

Notice and Agenda of a Meeting of the Beaumont Basin Watermaster

Wednesday, February 3, 2021 at 10:00 a.m.

Watermaster Members:

City of Banning
City of Beaumont
Beaumont Cherry Valley Water District
South Mesa Water Company
Yucaipa Valley Water District

**This meeting is available by calling
(888) 475-4499 using Meeting ID 997-7493-5433#**

**Online Meeting Participation Link: <https://zoom.us/j/99774935433>
Meeting Passcode: 526438**

**There will be no public physical location for
attending this meeting in person.**

I. Call to Order

II. Roll Call

City of Banning: Arturo Vela (Alternate: Luis Cardenas)

City of Beaumont: Jeff Hart (Alternate: Robert Vestal)

Beaumont Cherry Valley Water District: Daniel Jagers (Alternate: Mark Swanson)

South Mesa Water Company: George Jorritsma (Alternate: Dave Armstrong)

Yucaipa Valley Water District: Joseph Zoba (Alternate: 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.

V. Consent Calendar

A. Meeting Minutes

1. Meeting Minutes for December 2, 2020 [Page 4 of 64]

VI. Reports

- A. Report from Engineering Consultant - Hannibal Blandon, ALDA Engineering
- B. Report from Hydrogeological Consultant - Thomas Harder, Thomas Harder & Co.
- C. Report from Legal Counsel - Thierry Montoya/Keith McCullough, Alvarado Smith

VII. Discussion Items

- A. Reorganization of the Beaumont Basin Watermaster Committee - Chairman, Vice-Chairman, Secretary, and Treasurer [\[Memorandum No. 21-01, Page 13 of 64\]](#)
Recommendation: That the members of the Watermaster either reaffirm the existing officers or conduct nominations for the appointment of new officers of the Beaumont Basin Watermaster.
- B. Status Report on Water Level Monitoring throughout the Beaumont Basin through January 18, 2021 [\[Memorandum No. 21-02, Page 14 of 64\]](#)
Recommendation: Presentation - No recommendation
- C. Monitoring Sites – Safety and Security [\[Memorandum No. 21-03, Page 24 of 64\]](#)
Recommendation: No recommendation - For informational purposes only.
- D. A Comparison of Production and Allowable Extractions for Calendar Year 2020 [\[Memorandum No. 21-04, Page 25 of 64\]](#)
Recommendation: No recommendation - For informational purposes only.
- E. Task Order No. 17 – Progress Report [\[Memorandum No. 21-05, Page 26 of 64\]](#)
Recommendation: Presentation - No recommendation
- F. Task Order No. 22 – Preliminary Results Presentation [\[Memorandum No. 21-06, Page 27 of 64\]](#)
Recommendation: Presentation - No recommendation
- G. 2019 Revised Draft of the Beaumont Basin Watermaster Annual Report – Presentation of Comments [\[Memorandum No. 21-07, Page 28 of 64\]](#)
Recommendation: No Recommendation
- H. Discussion Regarding Task Order No. 23 with ALDA Inc. for the Preparation of the 2020 Consolidated Annual Report, Estimate of the Basin Safe Yield, Update of the Groundwater Model, and Associated Consulting Services for 2021 [\[Memorandum No. 21-08, Page 40 of 64\]](#)
Recommendation: That the Watermaster Committee authorizes up to 90 percent of the initial budget of \$95,970 and uses the remaining 10 percent as a contingency.
- I. Consideration of Resolution No. 2021-01 Amending Section 7 of the Rules and Regulations of the Watermaster by Eliminating Rule 7.3 Availability of Unused Overlying Production and Allocation to the Appropriator Parties [\[Memorandum No. 21-09, Page 46 of 64\]](#)
Recommendation: That the Watermaster Committee adopts Resolution No. 2021-01.

VIII. Topics for Future Meetings

- A. Development of a methodology and policy to account for groundwater storage losses in the basin resulting from the artificial recharge of water resources.
- B. Development of a methodology and policy to account for recycled water recharge.

IX. Comments from the Watermaster Committee Members

X. Announcements

- A. The next regular meeting of the Beaumont Basin Watermaster is scheduled for Wednesday, April 7, 2021 at 10:00 a.m.
- B. Future Meeting Dates:
 - i. Wednesday, April 7, 2021 at 10:00 a.m.
 - ii. Wednesday, June 2, 2021 at 10:00 a.m.
 - iii. Wednesday, August 4, 2021 at 10:00 a.m.
 - iv. Wednesday, October 6, 2021 at 10:00 a.m.
 - v. Wednesday, December 1, 2021 at 10:00 a.m.

XI. Adjournment

DRAFT
Record of the Minutes of the
Beaumont Basin Committee Meeting of the
Beaumont Basin Watermaster
Regular Meeting
Wednesday, December 2, 2020

Meeting Location:

There was no public physical meeting location due to the coronavirus pandemic. Meeting held via video teleconference pursuant to: California Government Code Section 54950 et. seq. and California Governor's Executive Orders N-29-20 and N-33-20

I. Call to Order

Chairman Arturo Vela called the meeting to order at 10:05 a.m.

II. Roll Call

<i>City of Banning</i>	<i>Arturo Vela</i>	<i>Present</i>
<i>City of Beaumont</i>	<i>Robert Vestal</i>	<i>Present</i>
<i>Beaumont-Cherry Valley Water District</i>	<i>Daniel Jagers</i>	<i>Present</i>
<i>South Mesa Water Company</i>	<i>George Jorritsma</i>	<i>Present</i>
<i>Yucaipa Valley Water District</i>	<i>Joseph Zoba</i>	<i>Present</i>

Thierry Montoya was present representing legal counsel for the Beaumont Basin Watermaster (BBWM). Hannibal Blandon and Thomas Harder were present as engineers for the BBWM.

Members of the public who registered and / or attended:
Lance Eckhart, San Geronio Pass Water Agency
Mark Swanson, Beaumont-Cherry Valley Water District

III. Pledge of Allegiance

Chair Vela led the pledge.

IV. Public Comments:

None.

V. Consent Calendar

1. Meeting Minutes for August 27, 2020

It was moved by Member Jagers and seconded by Member Jorritsma to approve the Meeting Minutes of August 27, 2020:

AYES:	Jagers, Jorritsma, Vela, Vestal, Zoba
NOES:	None.
ABSTAIN:	None.
ABSENT:	None.
STATUS:	Motion Approved

2. Meeting Minutes for October 7, 2020

The Meeting Minutes of October 7, 2020 were pulled for discussion. Member Dan Jagers explained that due to technical difficulties there was no recording of the meeting. Minutes were prepared using notes, he explained, but it is important that Item 5C and Item 6E regarding the transfer of water rights should be reviewed by legal counsel. He recommended bringing back the minutes to the next meeting. Member Zoba concurred. Mr. Jagers recommended the minutes be circulated to the members for comment and then agendized for discussion to assure completeness.

VI. Reports

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

No report.

- B. Report from Hydrogeological Consultant – Thomas Harder, Thomas Harder & Co.

Task Order 8 San Gorgonio Pass Water Agency Model Data Request: Mr. Harder reported that the requested data has been provided to the San Gorgonio Pass Water Agency's (SGPWA) consultants and his staff is working with them further to provide additional information. The item is within budget, he assured.

Task Order 17 Return Flow Analysis: Mr. Harder indicated that he is working with Yucaipa Valley to obtain data needed to finalize the analysis.

Task Order 22 Water Quality Analysis: work is ongoing. Preliminary results must be checked before presentation to the Committee.

- C. Report from Legal Counsel – Thierry Montoya, Alvarado Smith

Mr. Montoya advised that he received a call last month from a party requesting an opinion on water rights which presented a conflict of interest. Mr. Montoya said he advised the party to seek his own counsel

and ended the call. In response to a question from Mr. Zoba, Mr. Montoya indicated the caller was a property owner.

VII. Discussion Items

- A. Status Report on the Beaumont Basin Water Level Monitoring Program through November 18, 2020

Recommendation: Presentation - no recommendation

Mr. Blandon reported there are 16 water monitoring wells. At Yucaipa 34, the barometric pressure probe was missing, and probably fell to the bottom of the well. A new probe has been ordered. The level has been in decline over the last year, which is something to monitor, he said.

The observation wells at Noble Creek continue to rise, he advised. The Summit Cemetery Well continues to fluctuate due to nearby pumping, Blandon reported. He noted that Banning M-8 has lost 37 feet since 2015.

Mr. Blandon advised that Beaumont-Cherry Valley No. 2 and No. 25 have experienced significant decline since No. 3 began pumping.

Mr. Blandon advised the Committee of some needed equipment.

Member Zoba noted that he had visited Yucaipa Well 34 and expressed said he was not impressed with the way in which the cables were attached to the well. Zoba and Blandon discussed the cable assembly.

- B. A Comparison of Production and Allowable Extractions through October 2020

Recommendation: No recommendation; informational only

Mr. Blandon shared the table of Production vs. Allowable Extractions and advised the Committee total production was about 96 percent of the total allowable for the appropriators combined. He noted that Banning and Yucaipa Valley Water District (YVWD) at this point were exceeding their production and will need to withdraw from the local storage accounts.

Mr. Zoba pointed out that if the Form 5 had been reflected as it was in previous tables and the overlying water rights had been included, that YVWD would not be exceeding its portion of the basins. He asked about

the change. Mr. Blandon explained that it had previously been shown including the water rights from Oak Valley Partners (OVP) being transferred to YVWD which would have shown a credit of 380 acre-feet. However, he continued, because that issue continues to be unresolved, legal counsel indicated the actual number listed should be prior to assignments from OVP.

Member Zoba registered an objection to the Table of Production vs. Allowable Extractions (through October 2020) as presented.

Member Jagers noted that Beaumont-Cherry Valley Water District's (BCVWD) numbers will go down, and Banning's will go up due to transfer of water produced from co-owned wells during the Apple Fire and Eldorado Fire. He noted additional demand related to grading water for a Banning development. Mr. Jagers suggested he and Mr. Vela confer. Mr. Blandon requested the actual quantities be provided monthly in order to be allocated to each producer. Chair Vela concurred.

C. 2019 Consolidated Annual Report and Engineering Report – Presentation of Draft Report

Recommendation: No recommendation; informational only

Mr. Blandon reminded the Committee that the presentation of the report had been delayed in hopes of doing so in person, but it is time to present.

Mr. Blandon reminded the Board of the approval of Resolution 2019-01 accepting the application for groundwater storage from SGPWA, and 2019-02 approving a new Section 7 of the Rules and Regulations.

Blandon presented an overview of historical precipitation, production by agency totaling 14,121 acre-feet. He noted that there has been significant fluctuation in average production from 2015 through 2019. BCVWD's total production grew from 72 to 79 percent of the total production over a five-year period. Member Jagers commented on anomalies - that 2014 included drought restrictions and 2019 was a wet year. Mr. Blandon will provide additional graphs.

Annual production by overlying users has declined to about half of what was produced since the beginning of the judgment, Blandon advised. He compared the five-year average and listed the highest use of overlying rights.

Member Zoba asked about Oak Valley Partners. Mr. Blandon pointed out the OVP property was formerly a cattle ranch and estimated use was

2.5 acre-foot at a minimum, but that use will cease to be included in 2020. Member Zoba suggested discussion of the water rights transfer and the forbearance of water for documentation. In response to Member Zoba, Mr. Bandon indicated the Form 5 was included in Appendix A. Mr. Zoba reminded the Committee of discussion in December 2019 that indicated everything during the calendar year would be documented, and suggested discussion of the Form 5 be included.

In response to Member Zoba, Mr. Bandon pointed to the discrepancy of opinion between YVWD and other Committee members regarding the credit and continuing discussion. Zoba posited that it is part of the Engineer's responsibility to document the activities surrounding the overlier relinquishing their rights and putting the rights into an appropriative pool. The annual report is to build a record and by being silent on these important points it does a disservice to the Watermaster, as it gets lost over time, Zoba stated.

Chair Vela indicated it is appropriate to include receipt of the Form 5 and reflect that discussion had occurred. Member Zoba suggested including a compilation of the minutes. Mr. Bandon acknowledged and suggested an Appendix to include the meeting minutes for the year. Member Zoba indicated that may be helpful for historic purposes. Chair Vela concurred.

Engineer Bandon reviewed upward trends in water production by Appropriators. Overlying production in 2019 was the lowest on record, he added. Only two agencies imported water in 2019 totaling 12,621. Mr. Jagers indicated this figure will also need to include spreading by the SGPWA in their new facility. Mr. Bandon indicated it was on a different chart.

Mr. Bandon reported on 2014 underproduction conversion to 2019 and presented the allocation. He detailed the conversion of OVP's 183.05 acre-feet in overlying rights to YVWD appropriative rights under Resolution 2017-02. Member Zoba opined that with the assumptions drawn related to the cattle ranch the report is not accurate. He pointed to the Form 5 transfer of rights from an overlier which subsequently did not produce water, and other activities in 2019 related to production, water rights, and transfers. Member Jagers indicated there is an impasse related to what legal counsel reported out as transfer and what YVWD identifies. He suggested that Member Zoba note his concerns in response comments to the report and that subsequent discussion in the modified report could address the facts submitted. Chair Vela suggested that comments be reviewed by legal counsel.

Member Zoba advised that there is a reliance moving forward that the Appropriator has been accommodating and extracted 1,400 acre-feet that now looks like it is going to hit YVWD's storage account when it was

actually a transfer. To replenish will cost a half million dollars, Zoba opined, and said the Rules and Regulations were clear and were followed.

Member Zoba suggested adding an Appendix to include all comment letters received on the report. He also suggested the production by BCVWD from the co-owned wells be reported as a transfer to Banning. Counsel Montoya indicated that would not be a transfer. Discussion ensued on past practice and how to report. Mr. Bandon will research.

Mr. Bandon reported that 4,696 acre-feet were added to storage and the detailed the conversion of underproduction from 2014. Mr. Zoba pointed out an issue with reporting of the 183.5 acre-feet of OVP.

Mr. Tom Harder presented the 2019 Operating Safe Yield estimate and reminded there is no safe yield in the judgment. Mr. Harder responded to comments by Mr. Jagers related to groundwater elevation and reminded the Committee that the safe yield is to be recalculated in 2022.

Mr. Harder pointed out three wells experiencing declines and three in which long term levels are rising. Mr. Bandon shared water quality data.

Engineer Bandon presented recommendations to develop a policy to account for groundwater storage losses, develop a protocol to increase accuracy and consistency of data reporting and to file an annual report with the Court.

Chair Vela confirmed that a revised draft including all comments would come back to the Committee for final approval depending on when agency comments are submitted.

SGPWA General Manager Lance Eckhart suggested addressing water losses and discussion of the ability to potentially store water over the 10,000 SGPWA account threshold to assure a robust water portfolio and secure local supplies. Member Jagers pointed to levels showing decline on the west side and east side of the Basin and said he is interested in losses over time and relationship to production vs. leakage. Chair Vela agreed with wrap up of the water loss analysis and said the Committee could entertain Mr. Eckhart's points.

Member Zoba indicated he does not want to delay the report but said that he does not see this as being a fair report on which to comment, as it overlooks a lot of what actually occurred. He opined that Mr. Bandon should provide a revised edition for comment. Chair Vela recommended that Mr. Bandon work with legal counsel on any language to be included and suggested that all members provide comments.

Mr. Blandon stated he would work with legal and address the comments made by Member Zoba. Mr. Montoya agreed that a new draft would be appropriate and said the report must be full and comprehensive.

- D. Discussion Regarding Task Order No. 23 with ALDA Inc. for the Preparation of the 2020 Consolidated Annual Report, Estimate of Basin Safe Yield, Update of the Groundwater Model, and Associated Consulting Services for 2021

Recommendation: That the Watermaster approves Task Order No. 23 for a sum not to exceed \$95,970

Engineer Blandon explained this is a new task order to continue providing the services that have been over the last few years including preparation of the 2020 Annual Report, estimate of basin safe yield for 2020, update of the groundwater model, and consulting services. The fee is the same as it has been since 2017 at \$95,970.

Member Zoba provided historical background and suggested the Committee discuss bringing on an administrator to provide more assistance with administration including assembling the meeting packets to make better use of the funds. He mentioned retired water managers who may assist the Committee with a guiding hand and assist in building a good working relationship between all the resources in the Valley. He indicated it may be worthwhile to consider how to proceed in the future.

Mr. Blandon said he understands the issues raised over water rights and said he would be happy to provide additional assistance if desired. Member Jagers pointed to the scope of services and indicated the numbers seem reasonable for the hours of work being done. He said it seems unlikely to find more value in the hours presented. Jagers acknowledged the administrative needs, noted that all agencies are busy and said that if greater expenditure is needed for additional services it could be discussed. Chair Vela concurred that the hours are appropriate for the tasks and suggested if desired, the group work collectively to develop a scope of work. He noted that ALDA is doing a great job, but the public expects the contract to be competitive.

It was moved by Member Zoba to continue this item to the next meeting.

Mr. Blandon indicated that the contract expires at the end of 2020 but there were funds remaining in the budget to continue the work into 2021.

Member Zoba acknowledged delays but suggested setting an expectation that the annual report should be scheduled for completion within four months of the calendar year end. He assured that this is not about ALDA, but to look at how things can be done better.

Mr. Blandon reminded the Committee about the reasons for delays in 2018 and 2019 and noted that prior reports had been timely. Jagers concurred. Chair Vela pointed out that if the Committee chooses to take a different approach, it will take a lot more time for the RFP process. He recommended amending the ALDA contract to continue services until a new consultant was on board or the ALDA contract was renewed.

It was moved by Member Zoba and seconded by Chair Vela to table Task Order No. 23 to the February 3, 2021 meeting. The motion was approved by the following vote:

AYES:	Jagers, Vela, Vestal, Zoba
NOES:	Jorritsma.
ABSTAIN:	None.
ABSENT:	None.
STATUS:	Motion Approved 4-1

- E. Discussion Regarding Task Order No. 24 with ALDA Inc. for the Installation, Maintenance, and Data Collection of Water Level Monitoring Equipment in 2021

Recommendation: That the Watermaster approves Task Order No. 24 for a sum not to exceed \$21,520

Engineer Blandon explained this is to continue the water level monitoring work at the same cost since 2017.

Chair Vela recommended continuance of the item given the tabling of the item above. Member Zoba noted this item could stand alone and there is value to Mr. Blandon working throughout the year.

It was moved by Member Jagers and seconded by Member Zoba to approve Task Order No. 24 for a sum not to exceed \$21,520. The motion was approved by the following vote:

AYES:	Jagers, Jorritsma, Vela, Vestal, Zoba
NOES:	None.
ABSTAIN:	None.
ABSENT:	None.
STATUS:	Motion Approved

VIII. Topics for Future Meetings

- a. Development of a methodology and policy to account for groundwater storage losses in the basin resulting from the artificial recharge of water resources.
- b. Development of a methodology and policy to account for recycled water recharge.

IX. Comments from the Watermaster Committee Members

Mr. Jagers indicated hope for rain to green the hillsides.

X. Announcements

- a. The next regular meeting of the Beaumont Basin Watermaster is scheduled for Wednesday, February 3, 2021 at 10:00 a.m.
- b. Future Meeting Dates:
 - i. Wednesday, April 7, 2021 at 10:00 a.m.
 - ii. Wednesday, June 2, 2021 at 10:00 a.m.
 - iii. Wednesday, August 4, 2021 at 10:00 a.m.
 - iv. Wednesday, October 6, 2021 at 10:00 a.m.
 - v. Wednesday, December 1, 2021 at 10:00 a.m.

XI. Adjournment

Chairman Vela adjourned the meeting at 11:53 a.m.

Attest:

DRAFT UNTIL APPROVED

Daniel Jagers, Secretary
Beaumont Basin Watermaster

BEAUMONT BASIN WATERMASTER

MEMORANDUM NO. 21-01

Date: February 3, 2021

From: Joseph Zoba, Treasurer

Subject: Reorganization of the Beaumont Basin Watermaster Committee - Chairman, Vice-Chairman, Secretary, and Treasurer

Recommendation: That the members of the Watermaster either reaffirm the existing officers or conduct nominations for the appointment of new officers of the Beaumont Basin Watermaster.

The purpose of this agenda item is to provide the Watermaster Committee members with the opportunity to reaffirm the existing officers or solicit nominations for the appointment of new officers for the organization.

The current officers are:

Chairman - Art Vela
Vice Chairman - George Jorritsma
Secretary - Dan Jagers
Treasurer - Joseph Zoba

BEAUMONT BASIN WATERMASTER

MEMORANDUM NO. 21-02

Date: February 3, 2021

From: Hannibal Blandon, ALDA Inc.

Subject: Status Report on Water Level Monitoring throughout the Beaumont Basin through January 18, 2021

Recommendation: Presentation - No recommendation.

At the present time, there are 15 monitoring wells collecting water level information on an hourly basis at various locations throughout the basin. In addition, there are two monitoring probes collecting barometric pressures at opposite ends of the Beaumont Basin. The location of active monitoring wells is depicted in the attached Figure No. 1.

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. Through the summer of 2019 water levels at these two wells have been fairly steady; however, over the last year a significant decline has been observed. A nine-foot decline has been recorded at YVWD 34 over the last two years. The decline at Oak Valley 5 has been steeper with a drop 24 feet in the last year despite of the fact that this well has not been pumped since the last fall. The monitoring probe has been removed from Oak Valley 5 because the well seems to be blocked with no possibility of lowering the probe to its original location.
- ✓ The water level probe at YVWD experienced a malfunction. On October 8, 2020, the column of water above the probe decreased from its normal value of approximately 100 ft. (70 ft. of water column and 31 ft. of barometric pressure) to just the barometric pressure or approximately 31 ft. Next week we will be visiting this well to change the water level probe.
- ✓ 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 90 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. Since it has declined 11 feet to the current elevation of 2,420 ft. 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.; a decline of seven feet has been recorded since.

- ✓ Figure No. 4 – Southern Portion of the Basin. Water level at the Summit Cemetery well is highly influenced by a nearby pumping well that is used to irrigate the cemetery grounds. The water level at this well continues to fluctuate over a 20-foot band. Conversely, the water level at the Sun Lakes well has fluctuated minimally over the same period and it is currently at the same level as when monitoring began in the summer of 2015.
- ✓ 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 four years, a somewhat significant and steady decline, close to 38 feet, has been recorded at Banning M-8 between the summer of 2015 and the winter of 2021 to its current elevation of 2,042 ft. Water level at Banning M-9 has fluctuated in a 17-foot range, between 2,130 ft and 2,147 ft. since monitoring began in the summer of 2015. Recently, a drop of 25 feet was recorded at this well; this is more likely related to the communications cable being hung inside the well as the change in water level occurred during our visit after removing the water level probe to download the data (communications cable was not working) and lowered again into the well. Instantaneous reading from the lowered probe could not be corroborated since the new water level meter was not yet available.
- ✓ Figure No. 6 illustrate recorded water level at BCVWD No. 2 and BCVWD No. 25. Water levels at these two wells follow seasonal pumping patterns peaking in the spring to begin a gradual decline into the fall to later recover again. This was observed during the 2016-19 period; however, in 2020 the decline seems to be steeper than in previous years specially at BCVWD No. 2. A decline of 27 feet was recorded at this well between the spring and early fall of 2020; since it has recovered close to seven feet.
- ✓ 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 that is now more actively used to meet peak summer demands. A decline in water level of eight feet has been recorded at this well since monitoring began in the spring of 2019. Water level data recorded since mid-November, was not available due to a local power outage that precluded us from entering the well site. Tukwet B is a dedicated monitoring well in the southern portion of the basin with minimal fluctuations in levels since the probe was installed in the spring of 2019.

New Monitoring Wells

During the last reporting period, no additional monitoring wells were added.

New Equipment Installation

- A new barologger was installed at YVWD No. 34.
- A new water level meter is now available to record depth to water at selected wells.
- A 200-ft and a 500-ft communications cables are now available.

Troubleshooting Issues

The following malfunctioning issues were encountered during our January 18, 2021 field visit:

- ✓ Banning M-9 – A replacement communications cable was going to be replaced during this visit since it has not worked in the last three visits. However, the communication cable worked just fine during our visit. We will keep a close eye on it and possibly replace it during our next visit.

New Monitoring Sites

Due to the current pandemic, all communications with owners of potential well sites have stalled. We will restart communications in the future as the country gradually goes back to normal. The following sites are being considered:

- ✓ Catholic Dioceses of San Bernardino-Riverside counties, near Rancho Calimesa Mobile Home Park has three abandoned wells. Two of these wells cannot be used at this time because the probe could not be lowered; however, the third site has great potential. This well is approximately 400 ft deep and the water level is at approximately 160 feet below ground.
- ✓ Sharondale Well No. 1 – This well is operated by Clearwater Operations. We initiated contact with this company to install a water level probe at this well, but progress has not been made.
- ✓ At Plantation by the Lake, another potential monitoring well site, communications with owner have not be reestablished.
- ✓ Oak Valley office well may be considered as an alternate monitoring well until Oak Valley No. 5 is refurbished.

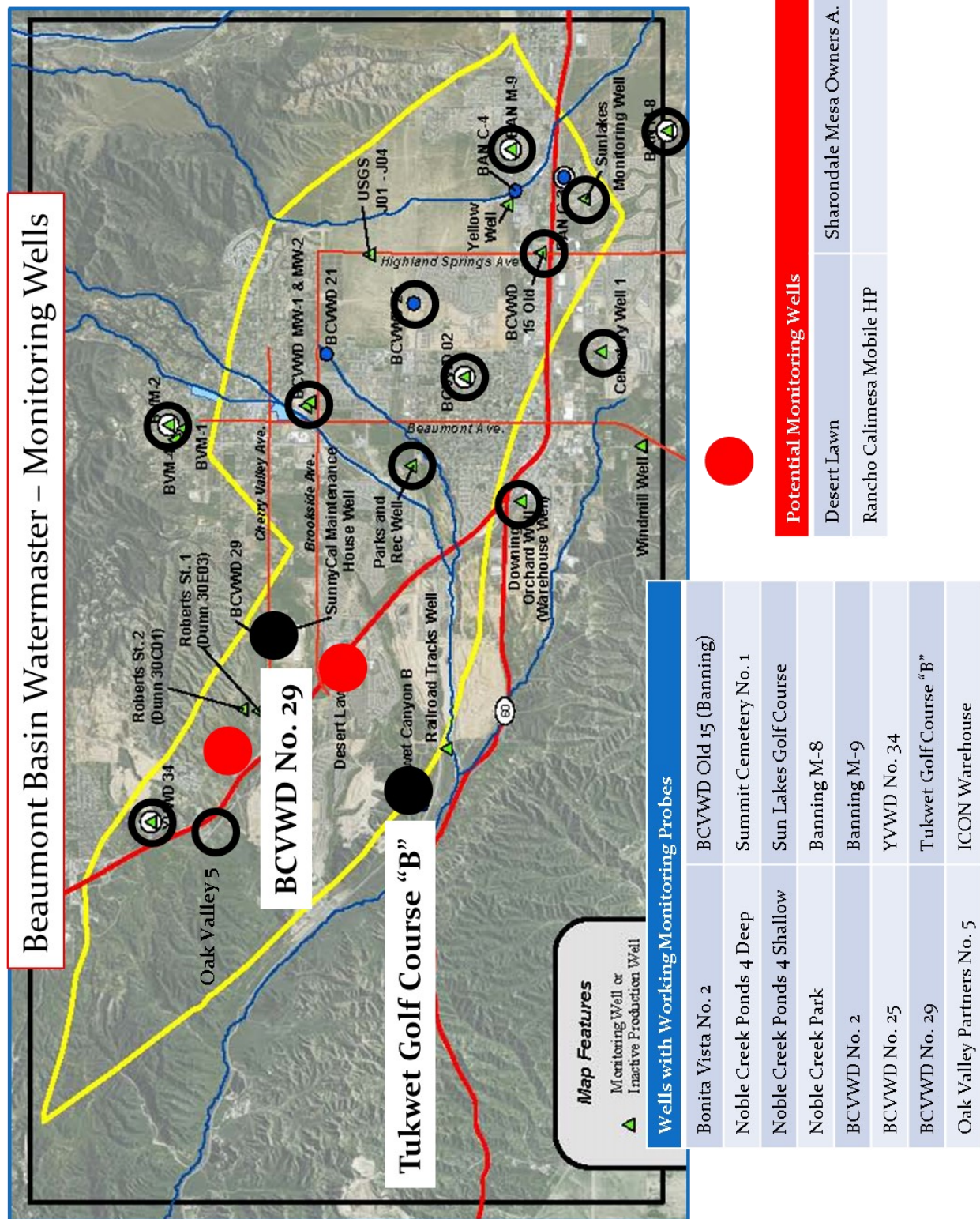


Figure No. 2
Static Groundwater Elevations at YVWD No. 34 and Oak Valley No. 5
 (July 29, 2015 through Jan 18, 2021)

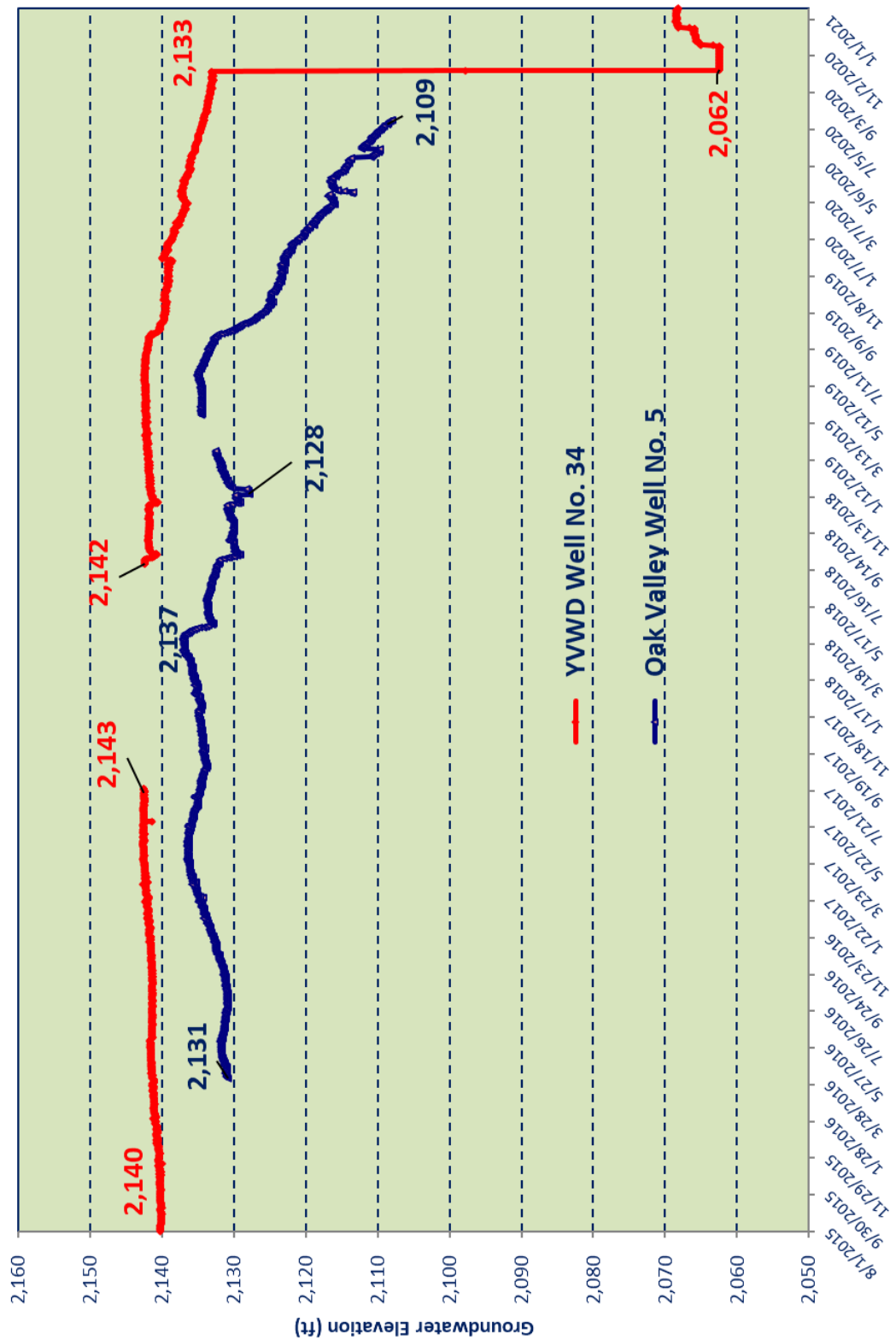


Figure No. 3
Static Groundwater Elevations at Noble Creek Obs. Well 4S and 4D
 (May 28, 2015 through Jan 18, 2021)

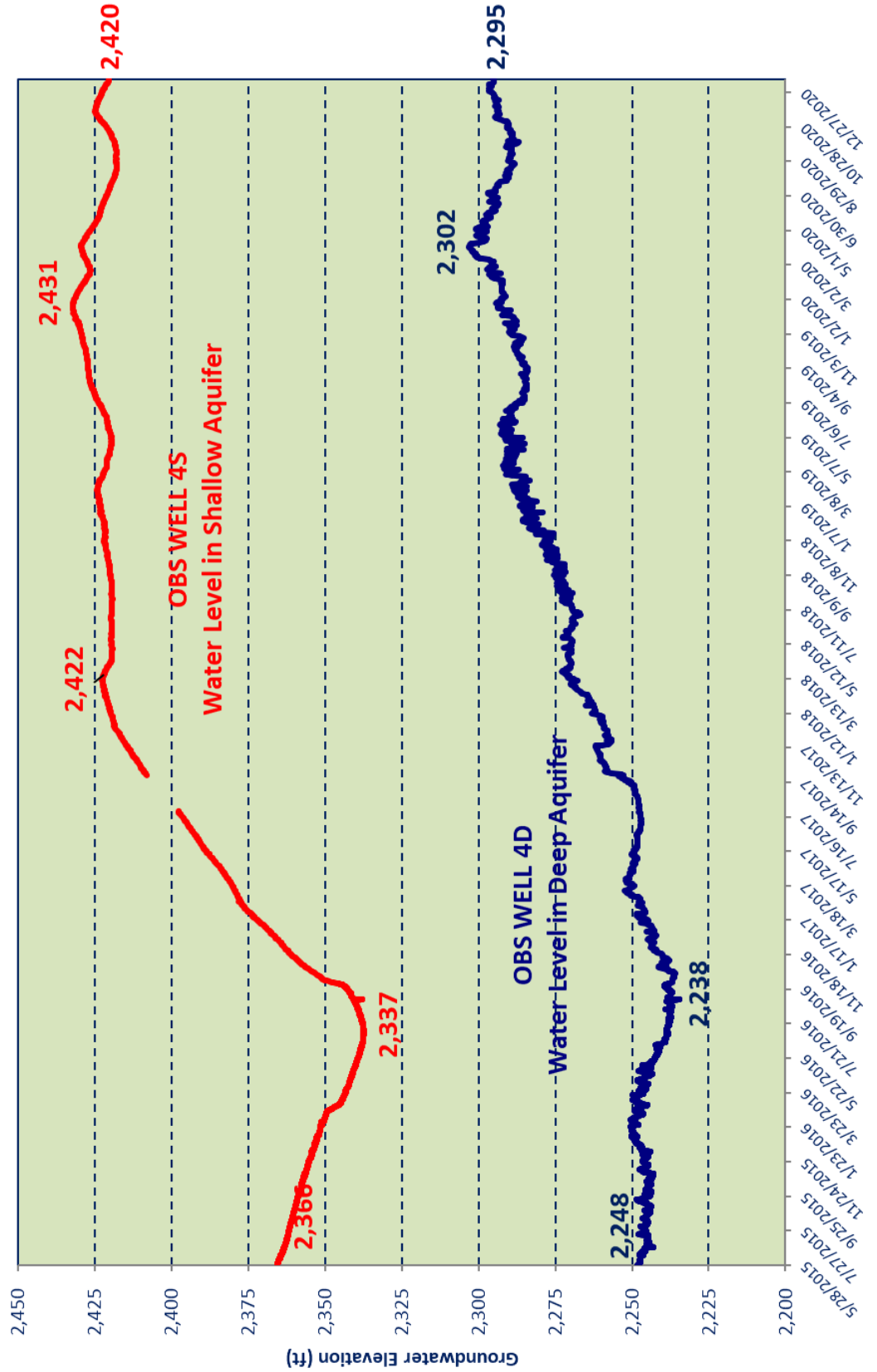


Figure No. 4
Static Groundwater Elevations at Summit Cemetary and Sun Lakes Wells
 (May 28, 2015 through Jan 18, 2021)

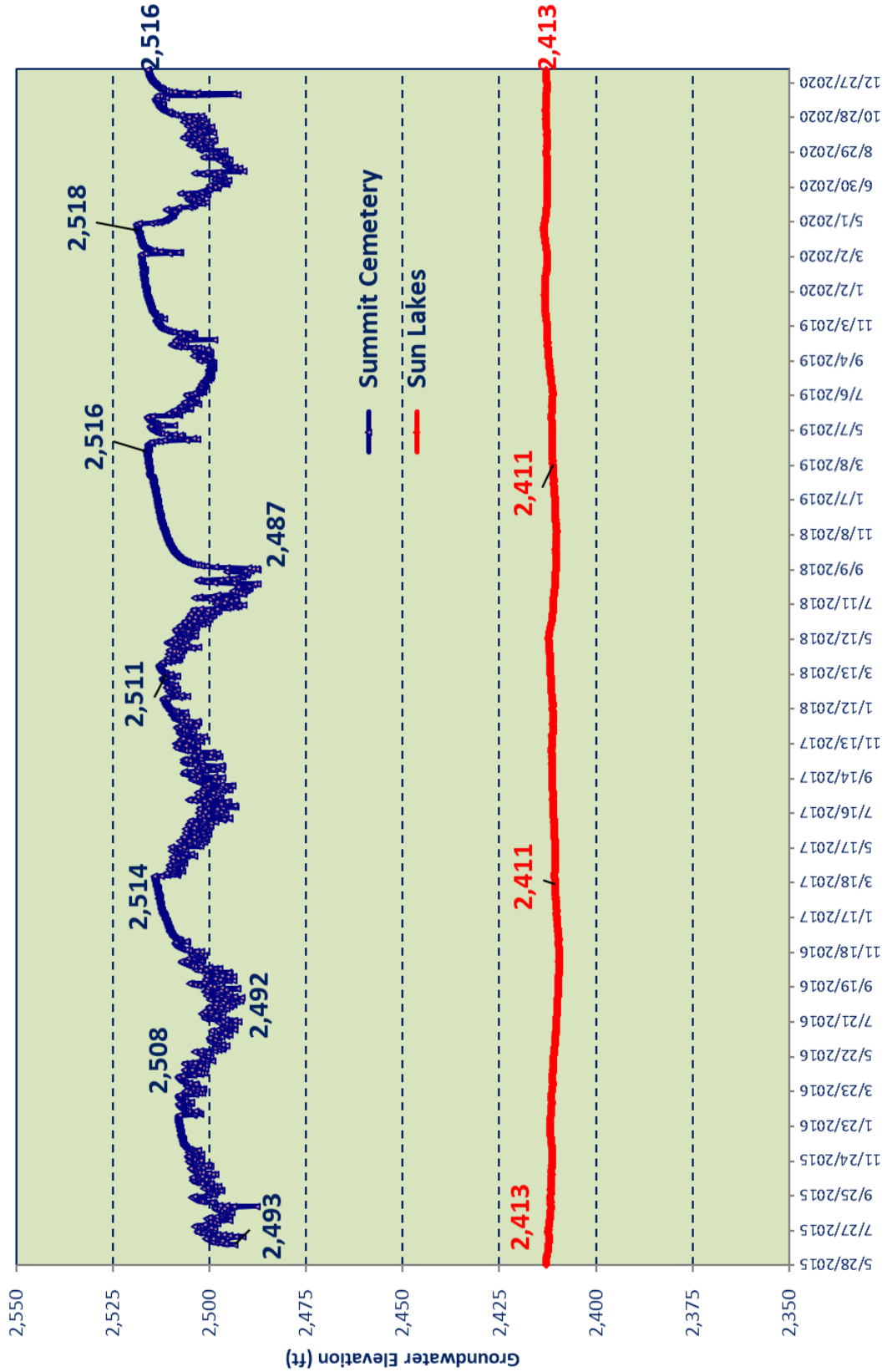


Figure No. 5
Static Groundwater Elevations in the Banning Area
 (May 28, 2015 through Jan 18, 2021)

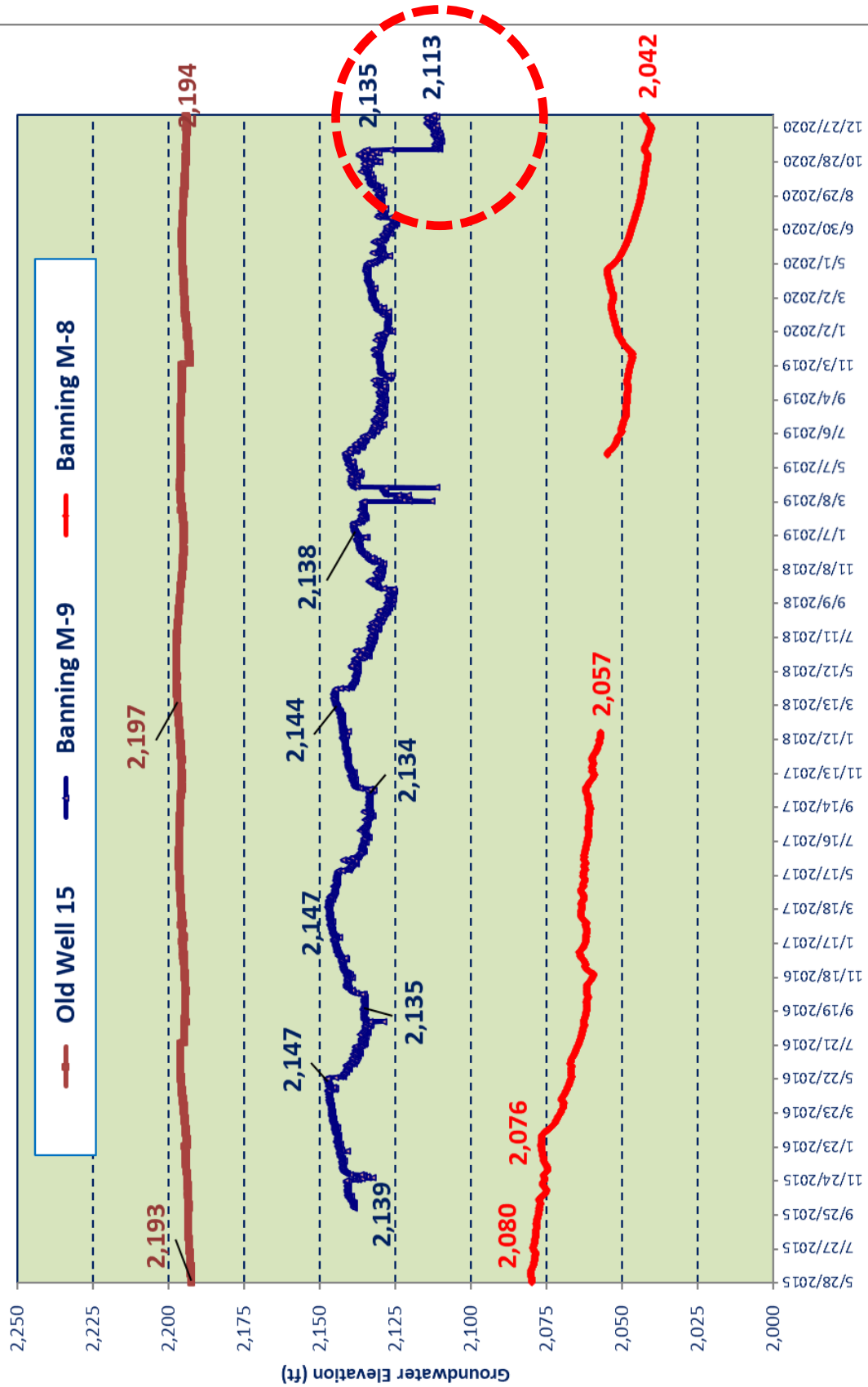


Figure No. 6
Static Groundwater Elevations at BCVWD Wells No. 2 and 25
 (May 28, 2015 through Jan 18, 2021)

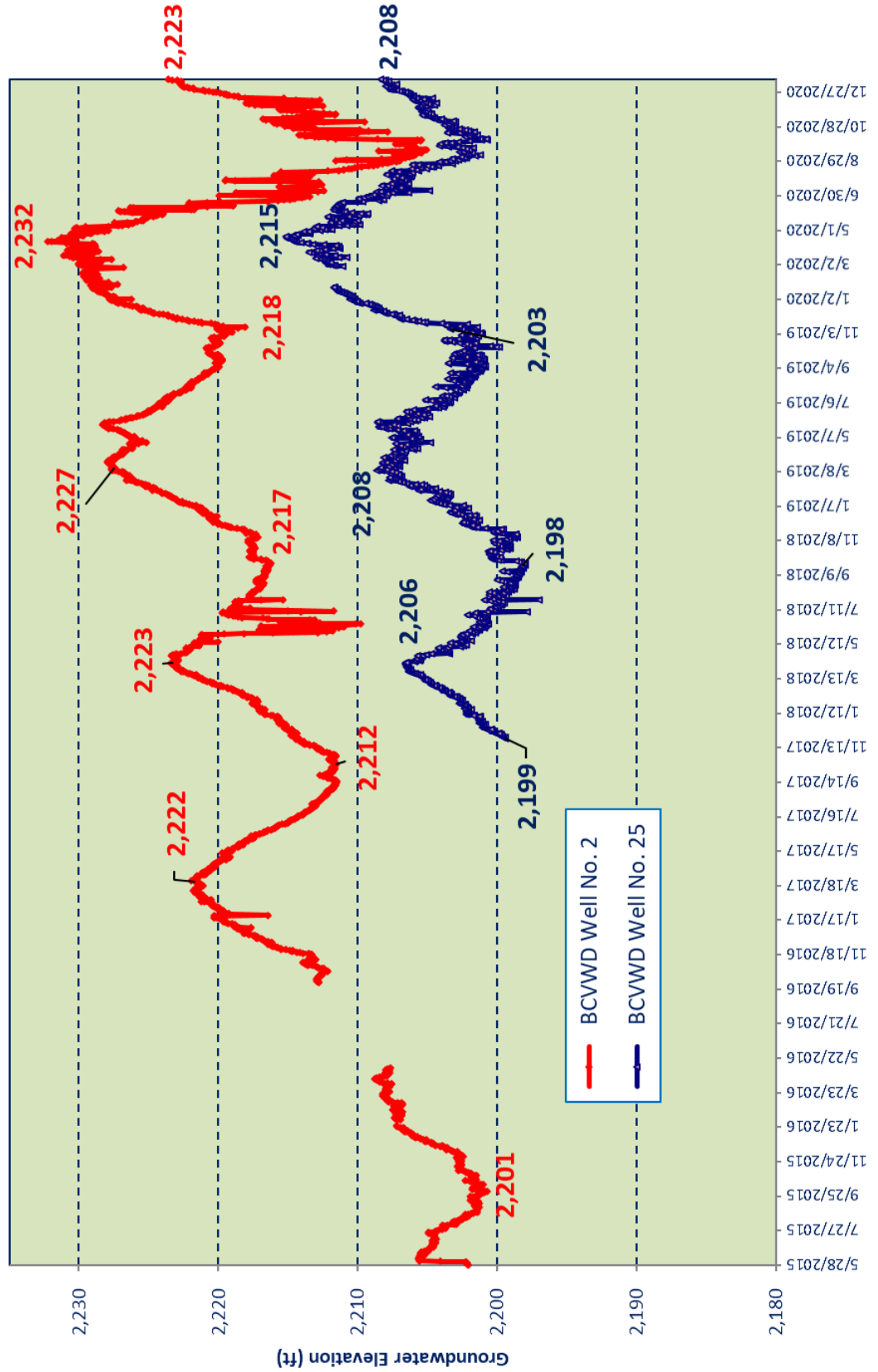
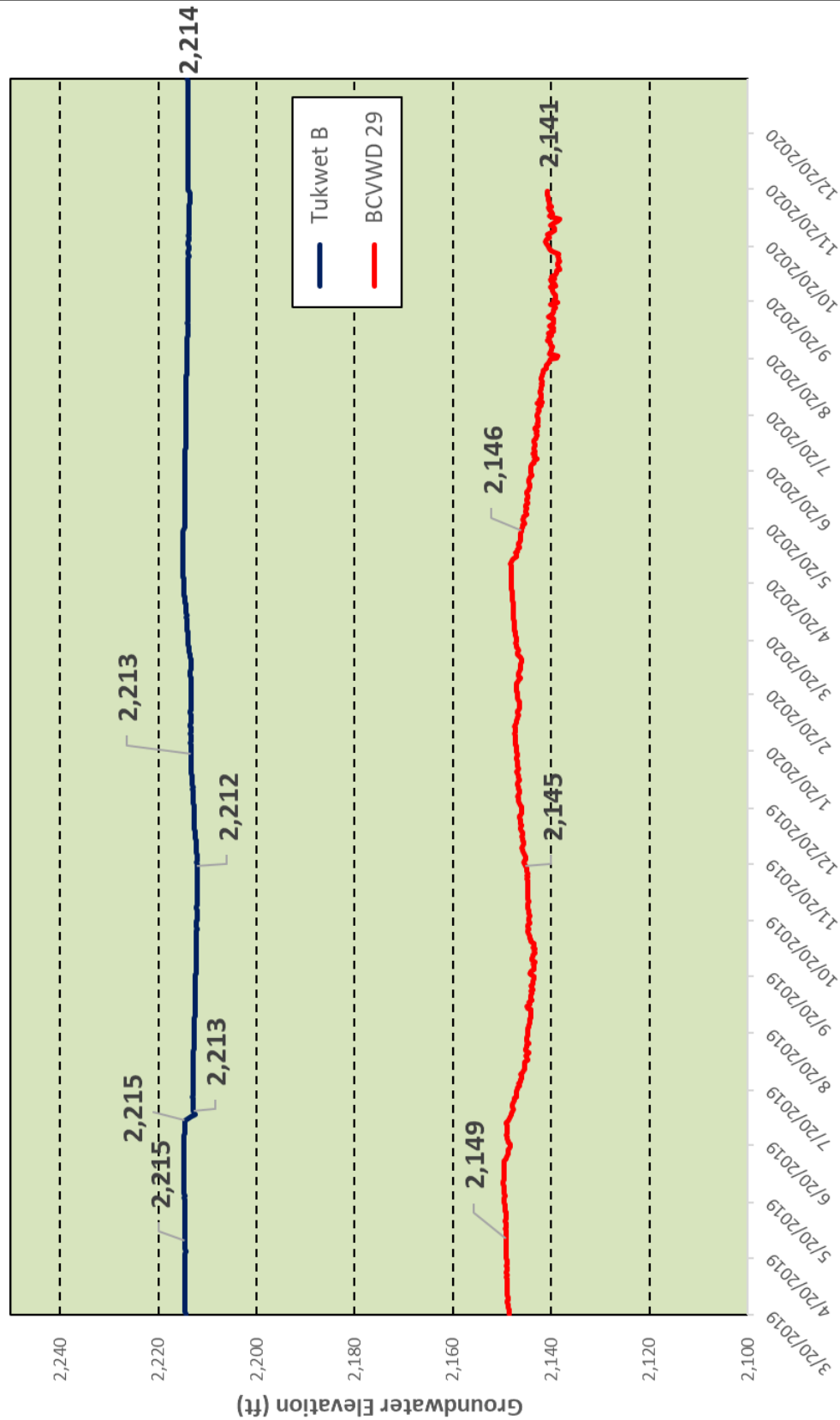


Figure No. 7
Static Water Level at BCVWD No. 29 and Tukwet Cyn Well B
 (Mar 20, 2019 through Jan 18, 2021)



BEAUMONT BASIN WATERMASTER

MEMORANDUM NO. 21-03

Date: February 3, 2021

From: Hannibal Blandon, ALDA Inc.

Subject: Monitoring Sites – Safety and Security

Recommendation: None – For Information Purposes Only

The groundwater level monitoring program has been running since 2015 collecting hourly water level data at 16 (Currently 15) selected monitoring well sites. In addition, there are two additional probes that collect barometric pressure on an hourly basis. Every two months, a few weeks before the regularly scheduled meetings of the Watermaster Committee, the sites are visited and data is downloaded and processed for subsequent presentation at the meetings.

Over the years, we have lost some of the probes and communications cables due to vandalism or to other causes. More recently, a barometric pressure probe disappeared from YVWD Well 34 without a plausible explanation.

A presentation of the installation of water level and barometric probes at each of the monitoring sites will be made at the February meeting to document their safety and security. Members of the Watermaster Committee will have an opportunity to ask questions and to provide input on the current installations.

BEAUMONT BASIN WATERMASTER

MEMORANDUM NO. 21-04

Date: February 3, 2021

From: Hannibal Blandon, ALDA Inc.

Subject: A Comparison of Production and Allowable Extractions for Calendar Year 2020

Recommendation: No recommendation - For informational purposes only.

This Technical Memorandum presents a comparison of production rights from the Basin against actual production by Appropriators. Production rights consist of the sum of: a) unused production by overlying users from 2015 as transferred to Appropriators for 2020; b) transfers of overlying water rights from OVP to YVWD to serve certain parcels within the Basin; and c) imported water spreading. Final numbers will be documented in the 2020 Annual Report.

Total production by Appropriators for the 2020 was 16,725 ac-ft; imported water spreading was reported at 11,255 ac-ft. Allowable production for the reporting period was estimated at 16,053 ac-ft. Transfers of Overlying Production from OVP to YVWD were 183.05 based on four (4) transfers from OVP to YVWD in 2018 and 2019. BCVWD and SMWC underproduced their rights while YVWD and the City of Banning overproduced them. All numbers are reported in ac-ft.

	City of Banning	Beaumont Cherry Valley Water District	South Mesa Mutual Water Company	Yucaipa Valley Water District	Total
Transfer of Overlying Rights from 2015	1,450	1,962	576	627	4,614
Transfer of Overlying Rights from OVP to YVWD	0	0	0	183	183
Imported Water	250	11,005	0	0	11,255
Total	1,700	12,967	576	810	16,053
Production	2,184	12,904	229	1,408	16,725
% of Total	128.5%	99.5%	39.8%	173.8%	104.2%
Storage Impact	-484	63	347	-598	-672

It should be noted that the SGPWA spread an additional 214 ac-ft of imported water in the basin.

BEAUMONT BASIN WATERMASTER

MEMORANDUM NO. 21-05

Date: February 3, 2021

From: Thomas Harder, TH&Co.

Subject: Task Order No. 17 – Progress Report

Recommendation: Presentation - No recommendation

On June 3, 2020, the Beaumont Basin Watermaster Board authorized ALDA Inc, in Association with Thomas Harder & Co., to proceed with the scope of services for Task Order No. 17, Change Order No. 2, to update the return flow accounting methodology for the Beaumont Basin.

In general, the principal updates included the following:

- ✓ Modifications to Indoor/Outdoor Water Use
- ✓ Further Evaluation of Landscape Irrigation Efficiency
- ✓ Incorporation of Additional Water Delivery Account Types
- ✓ Application of Refined Methodology to Recent Data

An update with respect to each of the above areas will be presented and discussed. Members of the Watermaster Committee will have an opportunity to ask questions and to provide input and comments on the work conducted.

BEAUMONT BASIN WATERMASTER MEMORANDUM NO. 21-06

Date: February 3, 2021

From: Thomas Harder, TH&Co.

Subject: Task Order No. 22 – Preliminary Results Presentation

Recommendation: Presentation - No recommendation

On June 3, 2020, the Beaumont Basin Watermaster Board authorized ALDA Inc, in Association with Thomas Harder & Co., to proceed with the scope of services for Task Order No. 22. The purpose of this task is to use the existing groundwater flow model, coupled with a solute transport model, to forecast potential changes in total dissolved solids (TDS) concentrations in groundwater associated with return flow.

Preliminary water quality results of the projected future TDS concentrations will be presented and discussed. Members of the Watermaster Committee will have an opportunity to ask questions and to provide comments on the work conducted.

BEAUMONT BASIN WATERMASTER

MEMORANDUM NO. 21-07

Date: February 3, 2021

From: Hannibal Blandon, ALDA Inc.

Subject: 2019 Revised Draft of the Beaumont Basin Watermaster Annual Report – Presentation of Comments

Recommendation: No Recommendation

At the December 2nd, 2020, an initial draft of the 2019 Annual Report was presented. During the presentation, a concern was raised about insufficient documentation of Section 3.4.2, “Transfers of Overlying Rights for Service by an Appropriator”. While the quantity of Overlying Rights transferred was properly documented, this section could have benefited from additional documentation related to the submittal of Form 5 by YVWD.

On December 12th, 2020, a revised draft of the 2019 Annual Report was e-mailed to all members of the Watermaster Committee, including their respective alternates. A number of comments have been received since and are summarized and attached. Minor editorial comments have not been included for discussion. Comments provided by the City of Banning and BCVWD have been addressed in the attachment. SMWC indicated that they did not have any comments on the revised draft. The City of Beaumont and YVWD did not provide any comments.

A formal presentation will be made at the February meeting to address the comments received and to discuss any other issues that the members of the Watermaster Committee may have. Please find attached the original e-mail transmitting the revised draft and a separate attachment summarizing the comments received.

The latest version of the 2019 Annual Report is available online from the Watermaster website or directly from <http://documents.yvwd.dst.ca.us/bbwm/documents/2019/2019annualreport-draft201212.pdf>

Beaumont Basin Watermaster 2019 Annual Report - Revised Draft - Dec 12, 2020

From: Anibal Blandon (blandona@aldaengineering.com)

To: avela@banningca.gov; lcardenas@banningca.gov; dan.jaggers@bcvwd.org; mark.swanson@bcvwd.org;
jzoba@yvwd.us; jares@yvwd.us; jeffh@beaumontca.gov; kylew@beaumontca.gov;
darmstrong@southmesawater.com; smwc@verizon.net; tmontoya@alvaradosmith.com;
tharder@thomashardercompany.com

Bcc: blandona@aldaengineering.com

Date: Saturday, December 12, 2020, 9:10 PM PST

All:

Please find attached a Revised Draft of the 2019 Beaumont Basin Watermaster Annual Report.

As you may know, an initial draft of the 2019 Annual Report was presented at the Regular December meeting of the Watermaster Committee. During the presentation, a concern was raised about insufficient documentation of Section 3.4.2, "Transfers of Overlying Rights for Service by an Appropriator". While the quantity of Overlying Rights transferred was properly documented, this section could have benefited from additional documentation related to the submittal of Form 5 by YVWD. It should be noted that Form 5 was discussed elsewhere in the original draft of the report.

Section 2.2.3, "Items Discussed in 2019", of the original draft of the annual report presents a summary of each of the 29 Technical Memoranda discussed during the regular and special meetings of the Watermaster Committee in 2019. The summary for TM 19-29 (12/2019) documents the submission of Form 5 by YVWD along with a brief narrative of the ensuing discussion. Additionally, the summary for TM 19-15 (6/25/19) documents the review of Form 5 as part of the approval of Resolution 19-02. Further, Forms 5 and 7 were also documented in Section 2.4, "Rules and Regulations", of the report.

In order to address the raised concern, additional documentation of Form 5 has been provided in Section 3.4.2. This revised section has been enhanced by some of the language already presented in Section 2 of the draft report. As requested, a copy of all meeting minutes in 2019 is included in Appendix B. A copy of YVWD's Form 5 is included in Appendix G.

History of Section 2.2.3, "Items Discussed in 2019"

Prior to 2011, documentation of individual technical memoranda was not provided. Under Section 2 of the annual report, the discussion was limited to the number and date of the regular and special meetings held during the year; the report referred the reader to the Watermaster website for access to official minutes.

Beginning in 2011, we introduced this section to provide a brief narrative of each item discussed during the year while referring the reader to the Watermaster website for complete documentation of the meeting minutes. The brief narrative initially provided in Section 2.2.3 has grown over the years and now includes a more detailed summary of the items discussed. In 2019 this section summarized 47 pages of meeting minutes into six pages discussing each of the 29 technical memoranda presented over the six regular and two special meetings in the year. A complete copy of all minutes is now included for the first time under Appendix B of the report.

Other Corrections Made in the Revised Draft Report

1.- Under Section 2.2.2, Watermaster Committee Resolutions, the narrative for Resolution 19-01 was erroneous and was reflective of Resolution 18-01 instead. However, the correct Resolution 19-01 was included in Appendix A of the initial draft report.

2.- Production by Oak Valley Partners in 2019, initially stated as 0 ac-ft, was revised to 2.5 ac-ft. This minor revision affects production, water transfers, and storage tables in the report as well as the Operating Safe Yield of the basin. Revised tables and narrative has been included in the revised draft.

3.- Other minor revisions in the report were added for clarification and they are printed in red for ease of identification, deletions have been strickentthrough.

We apologize for the mistake made and hope that the clarification provided in the Revised Draft meets your expectations. We welcome your thorough review of the revised draft report and look forward to addressing any comments you may have.

Best Regards

Hannibal Blandon
ALDA Inc.
909-587-9916



Beaumont Basin - 2019 Revised Draft Report - Dec 12, 2020.pdf
21.6MB

Section 2
Watermaster Activities

The last bullet under "Items Discussed During the December 4th, 2019 Regular Watermaster Committee Meeting", beginning on Page 2-7, has been edited to further clarify the discussion. A clarifying sentence has been added, shown in red, and another sentence has been struck through.

- Status of the Preparation of the 2018 Annual Report [Memorandum 19-29]. Engineer Blandon indicated that issues associated with Resolution 2019-02 have been discussed at length in the last several meetings and that they are affecting the completion of the 2018 annual report. He further stated that he would like the Watermaster Committee to provide guidance on this issue so that the draft report can be finalized. There was plenty of discussion between legal counsel and members of the Watermaster Committee on this issue without reaching an agreement. Member Zoba maintained that through the submission of Form 5, **dated Nov 19, 2019**, all the overlying rights from Oak Valley Partners would be transferred to YVWD effective October 9, 2018; however, other members disagreed. **Legal Counsel Montoya indicated that all the rights cannot be accounted for in 2018, only 180.4 to date.** ~~and were of the position that the overlying rights transferred to YVWD should be limited to 180.4 ac-ft for 2018 with the remainder effective in 2019.~~ After much discussion, the Committee voted to instruct Engineer Blandon to complete the 2018 annual report based on the 180.4 ac-ft of overlying rights transferred during 2018.

Section 3

Water Quality Conditions

3.1.3.2 Faults

The boundaries of the Beaumont Basin are based on faults that often form barriers to groundwater flow (Bloyd, 1971). Major faults in the area include the Banning and Cherry Valley faults, which form the northern boundary of the basin (see Figure 3-2). Groundwater levels within the Beaumont Basin are generally lower than groundwater levels in the surrounding areas. Along the Banning Fault, groundwater levels on the north side of the fault and outside the basin are as much as 400 ft higher than groundwater levels on the south side of the fault and inside the basin. The same condition has been observed along the southern Beaumont Basin boundary.

Question:

Is it worth mentioning the San Timoteo Canyon Fault which forms the southerly boundary of the basin?

Answer:

The assumption that the San Timoteo Fault forms the southern boundary of the Beaumont Basin Adjudicated area is not correct. The southern boundary of the basin was postulated by Bloyd (1971) based on groundwater level differences in the area. No fault has ever formally been mapped at this southern boundary. The San Timoteo Fault was identified by USGS (2006) but does not correlate to the adjudicated boundary.

*Section 3**Water Quality Conditions*

Under Section 3.4.2 Transfer of Overlying Rights for Service by an Appropriator, beginning on Page 3-9, a sentence was added, shown bold, underlined and in red, to further clarify the discussion.

At the Dec 4, 2019 Watermaster Meeting, YVWD submitted a Form 5, signed Nov 19, 2019, documenting the transfer of OVP's all original 1,806 / revised 1,398.90 ac-ft ("Earmarked Water") of Overlying Water Rights to the YVWD effective on October 9, 2018. This issue was extensively discussed between legal counsel and members of the Watermaster Committee without reaching an agreement. **The Watermaster Committee continued this discussion through 2020.** Details of this discussion are summarized in Section 2.2.3, beginning on Page 2-7, under Memorandum 19-29, of this report. Minutes for all Watermaster meetings in 2019 are presented in Appendix B. A copy of Form 5 submitted by YVWD is included under Appendix G.

Section 3
Water Quality Conditions

Groundwater production by BCVWD for the last three months in 2018 and all of 2019 was adjusted to reflect deliveries to the City of Banning as part of an agreement between these parties. A number of tables have been affected by this change, as follows:

- ✓ Table 3-1E – Appropriator Producer - Summary of Production for Calendar Year 2018
- ✓ Table 3-1F – Appropriator Producer – Summary of Production for Calendar Year 2019
- ✓ Table 3-3B – Production Summary for Appropriator and Overlying Producers (2011-19)
- ✓ Table 3-8 – Consolidation of Appropriator Production and Storage Accounts (2003-19)

It should be noted that there continue to exist minor discrepancies between the production numbers reported by the City of Banning and those reported by the BCVWD for 2019. This issue should be resolved between these two agencies over the next few days. The final agreed upon numbers will be incorporated into the final report.

Changes in those tables, highlighted in yellow, also affect the summary table for 2019 presented on Page 3-12 of the report, as shown below.

Agency / Party to the Judgment	Calendar Year 2019 (ac-ft)		
	Beginning	Ending	Change
City of Banning	52,200.4	51,737.5	-462.8
BCVWD	34,913.4	39,322.5	4,409.1
City of Beaumont	0.0	0.0	0.0
South Mesa Water Company	9,559.0	9,787.5	228.6
Yucaipa Valley Water District	16,622.8	16,885.7	263
Morongo Band of Mission Indians	0.0	0.0	0.0
San Geronio Pass Water Agency	0.0	257.8	257.8
TOTAL in storage	113,295.5	117,991.1	4,695.6

Table 3-1E
Appropriator Producer - Summary of Production for Calendar Year 2018 (ac-ft)

Owner & Well Name	Water Production by Appropriator (ac-ft) ⁽¹⁾												Total Production
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Banning, City of													
Well C2-A	3.2	1.1	0.5	0.5	0.4	22.8	24.8	37.9	69.0	11.0	4.0	0.1	175.5
Well C3	0.0	0.9	0.2	0.2	0.7	68.6	67.8	79.1	79.8	103.7	107.2	13.4	521.7
Well C4	0.6	4.3	3.2	30.6	66.6	58.2	87.2	100.5	118.3	135.0	139.7	109.2	853.4
Well M3	0.2	0.2	0.1	56.6	86.7	81.5	89.4	86.6	86.0	56.6	46.6	0.1	590.5
Well M9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
From BCVWD ⁽²⁾	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.6	52.6	28.6	119.7
Subtotal	4.1	6.5	4.0	87.9	154.4	231.2	269.2	304.1	353.0	344.9	350.1	151.5	2,260.8
Beaumont Cherry Valley Water District													
Well 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Well 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Well 3	0.0	0.0	0.0	0.0	7.8	99.0	19.0	0.0	0.0	0.0	0.0	0.0	125.9
Well 16	20.6	6.3	15.6	12.7	12.7	54.5	22.5	21.2	2.8	5.5	0.8	0.6	176.0
Well 21	193.0	163.9	179.2	215.1	258.0	284.3	294.3	294.0	284.3	196.7	242.6	186.1	2,791.4
Well 22	0.7	18.6	16.8	80.4	155.1	53.2	0.0	0.0	0.0	0.0	0.0	0.0	324.9
Well 23	247.9	177.8	125.8	189.6	201.8	214.9	268.5	248.1	237.7	208.8	157.3	81.0	2,359.3
Well 24	72.9	147.1	110.0	201.9	166.2	237.9	261.0	237.9	217.0	206.1	222.4	142.0	2,222.5
Well 25	0.0	0.0	2.5	108.9	227.8	261.2	272.7	251.9	273.4	224.5	247.7	190.3	2,060.8
Well 26	94.1	75.3	6.1	0.0	0.0	0.0	88.1	183.6	159.8	120.7	111.6	50.0	889.4
Well 29	112.3	119.8	89.5	111.2	0.0	94.5	233.3	238.8	185.5	150.2	29.8	13.9	1,378.7
Egg Ranch Well	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
To Banning ⁽²⁾	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.6	52.6	28.6	119.7
Subtotal	741.6	708.9	545.4	919.9	1,029.6	1,299.5	1,459.3	1,475.6	1,360.7	1,074.0	959.5	635.3	12,209.2
South Mesa Water Company													
3rd No. 4 Well	20.1	14.5	14.4	26.9	30.0	42.7	51.4	46.5	44.0	31.4	26.9	16.1	364.9
Subtotal	20.1	14.5	14.4	26.9	30.0	42.7	51.4	46.5	44.0	31.4	26.9	16.1	364.9
Yucaipa Valley Water District													
Well 35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Well 48	0.0	0.0	0.0	92.1	0.0	0.0	0.1	60.8	0.2	7.7	30.3	0.0	191.2
Subtotal	0.0	0.0	0.0	92.1	0.0	0.0	0.1	60.8	0.2	7.7	30.3	0.0	191.2
Total	765.7	729.9	563.9	1,126.8	1,214.0	1,573.3	1,779.9	1,886.9	1,757.9	1,458.0	1,366.8	802.9	15,026.1

(1) - All values rounded and subject to revision based on receipt of more accurate information
(2) - Pursuant to Part I, Paragraph 3 B of the Judgment, and a separate Agreement (a copy of which is on file with the Watermaster).

Table 3-1F
Appropriator Producer - Summary of Production for Calendar Year 2019 (ac-ft)

Owner & Well Name	Water Production by Appropriator (ac-ft) ⁽¹⁾												Total Production
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Banning, City of													
Well C2-A	6.0	25.4	17.5	0.6	3.7	11.2	25.7	39.0	44.8	26.3	0.9	1.4	202.4
Well C3	0.8	0.4	0.2	1.3	0.0	38.3	78.8	53.2	0.0	0.0	0.0	0.0	172.8
Well C4	105.4	7.4	15.8	146.7	144.5	110.0	100.0	109.9	118.0	61.6	80.7	6.4	1,006.4
Well M3	4.9	50.2	51.1	32.0	4.4	56.2	84.0	82.8	79.7	81.8	77.0	74.8	679.0
Well M9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
From BCVWD ⁽²⁾	16.9	1.0	4.8	10.0	5.4	6.5	6.0	3.6	0.5	3.6	0.7	1.6	60.7
Subtotal/	133.9	84.3	89.3	190.6	157.9	222.2	294.5	288.5	243.0	173.3	159.3	84.2	2,121.3
Beaumont Cherry Valley Water District													
Well 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Well 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Well 3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
Well 16	0.1	0.0	0.4	1.2	0.0	3.1	0.0	8.3	9.2	20.8	6.2	1.9	51.1
Well 21	186.1	168.1	71.1	240.8	206.3	237.4	256.9	242.5	227.1	256.6	237.3	158.7	2,488.8
Well 22	0.0	0.0	0.0	7.5	6.1	123.1	116.2	106.4	91.5	90.7	65.1	5.0	611.7
Well 23	82.1	106.1	42.6	85.9	27.3	113.3	240.6	280.6	229.9	189.5	176.2	172.3	1,746.4
Well 24	89.9	21.6	133.9	211.0	108.1	179.7	201.9	249.7	206.6	195.4	186.7	86.6	1,871.1
Well 25	196.2	95.2	201.4	216.7	249.4	244.6	307.7	298.4	280.5	277.1	171.9	59.1	2,598.4
Well 26	15.7	0.0	26.2	130.2	57.6	130.1	125.9	155.4	151.2	139.3	113.9	17.3	1,062.7
Well 29	6.3	5.4	1.6	0.0	4.4	49.7	194.9	224.4	167.0	76.5	30.1	10.4	770.8
Egg Ranch Well	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
To Banning ⁽²⁾	-16.9	-1.0	-4.8	-10.0	-5.4	-6.5	-6.0	-3.6	-0.5	-3.6	-0.7	-1.6	-60.7
Subtotal/	560.2	395.5	472.5	883.2	653.9	1,074.5	1,438.0	1,562.1	1,362.5	1,242.4	986.5	509.7	11,140.9
South Mesa Water Company													
3rd No. 4 Well	12.8	11.8	14.2	25.5	22.5	38.9	53.6	54.4	39.8	22.9	20.7	13.5	330.7
Subtotal/	12.8	11.8	14.2	25.5	22.5	38.9	53.6	54.4	39.8	22.9	20.7	13.5	330.7
Yucaipa Valley Water District													
Well 35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Well 48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	148.0	110.4	83.6	76.7	110.0	528.6
Subtotal/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	148.0	110.4	83.6	76.7	110.0	528.6
Total	706.9	491.6	576.1	1,099.3	834.3	1,335.5	1,786.1	2,053.0	1,755.8	1,522.2	1,243.2	717.4	14,121.5

(1) - All values rounded and subject to revision based on receipt of more accurate information

(2) - Pursuant to Part I, Paragraph 3 B of the Judgment, and a separate Agreement (a copy of which is on file with the Watermaster).

Table 3-3B
Production Summary for Appropriator and Overlying Producers in the Beaumont Basin
2011 through 2019 - Calendar Year Accounting (ac-ft)

	Annual Production (ac-ft)								
	2011	2012	2013	2014	2015	2016	2017	2018	2019
Appropriator Parties									
Banning, City of	1,341.7	1,038.3	2,100.7	2,585.1	1,678.3	1,472.7	1,443.5	2,260.8	2,121.30
Beaumont-Cherry Valley Water District	9,431.3	10,162.0	11,097.4	10,805.5	8,972.8	10,159.8	11,650.7	12,209.2	11,140.87
South Mesa Water Company	419.9	448.5	308.4	473.7	317.2	352.6	368.1	364.9	330.69
Yucaipa Valley Water District	534.1	700.1	1,030.8	1,198.5	119.2	4.6	0.1	191.2	528.63
Subtotal	11,727.1	12,348.9	14,537.2	15,062.8	11,087.4	11,989.7	13,462.4	15,026.1	14,121.5
Overlying Parties									
Beckman, Walter M	9.0	9.0	2.1	0.9	0.9	0.9	0.9	0.9	0.9
California Oak Valley Golf and Resort LLC	517.3	517.3	625.8	417.0	751.1	552.3	830.0	573.1	489.6
Merlin Properties	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Oak Valley Partners, LP	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Plantation on the Lake LLC	344.7	344.7	326.7	403.8	302.1	293.4	417.8	471.2	258.7
Rancho Calimesa Mobile Home Park	69.3	69.3	69.3	16.2	23.4	31.2	31.2	32.7	32.1
Roman Catholic Bishop of San Bernardino	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sharondale Mesa Owners Association	133.0	145.3	147.0	137.3	94.1	84.8	117.9	116.4	98.3
Tukwet Canyon Golf Club ¹	882.9	984.3	1,098.4	1,227.9	898.6	958.6	991.4	1,010.9	878.8
Stearns, Leonard M. and Dorothy D.	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Sunny-Cal Egg and Poultry Company	4.2	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
Albor Properties III, LP ²	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Nikodinov, Nick	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
McAmis, Ronald L.	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Aldama, Nicolas and Amalia	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Gutierrez, Hector, et. al.	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Darmont, Boris and Miriam	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Subtotal	1,971.4	2,085.4	2,284.8	2,218.7	2,085.7	1,936.7	2,404.7	2,220.7	1,773.9
Total	13,698.4	14,434.3	16,821.9	17,281.5	13,173.1	13,926.4	15,867.1	17,246.8	15,895.4

1.- Formerly known as the East Valley Golf Course and the Southern California Section of the PGA of America.

2.- Formerly Known as Sunny Cal North - Manheim, Manheim & Berman.

Table 3-8
Consolidation of Appropriator Production and Storage Accounts
Calendar Year Accounting (ac-ft) 2003 through 2019

Calendar Year	Storage Account Balance at Beginning of CY	Share of Surplus Water	Appropriative Rights	Production	Additions to Storage Account						Ending Account Balance	
					Under / Over Production ⁽¹⁾	Overlying Users Parcel Conversion	Unused Overlying Production Allocation	Transfers Among Appropriators	SWP Water Recharge	Local Recharge		Total Additions to Storage Account
City of Banning - Authorized Storage Account: 80,000 ac-ft												
2003	0.0	2,514.5	0.0	2,174.2	340.3	0.0	0.0	0.0	0.0	0.0	0.0	340.3
2004	340.3	5,029.0	0.0	3,397.3	1,631.7	0.0	0.0	0.0	0.0	0.0	0.0	1,631.7
2005	1,972.0	5,029.0	0.0	1,808.6	3,220.4	0.0	0.0	0.0	0.0	0.0	0.0	3,220.4
2006	5,192.5	5,029.0	0.0	1,827.5	3,201.5	0.0	0.0	0.0	0.0	0.0	0.0	3,201.5
2007	8,393.9	5,029.0	0.0	2,772.6	2,256.4	0.0	0.0	1,500.0	0.0	0.0	0.0	3,756.4
2008	12,150.3	5,029.0	0.0	2,933.6	2,095.4	0.0	592.2	0.0	1,534.0	0.0	0.0	4,221.6
2009	16,371.9	5,029.0	0.0	2,095.0	2,934.0	0.0	1,594.7	0.0	2,741.2	0.0	0.0	7,269.8
2010	23,641.8	5,029.0	0.0	1,143.6	3,885.4	0.0	1,683.8	0.0	1,338.0	0.0	0.0	6,907.2
2011	30,549.0	5,029.0	0.0	1,341.7	3,687.3	0.0	1,588.2	0.0	800.0	0.0	0.0	6,075.6
2012	36,624.5	5,029.0	0.0	1,038.3	3,990.7	0.0	1,679.5	0.0	1,200.0	0.0	0.0	6,870.2
2013	43,494.7	2,514.5	0.0	2,100.7	413.8	0.0	1,816.1	0.0	1,200.0	0.0	0.0	3,430.0
2014	46,924.7	0.0	0.0	2,585.1	-2,585.1	0.0	1,826.7	0.0	608.0	0.0	0.0	-150.4
2015	46,774.3	0.0	0.0	1,678.3	-1,678.3	0.0	2,097.5	0.0	694.0	0.0	0.0	1,113.2
2016	47,887.5	0.0	0.0	1,472.7	-1,472.7	0.0	2,099.1	0.0	1,477.0	0.0	0.0	2,103.4
2017	49,990.8	0.0	0.0	1,443.5	-1,443.5	0.0	2,083.2	0.0	1,350.0	0.0	0.0	1,969.8
2018	51,960.6	0.0	0.0	2,260.8	-2,260.8	0.0	2,000.6	0.0	500.0	0.0	0.0	239.8
2019	52,200.4	0.0	0.0	2,121.3	-2,121.3	0.0	1,408.5	0.0	250.0	0.0	0.0	-462.8

1 -- Negative values of under production indicate that the appropriator pumped more than its share of the operating yield.

Table 3-8
Consolidation of Appropriator Production and Storage Accounts
Calendar Year Accounting (ac-ft) 2003 through 2019

Calendar Year	Storage Account Balance at Beginning of CY	Share of Surplus Water	Appropriative Rights	Production	Additions to Storage Account							Ending Account Balance	
					Under / Over Production ⁽¹⁾	Overlying Users Parcel Conversion	Unused Overlying Production Allocation	Transfers Among Appropriators	SWP Water Recharge	Local Recharge	Total Additions to Storage Account		
Beaumont Cherry Valley Water District - Authorized Storage Account: 80,000 ac-ft													
2003	0.0	3,401.0	0.0	3,511.9	-110.9	0.0	0.0	0.0	0.0	0.0	0.0	-110.9	-110.9
2004	-110.9	6,802.0	0.0	6,873.9	-71.9	0.0	0.0	0.0	0.0	0.0	0.0	-71.9	-182.8
2005	-182.8	6,802.0	0.0	7,025.6	-223.6	0.0	0.0	0.0	0.0	0.0	0.0	-223.6	-406.4
2006	-406.4	6,802.0	0.0	9,054.1	-2,252.1	0.0	0.0	0.0	0.0	3,501.0	0.0	1,248.9	842.5
2007	842.5	6,802.0	0.0	11,383.3	-4,581.3	0.0	0.0	0.0	1,500.0	4,501.0	0.0	1,419.7	2,262.2
2008	2,262.2	6,802.0	0.0	10,710.5	-3,908.5	0.0	801.0	2,500.0	2,399.0	2,741.2	0.0	1,791.5	4,053.7
2009	4,053.7	6,802.0	0.0	10,133.9	-3,331.9	0.0	2,156.8	2,000.0	2,741.2	0.0	3,566.1	7,619.8	
2010	7,619.8	6,802.0	0.0	9,421.3	-2,619.3	0.0	2,277.4	0.0	5,727.0	0.0	5,385.1	13,004.9	
2011	13,004.9	6,802.0	0.0	9,431.3	-2,629.3	0.0	2,148.1	3,500.0	7,979.0	0.0	10,997.8	24,002.8	
2012	24,002.8	6,802.0	0.0	10,162.0	-3,360.0	0.0	2,271.5	0.0	7,783.0	0.0	6,694.5	30,697.3	
2013	30,697.3	3,401.0	0.0	11,097.4	-7,696.4	0.0	2,456.4	0.0	7,403.0	0.0	2,163.0	32,860.3	
2014	32,860.3	0.0	0.0	10,805.5	-10,805.5	0.0	2,470.6	0.0	4,405.0	0.0	-3,929.9	28,930.4	
2015	28,930.4	0.0	0.0	8,972.8	-8,972.8	0.0	2,836.9	0.0	2,773.0	0.0	-3,362.8	25,567.6	
2016	25,567.6	0.0	0.0	10,159.8	-10,159.8	0.0	2,839.1	0.0	9,319.0	0.0	1,998.3	27,565.9	
2017	27,565.9	0.0	0.0	11,650.7	-11,650.7	0.0	2,790.6	0.0	13,590.0	0.0	4,729.9	32,295.7	
2018	32,295.7	0.0	0.0	12,209.2	-12,209.2	0.0	2,705.9	0.0	12,121.0	0.0	2,617.7	34,913.4	
2019	34,913.4	0.0	0.0	11,140.9	-11,140.9	0.0	1,905.0	0.0	13,645.0	0.0	4,409.1	39,322.5	

1 -- Negative values of under production indicate that the appropriator pumped more than its share of the operating yield.

BEAUMONT BASIN WATERMASTER

MEMORANDUM NO. 21-08

Date: February 3, 2021

From: Joseph Zoba, Treasurer

Subject: Discussion Regarding Task Order No. 23 with ALDA Inc. for the Preparation of the 2020 Consolidated Annual Report, Estimate of the Basin Safe Yield, Update of the Groundwater Model, and Associated Consulting Services for 2021

Recommendation: That the Watermaster Committee authorizes up to 90 percent of the initial budget of \$95,970 and uses the remaining 10 percent as a contingency.

A new task order is necessary to authorize ALDA Inc. to provide technical support services to the Watermaster Committee during Calendar Year 2021. Task Order No. 23 was initially presented at the December 2, 2020 regular meeting for consideration by the Watermaster Committee.

The proposed scope of services for Task Order No. 23, consistent with previously years, provides for the preparation of the 2020 Consolidated Annual Report, estimate of the 2020 Safe Yield of the Beaumont Basin, and associated consulting services in support to Watermaster activities during CY 2021. In addition, this task order incorporates the annual update of the groundwater model to 2020 hydrologic conditions.

During the December meeting, concerns were raised as to the proposed upper limit for this task. Based on actual budget expenditures in 2019 and 2020, ALDA Inc., in association with Thomas Harder & Company, determined that this task could be completed within 90 percent of the initially proposed budget. This is based on actual expenditures for those two years of 93.1 percent and 86.9 percent of their approved budgets, respectively.

A 10 percent contingency could be set aside to cover expenses resulting from unforeseen conditions and/or out of scope services.

Excluding the 10 percent contingency, the financial impact associated with this task would result in a budget line item of \$86,373.00, and if approved would result in an invoice sent to each Watermaster Committee member in the amount of \$17,274.60. Full approval of the original budget of \$95,970.00 would result in an invoice sent to each Watermaster Committee member in the amount of \$19,194.00, a difference of \$1,919.40.

ALDA Inc.

5928 Vineyard Avenue
Alta Loma, CA 91701
Tel: (909) 587-9916
Fax: (909) 498-0423

December 2nd, 2020

Joseph B. Zoba, General Manager
Yucaipa Valley Water District
12770 Second Street
Yucaipa, California 92399

Subject: **Beaumont Basin Watermaster – Task Order No. 23
Preparation of the 2020 Operating Safe Yield and Annual Report and
Engineering Support Services for Calendar Year 2021**

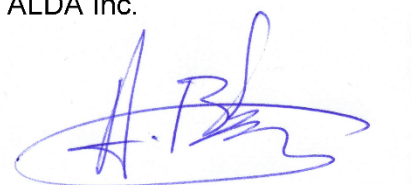
Dear Mr. Zoba:

Please find attached our proposed scope of services and consulting fee for Task Order No. 23 under the Engineering Services contract with the Beaumont Basin Watermaster dated May 10, 2012 and amended in February 2017. The proposed scope of services includes a) the preparation of the consolidated Annual Report for 2020, b) an estimate of the operating safe yield for 2020, c) the update of the groundwater model to include 2020 hydrologic data, and d) provide general consulting services in support to Watermaster activities during 2021.

We welcome your thorough review of our proposed scope services. Should you have any questions on our proposed services or need further information, please contact us at 909-587-9916 during normal business hours.

Very truly yours

ALDA Inc.



F. Anibal Blandon, P.E.
Principal

Beaumont Basin Watermaster – Task Order No. 23
2020 Annual Report and Associated Consulting Services for 2021

Dec 2nd, 2020

TASK OBJECTIVES

The objectives of Task No. 23 are as follows:

- A. Prepare the consolidated Annual Report for CY 2020
- B. Estimate the Operating Safe Yield for Calendar Year 2020
- C. Update groundwater model to include 2020 hydrologic data
- D. Provide general consulting support services during 2021

SCOPE OF SERVICES

Task 1 – Data Collection

The ALDA/TH&Co team will collect, compile, and tabulate the following data:

- ✓ Climate and hydrologic information
- ✓ Monitoring and data collection programs
- ✓ Monthly water production from member agencies
- ✓ Monthly imported water recharge by each party
- ✓ Monthly rainfall from the USGS, Army Corps, and/or National Weather Service
- ✓ Monthly static groundwater levels at dedicated monitoring wells and selected production wells from the water agencies
- ✓ Monthly deliveries of imported water, groundwater from other basins, and surface water diversions from various water agencies
- ✓ Semi-annual static groundwater levels from production wells
- ✓ Water quality information as documented in the California Department of Public Health database.
- ✓ Water quality information from the Beaumont Management Zone Maximum Benefit Program

Estimated Hours: 70 Hours

Estimated Cost: \$11,100.00

Task 2 – Preparation of Consolidated Annual Report and Engineering Report

The expanded annual report will consolidate the topics discussed in previous annual reports and those included in the bi-annual Engineering Report. The ALDA/TH&Co team will prepare a draft and a final annual report documenting the operations of the Beaumont Basin Watermaster. This includes water levels, water transfers between agencies, water production, assessment of basin conditions, carryovers, replenishment obligations and water quality conditions throughout the basin. In addition, the report will incorporate the results of the Operating Safe Yield analysis, conducted under Task 3 and long-term hydrographs from selected wells in the basin. The report will also include the annual independent financial reports (prepared by others) and a description of Watermaster activities and Board actions.

Beaumont Basin Watermaster – Task Order No. 23**2020 Annual Report and Associated Consulting Services for 2021****Dec 2nd, 2020**

With regards to water quality, the analysis will initially focus on Nitrate and TDS comparing them to Basin Objectives. In addition, the presence of selected constituents in drinking water will be documented. The report will document current water quality concentrations in relation to current Federal and State Drinking Water Standards.

Ten color copies of the draft and final annual reports will be provided along with a digital file of the report. In addition, an editable database will be provided that includes all supporting information for the annual report.

Estimated Hours: 264 Hours

Estimated Cost: \$39,940.00

Task 3 – Annual Determination of the Operating Safe Yield

The ALDA/TH&Co team will review groundwater levels, groundwater production, and groundwater recharge data for the Beaumont Basin area as a basis for determining the annual operating safe yield (OSY) of the basin for the Calendar Year 2020. The focus of the review will be groundwater level trends at the eight monitoring wells previously reported in the annual reports. Groundwater level trends will be evaluated in the context of groundwater production and basin and artificial recharge in order to make a determination of OSY.

The ALDA/TH&Co team will generate an Annual OSY Technical Memorandum (TM) that summarizes the analysis and provides a recommended OSY for the upcoming year. The TM will be suitable for incorporation into the Annual Report.

Estimated Hours: 89 Hours

Estimated Cost: \$11,490.00

Task 4 – Update Groundwater Model to 2020 Conditions

The ALDA/TH&Co team will prepare and input the 2019 groundwater levels, groundwater production, and artificial recharge into the groundwater flow model for analysis. The model will be run with the updated data and the results analyzed to validate the calibration. The budget for this task assumes that additional calibration will not be necessary.

Estimated Hours: 54 Hours

Estimated Cost: \$6,920.00

Beaumont Basin Watermaster – Task Order No. 23
2020 Annual Report and Associated Consulting Services for 2021

Dec 2nd, 2020

Task 5 – Review of Rules and Regulations

The ALDA/TH&Co team will review the existing Rules and Regulations annually to determine whether it reflects current policies/practices and will make recommendations that will be documented as part of the annual report.

Estimated Hours: 8 Hours

Estimated Cost: \$1,440.00

Task 6 – Meeting Attendance and Agenda Assistance

The ALDA/TH&Co team will prepare for, attend, and participate in up to six (6) regular Watermaster meetings in 2020. In addition, the ALDA/TH&Co team will assist in agenda preparation as required by Watermaster.

Estimated Hours: 136 Hours

Estimated Cost: \$25,080.00

SCHEDULE

A draft of the 2020 annual report and operating safe yield will be presented to the Beaumont Basin Watermaster at the April 2021 Board meeting. Comments on the draft annual report will be addressed and presented at the June, 2021 Board meeting. General consulting support services will be provided throughout the year.

COST ESTIMATE

Our estimated cost to perform the scope of work as outlined herein is \$95,970.00 (Ninety-Five Thousand Nine Hundred Seventy Dollars and 00/100); this estimate is based on 621 technical and administrative hours. The total overall cost is the same as similar task orders provided since 2017.

Billing rates for the 2021 Calendar Year are based on the new amended contract (2017) and are applicable through 2021.

Beaumont Basin Watermaster – Task Order No. 23
2020 Annual Report and Associated Consulting Services for 2021

Dec 2nd, 2020

Beaumont Basin Watermaster
Billing Rates for Task Order No. 23

Billing Rates for ALDA Inc.

Billing rates for Task Order No. 23:

<u>Position</u>	<u>Hourly Rate</u>
Project Manager	\$180.00
Project Engineer	\$150.00
Staff Engineer	\$130.00
Graphics / Designer Drafter	\$ 95.00
Clerical	\$ 65.00

Billing Rates for Thomas Harder and Company

Billing rates for Task Order No. 23:

<u>Position</u>	<u>Hourly Rate</u>
Principal Hydrogeologist	\$180.00
Senior Hydrogeologist	\$140.00
Project Hydrogeologist	\$120.00
Staff Hydrogeologist	\$ 95.00
Field Technician	\$ 70.00
Graphics	\$ 85.00
Clerical	\$ 65.00
Expert Witness	\$360.00

BEAUMONT BASIN WATERMASTER

MEMORANDUM NO. 21-09

Date: February 3, 2021

From: Joseph Zoba, Treasurer

Subject: Consideration of Resolution No. 2021-01 Amending Section 7 of the Rules and Regulations of the Watermaster by Eliminating Rule 7.3 Availability of Unused Overlying Production and Allocation to the Appropriator Parties

Recommendation: That the Watermaster Committee adopts Resolution No. 2021-01.

At the Beaumont Basin Watermaster meeting held on September 9, 2008, the Watermaster Committee adopted Rule 7.8 which transferred unused overlying water rights from the Overlying Owners identified on Exhibit B of the Stipulated Judgment to the storage accounts of the Appropriators. Pursuant to Rule 7.8, the transfer of unused water rights by the Overlying Parties occurs after five years.

The allocation of the unused overlying water rights are distributed to the Appropriators based on column 3 in Exhibit C as provided below.

Exhibit B
Overlying Owners and Their Water Rights

(1) Producer	(2) Average Production during 1997- 2001 (acre-ft/yr)	(3) Exercised Rights ¹ (acre-ft/yr)	(4) Projected Maximum Production (acre-ft/yr)
Beckman, Walt	0	0	75
Roman Catholic Bishop of San Bernardino	104	114	154
Rancho Calimesa Mobile Home Park	60	150	150
Riedman, Fred L. and Richard M.	540	550	550
Sunny-Cal Egg and Poultry Company ²	1,340	1,340	1,784
California Oak Valley Golf and Resort LLC	692	950	950
Leonard Stearn	0	0	200
Oak Valley Partners	510	553	1,806
So. California Professional Golf Association	680	1,688	2,200
Sharondale Mesa Owners Association	184	200	200
Plantation on the Lake	271	300	581
Totals	4,381	5,845	8,650

Note 1 -- Maximum Reported Production during 1997-2001

Note 2 -- The Exercised Right and Project Maximum Production are an aggregate right for defendants Sunny-Cal Egg and Poultry, and Manheim, Manheim and Berman

Exhibit C
Appropriators and Their Water Rights

(1) Producer	(2) Average Production during 1997-2001 (acre-ft/yr)	(3) Share of Safe Yield Allocated to Appropriators	(4) Initial Estimate of Appropriate Rights ¹ (acre-ft/yr)	(5) Controlled Overdraft and Supplemental Water Recharge Allocation ² (acre-ft/yr)	(6) Operating Yield (acre-ft/yr)
Banning, City of	2,170	31.43%	882	5,029	5,910
City of Beaumont	0	0.00%	0	0	0
Beaumont Cherry Valley Water District	2,936	42.51%	1,193	6,802	7,995
South Mesa Water Company	862	12.48%	350	1,996	2,346
Yucaipa Valley Water District	938	13.58%	381	2,173	2,554
Totals	6,906	100.00%	2,805	16,000	18,805

Note 1 -- Based on a 8,650 acre-ft/yr safe yield

Note 2-- Controlled overdraft will not exceed 160,000 acre-ft during for first ten years of operation under the physical solution.

The addition of Rule 7.8 to the Rules and Regulations of the Beaumont Basin Watermaster appears to have been completed by minute order without a resolution or notification to the parties of the Judgment.

Rules and Regulations of the Beaumont Basin Watermaster

- 7.8 Availability of Unused Overlying Production and Allocation to the Appropriator Parties.** Except as provided for in Section 7.0 herein, to the extent that groundwater pumping by an overlying party to the Judgment does not exceed five times the share of safe yield assigned to the overlying party during any five-year period (see column 4 of Exhibit B to the Judgment), the amount of groundwater not produced by such overlying party pursuant to its rights under the Judgment shall be available for allocation to the appropriator parties in accordance with their respective percentage shares of unused safe yield (see column 3 of Exhibit C to the Judgment). The availability and allocation of any such groundwater not produced by the overlying parties in accordance with their rights under the Judgment shall be first determined in fiscal year 2008/09 and every year thereafter. The table below illustrates the transfer process anticipated in the Judgment.

Available Unused Overlying Production in Fiscal	Will be Allocated to the Appropriator Parties in Fiscal
2003/04	2008/09
2004/05	2009/10
2005/06	2010/11
2006/07	2011/12
2007/08	2012/13
2008/09	2013/14
2009/10	2014/15
2010/11	2015/16
2011/12	2016/17
2012/13	2017/18

Groundwater not produced by the overlying parties in accordance with their rights under the Judgment and determined to be available for allocation to the appropriator parties pursuant hereto may be utilized by the appropriator parties in accordance with the terms of the Judgment and these Rules and Regulations. Neither this rule nor its operation shall be deemed or construed in any way to change, limit or otherwise affect any rights awarded to and held by the overlying parties pursuant to the Judgment. Nor shall this rule or its operation result in any liability to the overlying parties or be deemed or construed as a transfer, assignment, forfeiture or abandonment of any overlying rights under the Judgment.

An excerpt from the minutes of this Watermaster meeting are provided below with a complete overview of the meeting minutes attached to this memorandum.

6. Action Items

A. Approve Rule & Regulation 7.8 entitled "Availability of Unused Overlying Production and Allocation to the Appropriator Parties"

Schlange requested to change the word "transfer" to "allocate" throughout the memorandum regarding the Proposed Rule and Regulation 7.8 and the Proposed Rule and Regulation 7.8 itself. He also redefined the date of the allocation to February 4, 2009. Schlange recommended that the Watermaster approve Rule Number 7.8 and authorize staff to allocate the Unused Overlying Production to each appropriator in accordance with their percentage of basin yield as set forth in Exhibit C of the Judgment; The initial allocation to take place on or after February 4, 2009.

Motion made by Member Thacker to approve, seconded by Member Butcher. Motion passed with Member Zoba opposing.

In the Fifth Annual Report of the Beaumont Basin Watermaster in March 2009, the Watermaster started to report on the unused overlying water rights claimed by the Appropriator Parties.

3.2 Five-Year Production Summary

Table 3 shows the annual production summary for each Party since the inception of the Watermaster. The production values reported in Table 3 account for any updates made to prior years' reported production, as discussed in the preceding section. During the five years since the adjudication of the Basin, a total of 83,845 acre-ft of water has been pumped. Of this, 66,873 acre-ft was pumped by Appropriators, and 16,972 acre-ft was pumped by Overlying Producers. The minimum production during the five-year period was 14,927 acre-ft in fiscal 2004/05, and the maximum production was 19,415 acre-ft in fiscal 2007/08. The average across all five years is 16,769 acre-ft.

Beginning in fiscal 2008/09, any water allocated as part of the safe yield to Overlying Producers during the prior five years that remains unused will be reallocated to the Appropriators. The unused water will be reallocated based on each Appropriator's percent

March 2009
038-018-007

3-2



share of the operating safe yield, as shown in Exhibit C of the Judgment, and will have no impact on the legal water right held by the Overlying Parties in subsequent years. The precise accounting rules that describe how this allocation will be achieved were finalized at the September 9, 2008 Watermaster Committee meeting. The first quantities of water reallocated to the Appropriator Parties under this provision of the Judgment will occur on February 4, 2009.

In the Sixth Annual Report of the Beaumont Basin Watermaster (April 2010), the allocation percentages for the distribution of Overlying Water Rights were included for each Appropriator:

- City of Banning - 31.43%
- City of Beaumont - 0%
- Beaumont Cherry Valley Water District - 42.51%
- South Mesa Water Company - 12.48%
- Yucaipa Valley Water District - 13.58%

Table 4
Summary of Unused Overlying Water
Fiscal Years 2003/04 through 2008/09
(acre-ft)

Watermaster Accounting Year	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09
Annual Overlying Water Right	8,650	8,650	8,650	8,650	8,650	8,650
Annual Overlying Production	4,179	3,415	3,372	3,501	2,828	2,908
Unused Overlying Water Right	4,471	5,235	5,278	5,149	5,822	5,742

Table 5
Allocation of Unused Overlying Water
Fiscal Years 2008/09 through 2013/14
(acre-ft)

Appropriator Party	Share of Safe Yield	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14
Banning, City of	31.43%	1,405	1,645	1,659	1,618	1,830	1,805
Beaumont, City of	0.00%	0	0	0	0	0	0
Beaumont Cherry Valley Water District	42.51%	1,901	2,225	2,244	2,189	2,475	2,441
South Mesa Water Company	12.48%	558	653	659	643	727	717
Yucaipa Valley Water District	13.58%	607	711	717	699	791	780
Total	100.00%	4,471	5,235	5,278	5,149	5,822	5,742

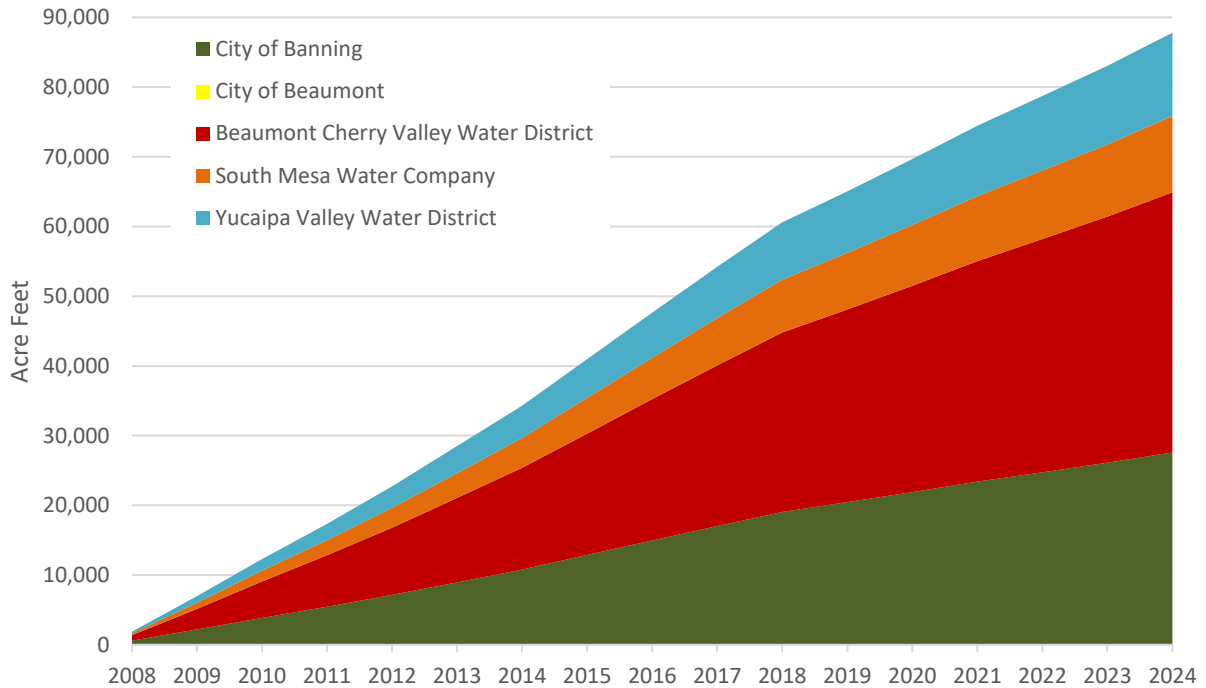
On June 25, 2019, the Watermaster Committee adopted Resolution No. 2019-02 modifying the Rules and Regulations of the Beaumont Basin Watermaster. This changed the former Rule 7.8 to be referenced as Rule 7.3

The draft 2019 Consolidated Annual Report and Engineering Report, Table 3-7 (below) illustrates the total amount of unused overlying water rights that have been allocated and claimed by the Appropriators since the adoption of Rule 7.3 (formally Rule 7.8).

Using this table and the information from Table 3-8, the impact of Rule 7.3 (formerly Rule 7.8) shows that as of 2019 there will be a total of 87,798 acre feet of unused overlying water rights transferred from the Beaumont Basin to the Appropriator storage accounts in 2024. This will represent 77% of the total water in storage by 2024 if no additional supplemental water is added to the storage accounts of the Appropriators (Table 3-8). **It is critical for the Watermaster Committee members to determine the validity of this water right and the claims to this water resource in order to accurately represent the regional water conditions for the preparation of the 2020 Urban Water Management Plans due later this year.**

The charts below show the total accumulation of unused overlying water transferred to appropriators and the percentage of water in storage originating from the unilaterally asserted rights of unused overlying water in the Beaumont Basin.

Accumulated Unused Overlying Water Rights



Percentage of Water in Storage Originating from the Transfer of Unused Overlying Water Rights in 2019 - Watermaster Rule 7.3

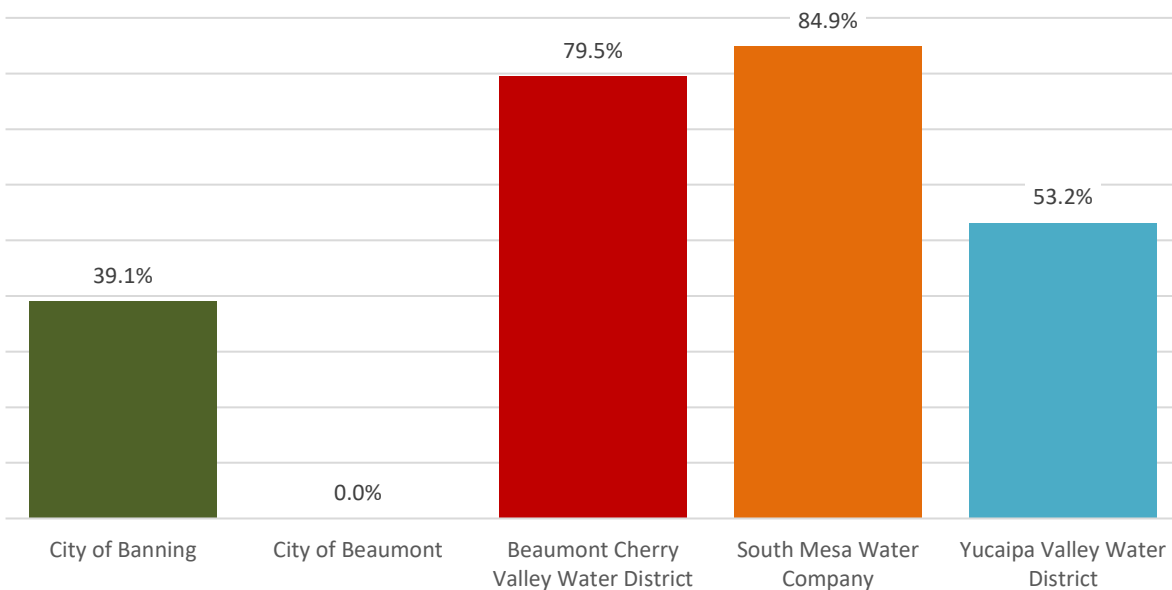


Table 3-7
Summary of Unused Overlying Water and Allocation to Appropriators (ac-ft)

Accounting Year	Overlying Water Right	Overlying Production	Unused Overlying Water Right	Allocation Year	City of Banning	City of Beaumont	Beaumont Cherry Valley WD	South Mesa Water Co.	Yucaipa Valley Water District	Total
2003	4,325	2,441	1,884	2008	592	0	801	235	256	1,884
2004	8,650	3,576	5,074	2009	1,595	0	2,157	633	689	5,074
2005	8,650	3,293	5,357	2010	1,684	0	2,277	669	728	5,357
2006	8,650	3,597	5,053	2011	1,588	0	2,148	631	686	5,053
2007	8,650	3,307	5,343	2012	1,679	0	2,272	667	726	5,343
2008	8,650	2,872	5,778	2013	1,816	0	2,456	721	785	5,778
2009	8,650	2,838	5,812	2014	1,827	0	2,471	725	789	5,812
2010	8,650	1,976	6,674	2015	2,097	0	2,837	833	906	6,674
2011	8,650	1,971	6,679	2016	2,099	0	2,839	833	907	6,679
2012	8,650	2,085	6,565	2017	2,063	0	2,791	819	891	6,565
2013	8,650	2,285	6,365	2018	2,001	0	2,706	794	864	6,365
2014	6,700	2,219	4,481	2019	1,408	0	1,905	559	609	4,481
2015	6,700	2,086	4,614	2020	1,450	0	1,962	576	627	4,614
2016	6,700	1,937	4,763	2021	1,497	0	2,025	594	647	4,763
2017	6,700	2,405	4,295	2022	1,350	0	1,826	536	583	4,295
2018 ¹	6,520	2,221	4,299	2023	1,351	0	1,827	536	584	4,299
2019 ²	6,517	1,774	4,743	2024	1,491	0	2,016	592	644	4,743

1.- In 2018, Oak Valley Partners, through three assignments, transferred a combined total of 180.40 ac-ft of Overlying Rights to the YVWD to serve certain parcels in the Beaumont Basin.

2.- In 2019, Oak Valley Partners, through a single assignment, transferred 2.65 ac-ft of Overlying Rights to the YVWD to serve certain parcels in the Beaumont Basin.

The Judgment does not include language that permits the Appropriator Parties to receive a gift of unused groundwater. The allocation of unused groundwater was not addressed in the Judgment and the Judgment provides no mechanism for this imaginative allocation of groundwater to be extracted by the Appropriators. Specifically, Appropriator Production Rights (Judgment, I.3.B) are strictly limited to:

“...an Appropriator’s share of Operating Yield, plus (1) any water acquired by an Appropriator from an Overlying Producer or other Appropriator pursuant to this Judgment, (2) any water withdrawn from the Appropriator’s storage account, (3) and New Yield created by the Appropriator”.

The Operating Yield (Judgment, I.3.M) is defined as

“the maximum quantity of water which can be produced annually by the Appropriators from the Beaumont Basin, which quantity consists of Appropriative Water plus Temporary Surplus.

In summary, the unused overlying water rights gifted and claimed by the Appropriators with the creation of Rule 7.3 is inconsistent with the Judgment and may be providing a false sense of security of the available water supplies in the Pass area thereby impacting decisions by elected officials, developers, property owners, and customers. Therefore, Rule 7.3 should be rescinded immediately and Appropriator storage accounts should be reduced to reflect the elimination of the accumulated quantity of unused overlying water no later than December 31, 2020.

RESOLUTION NO. 2021-01

A RESOLUTION OF THE BEAUMONT BASIN WATERMASTER TO AMEND SECTION 7 OF THE RULES AND REGULATIONS OF THE WATERMASTER

WHEREAS, the Stipulated Judgment establishing the Beaumont Basin Watermaster (Riverside Superior Court Case No. 389197) empowers the Beaumont Basin Watermaster to adopt appropriate rules and regulations for the conduct of Watermaster affairs.

NOW, THEREFORE, BE IT RESOLVED BY THE BEAUMONT BASIN WATERMASTER AS FOLLOWS:

1. The Beaumont Basin Watermaster hereby rescinds Section 7.3 of the Beaumont Basin Watermaster Rules and Regulations in its entirety.
2. The consultant preparing the 2020 Consolidated Annual Report and Engineering Report ("Report") is directed to reference this Resolution No. 2021-02 and provide a narrative describing the claims by the Watermaster Committee to the unused overlying water rights and to update all tables, figures, and text to show the reduction of volumes in storage accounts that received allocations from the distribution of unused overlying water rights pursuant to Rule 7.3 (formerly Rule 7.8). The quantity of storage account reductions shall be shown in tables with an indication or footnote dating the removal of unused overlying water rights on December 31, 2020.
3. The Secretary of the Watermaster is hereby authorized and directed to disseminate copies of this Resolution to all pumpers within the Beaumont Basin, the San Geronio Pass Water Agency, and other interested parties, and to incorporate such Amendment in the Rules and Regulations of the Watermaster and maintain same on its website for reference.

PASSED AND ADOPTED this 3rd day of February 2021.

BEAUMONT BASIN WATERMASTER

By: _____
Art Vela, Chairman of the
Beaumont Basin Watermaster

Attachment A

SECTION 7 ADJUSTMENTS OF RIGHTS

7.0 In General. Overlying Parties shall have the right to exercise their respective Overlying Water Rights except to the extent provided in Section III, Paragraph 3, entitled Adjustment of Rights, of the Judgment. (Judgment, p. 8, lines 12-14).

- (a) To the extent any Overlying Party requests, and uses its adjudicated water rights to obtain water service from an Appropriator Party, an equivalent volume of potable groundwater shall be earmarked by the Appropriator Party which will serve the Overlying Party, up to the volume of the Overlying Water Rights as reflected in Column 4 of Exhibit "B" of the Judgment, for the purpose of serving the Overlying Party. (Judgment, p. 8, lines 15-27).
- (b) When an Overlying Party receives water service as provided for in paragraph 7(a), the Overlying Party shall forebear the use of that volume of the Overlying Water Right earmarked by the Appropriator Party. The Appropriator Party providing such service shall have the right to produce the volume of water foregone by the Overlying Party, in addition to other rights otherwise allocated to the Appropriator Party. (Judgment, p. 8, line 28 – p. 9, line 7).
- (c) Should the volume of the Overlying Water Right equal or exceed the volume of potable groundwater earmarked as provided in paragraph 7(a), the Appropriator Party which will serve the Overlying Party shall:
 - (i) Impose potable water charges and assessments upon the Overlying Party and its successors in interest at the rates charged to the then-existing regular customers of the Appropriator Party, and
 - (ii) Not collect from such Overlying Party any development charge that may be related to the importation of water into the Beaumont Basin.
- (d) If an Appropriator Party provides recycled water to serve an overlying use served with groundwater, then the Overlying Water Right shall not be diminished by the receipt of recycled water.

7.1 Notice of Adjustment of Rights from an Overlying Pumper to an Appropriator. The Overlying Pumper and Appropriator shall complete a Notice of Adjustment of Rights (Form 5 - Notice to Adjust Rights of an Overlying Party due to Proposed Provision of Water Service by an Appropriator) and file it with the Watermaster.

- (a) Accounting for Transfers. Watermaster shall maintain an accounting of acquisitions by Appropriators of water otherwise subject to Overlying Water Rights as the result of the provision of water service by an Appropriator. The Watermaster shall maintain an accounting of all transfers, and such accounting shall be included in the Annual Report and other relevant Watermaster reports as appropriate.

7.2 Transfer of Water Between Appropriators. Any Appropriator may transfer all or any portion of its Appropriator's Production Right or Operating Yield that is surplus to its needs to another Appropriator in accordance with these Rules and Regulations. The

Watermaster shall maintain an accounting of all transfers, and such accounting shall be included in the Annual Report and other relevant Watermaster reports as appropriate.

~~7.3 Availability of Unused Overlying Production and Allocation to the Appropriator Parties. Except as provided for in Section 7.0 herein, to the extent that groundwater pumping by an overlying party to the Judgment does not exceed five times the share of safe yield assigned to the overlying party during any five-year period (see column 4 of Exhibit B to the Judgment), the amount of groundwater not produced by such overlying party pursuant to its rights under the Judgment shall be available for allocation to the appropriator parties in accordance with their respective percentage shares of unused safe yield (see column 3 of Exhibit C to the Judgment). The availability and allocation of any such groundwater not produced by the overlying parties in accordance with their rights under the Judgment shall be first determined in fiscal year 2008/09 and every year thereafter. The table below illustrates the allocation process anticipated in the Judgment.~~

Available Unused Overlying Production in Fiscal	Will be Allocated to the Appropriator Parties in Fiscal
2003/04	2008/09
2004/05	2009/10
2005/06	2010/11
2006/07	2011/12
2007/08	2012/13
2008/09	2013/14
2009/10	2014/15
2010/11	2015/16
2011/12	2016/17
2012/13	2017/18

~~Groundwater not produced by the overlying parties in accordance with their rights under the Judgment and determined to be available for allocation to the appropriator parties pursuant hereto may be utilized by the appropriator parties in accordance with the terms of the Judgment and these Rules and Regulations. Neither this rule nor its operation shall be deemed or construed in any way to change, limit, or otherwise affect any rights awarded to and held by the overlying parties pursuant to the Judgment. Nor shall this rule or its operation result in any liability to the overlying parties or be deemed or construed as a transfer, assignment, forfeiture, or abandonment of any overlying rights under the Judgment.~~

Adjusted Water Rights Pursuant to Section 3 of the Judgment
(Example Tabulation for Annual Reporting Purposes)

Overlying Party to the Judgment	2004 Initial Overlying Water Right (acre feet)	2014 Updated Overlying Water Right (acre feet)	Beaumont Cherry Valley Water District		Yucaipa Valley Water District	
			Earmarked	Transferred	Earmarked	Transferred
California Oak Valley Golf and Resort	950.0	735.8	0	0	0	0
Plantation on the Lake	581.0	450.0	0	0	0	0
Sharondale Mesa Owners Association	200.0	154.9	0	0	0	0
Tukwet Canyon Golf Club	2,200.0	1704.0	0	0	0	0
Rancho Calimesa Mobile Home Park	150.0	116.2	0	0	0	0
Gutierrez, Hector, et.al.	10.0	7.7	0	0	0	0
Darmont, Boris and Miriam	2.5	1.9	0	0	0	0
Aldama, Nicolas and Amalia	7.0	5.4	0	0	0	0
McAmis, Ronald L.	5.0	3.9	0	0	0	0
Nikodinov, Nick	20.0	15.5	0	0	0	0
Beckman, Walter M.	75.0	58.1	0	0	0	0
Albor Properties III	300.0	232.4	0	0	0	0
Sterns, Leonard M., and Dorothy D.	200.0	154.9	0	0	0	0
Sunny-Cal Egg and Poultry Company	1,439.5	1,115.0	0	0	0	0
Merlin Properties	550.0	426.0	0	0	0	0
Oak Valley Partners	1,806.0	1,215.85	0	0	2.65	180.40
Roman Catholic Bishop of San Bernardino	154.0	119.3	0	0	0	0
Total	8,650.0¹		6,700.0²			

1. Original Safe Yield - February 4, 2004

2. Recalculated Safe Yield - Resolution No. 2015-01

NOTICE TO ADJUST RIGHTS OF AN OVERLYING PARTY DUE TO PROPOSED PROVISION OF WATER SERVICE BY AN APPROPRIATOR

Please take notice that _____ (“Appropriator”) proposes to provide retail water service to _____ (“Overlying Owner”) and that _____ acre feet (“Earmarked Water”) of Overlying Water Rights will be transferred to the Appropriator when the Overlying Owner receives water service.

Notice is hereby given that the Watermaster will reduce the Overlying Owner’s Overlying Water Right(s) (as shown in Exhibit B, Column 4 of the Judgment and modified by the redetermination of safe yield) by the amount of Earmarked Water and adjust the Appropriative Water Rights of the Appropriator effective on the day when water service is first provided by the Appropriator.

OVERLYING OWNER

APPROPRIATOR

_____	_____
Overlying Party	Appropriator Party
_____	_____
Authorized Agent – Print Name	Authorized Agent – Print Name
_____	_____
Title	Title
_____	_____
Signature	Signature
_____	_____
Date	Date
_____	_____
Address for Notice	Address for Notice
_____	_____
Telephone	Telephone
_____	_____
Email Address	Email Address

For Watermaster Use
Date Form is Received:
Date Earmarked Water is First Used:

**NOTICE OF TRANSFER OF APPROPRIATOR PRODUCTION RIGHT OR
OPERATING YIELD BETWEEN APPROPRIATORS**
Calendar Year _____

Notice is hereby given that commencing on January 1, _____ and terminating on December 31, _____, _____ ("Transferor") hereby transfers to _____ ("Transferee") the quantity of _____ acre-feet of corresponding Appropriator Production Right or Operating Yield adjudicated to Transferor or its predecessor in interest in the Judgment rendered in the Case of SAN TIMOTEO WATERSHED MANAGEMENT AUTHORITY vs. CITY OF BANNING, et. Al., RIC 389197, entered on February 4, 2004.

TRANSFEROR

TRANSFEE

Entity Name

Entity Name

Authorized Agent – Print Name

Authorized Agent – Print Name

Title

Title

Signature

Signature

Date

Date

Address for Notice

Address for Notice

Telephone

Telephone

Email Address

Email Address

For Watermaster Use

Date Form is Received:

Date Earmarked Water is First Used:

Beaumont Basin Watermaster

560 Magnolia Avenue
Beaumont, CA 92223
www.beaumontwatermaster.com

Office (951) 845-9581
Mobile (760) 574-6236
Email Jasa921@aol.com

To: Beaumont Basin Watermaster

From: J. Andrew Schlange, Chief of Watermaster Services

Date: September 9, 2008

Subject: Proposed Rule and Regulation 7.8 entitled "Availability of Unused Overlying Production and Allocation to the Appropriator Parties"

Background

The Proposed Rule and Regulation 7.8 has been reviewed and discussed at Watermaster meetings on May 27 and June 10, 2008.

Comments and concerns have been received from Paeter Garcia from Best Best and Krieger relative to this matter. Staff and legal Counsel have satisfied Mr. Garcia's concerns and are now ready to proceed with Watermaster approval to implement Proposed Rule and Regulation 7.8.

The effective date of the initial transfer of available Unused Overlying production and allocation to the appropriator parties will be February 4, 2009.

Recommendation

Staff respectfully recommends that Watermaster approve Rule Number 7.8 and authorize staff to allocate the unused Overlying Production to each appropriator in accordance with their percentage of basin yield as set forth in Exhibit C of the Judgment; Such transfer to take place on or after February 4, 2009.

Respectfully,

J. Andrew Schlange

Rules and Regulations of the Beaumont Basin Watermaster

- 7.8 Availability of Unused Overlying Production and Allocation to the Appropriator Parties.** Except as provided for in Section 7.0 herein, to the extent that groundwater pumping by an overlying party to the Judgment does not exceed five times the share of safe yield assigned to the overlying party during any five-year period (see column 4 of Exhibit B to the Judgment), the amount of groundwater not produced by such overlying party pursuant to its rights under the Judgment shall be available for allocation to the appropriator parties in accordance with their respective percentage shares of unused safe yield (see column 3 of Exhibit C to the Judgment). The availability and allocation of any such groundwater not produced by the overlying parties in accordance with their rights under the Judgment shall be first determined in fiscal year 2008/09 and every year thereafter. The table below illustrates the transfer process anticipated in the Judgment.

Available Overlying Production in Fiscal	Unused	Will be Allocated to the Appropriator Parties in Fiscal
2003/04		2008/09
2004/05		2009/10
2005/06		2010/11
2006/07		2011/12
2007/08		2012/13
2008/09		2013/14
2009/10		2014/15
2010/11		2015/16
2011/12		2016/17
2012/13		2017/18

Groundwater not produced by the overlying parties in accordance with their rights under the Judgment and determined to be available for allocation to the appropriator parties pursuant hereto may be utilized by the appropriator parties in accordance with the terms of the Judgment and these Rules and Regulations. Neither this rule nor its operation shall be deemed or construed in any way to change, limit or otherwise affect any rights awarded to and held by the overlying parties pursuant to the Judgment. Nor shall this rule or its operation result in any liability to the overlying parties or be deemed or construed as a transfer, assignment, forfeiture or abandonment of any overlying rights under the Judgment.

**RECORD OF THE MINUTES OF THE
Beaumont Basin Watermaster
September 9, 2008**

Watermaster Members Present:

City of Banning:	George Thacker (Alternate for the City of Banning)
City of Beaumont:	David Dillon (Alternate for the City of Beaumont)
Beaumont Cherry Valley Water District:	Charles J. Butcher
South Mesa Water Company:	George Jorritsma
Yucaipa Valley Water District:	Joseph Zoba

Watermaster Members Absent:

City of Banning:	Jim Earhart
City of Beaumont:	Dee Moorjani

Consultants Present:

Andrew J. Schlange	Chief of Watermaster Services
Mike Plinski	Wildermuth Environmental
Mark Wildermuth	Wildermuth Environmental
Samantha Stevens	Wildermuth Environmental

Others Present:

Anthony Lara	BCVWD
Timothy Smith	BCVWD
Blanca Marin	BCVWD
Barbara Voigt	SGPWA
Peggy Noble	SGPWA
Luwana Ryan	Self

1. Call to Order

Chairman Jorritsma called the meeting to order at 10:00 a.m.

2. Roll Call

Absent to this meeting were members Earhart and Moorjani

3. Pledge of Allegiance

Chairman Jorritsma led the pledge

4. Oral and Written Communication

Luwana Ryan requested that Members speak louder during the meetings as the public sometimes can't hear.

5. Consent Calendar

- A. Minutes of the May 27, 2008 Meeting
- B. Minutes of the June 10, 2008 Meeting
- C. Treasurers Report June 30, 2008 Year End Final Unaudited Financial Report
- D. Task Orders Issued June, 2008

097

Motion made by Member Zoba to approve the Consent Calendar, seconded by Member Dillon and approved by unanimous vote.

6. Action Items

- A. Approve Rule & Regulation 7.8 entitled "Availability of Unused Overlying Production and Allocation to the Appropriator Parties"

Schlange requested to change the word "transfer" to "allocate" throughout the memorandum regarding the Proposed Rule and Regulation 7.8 and the Proposed Rule and Regulation 7.8 itself. He also redefined the date of the allocation to February 4, 2009. Schlange recommended that the Watermaster approve Rule Number 7.8 and authorize staff to allocate the Unused Overlying Production to each appropriator in accordance with their percentage of basin yield as set forth in Exhibit C of the Judgment; The initial allocation to take place on or after February 4, 2009.

Motion made by Member Thacker to approve, seconded by Member Butcher. Motion passed with Member Zoba opposing.

7. Staff Reports

- A. Presentation of the Recompilation of Ambient Water Quality in the Santa Ana River Watershed Waste Load Allocation for the period 1987 to 2006- (Verbal Report, Mark Wildermuth, Wildermuth Environmental Inc.)

Mark Wildermuth, Wildermuth Environmental Inc., provided a brief report indicating that the Ambient Water Quality Report was a very complicated statistical approach developed by the Task Force in the late nineties to calculate ambient quality and management zones. Wildermuth Environmental was contracted to study water levels and water quality data in the Beaumont Management Zone. The result was that the Beaumont Management Zone has not changed.

Schlange recommended that Watermaster receive and file report.

- B. Discussion Regarding Methodology to Complete New Storm Water Recharge (Verbal Report, Mark Wildermuth, Wildermuth Environmental)

Mark Wildermuth, Wildermuth Environmental Inc., provided a handout regarding the Procedures for the Computation of New Recharge and New Yield Pursuant to the Beaumont Basin Stipulated Agreement and Rules and Regulations. Wildermuth indicated that Beaumont, BCWVD and City of Banning projected storm water recharge that they would like to receive credit for. He stated that the Watermaster has to develop and approve detailed procedures on how to calculate the numbers and properly allocate. He recommended that retail agencies should do a water management plan projection first and wholesale agencies have to do it next. All agencies that purchase water from SGPWA need to be involved in discussions regarding water management plan.

Schlange suggested that the Watermaster schedule a workshop in October to discuss this issue further and with all parties involved.

Schlange referred to newspaper articles provided at the beginning of the meeting regarding the drought condition in the State.

8. Information Items

- A. South Mesa Water Company-Beaumont Cherry Valley Water District Agreement
- B. South Mesa Correspondence Relative to Water Sold, dated January 2008.

098

Schlange indicated that these items were for information purposes only and that no Watermaster action was required.

9. Closed Session

- A. Discussion and Possible Action Regarding Potential Litigation Pursuant to Government Code Section 54956.9 - One Case

Chairman Jorritsma adjourned the meeting to Closed Session at 10:32 a.m.

Chairman Jorritsma reconvened the meeting at 11:15 a.m. indicating that no reportable action had been taken by the Watermaster on this item.

10. Adjournment

Chairman Jorritsma adjourned meeting at 11:16 a.m.



Charles J. Butcher, Secretary to the Watermaster