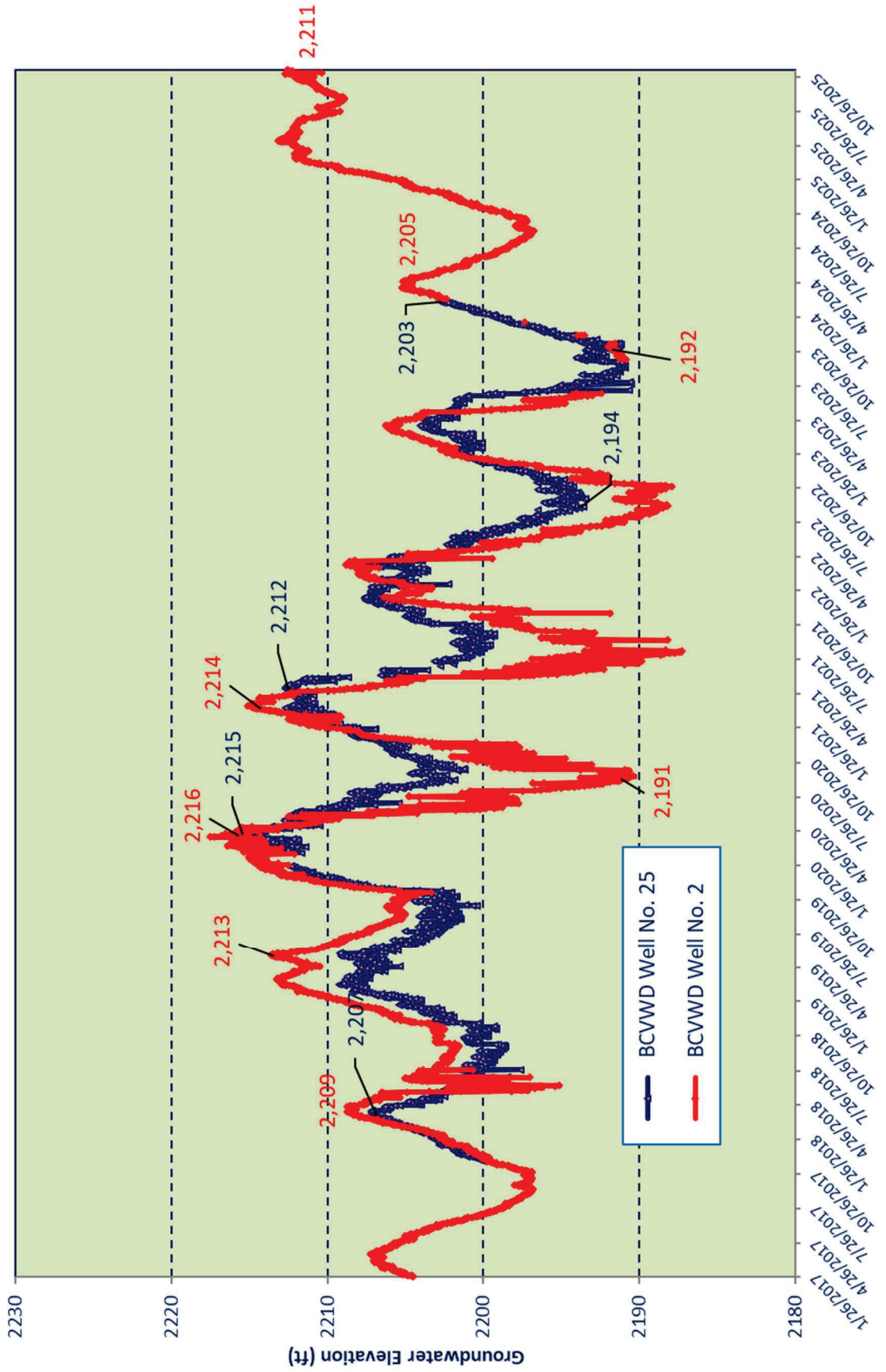
**Figure No. 4**  
**Static Groundwater Elevations at Summit Cemetary and Sun Lakes Wells**  
(May 28, 2015 through Nov 12, 2025)



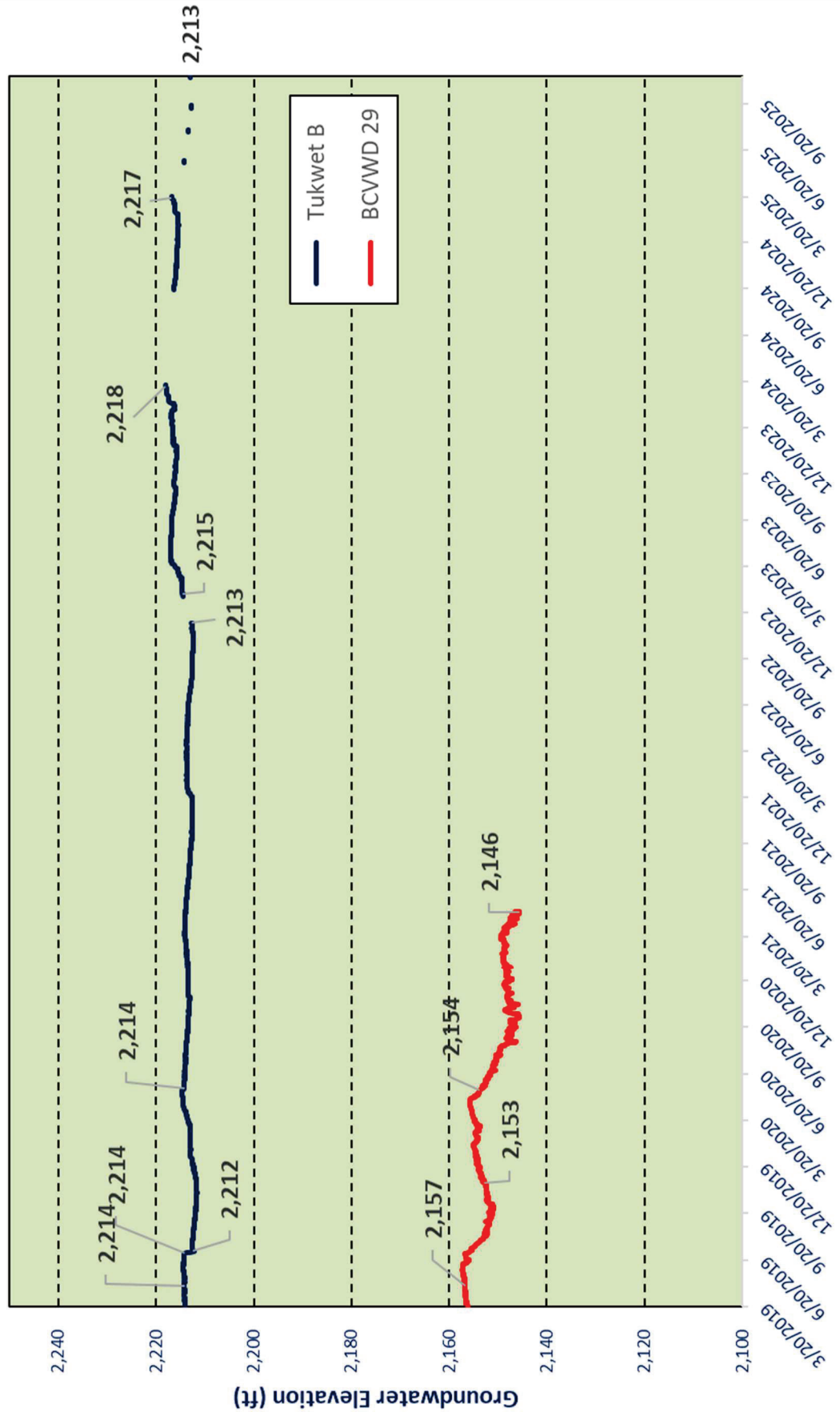
**Figure No. 5**  
**Static Groundwater Elevations near the Banning Basin**  
 (May 28, 2015 through Nov 12, 2025)



**Figure No. 6**  
**Static Groundwater Elevations at BCVWD Wells No. 2 and 25**  
(Jan 26, 2017 through Nov 12, 2025)



**Figure No. 7**  
**Static Water Level at BCVWD No. 29 and Tukwet Cyn Well B**  
(Mar 20, 2019 through Nov 12, 2025)



## BEAUMONT BASIN WATERMASTER

**Date:** December 3<sup>rd</sup>, 2025

**From:** Hannibal Blandon, ALDA Inc.

**Subject:** A Comparison of Production Rights vs Production through October 2025

**Recommendation:** No recommendation - For informational purposes only.

This Technical Memorandum presents a comparison of Appropriator’s Production Rights from the Beaumont Basin against actual production. At the beginning of CY 2025, Appropriators have certain Production Rights resulting from: a) unused production by overlying users from 2020 and/or b) permanent transfers of overlying water rights. Production Rights for individual Appropriators can be increased through the course of the year by spreading imported water.

Total production by Appropriators through October 2025 was 12,890 ac-ft while Appropriator’s Production Rights for the same period were 19,515 ac-ft resulting in a positive storage balance of 6,625 ac-ft, as presented in the table below. Spreading of supplemental water for this period was 14,443 ac-ft, mostly by BCVWD. The Production Rights for most Appropriators, except the City of Banning, was higher than their respective production amounts resulting in a net temporary addition to their individual storage accounts. Change in storage accounts will be adjusted throughout the calendar year. SGPWA increased its pre-stored water balance to 4,490 ac-ft for the reporting period.

	City of Banning	Beaumont Cherry Valley W.D.	South Mesa Mutual W.C.	Yucaipa Valley W.D. <sup>(1)</sup>	Total
Appropriative Water Rights	1,444	1,953	573	624	4,594
Transfer of Overlying Water Right to Appropriator	0	0	0	478	478
Supplemental Water	750	13,693	0	0	14,443
Appropriator’s Production Right	2,194	15,646	573	1,102	19,515
Production <sup>(2)</sup>	2,299	9,437	220	934	12,890
Change in Storage Account	-105	6,209	353	168	6,625
Storage Account Balance as of December 2024	49,176	38,068	10,888	19,009	117,141

1.- YVWD was credited at the beginning of the year with 478.30 ac-ft of Overlying transfers from OVP. Actual credit may be higher at the end of the year.

2.- Production by the City of Banning may be supplemented by transfers from BCVWD – 208.04 ac-ft reported between January and October 31, 2025.

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tmontoya@fbtlaw.com  
2 FROST, BROWN TODD  
A Professional Corporation  
3 1 MacArthur Place, Suite 200  
Santa Ana, California 92707  
4 Tel: (714) 852-6800  
Fax: (714) 852-6899

**EXEMPT FROM FILING FEES  
GOVERNMENT CODE § 6103**

5  
6 Attorneys for Court-Appointed  
BEAUMONT BASIN WATERMASTER  
7

8  
9 **SUPERIOR COURT OF THE STATE OF CALIFORNIA**  
10 **FOR THE COUNTY OF RIVERSIDE**  
11 **CENTRAL DISTRICT**

12 SAN TIMOTEO WATERSHED  
MANAGEMENT AUTHORITY, a public  
13 agency

**CASE NO.:** RIC 389197

**JUDGE:** Hon. Irma P. Asberry

14 Plaintiff,

15 vs

**[PROPOSED] ORDER APPROVING  
SUBSTITUTION OF CITY OF  
BANNING'S ALTERNATE  
WATERMASTER REPRESENTATIVE**

16 CITY OF BANNING, a municipal corporation;  
BEAUMONT-CHERRY VALLEY WATER  
DISTRICT, an irrigation district; YUCAIPA  
17 VALLEY WATER DISTRICT, a county water  
district; PLANTATION ON THE LAKE LLC, a  
18 California limited liability company;  
SHARONDALE MESA OWNERS  
19 ASSOCIATION; an unincorporated association;  
SOUTH MESA MUTUAL WATER  
20 COMPANY, a mutual water company,  
CALIFORNIA OAK VALLEY GOLF AND  
21 RESORT LLC, a California limited liability  
company; OAK VALLEY PARTNERS LP, a  
22 Texas limited partnership; SOUTHERN  
CALIFORNIA SECTION OF THE  
23 PROFESSIONAL GOLFERS ASSOCIATION  
OF AMERICA, a California corporation;  
24 SUNNY-CAL EGG AND POULTRY  
COMPANY, a California corporation;  
25 MANHEIM, MANHEIM & BERMAN, a  
California General Partnership; WALTER M.  
26 BECKMAN, individually and as Trustee of the  
BECKMAN FAMILY TRUST dated December  
27 11, 1990; THE ROMAN CATHOLIC BISHOP  
OF SAN BERNARDINO, a California  
28

**DATE:** December 11, 2025  
**TIME:** 8:30AM  
**DEPT:** 5  
**Reservation No.** 186094593260

FROST BROWN TODD, LLP  
SANTA ANA

1 Corporation; MERLIN PROPERTIES, LLC;  
2 LEONARD M. STEARNS AND DOROTHY D.  
3 STEARNS, individually and as Trustees of the  
4 LEONARD M. STEARNS FAMILY TRUST OF  
5 1991; and DOES 1 through 500, inclusive,

6 Defendants.

7 The Court, having considered the Motion to Appoint Alternate Member for the Beaumont  
8 Basin Watermaster, the supporting memoranda and declarations, and good cause appearing, orders  
9 as follows:

10 1. The City of Banning’s nomination of Shah Nawaz, P.E., Deputy Water/Wastewater  
11 Director, to serve as the City’s alternate representative on the Beaumont Basin Watermaster  
12 Committee is approved. Mr. Nawaz replaces Nate Smith, P.E., as the City of Banning’s alternate  
13 representative.

14 2. This Order is made pursuant to the Amended Judgment Pursuant to Stipulation in this  
15 action.

16 IT IS SO ORDERED.

17 Dated: \_\_\_\_\_, 2025

\_\_\_\_\_  
18 Judge of the Superior Court

1 **PROOF OF SERVICE**

2 **STATE OF CALIFORNIA, COUNTY OF ORANGE**  
3 *San Timoteo Watershed Management Authority v. City of Banning*  
4 Riverside Superior Court Case No. 389197

5 I am employed in the County of Orange, State of California. I am over the age of 18 years  
6 and not a party to the within action. My business address is **Frost Brown Todd, LLP, 1**  
7 **MacArthur Place, Santa Ana, CA 92707.**

8 On November 5, 2025, I served the foregoing document described as **[PROPOSED]**  
9 **ORDER APPROVING SUBSTITUTION OF CITY OF BANNING’S ALTERNATE**  
10 **WATERMASTER REPRESENTATIVE** on the interested parties in this action.

11  by placing the original and/or a true copy thereof enclosed in (a) sealed envelope(s),  
12 addressed as follows:

13 **SEE ATTACHED SERVICE LIST**

14  **BY REGULAR MAIL:** I deposited such envelope in the mail at 1 MacArthur Place, Santa  
15 Ana, California. The envelope was mailed with postage thereon fully prepaid.

16 I am “readily familiar” with the firm’s practice of collection and processing correspondence  
17 for mailing. It is deposited with the U.S. Postal Service on that same day in the ordinary  
18 course of business. I am aware that on motion of the party served, service is presumed invalid  
19 if postal cancellation date or postage meter date is more than one (1) day after date of deposit  
20 for mailing in affidavit.

21 **BY THE ACT OF FILING OR SERVICE, THAT THE DOCUMENT WAS**  
22 **PRODUCED ON PAPER PURCHASED AS RECYCLED.**

23 **BY ELECTRONIC SERVICE:** Based on a court order or an agreement of the parties to  
24 accept service by electronic transmission, I caused the documents to be sent to the persons at  
25 the electronic notification address listed in the Service List.

26  **BY FACSIMILE MACHINE:** I Tele-Faxed a copy of the original document to the above  
27 facsimile numbers.

28  **BY OVERNIGHT MAIL:** I deposited such documents at the Overnite Express or Federal  
Express Drop Box located at 1 MacArthur Place, Santa Ana, California 92707. The envelope  
was deposited with delivery fees thereon fully prepaid.

**BY PERSONAL SERVICE:** I caused such envelope(s) to be delivered by hand to the above  
addressee(s).

(State) I declare under penalty of perjury under the laws of the State of California that the  
foregoing is true and correct.

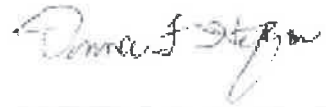
**PROOF OF SERVICE**

FROST BROWN TODD  
SANTA ANA

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(Federal) I declare that I am employed in the office of a member of the Bar of this Court, at whose direction the service was made.

Executed on November 5, 2025, at Santa Ana, California.



\_\_\_\_\_  
DONNA F. HEFLIN

FROST BROWN TODD  
SANTA ANA

**PROOF OF SERVICE**

**SERVICE LIST**

San Timoteo Watershed Management Authority v. City of Banning  
Riverside Superior Court Case No. 389197

1		
2		
3		
4	<i>City of Banning</i>	
5	Duane Burk	
6	Post Office Box 998	
7	Banning, CA 92220	
8	<a href="mailto:dburk@ci.banning.ca.us">dburk@ci.banning.ca.us</a>	
9		
10	<i>Yucaipa Valley Water District</i>	
11	Joseph Zoba	
12	Post Office Box 730	
13	Yucaipa, CA 92399	
14	<a href="mailto:jzoba@yvwd.dst.ca.us">jzoba@yvwd.dst.ca.us</a>	
15		
16	<i>South Mesa Mutual Water Company</i>	
17	George Jorritsma	
18	Post Office Box 458	
19	Calimesa, CA 92320	
20	<a href="mailto:smwc@verizon.net">smwc@verizon.net</a>	
21		
22	<i>Beaumont-Cherry Valley Water District</i>	
23	Dan Jagers	
24	560 Magnolia Avenue	
25	Beaumont, CA 92223	
26	<a href="http://erio.fraserabcvwd.org">erio.fraserabcvwd.org</a>	
27		
28	<i>Yucaipa Valley Water District</i>	
29	Joseph Zoba	
30	Post Office Box 730	
31	Yucaipa, CA 92399	
32	<a href="mailto:inelson@yvwd.dst.ca.us">inelson@yvwd.dst.ca.us</a>	
33		
34	<i>City of Beaumont</i>	
35	Kyle Warsinski	
36	550 East Sixth Street	
37	Beaumont, CA 92223	
38	<a href="mailto:kwarsinskici@beaumont.ca.us">kwarsinskici@beaumont.ca.us</a>	
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**PROOF OF SERVICE**

FROST BROWN TODD  
SANTA ANA

1 *Sharondale Mesa Owners Association*  
2 Ira Pace  
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5 [rbnip@msn.com](mailto:rbnip@msn.com)

6 *Plantation on the Lake*  
7 James Krueger  
8 10961 Desert Lawn Drive  
9 Calimesa, CA 92320

10 *Latham and Watkins, LLP.*  
11 Paul Singarella, Esq.  
12 650 Town Center Drive, 20th Floor  
13 Costa Mesa, CA 92626-1925

14 *Southern California Professional Golfers*  
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16 Tom Addis  
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18 Beaumont, CA 92223

19 *Manheim, Manheim and Berman*  
20 Steve Anderson, Esq.  
21 Best, Best and Krieger  
22 3750 University Avenue, Suite 400 Riverside,  
23 CA 92501

24 Mrs. Beckman  
25 38201 Cherry Valley Boulevard  
26 Cherry Valley, CA 92223

27 *Merlin Properties, LLC.*  
28 Fred and Richard Reidman  
6475 East Pacific Coast Highway, Suite 399  
Long Beach, CA 90803  
[riedmangte.net](http://riedmangte.net)

**PROOF OF SERVICE**

1 San Bernardino Valley Municipal Water  
2 District  
3 Douglas Headrick  
4 380 East Vanderbilt Way  
5 San Bernardino, CA 92408

6 San Gorgonio Pass Water Agency  
7 Barbara Voight  
8 1210 Beaumont Avenue  
9 Beaumont, CA 92223

10 *Patsy Reeley*  
11 10096 Live Oak Avenue  
12 Cherry Valley, CA 92223

13 *Niki Magee*  
14 38455 Vineland Street  
15 Cherry Valley, CA 92223

16 *Judy Bingham*  
17 115 Viele Avenue  
18 Beaumont, CA 92223

19 *Thomas Harder and Company*  
20 Thomas Harder  
21 1260 N. Hancock St. Ste. 109  
22 Anaheim, CA 92807  
23 714.792.3875

24 *Alda, Inc.*  
25 Anibal Blandon  
26 5928 Vineyard Avenue  
27 Rancho Cucamonga, CA 91701  
28 [blandona@aldaengineering.com](mailto:blandona@aldaengineering.com)  
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PROOF OF SERVICE

# **Discussion Items**

**BEAUMONT BASIN WATERMASTER  
MEMORANDUM NO. 25-31**

**Date:** December 3, 2025  
**From:** Thomas Harder, Thomas Harder & Co.  
**Subject:** Update on the Analysis of Losses in the Beaumont Basin  
**Recommendation:** For Information and Discussion

---

At the August 2025 Committee Meeting, we provided an update on our analysis of basin losses with the groundwater flow model. The update included:

- A summary of three forecast imported water delivery scenarios (baseline, dry and wet) that were analyzed with the groundwater flow model
- Changes in groundwater underflow at the Beaumont Basin boundaries for the wet and dry scenarios, compared to the baseline
- Particle tracking analysis for each scenario
- Next steps for reporting the model analysis results

At the December 2025 Committee Meeting, we will provide an update on our analysis to inform the preliminary draft Beaumont Basin Loss Policy. Analysis of basin imported water recharge scenarios has shown that forecasted pumping is predicted to significantly reduce underflow out of the eastern part of the Beaumont Basin, regardless of the amount of imported water recharge available to the Basin. The forecasted pumping is significantly greater than has been realized in the last ten years. We will be soliciting input from the Committee about the representativeness of forecasted pumping in the Basin and requesting feedback on changes needed for the model scenarios, if any.

# Beaumont Basin Watermaster

## Update on Analysis to Account for Losses in the Basin

December 3, 2025

Thomas Harder & Co.  
Groundwater Consulting 

1

## Analysis of Basin Losses – Scope of Work

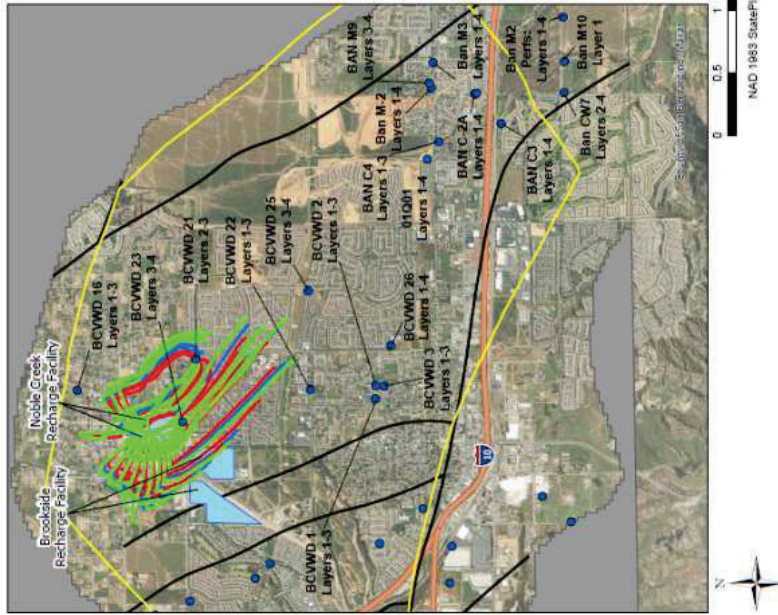
1. Quantify Subsurface Outflow Under Various Historical Periods (With/Without Managed Recharge)
2. Coordinate with SGPWA Imported Water Forecasts for Analysis of Potential Storage Losses
3. Set Up Model Input Files (Pre-Processing)
4. Analysis of Potential Losses
5. Reporting

Thomas Harder & Co.  
Groundwater Consulting 

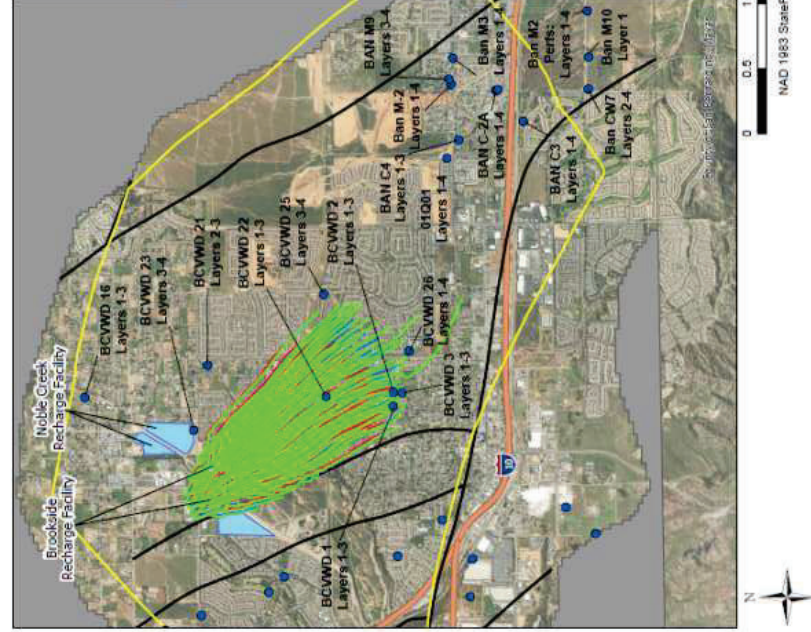
2

# Imported Water Recharge Is Not Predicted to Physically Leave the Basin in the Next 25 Years

25-year Period (2023-2048)  
Porosity = 0.2



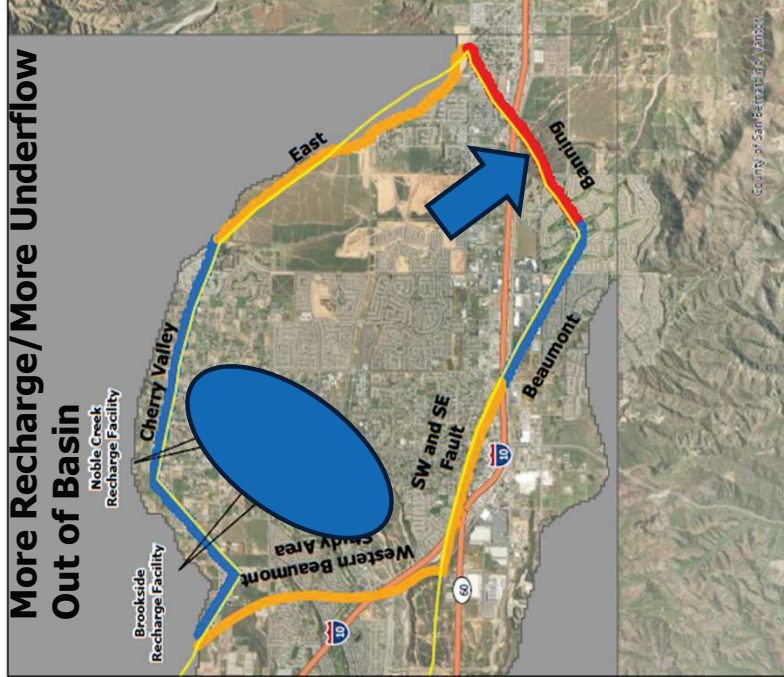
25-year Period (2023-2048)  
Porosity = 0.2



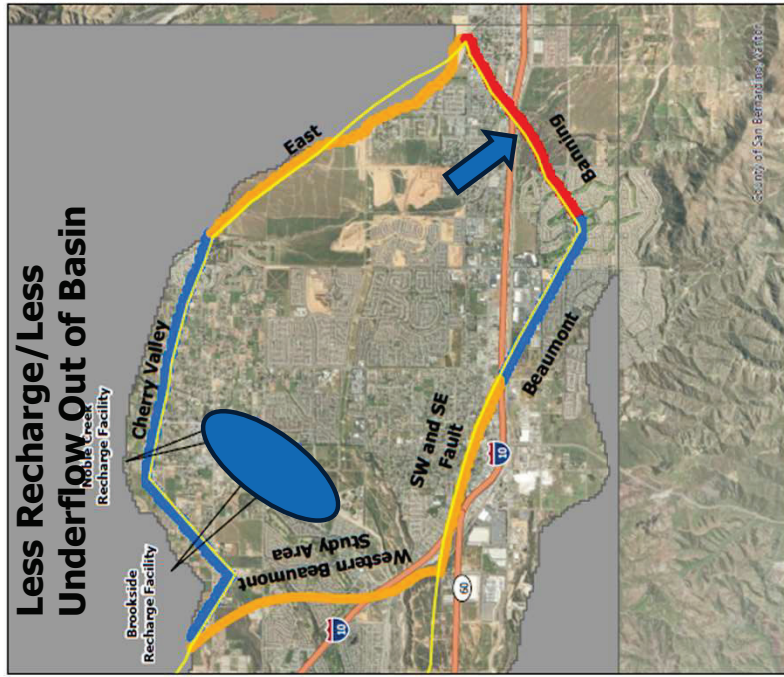
# Under the Same Groundwater Pumping Rates, Changes in Recharge Rate Impact the Amount of Underflow Out of the Basin

***Underflow Changes are Caused by Changes in Groundwater Gradient***

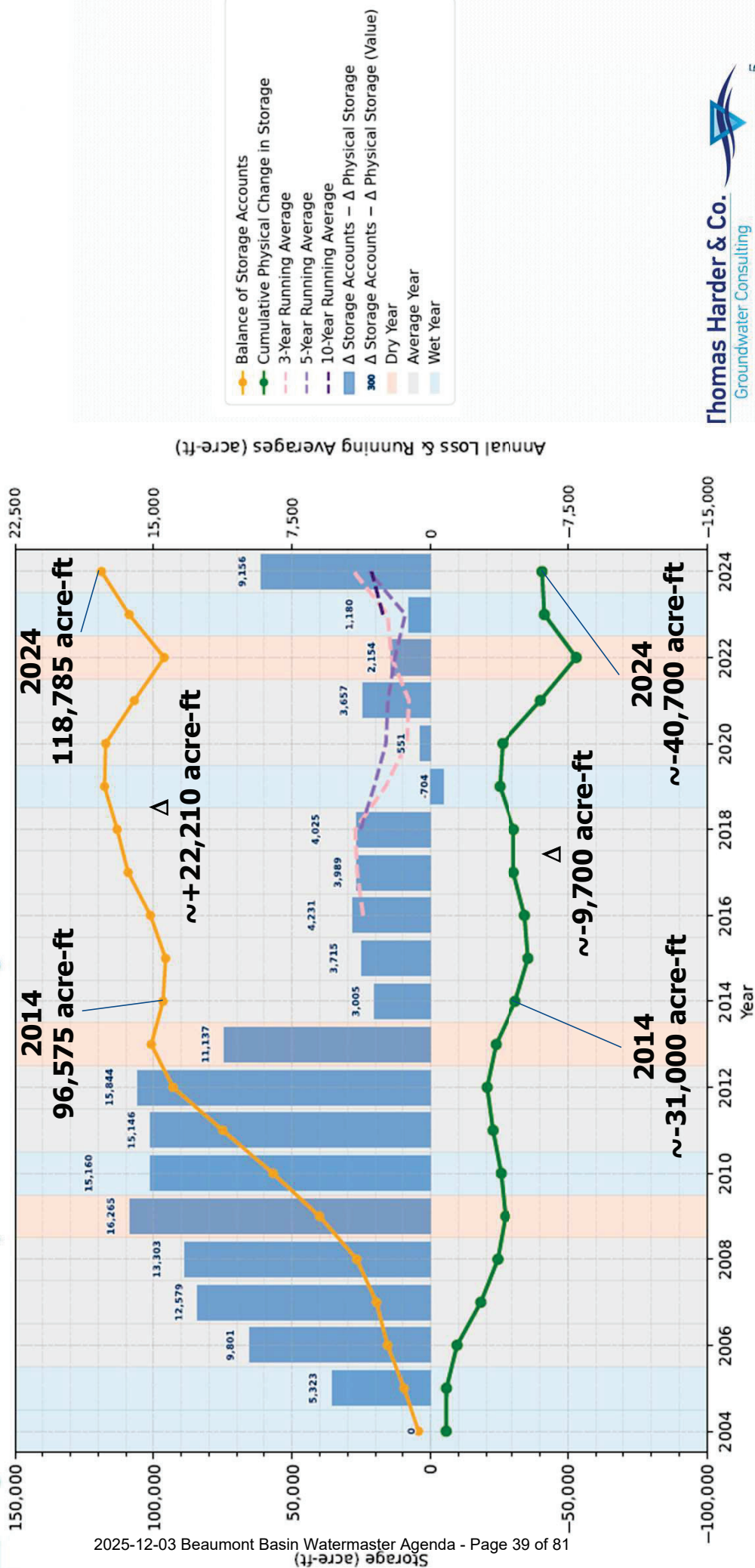
Eastern Beaumont Study Area  
Baseline (2023-2072)



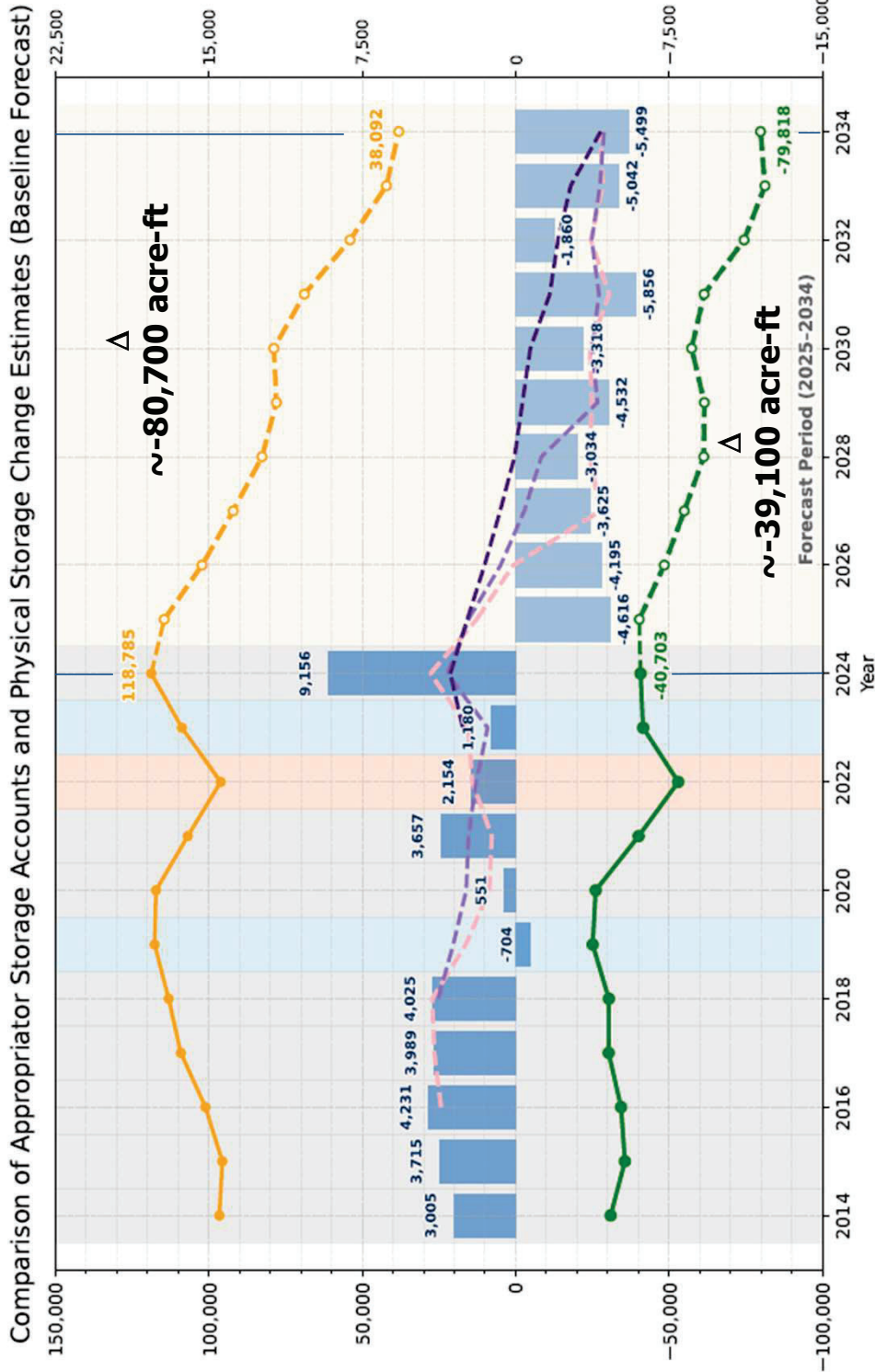
Eastern Beaumont Study Area  
Dry Scenario (2023-2072)



# Between 2014 and 2024 Storage Accounts Have Increased While Physical Storage in the Basin Has Decreased



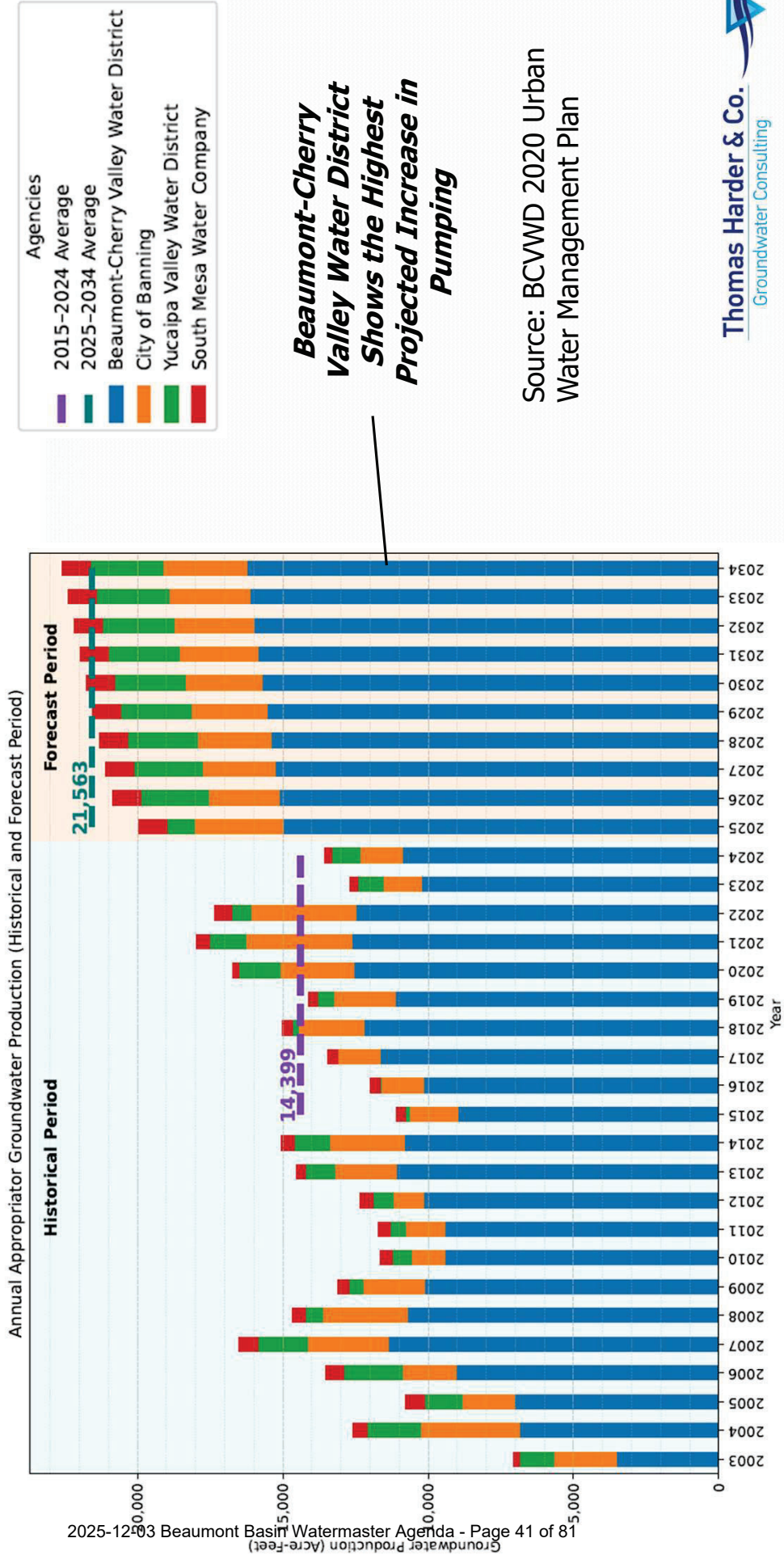
# In the Baseline Forecast Storage Accounts are Predicted to Decrease Faster than the Physical Change in Storage



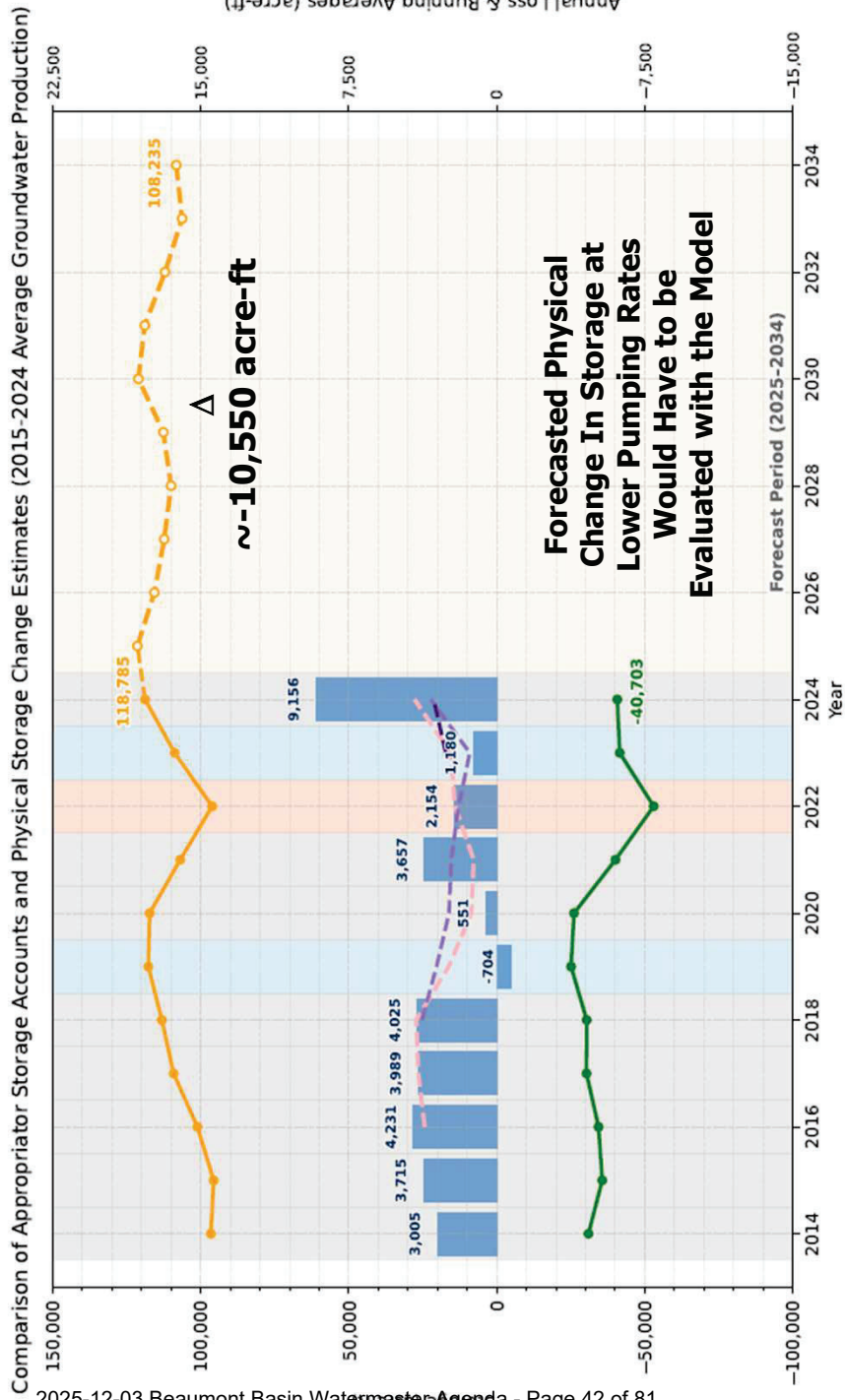
**The Decrease in Storage Accounts in the Forecast Is Caused by Higher Pumping than Occurred in the Historical Period**

- Balance of Storage Accounts
- Cumulative Physical Change in Storage
- Balance of Storage Accounts (Baseline Forecast)
- Cumulative Physical Change in Storage (Baseline Forecast)
- 3-Year Running Average (Historical + Forecast)
- 5-Year Running Average (Historical + Forecast)
- 10-Year Running Average (Historical + Forecast)
- Storage Accounts - Δ Physical Storage
- Storage Accounts - Δ Physical Storage (Baseline Forecast)
- 300 Δ Storage Accounts - Δ Physical Storage (Value)
- 300 Cumulative Physical Change in Storage (Value)
- Cumulative Physical Change in Storage (Value)
- Dry Year
- Average Year
- Wet Year
- Forecast Period (2025-2034)

# Groundwater Pumping in the Forecast is Higher than Occurred During the Prior 10-Yr Period



# If Future Groundwater Production were Fixed at the 10-Yr Historical Average, Storage Accounts are Predicted to Decrease Less than the Baseline Scenario



## Next Steps

- **Is the Groundwater Pumping Forecast Realistic?**
- **If Not, It is Recommended to Reevaluate the Effects of the Baseline, Dry and Wet Scenarios on Storage Accounts and Physical Storage with Updated Pumping Projections**
- **If the Pumping Forecasts are Considered Realistic, then We Will Finalize the Technical Memorandum**

**BEAUMONT BASIN WATERMASTER  
MEMORANDUM NO. 25-32**

**Date:** December 3, 2025  
**From:** Steven Stuart, Dudek  
**Subject:** Update on Proposed Revisions to BBWM Rules and Regulations  
**Recommendation:** For Discussion Purposes Only

---

Dudek received responses from the five BBWM Committee members on the proposed revisions to the Rules and Regulations. City of Banning, Beaumont-Cherry Valley Water District, South Mesa Water Company, and Yucaipa Valley Water District provided comments and suggested edits. The City of Beaumont responded with no comments.

Most comments and suggested edits are compiled in the attached table, which identifies the date the comments/edits were received, the commentator, the section and page in the Rules and Regulations the comment/edit refers to, the comment, and responses to comments provided to date.

At this meeting, Mr. Stuart will open the floor for further discussion on the proposed revisions and subsequent comments and suggested edits. Mr. Stuart will highlight sections of the Rules and Regulation that require clarification and further discussion. The goal is to provide a revised version of the Rules and Regulations and draft resolution to adopt the revisions to the Rules and Regulations to the Watermaster Committee for final review at the February 2026 BBWM regular meeting. The adoption of the resolution approving the revisions to the Rules and Regulations will be considered at a subsequent Watermaster Committee regular meeting.

Comments on Proposed Revisions to the Beaumont Basin Watermaster Rules and Regulations

Date Comments Received	Commentator	Page	Section Number	Section Title	Comment	Response to Comment / Notes
9/18/2025	BCWWD	1	1.0	In General	Comment: "Should Basin Management Activities be generally identified here?"	
2/24/2025	Joe Zoba	1	1.1 (b)	Definitions	Add ", or as amended in the future." to the last sentence.	
9/18/2025	BCWWD	1	1.1 (c)	Definitions	"Does this include recycled water?"	
11/10/2025	Joe Zoba	1	1.1 (c)	Definitions	Remove "including, but not limited to, capture of available stream flow and rising groundwater" from definition.	
2/24/2025	Jennifer Ares	1	1.1 (c)	Definitions	Add "new" to the following sentence: "New Yield Water' means water derived from an increase in yield in quantities greater than historical amounts from sources of supply including, but not limited to, capture of new available stream flow and rising groundwater..."	
2/24/2025	Jennifer Ares	1	1.1 (c)	Definitions	"ASR recharge?"	
9/18/2025	BCWWD	1	1.1 (d)	Definitions	"Should successors in interest be included here?"	
11/10/2025	Joe Zoba	1	1.1 (d)	Definitions	Comment: "Party' is defined in the Judgment so it doesn't need to be repeated in the Rules and Regulations."	
11/10/2025	Joe Zoba	1	1.1 (e)	Definitions	Comment: "Producer' and 'Pumper' are defined in the Judgment so it doesn't need to be repeated in the Rules and Regulations."	
2/24/2025	Joe Zoba	1	1.1 (f)	Definitions	Recommend deleting, "Salt Credits may be used by Appropriators to facilitate implementation of the Integrated Regional Water Management Program for the San Timoteo Watershed (Wildermuth, 2005) and as an offset against potential impacts associated with discrete projects. This does not preclude development of Salt credits by Appropriators implementing projects through agreements with their users."	
9/18/2025	BCWWD	1	1.1 (f)	Definitions	"What about Salt Debts?"	
9/18/2025	BCWWD	1	1.1 (g)	Definitions	Add "or lost" to sentence, "A Storage Account is assessed annually and includes water gained or lost as a share of an Appropriator's Operating yield..." Added section to account for total balance.	
9/18/2025	BCWWD	1	1.1 (g)	Definitions	In last sentence, exchange the word "pumped" with "extracted"?	
9/18/2025	BCWWD	1	1.1 (h)	Definitions	1st Comment: "How are losses accounted for?" 2nd Comment: "minus any losses?" referring to the "recapture the same Stored Water".	
11/10/2025	Joe Zoba	1	1.1 (i)	Definitions	Comment: "'Stored Water' is defined in the Judgment so it doesn't need to be repeated in the Rules and Regulations."	
11/10/2025	Joe Zoba	1	1.1 (i)	Definitions	Comment: "'Supplemental Water' is defined in the Judgment so it doesn't need to be repeated in the Rules and Regulations."	

Comments on Proposed Revisions to the Beaumont Basin Watermaster Rules and Regulations

Date Comments Received	Commentator	Page	Section Number	Section Title	Comment	Response to Comment / Notes
9/18/2025	BCWWD	1	1.1 (j)	Definitions	1st Comment: "May be interpreted as similar to New Yield Water, refine descriptions as necessary for clarity" referring to "Supplemental Water" means water imported into the Beaumont Basin from outside the Beaumont Basin including, without limitation, water diverted from creeks upstream and tributary to Beaumont Basin and water which is recycled and useable within the Beaumont Basin." 2nd Comment: "Clarify what this includes: recharge and/or recycled water, irrigation return flows"	
2/24/2025	Joe Zoba	2	1.1 (j)	Definitions	Added "Supplemental Water" throughout document where "Supplemental" is shown and referring to Supplemental Water.	
2/24/2025	Joe Zoba	2	1.1 (k)	Definitions	Add "and an alternate member pursuant to Section 2.14" to the sentence, " <del>Watermaster and</del> Watermaster Committee" means the 5-member committee of the Beaumont Basin Watermaster composed of persons nominated by the City of Banning, the City of Beaumont, the Beaumont-Cherry Valley Water District, the South Mesa Mutual Water Company and the Yucaipa Valley Water District, each of whom shall have the right to nominate one representative <i>and alternate as provided in Section 2.14</i> who shall be an employee of or consultant to the nominating agency."	
2/24/2025	Jennifer Ares	2	1.1	Definitions	Add definition for "Recapture"	
2/24/2025	Jennifer Ares	3	2.3	Quorum	Revise sentence to read, "A majority of the 5-member board, which is 3 members, acting as the Watermaster shall constitute a quorum for the transaction of business."	
2/24/2025	Jennifer Ares	3	2.4	Voting Procedures	Add, "per Brown Act procedures," to the end of the sentence.	
9/18/2025	BCWWD	4	2.7	Investment of Funds	Add to final sentence, ", or as updated from time to time by Watermaster Resolution."	
2/24/2025	Jennifer Ares	4	2.9	Contracts	Revise to read, "The Watermaster may enter into contracts and agreements for the performance of any of its powers pursuant to the Judgement and Rules & Regulations."	
11/10/2025	Joe Zoba	4	2.10	Budgets	Remove "The Watermaster shall hold a public hearing on such budget prior to adoption."	
11/10/2025	Joe Zoba	4	2.10	Budgets	Addition [in italics] to following sentence: "The adopted budget shall be funded in the upcoming fiscal year through assessments made pursuant to the Judgement or upon approval of expenses throughout the year."	
9/18/2025	BCWWD	5	2.11 (a)	Assessments	Add "(Declaration and Adjustment of Rights)" to end of final sentence.	
11/10/2025	Joe Zoba	5	2.11 (a)	Assessments	Remove "Replenishment assessments shall be collected not later than April 1 of each subsequent year."	
9/18/2025	BCWWD	5	2.11 (c)	Assessments	Edit sentence to read, "This may be accomplished through the identification and implementation of Special Project Committees and approved by the Watermaster." Italicised words are suggested additions to the sentence.	
2/24/2025	Jennifer Ares	5	2.11 (c)	Special Project Assessments	Revise first sentence to read, "Special Project Assessments will be levied to cover special project expenses including: special engineering, economic or other studies, litigation expenses against the Watermaster, meter testing...."	

Comments on Proposed Revisions to the Beaumont Basin Watermaster Rules and Regulations

Date Comments Received	Commentator	Page	Section Number	Section Title	Comment	Response to Comment / Notes
9/18/2025	BCWWD	5	2.11 (d)	Assessments	Comment: "Consider identifying who on the Watermaster is responsible for issuing the invoice (position of responsible member (e.g., Treasurer or Board Secretary))."	
9/18/2025	BCWWD	6	2.11 (f)	Assessments	Comment: "Consider 'and Debts' added to 'Salt Credits'."	
9/18/2025	BCWWD	6	2.13	Notice and Waiver of Notice	1st Comment: "Are both of these references intended to define parties named in the Judgement, if yes consider clarifying and possibly adding" or the Parties successor in interest." 2nd Comment: "Consider 'The Public' to replace 'any Person' in the final sentence of the paragraph."	
2/24/2025	Jennifer Ares	6	2.13	Notice and Waiver of Notice	Question: "Approved by a judge?"	
2/24/2025	Jennifer Ares	6	2.14	Watermaster Alternates	Add language to note that alternates need to be approved by a judge.	
2/24/2025	Joe Zoba	7	2.14	Watermaster Alternates	Comment, "See VI.4 of the Judgement to include consultants."	
9/18/2025	BCWWD	7	2.14	Watermaster Alternates	With reference to the last sentence, "Consider if this should be modified to include language parallel to language set forth on page 12, lines 9-17. Consider if this should further refine that all alternates require court approval/appointment."	
3/5/2025	Jaggers	8	3.1	Measuring Devices		Meters - Section 3.1 of R&R; meter maintenance shall be maintained by the Watermaster - alternative language suggested would require the Watermaster to validate the calibration and accuracy of flow meters. 2-step approach: 1) rely on the watermaster members to maintain their measuring devices, and 2) develop a process to encourage member agencies to maintain and calibrate their measuring devices.
9/18/2025	BCWWD	8	3.1 (a)	Measuring Devices	Under New Wells, Overlyer Wells, "Consider should this be expanded to define meter calibration and frequency of calibration responsibilities and coordination with overlyer operations?"	
9/18/2025	BCWWD	8	3.1 (b)	Measuring Devices	For meter maintenance, revise to read that meter maintenance is at the expense of each appropriator for their wells and collectively/proportionately for overlyer (or other) wells.	
9/18/2025	BCWWD	9	3.3.1 (2)	Communication and Planning	Comment: "Consider if this should require written authorization only which must be memorialized in the Watermaster files."	
2/24/2025	Jennifer Ares	11	3.3.2.2 (4)	New Wells	Revise to read, "Reference points shall be surveyed by a California licensed surveyor per the details included in Section 3.3.2.1 (3)."	
2/24/2025	Joe Zoba	13	3.3.5.3 (a)	Manual Groundwater Level Measurements	Add, "or equivalent" following "Alconox solution" in the text.	
2/12/2025	Art Vela	18	4.0	Safe Yield and Storage Accounts	Comment: "I didn't see a definition for Annualized Safe Yield below. Is this supposed to replace Operating Safe Yield in 4.2.1.a? General Comment: Please confirm all capitalized references have a definition."	Addressed at 3/5/25 BBWM meeting. The definition of the Annualized Safe Yield shall be included in the Rules and Regulations.

Comments on Proposed Revisions to the Beaumont Basin Watermaster Rules and Regulations

Date Comments Received	Commentator	Page	Section Number	Section Title	Comment	Response to Comment / Notes
9/19/2025	David Armstrong	18	4.0	Annualized Safe Yield	Recommend deleting, "The Annualized Safe Yield of the Beaumont Basin shall be redetermined annually by the Watermaster <del>based on an estimated annual change in storage; the estimated volume of natural recharge; and annual groundwater production from the Basin.</del> "	
11/10/2025	Joe Zoba	18	4.0	Annualized Safe Yield	Recommend addition [in italics]: "The Annualized Safe Yield of the Beaumont Basin shall be redetermined annually by the Watermaster based on an estimated annual change in storage, the estimated volume of natural recharge, <i>the annual recharge of supplemental water and new yield</i> , and annual groundwater production from the Basin."	
11/10/2025	Joe Zoba	18	4.2	Storage Accounts	Replace paragraph with "Storage Accounts are documents to report the quantity of water held in storage and available for recapture by an Appropriator or Storage Party. Each Storage Account is evaluated annually and reflects the total water gained through an Appropriator's Operating Yield, water acquired by transfer, addition of Supplemental Water and New Yield, less the volume of water pumped or transferred to another Party."	
2/24/2025	Joe Zoba	18	4.2.1	Storage Accounts: Definitions	Comment: "Add the definition of Overlying-Appropriative Water Right represents the volume of Overlying Water Rights transferred to an Appropriator and adjusted based on the redetermination of safe yield."	Discussed at 3/5/25 BBWM meeting and confirmed as a method to track water that has been obtained by an appropriator when an overlying party transfers water to an appropriator. No further discussion by Committee members.
11/10/2025	Joe Zoba	18	4.2.1	Storage Accounts: Definitions	Comment: "Consider incorporating section 4.2.1 into Section 1.1 with the other definitions."	
11/10/2025	Joe Zoba	18	4.2.1	Storage Accounts: Definitions	Add definition: "(e) Overlying/Appropriative Water Right represents an Appropriators share of Overlying Water Rights transferred by an Overlying to an Appropriator."	
9/18/2025	BCWWD	19	4.2.2	Temporary Surplus	Revise last sentence to read, "Column 5 of Exhibit C of the Judgement provides a breakdown of the annual Appropriator allocations of the <i>remaining unused Safe Yield as well as the Temporary Surplus.</i> " Added language in italics.	
2/24/2025	Joe Zoba	19	4.2.4	NEW SECTION: Depletion of a Storage Account	Propose new section: "4.2.4 Depletion of a Storage Account - In the event a Storage Account is depleted and it is determined that less than zero acre feet of water is available at the end of the calendar year, the Watermaster shall levy an assessment equal to 1.5 times the then current supplemental water purchase charge for the San Geronio Pass Water Agency multiplied by each acre foot of water depleted from a Storage Account. The Annual Replenishment Assessment funds received by the Watermaster shall be divided equally and credited to each Appropriator, up to the amount of water in their Storage Account, as the annual rental for the temporary use of water to provide sufficient supplies to replace the overproduction by a Party to the Judgement (Judgement Section VI.5.N(1)). The Annual Replenishment Assessments by the Watermaster for any Overproduction by a Party to the Judgement will continue until the Storage Account is determined to be greater than zero acre feet at the end of the calendar year."	Discussed at 3/5/25 BBWM meeting. Goal is to keep the appropriators out in front of this issue so it doesn't need to be triggered. No provision in Judgement when a storage account goes negative, and so whose water is being used when an appropriator goes negative in their storage account. The Judgement only includes a provision that when an appropriator extracts more than their appropriate water right then they pay a replenishment fee. Mr. Vela stated that this is an important topic that needs to be addressed in specific discussions and efforts to develop an equitable and comprehensive provision to address the issue of negative storage accounts. Request by Committee to address this issue before incorporating a new section in the R&R.
2/24/2025	Joe Zoba	20	4.3	Losses or Spills from the Basin	Comment reads, "Basin Water - Maybe we should add a definition to specifically state what Basin Water is as a term of art. I think Overlying Water Rights and Overlying-Appropriative Water Rights should be included in the definition of Basin Water."	

Comments on Proposed Revisions to the Beaumont Basin Watermaster Rules and Regulations

Date Comments Received	Commentator	Page	Section Number	Section Title	Comment	Response to Comment / Notes
2/24/2025	Joe Zoba	21	5.0	Recharge of Supplemental Water and New Yield Water	Add "Water" following "Supplemental" in "Add Supplemental and New Yield Water..."	
9/18/2025	BCWWD	21	5.0 (a)	Recharge of Supplemental Water and New Yield Water	Consider "account for" in lieu of "calculate".	
2/24/2025	Joe Zoba	21	5.0 (a)	Recharge of Supplemental Water and New Yield Water	Comment reads, "Will a safe yield loss really be calculated annually, or does this only occur with the redetermination of safe yield?"	
2/24/2025	Joe Zoba	21	5.0 (b)	Recharge of Supplemental Water and New Yield Water	Delete "publicly owned" from first sentence.	
9/18/2025	BCWWD	21	5.0 (e)	Recharge of Supplemental Water and New Yield Water	Consider changing "persons" to "Parties".	
9/19/2025	David Armstrong	21	5.0 (e)	Recharge of Supplemental Water and New Yield Water	Revise to read, "The Watermaster may arrange, facilitate and provide for recharge by entering into contracts with appropriate persons, who may provide facilities and operations for the physical recharge of Supplemental and New Yield Water."	
2/24/2025	Joe Zoba	21	5.1	Sources of Supplemental Water	Add "Title 22 Recycled Water approved by the Regional Water Quality Control Board"	
9/18/2025	BCWWD	21	5.1 (a)	Sources of Supplemental Water	Consider the following edit: "Maximum beneficial use of recycled water, which shall be given a high priority by the Watermaster,"	
9/19/2025	David Armstrong	22	5.1 (a)	Sources of Supplemental Water	Comment: "Delete 'high priority'".	
2/24/2025	Joe Zoba	21	5.1 (d)	Sources of Supplemental Water	Replace "Metropolitan Water District" with "San Gorgonio Pass Water Agency"	
11/10/2025	Joe Zoba	21	5.1 (d)	Sources of Supplemental Water	Recommend deleting, "Available supplies of Metropolitan Water District;"	
2/24/2025	Joe Zoba	22	5.2	Method of Replenishment of Supplemental Water	Comment reads, "Can this section be rewritten as a single paragraph instead of as an outline?"	

Comments on Proposed Revisions to the Beaumont Basin Watermaster Rules and Regulations

Date Comments Received	Commentator	Page	Section Number	Section Title	Comment	Response to Comment / Notes
9/18/2025	BCWWD	22	5.2	Method of Replenishment of Supplemental Water	Revise sentence to read, "The Watermaster may accomplish replenishment by <del>any</del> reasonable method approved by said Watermaster and that meets the Beaumont Basin groundwater objectives, including:..." Added language in italics.	
9/19/2025	David Armstrong	22	5.2 (a)	Method of Replenishment of Supplemental Water	Add to end of sentence, "in accordance with the requirements of current Section 5.1."	
2/12/2025	Art Vela	22	5.3	New Yield	Comment: "I want to make sure that we are clear that not all storm water capture facilities increase the amount of recharge above the natural recharge in a stream system. In some instances, yes it may. I want to make sure that everyone is comfortable that this language identifies this fact."	
2/24/2025	Jennifer Ares	22	5.3	New Yield	Do return flows constitute supplemental water and/or new yield?	Discussed at 3/5/25 BBWM meeting. Need to develop a methodology for calculating return flows and how we account for it over time. How should return flow be categorized - it's not supplemental water (derived from outside the basin) nor is it new yield (project generated capture of water that increases the yield)? Return flows are incorporated in the numerical model and used to redetermine the safe yield, which is then allocated to the overliers. Need to investigate and potentially determine a methodology for allocating return flows to the appropriators.
11/10/2025	Joe Zoba	22	5.3 (a)	New Yield	Recommend deleting "including, but not limited to, the increases capture of rising water, increased capture of available stream flow, and other management activities" from first sentence.	
9/18/2025	BCWWD	22	5.3 (b)	New Yield	2nd part, comment: "define "locally" e.g., within basin boundaries or within basin boundary vicinity or?"	
9/18/2025	BCWWD	25	6.3	Contents of Application for Groundwater Storage Agreements	Comment: "Consider adding 'identification of potential impacts to existing Appropriator and/or Overlyer operations and existing and planned (e.g., Masterplanned) facilities.'" to list of contents in application.	
9/18/2025	BCWWD	25	6.4.1	Supporting Documentation for Groundwater Storage Agreements	Comment on first paragraph: "There should be a consideration of changes to water quality over time & notification to Watermaster when encountered."	
9/18/2025	BCWWD	25	6.4.2	Application to Recapture Water in Storage	Revise first sentence to read, "Recapture of Supplemental and New Yield Water will generally be approved by the Watermaster via an Application to Recapture Water in Storage (Watermaster Form 4), or subsequent amendment to application."	

Comments on Proposed Revisions to the Beaumont Basin Watermaster Rules and Regulations

Date Comments Received	Commentator	Page	Section Number	Section Title	Comment	Response to Comment / Notes
9/18/2025	BCWWD	25	6.5	Notice of Pending Applications	Revise paragraph to read, "Upon receipt of a Groundwater Storage Agreement application and supporting applications to the Watermaster, the Watermaster shall prepare a written summary and analysis of each such application. The application along with the written summary and analysis shall be distributed to the Appropriators, Over/liers, and Applicant and any other interested Parties not less than 21 days prior to the date when the Watermaster is scheduled to consider and take action on the pending application. The cost of the written summary and analysis of each such application and reproduction and distribution of identified communications shall be borne by the applicant.	
9/18/2025	BCWWD	25	6.5	Notice of Pending Applications	Comment: "Refine who on the Watermaster Committee is responsible for-1) generating the bill, 2) receiving payment, and 3) where such costs and received funds are accounted for (e.g., report out) at Watermaster meeting.	
9/18/2025	BCWWD	25	6.6	Watermaster Investigations of Applications	Revise 2nd sentence to read, "Any party to the proceeding may be requested to confer and cooperate with the Watermaster Committee members, staff, and consultants, and to..."	
2/24/2025	Joe Zoba	27	6.8	Groundwater Storage Agreements	Insert ", injection" in the following sentence: "...and confirmation of the Watermaster's right to inspect the recharge, injection and/or recapture facilities maintained and operated by the Storage Party."	
2/24/2025	Joe Zoba	28	7.1	Overlying Water Rights and Redetermination of the Safe Yield	Revise the 2nd paragraph to read, "If an Overlying Party has previously transferred a portion of or all of its Overlying Water Right to an Appropriator, then the Overlying Water Right will be adjusted accordingly by subtracting the transferred amount (Overlying-Appropriative Right) from the modified Overlying Water Right. If the modified Overlying Water Right is less than the amount previously transferred to an Appropriator, then the amount of the Overlying Water Right, if any, and Overlying-Appropriative Right will be reduced proportionally."	
11/10/2025	Joe Zoba	28	7.1	Overlying Water Rights and Redetermination of the Safe Yield	Revise 2nd paragraph to read, "If an Overlying Party has previously transferred a portion of or all of its Overlying Water Right to an Appropriator, then the Overlying Water Right will be adjusted accordingly by subtracting the transferred amount (Overlying-Appropriative Right) from the modified Overlying Water Right. If the modified Overlying Water Right is less than the amount previously transferred to an Appropriator, then the amount of the Overlying Water Right, if any, and Overlying-Appropriative Right will be reduced proportionally between the Overlying Party and Appropriator based on the percentage of Overlying Water Rights transferred to the Appropriator."	
2/24/2025	Joe Zoba	28	7.1	Overlying Water Rights and Redetermination of the Safe Yield	Revise the first sentence of the 4th paragraph to read, "After the Overlying Parties and Overlying-Appropriative Parties comments are reviewed, the Watermaster shall consider approving the redetermined Safe Yield at a Watermaster Regular Meeting."	

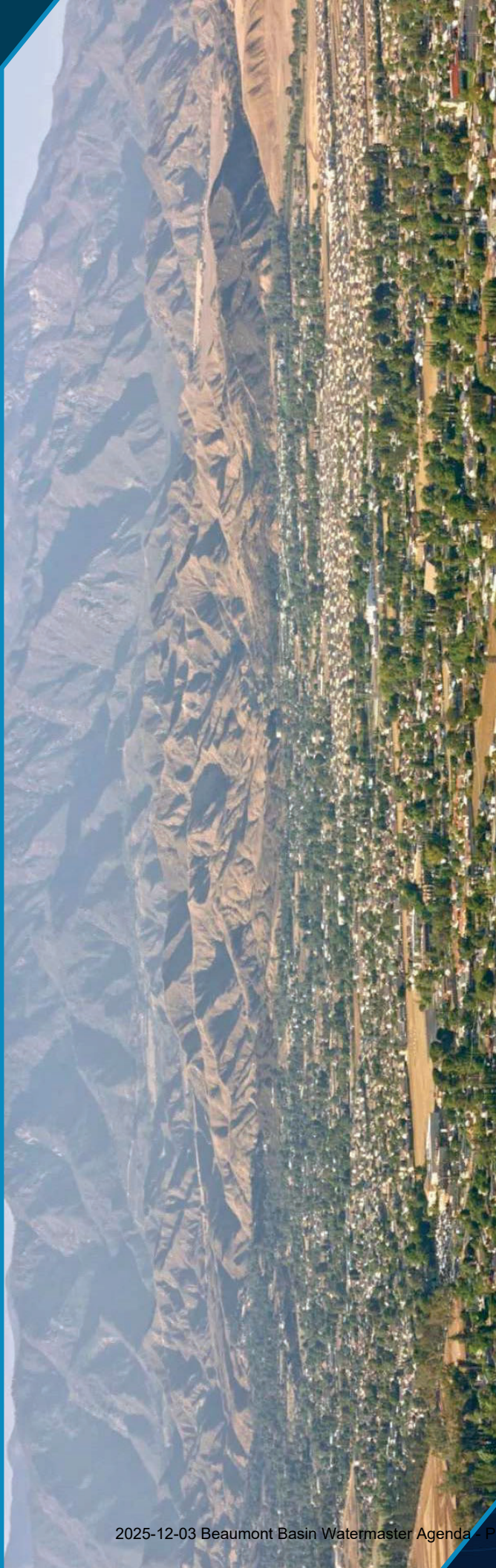
Comments on Proposed Revisions to the Beaumont Basin Watermaster Rules and Regulations

Date Comments Received	Commentator	Page	Section Number	Section Title	Comment	Response to Comment / Notes
2/24/2025	Joe Zoba	28	7.1	Overlying Water Rights and Redetermination of the Safe Yield	Revise the first sentence of the 3rd paragraph to read, "A draft of the <i>redetermination of safe yield</i> technical report shall be <i>presented to the Overlying Parties and Overlying-Appropriative Parties</i> to review and provide comments."	
11/10/2025	Joe Zoba	28	7.1	Overlying Water Rights and Redetermination of the Safe Yield	Revise first sentence of 4th paragraph to read, "After the Overlying Parties comments are addressed <del>and incorporated into the 10-year Redetermination of the Safe Yield technical report</del> , the Watermaster shall..."	
2/24/2025	Joe Zoba	29	7.2	Adjustment of Overlying Water Rights	Comment in 2nd paragraph: "What is paragraph 7(a)?"	
2/24/2025	Joe Zoba	29	7.2	Adjustment of Overlying Water Rights	Revise the 2nd sentence of the 2nd paragraph to read, "The Appropriator Party providing such service shall have the right to produce the volume of water foregone <i>by the Overlying Party as an Overlying-Appropriative Right</i> , in addition to other rights otherwise allocated to the Appropriator Party."	
2/24/2025	Joe Zoba	29	7.2	Adjustment of Overlying Water Rights	Delete "portable" from the first sentence in the 3rd paragraph.	
9/18/2025	BCWWD	29	7.2	Adjustment of Overlying Water Rights	Comment referring to last paragraph: "Why restate judgement language here, consider deleting."	
2/12/2025	Art Vela	30	7.3 (b)	Notice of Adjustments of Rights from an Overlying Party to an Appropriator	Comment: "This information would likely be available after the submittal of Form 5. Is this an estimated amount or is supplemental information as listed in (c)."	
2/24/2025	Joe Zoba	30	7.4	Accounting of Transfers	Delete "as appropriate" from last sentence in paragraph.	
2/24/2025	Joe Zoba	30	7.5	Transfer of Water Between Appropriators	Add "prior to the transfer taking place." to the end of the 2nd sentence in the paragraph.	
2/24/2025	Joe Zoba	32	8.1	Potential Conflict	Delete Section 8.1.	
9/18/2025	BCWWD	32	8.3	Groundwater Storage Agreement with San Geronimo Pass Water Agency	Add to the first sentence, "The Watermaster accepted the Agency's Groundwater Storage Agreement application in February 2018 (Watermaster Resolution 2018-01, <i>or as amended in the future</i> )." New language in italics.	
11/10/2025	Joe Zoba	36	10.1	Approved Forms	Recommend deleting "g) Water Level Field Form" from list.	
2/12/2025	Art Vela	Form 1		Application for Groundwater Storage Agreement	Comment on Applicant's Signature: "Should this be a board member signature of proof that signer has been given the authority by board?"	

Comments on Proposed Revisions to the Beaumont Basin Watermaster Rules and Regulations

Date Comments Received	Commentator	Page	Section Number	Section Title	Comment	Response to Comment / Notes
2/12/2025	Art Vela	Form 2		Groundwater Storage Agreement # _____	Comment on Storage Party: "Should we require proof of signature authority or include attorney signature as well?"	
2/12/2025	Art Vela	Form 5		Notice to Adjust Rights of an Overlying Party Due to Proposed Provision of Water Service by an Appropriator	Comment: "Should we list out the additional information required as listed in the Rules /Regs Section 7.3?"	
2/12/2025	Art Vela	Form 7		Transfer of Appropriator Production Right or Operating Yield Between Appropriators	Comment: "Should we require proof of signature authority (e.g. minutes of board action)?"	
2/12/2025	Art Vela	Form 8		Transfer of Right to Recapture Water in Storage Between Appropriators	Comment: "Should a proof of board action from each agency involved be included?"	

**DUDEK**



# Summary of Overlying Water Rights

- Beaumont Basin Watermaster Regular Meeting
- Presentation by Steven Stuart, PE

October 2, 2024

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## Clarification on Proposed Revisions

- Salt Credits
  - Recommendation to delete definition (J. Zoba)
  - Add "Salt Debts" to definition? (BCVWD)
- Stored Water
  - Defined in Judgement as "Supplemental Water stored in the Beaumont Basin pursuant to Groundwater Storage Agreement with the Watermaster."
  - Supplemental Water defined as water imported into Beaumont Basin from outside the Basin including water diverted by creeks upstream and tributary to the Basin and water which is recycled and useable within the Basin.
  - Revision includes "New Yield Water" in addition to Supplemental Water.
  - New Yield Water represents increases in yield > historical amounts including capture of available storm flow by projects after Feb. 2003

## Clarification on Proposed Revisions

- Assessments (Section 2.11 (d))
  - Who on Watermaster is responsible for issuing invoices?
- Notice of Pending Applications
  - "The cost of the written summary and analysis of each such application shall be borne by the applicant."
  - Who on Watermaster is responsible for 1) generating the bill, 2) receiving payment, 3) accounting of received funds?
- Annualized Safe Yield Assessments
  - "The Annualized Safe Yield of the Beaumont Basin shall be redetermined annually by the Watermaster based on an estimated annual change in storage, the estimated volume of natural recharge, the annual recharge of supplemental water and new yield, and annual groundwater production from the Basin."
  - Or delete underlined section.



## Clarification on Proposed Revisions

- Overlying Water Rights and Redetermination of Safe Yield
  - "If an Overlying Party has previously transferred a portion of or all of its Overlying Water Right to an Appropriator, then the Overlying Water Right will be adjusted proportionally between the Overlying Party and Appropriator based on the percentage of Overlying Water Rights transferred to the Appropriator."

Overlying Party	Average Production during 1997-2001 (AFY) <sup>a</sup>	Exercised Rights (AFY) <sup>a</sup>	Projected Maximum Production (AFY) <sup>a</sup>	Overlying Water Right Allocation (% of Projected Maximum Production)	Overlying Water Rights/Transfers in 2006
Beckman, Walt <sup>1</sup>	0	0	75	0.87%	75
Roman Catholic Bishop of San Bernardino <sup>1</sup>	104	114	154	1.78%	154
Rancho Calimesa Mobile Home Park <sup>1</sup>	60	150	150	1.73%	150
Riedman, Fred L. and Richard M. <sup>1</sup>	540	550	550	6.36%	550
Sunny-Cal Egg & Poultry Company <sup>1</sup>	1,340	1,340	1,784	20.62%	1,439.5
California Oak Valley Golf and Resort LLC <sup>1</sup>	692	950	950	10.98%	950
Leonard Stearn <sup>1</sup>	0	0	200	2.31%	200
Oak Valley Partners <sup>1,8,9</sup>	510	553	1,806	20.88%	1,806
So. California Professional Golf Association <sup>1</sup>	680	1,688	2,200	25.43%	2,200
Sharondale Mesa Owners Association <sup>1</sup>	184	200	200	2.31%	200
Plantation on the Lake <sup>1</sup>	271	300	581	6.72%	581
Sunny-Cal North <sup>2</sup>					300
Nick Nikodinov <sup>3</sup>					20
Ronald L. McAmis <sup>4</sup>					5
Nicolas and Amalia Aldama <sup>5</sup>					7
Hector Gutierrez <sup>6</sup>					10
Boris and Miriam Darmont <sup>7</sup>					2.5
<b>Transfers to Appropriators</b>					
YVWD <sup>9</sup>					
<b>TOTAL</b>	<b>4,381</b>	<b>5,845</b>	<b>8,650</b>	<b>100%</b>	<b>8,650</b>

Overlying Party	Overlying Water Rights/Transfers in 2006	Overlying Water Right Allocation (% of Projected Maximum Production)	Overlying Water Rights per Revised Safe Yield of 6,700 AFY in 2013	Overlying Water Right Allocation (% of Projected Maximum Production)	Overlying Water Rights per Revised Safe Yield of 7,100 AFY in 2023	Overlying Water Right Allocation (% of Projected Maximum Production)
Beckman, Walt <sup>1</sup>	75	0.87%	58.1	0.87%	61.6	0.87%
Roman Catholic Bishop of San Bernardino <sup>1</sup>	154	1.78%	119.3	1.78%	126.4	1.78%
Rancho Calimesa Mobile Home Park <sup>1</sup>	150	1.73%	116.2	1.73%	123.1	1.73%
Riedman, Fred L. and Richard M. <sup>1</sup>	550	6.36%	426.0	6.36%	451.4	6.36%
Sunny-Cal Egg & Poultry Company <sup>1</sup>	1,439.5	16.64%	1,115.0	16.64%	1,181.6	16.64%
California Oak Valley Golf and Resort LLC <sup>1</sup>	950	10.98%	735.8	10.98%	779.8	10.98%
Leonard Stearn <sup>1</sup>	200	2.31%	154.9	2.31%	164.2	2.31%
Oak Valley Partners <sup>1,8,9</sup>	1,806	20.88%	1,398.9	20.88%	1,089.9	15.35%
So. California Professional Golf Association <sup>1</sup>	2,200	25.43%	1,704.0	25.43%	1,805.8	25.43%
Sharondale Mesa Owners Association <sup>1</sup>	200	2.31%	154.9	2.31%	164.2	2.31%
Plantation on the Lake <sup>1</sup>	581	6.72%	450.0	6.72%	476.9	6.72%
Sunny-Cal North <sup>2</sup>	300	3.47%	232.4	3.47%	246.2	3.47%
Nick Nikodinov <sup>3</sup>	20	0.23%	15.5	0.23%	16.4	0.23%
Ronald L. McAmis <sup>4</sup>	5	0.06%	3.9	0.06%	4.1	0.06%
Nicolas and Amalia Aldama <sup>5</sup>	7	0.08%	5.4	0.08%	5.7	0.08%
Hector Gutierrez <sup>6</sup>	10	0.12%	7.7	0.12%	8.2	0.12%
Boris and Miriam Darmont <sup>7</sup>	2.5	0.03%	1.9	0.03%	2.1	0.03%
<b>Transfers to Appropriators</b>						
YVWD <sup>9</sup>					392.63	5.53%
<b>TOTAL</b>	<b>8,650</b>	<b>100%</b>	<b>6,700</b>	<b>100%</b>	<b>7,100</b>	<b>100%</b>

Footnotes:

<sup>a</sup> = Quantities per Exhibit B, Overlying Owners and Their Water Rights, in the Stipulated Judgement

<sup>1</sup> = Overlying Owner listed in Exhibit B of the Stipulated Judgement.

<sup>2</sup> = Designated 300 AF of Sunny-Cal Egg Poultry & Company Water Right of 1,784 AF to Sunny-Cal North per Resolution 2006-02; subsequent transfer to Beaumont-Cherry Valley Recreation and Park District per Resolution 2023-01.

<sup>3</sup> = Designated 20 AF of Sunny-Cal Egg Poultry & Company Water Right of 1,784 AF to APN 407-180-004 per Resolution 2006-04.

<sup>4</sup> = Designated 5 AF of Sunny-Cal Egg Poultry & Company Water Right of 1,784 AF to APN 407-190-018 per Resolution 2006-05.

<sup>5</sup> = Designated 7 AF of Sunny-Cal Egg Poultry & Company Water Right of 1,784 AF to APN 407-190-015 per Resolution 2006-06.

<sup>6</sup> = Designated 10 AF of Sunny-Cal Egg Poultry & Company Water Right of 1,784 AF to APN 407-190-013 per Resolution 2006-07.

<sup>7</sup> = Designated 2.5 AF of Sunny-Cal Egg Poultry & Company Water Right of 1,784 AF to APN 407-190-014 per Resolution 2006-08.

<sup>8</sup> = Designated all of 1,806 AF of Oak Valley Partners Water Right to select parcels of the Summerwind Ranch Specific Plan per Resolution 2017-02.

<sup>9</sup> = As of 2023, 478.25 AF of Overlying Water Right has been transferred to YVWD.

**BEAUMONT BASIN WATERMASTER  
MEMORANDUM NO. 25-33**

**Date:** December 3, 2025  
**From:** Steven Stuart, Dudek  
**Subject:** Discussion on Reforming Ad Hoc Committee to Develop Procurement Policy  
**Recommendation:** For Discussion Purposes Only

---

The Beaumont Basin Watermaster formed an Ad Hoc committee in 2021 to develop a procurement policy detailing the procedures for the Watermaster to purchase the services of professionals and suppliers to facilitate the duties of the Watermaster. The ad hoc committee consisted of members Dan Jagers (BCVWD) and Jeff Hart (City of Beaumont). Jeff Hart is no longer a member of the Beaumont Basin Watermaster Committee.

To maintain compliance with the Brown Act, ad hoc committees may be established at the behest of the Watermaster Committee Chair, not by formal action. Ad hoc committees are temporary advisory committees composed of less than a quorum of the Committee, serving a single purpose, and dissolve at the end of the Chair's term, or once its task is accomplished, whichever is sooner.

Recommendation is to discuss reforming the ad hoc committee to develop a Procurement Policy with current members of the Watermaster Committee. If there is agreement from the Committee members to proceed, then Dudek proposes that the Committee nominate members for and define the duties of the ad hoc committee for consideration at the February 2026 BBWM regular meeting. Dudek will assist with this effort.

**BEAUMONT BASIN WATERMASTER  
MEMORANDUM NO. 25-34**

**Date:** December 3, 2025  
**From:** Steven Stuart, Dudek  
**Subject:** Discussion on Modifying the Frequency of BBWM Regular Meetings  
**Recommendation:** Direct staff as desired

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A comment by Joe Zoba on the proposed revisions to the Rules and Regulations suggested the Committee discuss changing the frequency of regular Watermaster meetings from every even numbered month to quarterly. An initial proposal is to conduct the regular meetings on the first Wednesday of the last month of every quarter (e.g., March, June, September, and December). Modifying the frequency of regular meetings will require a revision to Section 2.2, Meetings of the Watermaster, in the Rules and Regulations.

If there is consensus by the Watermaster Committee to proceed with modifying the frequency of regular meetings, then Dudek will develop a draft resolution documenting a change in the frequency of regular meetings for the Watermaster Committee to consider for adoption at the February 2026 meeting. If a resolution to modify the frequency of Watermaster Committee regular meetings is adopted at the February 2026 meeting (or any subsequent meeting), then Section 2.2 of the Rules and Regulations will be modified accordingly.

**BEAUMONT BASIN WATERMASTER  
MEMORANDUM NO. 25-35**

**Date:** December 3, 2025

**From:** Steven Stuart, Dudek

**Subject:** Consideration to Retain Dudek to Provide Professional Administrative and Technical Support Services to the Beaumont Basin Watermaster in Calendar Year 2026

**Recommendation:** That the Watermaster Committee extend the contract with Dudek for Professional Administrative and Technical Support Services for the 2026 calendar year for a sum of \$84,240 and send invoices to each Watermaster Committee member for 20% of the approved amount.

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The Beaumont Basin Watermaster Committee (“Committee”) entered into a Professional Services Agreement on June 13, 2022 with Dudek to provide professional administrative and technical support services to assist with the overall operation of the Beaumont Basin Watermaster. This proposal presents a scope of work and fee for Dudek to continue providing professional administrative and technical support services to the Beaumont Basin Watermaster in the 2026 calendar year. The fee includes labor hours and expenses for Mr. Stuart to attend up to six (6) regular BBWM Committee meetings and up to four (4) BBWM special meetings. The fee is for time and materials not-to-exceed \$84,240.

At this meeting, the Watermaster Committee will discuss the content of the proposal and consider extending the contract with Dudek to provide professional administrative and technical support services in the 2026 calendar year.

## VII-E Attachment 1

December 3, 2025

Dan Jagers, General Manager  
c/o Beaumont-Cherry Valley Water District  
560 Magnolia Ave.  
Beaumont, California 92223

**Subject: Proposal to Provide Administrative Services to the Beaumont Basin Watermaster in the 2026 Calendar Year**

Dear Dan Jagers:

The Beaumont Basin Watermaster (Watermaster) entered into a Professional Services Agreement on June 13, 2022 with Dudek to provide administrative and technical support services to the Watermaster. Per the RFP issued by the Watermaster in April 2022, the term of agreement between the Watermaster and Dudek is four years. The proposal that Dudek submitted on May 10, 2022 included a fee to provide services for the first year of the agreement. The RFP stated that “the compensation for the remaining three years shall be negotiated annually and approved by the Watermaster Committee prior to the beginning of each calendar year.” This proposal presents a scope of work and fee for Dudek to continue providing administrative and technical support services to the Watermaster in the 2026 calendar year (January 1 – December 31, 2026).

**Scope of Work** The following scope of work is based on the tasks included in the 2022 RFP and the services that Dudek provided up through the 2025 calendar year. Mr. Steven Stuart will continue acting as the Dudek project manager and will be the main point of contact between Dudek and the Watermaster. Mr. Stuart will participate in all regular Watermaster meetings scheduled in 2026 and will participate in up to four special meetings that may be requested by the Watermaster.

### **Task 1. Administration and Management.**

**Subtask 1.1 Meetings Preparations and Materials.** Mr. Stuart and supporting Dudek staff will work closely with the Watermaster and engineering consultants in preparing materials for discussion and consideration at the regularly scheduled bimonthly Watermaster meetings, plus materials for up to four special meetings in 2026. This includes preparing staff reports and preparing PowerPoint presentations to be included in meeting agendas and agenda packets. The materials and pertinent information will be packaged and provided to the Watermaster Committee to review and provide comments or suggestions approximately one week prior to the scheduled meeting. At the request of the Watermaster, Dudek will present information and discussion items at the Watermaster meetings and assist the Watermaster in being compliant with the Brown Act during all publicly held meetings.

**Subtask 1.2. Data Collection and Coordination.** Dudek will seamlessly coordinate the collection and transfer of the data collected in the Beaumont Groundwater Management Zone for the Maximum Benefits Monitoring Program (MBMP) to the consultant responsible for the preparation of the annual reports for the Beaumont Watermaster. Dudek will also coordinate the collection and compilation of data on the importation of SWP water and use of imported water for recharge purposes within the Basin with SGPWA. Dudek will work closely with the Watermaster

and engineering consultant to provide quality assurance of all data collected in the Basin and oversee the transfer and use of data to accurately characterize conditions in the Basin.

This task includes labor hours and the annual subscription fees to continue using the ESRI ArcGIS Online services for the Beaumont Watermaster Data Management System (DMS). Matt Palavido, Dudek’s Technology Specialist II, will provide oversight and maintenance of the DMS. Mr. Palavido’s services may include corresponding with the Watermaster Committee members regarding data access, input and output services via the DMS.

**Subtask 1.3. Coordination with Watermaster Secretary and Treasurer.** Dudek will provide support to the Watermaster Secretary in preparing and maintaining the official records of the Watermaster and will provide general assistance to the Secretary to ensure that all reporting obligations are met in a timely manner. Dudek will assist the Watermaster Treasurer to prepare monthly financial reports for presentation to the Watermaster and the development of budget information and preparation for an audit of the Watermaster.

**Subtask 1.4. Management of Contracts.** Dudek will provide support in managing contracts and storage agreements entered into by the Watermaster and other entities and will assist the Watermaster in drafting and reviewing contracts, storage applications and agreements, and negotiations with other parties. Dudek, at the request of the Watermaster, will provide comments and suggested edits to draft documents and assist the Watermaster and General Counsel in finalizing documents for execution.

**Subtask 1.5. Regional Water Management Coordination.** Mr. Stuart brings his experiences and knowledge of the region from managing the development and implementation of the Yucaipa GSP and the MBMP; his well-established working relationships with members of the Beaumont Watermaster, including YVWD, South Mesa, and SGPWA during the development of the Yucaipa GSP; and his working relationships with the City of Banning and Beaumont Cherry Valley Water District during the development of the annual MBMP reports and municipal water supply well projects. Mr. Stuart and the Dudek team look forward to continuing our working relationship with SGPWA and the Yucaipa GSA and engaging with the San Gorgonio Pass GSA to coordinate efforts with the Beaumont Watermaster in successfully managing the Basin.

**Subtask 1.6. Strategic Planning, Grant Support and Public Outreach.** The successful management of a groundwater basin in Southern California, particularly during a prolonged and severe drought, requires coordination and collaboration among all groundwater users to accurately measure and record groundwater production, water levels, and the use of supplemental water to characterize and understand conditions in a groundwater basin. With this information, and engagement with the community and other stakeholders, the Beaumont Watermaster may proceed with strategic planning for the use and replenishment of the Basin to facilitate the long-term reliable supply of clean groundwater.

Mr. Stuart will work closely with the Beaumont Watermaster to strategize and develop effective plans to enhance management of the Basin. As part of this process, Dudek will assist the Watermaster in preparing Requests for Proposals and other supporting materials and documents seeking the services of professional consultants to help implement the programs and/or projects that would benefit the Basin.

**Fee for Task 1.....\$57,000**

**Task 2. Meeting Attendance.** The Dudek Project Manager, Steven Stuart, will attend up to six regularly scheduled Beaumont Watermaster Committee meetings and up to four special meetings, if requested, in the 2026 calendar year. Mr. Stuart’s participation at the meetings will follow in support of the meeting materials prepared by Dudek

per Task 1 to inform and/or update the Watermaster Committee on conditions, policies, and management actions pertaining to the Beaumont Basin.

**Fee for Task 2.....\$27,240**

**Task 3. Miscellaneous Special Projects.** The Dudek team is qualified to assist the Beaumont Watermaster with special projects and additional services that the Watermaster may request Dudek to provide. If, for any reason, Dudek cannot meet the requests of the Watermaster with in-house staff, then Dudek will coordinate with outside subconsultants to provide the required services to complete the task. Dudek will coordinate with the Watermaster on the assignment(s) and goals of a particular special project or task and submit a specific proposed scope of work and fee for the Watermaster to review and consider for authorization.

**Fee for Task 3.....TBD**

**Fee Summary**

The fee presented in this proposal will be charged on a time and materials basis in accordance with Dudek’s 2026 Standard Schedule of Charges. The time and materials fee provided in this proposal represents an estimate of the anticipated level of effort required to complete the tasks described in the proposal. Should the actual effort required to complete the tasks be less than anticipated, the amount billed will be less than the total fee. Conversely, should the actual effort to complete the proposed tasks be greater than anticipated, additional fee authorizations will be requested. No work in excess of the proposed fee or outside of the proposed scope of work will be performed without written authorization from the Watermaster.


**TOTAL FEE .....\$84,240.00**


Dudek appreciates the opportunity to present this proposal to provide administrative and technical support services to the Watermaster for the 2026 calendar year. We look forward to continuing our working relationship with the Watermaster.

If you have any questions regarding this proposal, please call me at 760-415-9079 or email me at [sstuart@dudek.com](mailto:sstuart@dudek.com).

Joseph Monaco, President and CEO, is authorized by Dudek to contractually obligate Dudek. His signature certifies that Dudek will comply with the nondiscrimination requirements of the State and Federal Government.

Sincerely,

  
\_\_\_\_\_  
**Joseph Monaco, AICP**  
President/CEO

  
\_\_\_\_\_  
**Steven Stuart, PE**  
Principal Hydrogeologist /  
Project Manager

*Joe Monaco is authorized to sign on behalf of Dudek.*

## Beaumont Basin Watermaster

Administrative and Technical Support Services Provided for the 2026 Calendar Year  
DUDEK FEE SCHEDULE

Task #	TASK	Project Team Role:			TOTAL HOURS	DUDEK LABOR COST	OTHER DIRECT COSTS <sup>1</sup>	TOTAL FEE
		Principal Hydrogeologist/ Project Manager	Sr. Hydrogeologist II	Technology Specialist II				
	Team Member:	Steven Stuart, PE	Hugh McManus, PG	Matt Palavido				
	Billable Rate :	\$330	\$255	\$245				
1.0	<b>Administration and Management</b>							
1.1	Coordinate Memorandums and Watermaster Committee Meetings	80	20		100	\$ 31,500	\$ -	
1.2	Collection and Coordination of Data	12		36	48	\$ 12,780	\$ 4,800	
1.3	Coordination with Watermaster Secretary and Treasurer	12			12	\$ 3,960	\$ -	
1.4	Management of Contracts	4			4	\$ 1,320	\$ -	
1.5	Regional Water Management Coordination	4			4	\$ 1,320	\$ -	
1.6	Strategic Development	4			4	\$ 1,320	\$ -	
	<b>Task 1.0 Sub-Total</b>					\$ -	\$ 57,000	
2.0	<b>Meeting Attendance</b>	80			80	\$ 26,400	\$ 840	
3.0	<b>Miscellaneous Special Projects</b>	TBD	TBD		TBD	\$ -	\$ -	
	<b>Total Hours and Fee</b>	<b>196</b>	<b>20</b>	<b>36</b>	<b>252</b>	<b>\$ 78,600</b>	<b>\$ 5,640</b>	
		<b>78%</b>	<b>8%</b>	<b>14%</b>	<b>100%</b>			

Percent of Hours:

1) Direct costs include transportation costs for attending meetings.

## DUDEK 2026 Standard Schedule of Charges

### Engineering Services

Project Director.....	\$350.00/hr
Principal Engineer III.....	\$330.00/hr
Principal Engineer II.....	\$310.00/hr
Principal Engineer I.....	\$300.00/hr
Program Manager.....	\$285.00/hr
Senior Project Manager.....	\$285.00/hr
Project Manager.....	\$275.00/hr
Senior Engineer III.....	\$270.00/hr
Senior Engineer II.....	\$260.00/hr
Senior Engineer I.....	\$250.00/hr
Project Engineer IV/Technician IV.....	\$240.00/hr
Project Engineer III/Technician III.....	\$230.00/hr
Project Engineer II/Technician II.....	\$215.00/hr
Project Engineer I/Technician I.....	\$200.00/hr
3D Production Manager.....	\$225.00/hr
Senior Designer II.....	\$220.00/hr
Senior Designer I.....	\$210.00/hr
Designer.....	\$195.00/hr
Assistant Designer.....	\$190.00/hr
CADD Operator III.....	\$210.00/hr
CADD Operator II.....	\$205.00/hr
CADD Operator I.....	\$165.00/hr
CADD Drafter.....	\$185.00/hr
CADD Technician.....	\$135.00/hr
Project Coordinator II.....	\$165.00/hr
Project Coordinator I.....	\$135.00/hr
Engineering Assistant.....	\$130.00/hr

### Environmental Services

Senior Project Director.....	\$375.00/hr
Project Director.....	\$350.00/hr
Senior Specialist V.....	\$290.00/hr
Senior Specialist IV.....	\$275.00/hr
Senior Specialist III.....	\$260.00/hr
Senior Specialist II.....	\$245.00/hr
Senior Specialist I.....	\$230.00/hr
Specialist V.....	\$220.00/hr
Specialist IV.....	\$205.00/hr
Specialist III.....	\$195.00/hr
Specialist II.....	\$185.00/hr
Specialist I.....	\$175.00/hr
Analyst V.....	\$165.00/hr
Analyst IV.....	\$155.00/hr
Analyst III.....	\$145.00/hr
Analyst II.....	\$135.00/hr
Analyst I.....	\$115.00/hr
Technician IV.....	\$105.00/hr
Technician III.....	\$95.00/hr
Technician II.....	\$85.00/hr
Technician I.....	\$75.00/hr
Project Coordinator II.....	\$165.00/hr
Project Coordinator I.....	\$135.00/hr

### Mapping and Surveying Services

UAS Pilot.....	\$180.00/hr
Survey Lead.....	\$310.00/hr
Survey Manager.....	\$270.00/hr
Survey Crew Chief.....	\$205.00/hr
Survey Rod Person.....	\$155.00/hr
Survey Mapping Technician.....	\$145.00/hr

### Construction Management Services

Principal Manager.....	\$225.00/hr
Senior Construction Manager.....	\$195.00/hr
Senior Project Manager.....	\$190.00/hr
Construction Manager.....	\$190.00/hr
Project Manager/Construction Management.....	\$180.00/hr
Resident Engineer.....	\$175.00/hr
Construction Engineer.....	\$180.00/hr
On-site Owner's Representative.....	\$165.00/hr
Prevailing Wage Inspector.....	\$165.00/hr
Construction Inspector.....	\$155.00/hr
Administrator/Labor Compliance.....	\$130.00/hr

### Hydrogeology/HazWaste Services

Project Director.....	\$350.00/hr
Principal Hydrogeologist/Engineer III.....	\$330.00/hr
Principal Hydrogeologist/Engineer II.....	\$320.00/hr
Principal Hydrogeologist/Engineer I.....	\$310.00/hr
Senior Hydrogeologist V/Engineer V.....	\$285.00/hr
Senior Hydrogeologist IV/Engineer IV.....	\$275.00/hr
Senior Hydrogeologist III/Engineer III.....	\$265.00/hr
Senior Hydrogeologist II/Engineer II.....	\$255.00/hr
Senior Hydrogeologist I/Engineer I.....	\$245.00/hr
Project Hydrogeologist V/Engineer V.....	\$235.00/hr
Project Hydrogeologist IV/Engineer IV.....	\$225.00/hr
Project Hydrogeologist III/Engineer III.....	\$215.00/hr
Project Hydrogeologist II/Engineer II.....	\$205.00/hr
Project Hydrogeologist I/Engineer I.....	\$195.00/hr
Hydrogeologist/Engineering Assistant.....	\$150.00/hr
HazMat Field Technician.....	\$140.00/hr

### District Management & Operations

District General Manager.....	\$225.00/hr
District Engineer.....	\$230.00/hr
Operations Manager.....	\$170.00/hr
District Secretary/Accountant.....	\$155.00/hr
Collections System Manager.....	\$155.00/hr
Grade V Operator.....	\$145.00/hr
Grade IV Operator.....	\$130.00/hr
Grade III Operator.....	\$120.00/hr
Grade II Operator.....	\$100.00/hr
Grade I Operator.....	\$95.00/hr
Operator in Training.....	\$85.00/hr
Collection Maintenance Worker.....	\$90.00/hr

### Project Delivery Services

Technology Specialist II.....	\$245.00/hr
Technology Specialist I.....	\$190.00/hr
GIS Analyst V.....	\$220.00/hr
GIS Analyst IV.....	\$200.00/hr
GIS Analyst III.....	\$185.00/hr
GIS Analyst II.....	\$145.00/hr
GIS Analyst I.....	\$130.00/hr
Creative Services IV.....	\$190.00/hr
Creative Services III.....	\$165.00/hr
Creative Services II.....	\$150.00/hr
Creative Services I.....	\$135.00/hr
Technical Editor IV.....	\$190.00/hr
Technical Editor III.....	\$165.00/hr
Technical Editor II.....	\$155.00/hr
Technical Editor I.....	\$135.00/hr
Publications Specialist IV.....	\$140.00/hr
Publications Specialist III.....	\$130.00/hr
Publications Specialist II.....	\$120.00/hr
Publications Specialist I.....	\$110.00/hr
Clerical Administration.....	\$100.00/hr

Expert Witness – Court appearances, depositions, and interrogatories as expert witness will be billed at 2.00 times normal rates.

Emergency and Holidays – Minimum charge of two hours will be billed at 1.75 times the normal rate.

Material and Outside Services – Subcontractors, rental of special equipment, special reproductions and blueprinting, outside data processing and computer services, etc., are charged at 1.15 times the direct cost.

Travel Expenses – Mileage at current IRS allowable rates. Per diem where overnight stay is involved is charged at cost

Invoices, Late Charges – All fees will be billed to Client monthly and shall be due and payable upon receipt. Invoices are delinquent if not paid within 30 days from the date of the invoice. Client agrees to pay interest at a 10% annual rate for amounts unpaid greater than 30 days after the date of the invoice.

Annual Increases – Unless identified otherwise, these standard rates will increase in line with the CPI-U for the nearest urban area per the Department of Labor Statistics to where the work is being completed) or by 3% annually, whichever is higher.

Prevailing Wage – The rates listed above assume prevailing wage rates do not apply. If this assumption is incorrect Dudek reserves the right to adjust its rates accordingly.

**BEAUMONT BASIN WATERMASTER  
MEMORANDUM NO. 25-36**

**Date:** December 3, 2025

**From:** Thomas Harder, Thomas Harder & Co.

**Subject:** Consideration of an Agreement to Retain Thomas Harder & Company to Provide Hydrogeological and Engineering Services and Preparation of the 2025 Annual Report (Task Order No. 11)

**Recommendation:** That the Watermaster Committee approves Task Order No. 11 for a sum not to exceed \$122,810.00.

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This task order is necessary to authorize TH&Co to provide technical support services to the Watermaster Committee during Calendar Year 2026.

The proposed scope of services for Task Order No. 11, consistent with previous years, provides for the preparation of the 2025 Consolidated Annual Report, estimate of the annualized Safe Yield and change in storage of the Beaumont Basin, and associated consulting services in support to Watermaster activities during CY 2026.

The proposed budget is \$122,810.00 and is based on 554 engineering and administrative hours.

The financial impacts associated with the proposed task order would result in a budget line item of \$122,810.00 and, if approved, would result in an invoice sent to each Watermaster Committee member in the amount of \$24,562.00.



November 18, 2025

Mr. Art Vela  
Beaumont Basin Watermaster  
99 E. Ramsey St.  
Banning, California 92220

**Re: Beaumont Basin Watermaster – Engineering Services and Annual Reporting for Calendar Year 2026 – Task Order 11**

Dear Mr. Vela,

This letter outlines our proposed scope of services and consulting fee to provide engineering services for the Beaumont Basin Watermaster (the Watermaster) in Fiscal Year (FY) 2026 (calendar year 2026). This work would be Task Order 11 under our Agreement for Professional Services dated November 2022. Our proposed scope of work for FY 2026 includes the following:

1. Data Collection
2. Preparation of the 2025 Annual Report
3. Determination of Annualized Safe Yield and Change in Storage
4. Review of Rules and Regulations
5. Meeting Attendance and Agenda Support

Our proposed detailed scope of work is as follows:

Thomas Harder & Co.  
1260 N. Hancock St., Suite 109  
Anaheim, California 92807  
(714) 779-3875

## Task 1 – Data Collection

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TH&Co, with the support of ALDA and in coordination with Dudek, will collect and compile the data necessary to prepare the Watermaster Annual Report as well reporting required under the Sustainable Groundwater Management Act (SGMA). The data necessary for the Annual Report includes:

- Monthly groundwater production for all domestic groundwater production wells,
- Monthly rainfall at established precipitation stations in the area,
- Monthly static groundwater levels at dedicated monitoring wells and selected production wells,
- Monthly deliveries of imported water and/or surface water diversions from applicable water providers, and
- Annual water quality from domestic production wells from the State of California’s Groundwater Ambient Monitoring and Assessment Program (GAMA) database and from other non-domestic wells, as documented in the Beaumont Management Zone Maximum Benefit Monitoring Program.

All data will be checked by TH&Co prior to use in analysis and/or incorporation into the annual report.

Estimated Hours: 92 Hours

Estimated Cost: \$19,740.00

## Task 2 – Preparation of 2025 Annual Report

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ALDA will prepare the 2025 Annual Report summarizing the operations of the Beaumont Basin Watermaster. The report will include groundwater levels, water transfers, groundwater production, water quality, assessment of basin conditions, carryovers, replenishment, replenishment obligations, and recommendations for future pumping and spreading activities. The Annual Report will also provide a summary of all Watermaster Committee activities, as discussed during regular and special meetings, and will provide an annualized safe yield based on the analysis from Task 3. Once the final report is approved and adopted, all data, draft documents, spreadsheets, presentations, and other related information used to prepare the Annual Report will be submitted to the Secretary of the Watermaster within thirty days. The cost estimate for this



task assumes one draft version of the Annual Report (one hard copy and one electronic version) and one final version (one hard copy with an attached CD that has the electronic version).

Estimated Hours: 160 Hours

Estimated Cost: \$40,560.00

### **Task 3 – Determination of Annualized Safe Yield and Change in Storage**

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TH&Co will review groundwater levels, groundwater production, groundwater recharge and change in storage for the Beaumont Basin area as a basis for determining an annualized estimate of the safe yield of the basin. As part of this task, TH&Co will prepare a groundwater level contour map for the fall of each year and compare it to the groundwater contour map of the previous year to assess changes in groundwater flow patterns across the basin and change in groundwater storage. Two estimates of Beaumont Basin change in storage will be prepared:

1. An estimate based on groundwater level change between October 2024 to October 2025 (Water Year Change in Storage for the SGMA Annual Report), and
2. An estimate based on groundwater level change between December 2024 and December 2025 (FY Change in Storage for the Watermaster Annual Report).

TH&Co will generate a Technical Memorandum (TM) that summarizes the analysis. The cost estimate for this subtask assumes one draft version of the TM (two hard copies and one electronic version) and one final version (five hard copies, each with an attached CD that has the electronic version).

Estimated Hours: 132 Hours

Estimated Cost: \$ 22,480.00



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## Task 4 – Review Rules and Regulations

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A budget is included to provide support to the Watermaster Committee and Dudek to review the existing Rules & Regulations, provide recommendations for changes and/or implement changes requested by the Committee, as appropriate. The cost estimate for this task assumes revisions are minor.

Estimated Hours: 8 Hours

Estimated Cost: \$ 2,080.00

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## Task 5 – Meeting Attendance and Agenda Support

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The budget for this task includes attendance at six regular meetings of the Watermaster Committee in Beaumont, California. The budget also includes six meetings with Dudek to prepare for each regular meeting and prepare agenda.

Estimated Hours: 162 Hours

Estimated Cost: \$ 37,950.00



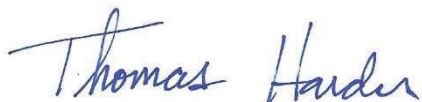
## Cost Estimate

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The total estimated cost for this scope of work is \$122,810 as summarized in Table 1. Services will be billed on a time and materials basis up to the approved limit according to the billing rates shown in Table 1.

I appreciate the opportunity to provide consulting services for the Beaumont Basin Watermaster. If you have any questions, don't hesitate to contact me at (714) 779-3875.

Sincerely,

  
Thomas Harder, P.G., C.H.G.  
Principal Hydrogeologist



Cost Estimate for Beaumont Basin Watermaster FY 2026 Engineering Services and Annual Reporting

Task	Description	Thomas Harder & Co.										ALDA			Total Cost	
		Principal Hydro- Geologist \$260/hr	Associate Hydro- Geologist \$230/hr	Senior Hydro- Geologist \$190/hr	Project Geo- Scientist \$165/hr	Staff Geo- Scientist \$145/hr	Graphics \$130/hr	Clerical \$100/hr	Total Hours TH&Co	Project Manager \$270/hr	Professional Engineer \$240/hr	Total Hours ALDA				
1	Data Collection (1 Yr)	12	0	0	36	0	0	0	0	0	0	48	4	40	44	\$19,740
2	Preparation of Annual Reports	12	0	0	0	0	0	0	0	0	12	12	64	84	148	\$40,560
3	Determination of Annualized Safe Yield and Change in Storage	10	0	0	32	52	18	4	116	16	16	116	0	0	16	\$22,480
4	Review of Rules and Regulations	8	0	0	0	0	0	0	8	0	8	8	0	0	0	\$2,080
5	Meeting Attendance	60	0	0	30	0	0	12	102	60	60	102	60	0	60	\$37,950
<b>Total Labor Hours Tasks 1 through 5</b>		102	0	0	98	52	18	16	286	144	124	268	144	124	268	\$122,810

**BEAUMONT BASIN WATERMASTER**

**MEMORANDUM NO. 25-37**

**Date:** December 3, 2025

**From:** Thomas Harder, Thomas Harder & Co. (TH&Co)

**Subject:** Consideration of proposed Thomas Harder & Company/Alda Engineering Task Order No. 12 for Groundwater Level Monitoring Services in 2026

**Recommendation:** That the Watermaster Committee approves Task Order No. 12 for a sum not to exceed \$34,070.00.

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This task order is necessary to authorize TH&Co, via Alda Engineering, to provide groundwater level monitoring services during calendar year 2026.

The proposed scope of services for Task Order No. 12 provides for the continued monitoring and processing of groundwater level data in the 15 wells equipped with continuous monitoring pressure transducer equipment. The scope also includes contingencies for monitoring equipment maintenance, identification of additional monitoring sites, and installation of new monitoring equipment in any new sites identified.

The proposed budget is \$34,070.00 and is based on 150 engineering and administrative hours.

The financial impacts associated with the proposed contract would result in a budget line item of \$34,070.00, and if approved would result in an invoice sent to each Watermaster Committee member in the amount of \$6,814.00.



November 18, 2025

Mr. Art Vela  
Beaumont Basin Watermaster  
99 E. Ramsey St.  
Banning, California 92220

**Re: Beaumont Basin Watermaster – Proposed Groundwater Level Monitoring Services for Calendar Year 2026 – Task Order 12**

Dear Mr. Vela,

This letter outlines our proposed scope of services and consulting fee to provide groundwater level monitoring services for the Beaumont Basin Watermaster (the Watermaster) in calendar year 2026. Historically, Alda, Inc. has provided these services including:

- Coordination with well owners for equipment installation,
- Purchase of transducer and barometric pressure equipment,
- Installation of monitoring equipment,
- Downloading and periodic maintenance of monitoring equipment, and
- Reporting to the Watermaster Committee.

There are currently 15 wells in the Watermaster monitoring network equipped with continuous groundwater level monitoring transducers:

- YVWD No. 34
- Tukwet B
- Noble Creek Park
- Noble Creek Ponds 4 Deep
- Noble Creek Ponds 4 Shallow
- ICON Warehouse
- Summit Cemetery
- Bonita Vista No. 3 (BCVWD)
- BCVWD No. 2
- BCVWD No. 25
- BCVWD No. 29
- BCVWD Old 15 (Banning)
- Sun Lakes Golf Course (Banning)
- Banning M-8
- Banning M-9

Thomas Harder & Co.  
1260 N. Hancock St., Suite 109  
Anaheim, California 92807  
(714) 779-3875

Two wells, YVWD No. 34 and Banning M-9, are also equipped with barometric pressure probes to determine barometric pressure at the north and south ends of the Beaumont Basin, respectively.

Groundwater levels and barometric pressure have been monitored hourly since 2015 and results have been presented at the regular Watermaster Committee meetings.

Groundwater level monitoring services for calendar year 2026 would be conducted as Task Order 12 under our Agreement for Professional Services dated November 2022. Our proposed detailed scope of services is as follows:

## **Task 1 – Data Processing and Reporting**

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A TH&Co team representative will visit each of the 15 monitoring sites every other month (up to six times) to download the data from the transducers and barometric pressure instruments, manually monitor the groundwater level, and inspect the wellhead to ensure that the probe is secure and operating properly. Manual groundwater level measurements will be collected in accordance with Section 3 of the Rules and Regulations.

Downloaded data will be exported to a spreadsheet program for processing, QA/QC, and graphing. The information collected at the selected sites will be reviewed to determine consistency with previous readings. Collected information will be tabulated and used to determine groundwater elevation considering ground elevation, length of communications cable, and barometric pressure. Water level elevation graphs for selected wells will be prepared and presented to the Watermaster Committee as part of the regular consent calendar.

Estimated Hours: 118 Hours

Estimated Cost: \$26,860.00

## **Task 2 – Monitoring Equipment Maintenance**

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Historically, some transducers installed in Watermaster wells have malfunctioned or required maintenance. This task is included to provide as-needed maintenance of



groundwater level monitoring equipment should it be needed. Maintenance activities could include (but not necessarily be limited to) the following:

- Evaluation of communications cables to make sure information collected by the groundwater level probes can be accessed electronically.
- Removal of communications cable and transducers from monitoring wells to troubleshoot issues when the equipment doesn't work.
- Coordination with the equipment manufacturer to arrange repairs or order replacement cables or equipment.
- Measurement of replacement communications cables to make sure actual length of cable is the same as documented by the manufacturer.

A TH&Co team representative will conduct additional visits to monitoring sites, if necessary, to replace faulty equipment previously identified and/or to check on the performance of newly installed equipment.

Estimated Hours: 16 Hours

Estimated Cost: \$3,440.00

### **Task 3 – Consideration of Potential Additional Monitoring Sites**

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While the existing groundwater level monitoring network provides relatively good spatial coverage across the Beaumont Basin, there remain areas where additional and more reliable monitoring would be beneficial. The TH&Co team will evaluate potential monitoring sites for installation of groundwater level transducers for consideration by the Watermaster Committee. Selection of sites will be based on a number of parameters including location within the basin, distance to pumping wells, accessibility to the site, and on-site improvements that may be required.

Estimated Hours: 10 Hours

Estimated Cost: \$ 2,480.00



## Task 4 – Installation of New Monitoring Equipment

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This task includes budget to install groundwater level transducers at new well sites selected from Task 1 and approved by the Watermaster Committee. All new monitoring equipment will be installed and programmed in accordance with Section 3 of the Rules and Regulations currently being considered by the Watermaster Committee. Required modifications at some of the well head sites, such as installation of plates, locks, measurement ports, etc., will be coordinated by the TH&Co team to make sure all sites operate adequately, and the monitoring equipment is secured. Manual groundwater level measurements will be made during transducer installation to compare with the transducer readings and ensure the probes are operating properly. The budget for this task assumes the TH&Co team will purchase and install up to two additional transducers. The budget does not include the cost of transducer equipment.

Estimated Hours: 6 Hours

Estimated Cost: \$ 1,290.00

### Cost Estimate

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The total estimated cost for this scope of work is \$34,070 as summarized in Table 1. Services will be billed on a time and materials basis up to the approved limit according to the billing rates shown in Table 1.

I appreciate the opportunity to provide consulting services for the Beaumont Basin Watermaster. If you have any questions, don't hesitate to contact me at (714) 779-3875.

Sincerely,



Thomas Harder, P.G., C.H.G.  
Principal Hydrogeologist



Cost Estimate for Beaumont Basin Watermaster Engineering Services  
Task Order 12 - 2026 Groundwater Level Monitoring

Task	Description	Thomas Harder & Co.										ALDA				Total Cost	
		Principal Hydro- Geologist \$260/hr	Associate Hydro- Geologist \$230/hr	Senior Hydro- Geologist \$190/hr	Project Geo- Scientist \$165/hr	Staff Geo- Scientist \$145/hr	Graphics Clerical \$130/hr	Total Hours TH&Co	Project Manager \$270/hr	Professional Engineer \$240/hr	Staff Engineer \$215/hr	Total Hours ALDA					
1	Groundwater Level Data Processing and Reporting	8	0	0	8	0	0	0	0	0	16	6	48	48	6	102	\$26,860
2	Monitoring Equipment Maintenance	0	0	0	0	0	0	0	0	0	0	0	16	0	0	16	\$3,440
3	Consideration of Additional Monitoring Sites	4	0	0	0	0	0	0	0	0	4	0	6	0	0	6	\$2,480
4	Installation of New Monitoring Equipment	0	0	0	0	0	0	0	0	0	0	0	0	6	6	6	\$1,290
Total Labor Hours Tasks 1 through 4		12	0	0	8	0	0	0	0	0	20	6	54	54	6	130	\$34,070

Note: The budget does not include the costs for new monitoring equipment.