

# Notice and Agenda of a Meeting of the Beaumont Basin Watermaster

Wednesday, December 2, 2020 at 10:00 a.m.

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## Watermaster Members:

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

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**This meeting is available by calling  
(888) 475-4499 using passcode 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.**

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### **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 August 27, 2020 [Page 4 of \_]
2. Meeting Minutes for October 7, 2020 [Page 16 of \_]

## **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. Status Report on Water Level Monitoring throughout the Beaumont Basin through November 18, 2020 [Memorandum No. 20-22, Page 22 of 44]  
Recommendation: Presentation - No recommendation
- B. A Comparison of Production and Allowable Extractions through October 2020 [Memorandum No. 20-23, Page 32 of 44]  
Recommendation: No recommendation - For informational purposes only.
- C. 2019 Consolidated Annual Report and Engineering Report - Presentation of Draft Report [Memorandum No. 20-24, Page 33 of 44]  
Recommendation: No Recommendation – For information purposes only
- D. 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. 20-25, Page 34 of 44]  
Recommendation: That the Watermaster Committee approves Task Order No. 23 for a sum not to exceed \$95,970.
- E. Discussion Regarding Task Order No. 24 with ALDA Inc. for the Installation, Maintenance, and Data Collection of Water Level Monitoring Equipment in 2021 [Memorandum No. 20-26, Page 40 of 44]  
Recommendation: That the Watermaster Committee approves Task Order No. 24 for a sum not to exceed \$ 21,520.

## **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, February 3, 2021 at 10:00 a.m.
- B. Future Meeting Dates:
  - i. Wednesday, February 3, 2021 at 10:00 a.m.
  - ii. Wednesday, April 7, 2021 at 10:00 a.m.
  - iii. Wednesday, June 2, 2021 at 10:00 a.m.
  - iv. Wednesday, August 4, 2021 at 10:00 a.m.
  - v. Wednesday, October 6, 2021 at 10:00 a.m.
  - vi. Wednesday, December 1, 2021 at 10:00 a.m.

## **XI. Adjournment**

# Consent Calendar

**DRAFT**  
**Record of the Minutes of the**  
**Beaumont Basin Committee Meeting of the**  
**Beaumont Basin Watermaster**  
**Special Meeting**  
**Wednesday, August 27, 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 9:09 a.m.*

**II. Roll Call**

<i>City of Banning</i>	<i>Arturo Vela</i>	<i>Present</i>
<i>City of Beaumont</i>	<i>Kyle Warsinski</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:*

*Jennifer Ares, Yucaipa Valley Water District  
David Armstrong, South Mesa Water Company  
Hannibal Blandon, Alda  
Madeline Blua, Yucaipa Valley Water District  
Barbara Brenner, Churchwell White  
Bryan Brown, Meyers Nave  
Luis Cardenas, City of Banning  
John Covington, Beaumont Cherry Valley Water District / Morongo  
Allison Edmisten, Yucaipa Valley Water District  
Erica Gonzales, Beaumont Cherry Valley Water District  
Lonni Granlund, Yucaipa Valley Water District  
T. Milford Harrison, San Bernardino Valley Municipal Water District  
Jeff Hart, City of Beaumont  
Mike Kostecky, Yucaipa Valley Water District  
Jim Markman, Richards, Watson & Gershon  
Joyce McIntire, Yucaipa Valley Water District  
Greg Newmark, Meyers Nave*

John Ohanian, Oak Valley Development Company / Oak Valley Partners  
Mark Swanson, Beaumont Cherry Valley Water District  
Robert Vestal, City of Beaumont

### **III. Pledge of Allegiance**

*Chair Vela led the pledge.*

### **IV. Public Comments:**

*None.*

### **V. Consent Calendar**

*It was moved by Member Zoba and seconded by Member Warsinski to approve the Meeting Minutes of the following dates:*

1. Meeting Minutes for August 5, 2020, with corrections

AYES:	Jaggers, Jorritsma, Vela, Warsinski, Zoba
NOES:	None.
ABSTAIN:	None.
ABSENT:	None.
STATUS:	Motion Approved

### **VI. Reports**

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

*No Report.*

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

*No report.*

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

*Mr. Montoya advised that a motion will be filed today with the court to add Mr. Hart as a new member and Mr. Vestal as alternate representing the City of Beaumont.*

*He advised that he met with counsel for YVWD and BCVWD to talk about the agreement and noted he received additional documents from Greg Newmark on Tuesday.*

### **VII. Discussion Items**

A. Discussion Regarding Various Legal Memorandums Regarding the Transfer of Overlying Water Rights to Appropriative Rights

*Counsel Thierry Montoya reiterated that he met with attorneys Greg Newmark, James Markman and Barbara Brenner. Discussions were professional and open, he reported. He said he is still at the fundamental sticking point regarding water service commitment on behalf of YVWD: making sure the judgment is being adhered to, and when to characterize a water rights change as change in use.*

*Under the amended judgment, Montoya continued, when an overlying party (OP) transfers its overlying rights to an appropriator (Appropriative Party, or AP) in exchange for water service, the nature and character of the overlying rights change to an appropriative one. The first key issue is that the amended judgment sets forth that change in character in Section 3, Subsection 1 which states that OPs shall continue to have the right to exercise their overlying water rights except to the extent their respective properties receive water service from an AP. The key is the receipt of water service and the water serving the overlying properties. Section 3B, Montoya explained, states to the extent any OP requests water service based on its water rights in Column 4 from an AP, the equivalent volume of groundwater shall be earmarked by the AP which will service the OP up to the volume of their water rights for the purpose of serving the OP. The key is that exchange, Montoya explained; "I have rights, I want water service, when I get the service, it is serving the overlying property."*

*Section 3C, Montoya stated, indicates when an OP receives that water service, the OP shall forbear the use of the volume of the overlying water right earmarked by the AP. The AP providing that service shall have the right to produce that water to the extent forgone by the OP. The key is that exchange, Montoya opined: the requirement by the overlying party and the AP's agreement to provide water service cinches that forbearance obligation on behalf of the OP.*

*Previous to the July 20, 2020 agreement, Montoya explained, the Committee did have that transfer consistent with the stipulated judgment. YVWD received a transfer of 180.4 AF of rights based on its Board's acknowledgment that it would provide water service commitments. Montoya said that Board acknowledgement is not what he would consider a traditional will serve letter (WSL), but it serves the purpose. The Committee then received a Form 5 which was written in the future conditional format, "We will provide water service to the OP at some period in time," and Montoya said he talked about his concerns with the language.*

*Montoya said he was asked to look at the July 20, 2020 agreement. He indicated that he has problems with recitals E and F:*

*E – Montoya said he does not agree. Form 5 is not a water transfer mechanism, it is a notice provision based on the overlying water rights holder's required offer of water service and the AP's water service commitment to provide the water to the overlying water holder's properties. That process in Sec 3.1 and 3A through C and confirmed by Rule 7 is the key sought here.*

*F – Montoya said he was asking for evidence as to the YVWD commitment to provide water to the overlying property other than what was reflected in the 180.4 transferred previously. YVWD was asked for documents confirming that YVWD would provide water service in the form of a WSL or Board of Directors water service acceptance letter as previously provided to the BBWM as part of Resolution 2017-02, but those kinds of documentation were not received, Montoya noted.*

*Montoya noted that his memorandum presumes that no such customary water service confirmation exists. He said he received on August 26, 2020 the Oak Valley Specific Plan Environmental Impact Report and a March 2, 2005 Water Supply Assessment (WSA) for the Oak Valley (OV) development and found a representation that a distillation of the change in character consistent with the judgment – page 12, sec 7.1 – "overlying right holders may have their water rights credited against deliveries made to them by one of the public purveyors serving the OV area, which overlies the basin." Again, he said, it is consistent that if asked, the OP commits to give it. In terms of written confirmation, this is something less traditional but the Board of Directors saying that the District will provide water service cinches the transfer and changes the character from Overlying to Appropriator, Montoya posited.*

*Also, Montoya continued, he received a Resolution of the YVWD Board of Directors approving the WSA on March 19, 2004 with authorization to initiate the facility master plan for the OV development, engineering studies relative to providing water service for the project, and an August 15, 2007 Summerwind Development Agreement. Montoya opined that the agreement still appears inconsistent with the amended judgment Section 3.3 procedures as reflected in the Beaumont Rules and Regulations Section 7. The key, he said, is that the agreement does not obligate YVWD to provide water service to any or all of OV's overlying properties at either the June 2, 2020 effective date or any time thereafter. The agreement is unclear as to whether an OV water service commitment could ever be effectuated – there is no time limit.*

*The agreement doesn't state that a certain amount of water is presently committed for the development in upcoming phases and doesn't state that a water service requirement would be coming at any time in the future, Montoya stated. The agreement indicates that YVWD is leasing OV's overlying rights for use in its service areas and standing ready and*

*waiting for water service commitment to be coming at some time in the future. But that is not a request for water service from OV, Montoya explained.*

*He outlined his concerns relative to the amended judgment:*

*1 – An appropriator’s water service commitment cinches an OP’s forbearance from using that volume of overlying water right earmarked by an AP for water service: Amended judgment Sections 3b and c. This is key, Montoya posited, because the agreement’s forbearance by OV provision may be meaningless and revokable absent YVWD’s issuance of a WSL or commitment by the Board of Directors to provide water to any or all of OV’s property. OV Partners has a statutory judgment right to 1,398.90 AF of overlying water rights and the agreement is ambiguous as to whether OV has obligated itself to transfer all of its overlying water rights to YVWD. It leaves open the possibility that OV could later claim that its forbearance obligations were never triggered under the amended judgment as it never requested service from YVWD and YVWD didn’t commit to provide water service to the overlying property., That request and commitment is what cinches the forbearance obligation.*

*Montoya noted there are dispute resolution provisions included so the parties could be contemplating that there may be a later dispute. But he said his concern is whether the obligation been cinched.*

*2 – The other concern, Montoya continued, is as it is possible under the agreement that OV’s request for water service may come tomorrow, may come years from now, may never come, or when it comes in it is not necessarily clear that it will come in for all of the remaining overlying water rights. This raises an issue of unused water rights and the remaining APs at some time having a claim for their own usage under judgment Sections 3.1.3 and BBWM Rules 7.3.*

*Montoya pointed out that if water is not put to use for the OP, it will, with time, revert back as water available for other parties; their share dictated by BBWM Rule 7.3. The agreement contemplates that YVWD is going to be leasing the water from OV, putting it to use within their service district and waiting for a request that may or may not come. The amended judgment requires overlying water to be ultimately put to use on the overlying property, not for YVWD use in its district at large. This is not key to the transfer issue, he noted. The agreement’s open and unspecified water service commitment deadline is inconsistent with the amended judgment’s overlying use requirement and may conflict with the other appropriators’ rights to claim some of the water for their own usage, he advised.*



*Montoya said he could not conclude that this agreement is consistent with the judgment's water transfer provisions as there is no water service commitment being made by YVWD. That raises two corollary issues, he explained: Is there really a forbearance of the overlying water rights? And the unclear timing of the agreement: How long does the BBWM have to wait for a water service requirement to come in? It might not come in, Montoya posited, which at some point is not fair to the other APs who say the unused overlying water rights should be credited to their accounts.*

*Chair Vela said he appreciated the time spent on the discussion and asked about the anticipated memo.*

*Robert Vestal pointed to the memo dated July 20, 2020 and said it seems the review with the new documentation is consistent. He requested clarification on the overlier water rights turning into vested appropriator rights. He questioned if the committee would want to see the WSL or WSA detailed in terms of tract map numbers, or would it be able to accept a WSL for the remaining lots of the entire development, which would create a lengthy time until the last tract map is built out.*

*Montoya said he believes that any appropriator will have obligated themselves to provide water with the issuance of some sort of WSL. The YVWD Board acceptance of the parcel by parcel request for water service suffices, although it is not a traditional WSL. Montoya suggested that at this point, the parties OV and YVWD would at least be able to quantify an amount of water service that would be necessary for the OP. It does not have to be a parcel by parcel designation, he said. The parties would know the status of construction and could at least commit to providing water service up to the remaining balance or a lesser amount within a certain period of time. The parties would know what tranches of what remains of the water could be put to use and could be confirmed by YVWD. None of that was forthcoming, he stated.*

*The service doesn't have to be consistent with each parcel, Montoya posited; it could be confirmed in some sort of water service commitment in a set period of time that would make sense to the remaining Appropriators.*

*Member Warsinski suggested a similar process via tract maps.*

*Chair Vela said he understands the importance of the commitment but that is only one of two conditions that need to be met: the commitment needs to be made, and the water service must be provided. Montoya said the appropriator must merely commit (that is the delivery of water under the judgment, not the actual service).*

*Chair Vela pointed to a May 15, 2018 memo from Montoya regarding when the overlying right becomes appropriative. It stated there are two conditions for conversion once YVWD would require appropriative rights to provide water service to the OV development: "1. once it commits to do so, and 2. once it begins providing water service to OV's parcels. Once these conditions are met, the OV overlying water rights become YVWD's appropriative rights," Vela read.*

*Counsel Montoya said he would look it over again. Water service under the judgment and water service consistent with other judgments and case law is just the commitment via a WSL or something along those lines.*

*Chair Vela questioned that if the water was committed via WSL for the remaining balance of the overlying right, time passes, the development goes under, and an agency says it has a right to that water – for accounting purposes how the watermaster would process that. If it has gone unused for the original purpose, he continued, what would the AP have right to and how far back would it go to exercise that right? Montoya answered that Rule 7.3 talks about overlying water that hasn't been used for a period five years, so that would be the triggering point; the agreement date.*

*Member Jagers pointed out the example of Sunny Cal Egg Ranch. BCVWD offered a WSL to Sunny Cal in preparation for annexation. During an EIR challenge, the court found that Sunny Cal had water service to serve their property and therefore was exempt from a water planning study. BCVWD has had an outstanding WSL for quite some time and has processed plans. He said he was unsure as to how to convert their overlying water right to an appropriative water right as far back as those WSLs were issued. The District sets an expiration on WSLs of 12 months to be able to assess the water right activity, he explained. The District may still want some control over when service can be provided based on existing facilities, Jagers explained.*

*Jagers suggested that the Watermaster discuss some of those activities as the memo comes out, because of the existing condition at BCVWD and offering an opportunity to reflect back on the Sunny Cal WSL and begin the conversion process to appropriative rights from overlier rights.*

*Chair Vela invited public comment.*

*On behalf of YVWD, Counsel Greg Newmark acknowledged there was a productive set of discussions and exchange of ideas. In Montoya's judgment, Newmark said, it's the request for water service that cinches the forbearance obligation. Those obligations are provided in the agreement as part of the transaction between YVWD and OV. OV was surprised to hear that there is a question as to whether OV has*

*requested water service, and whether YVWD has committed service. Between the two parties that is clear and is reflected in the recitals of the agreement, Newmark stated.*

*The agreement states that water service was provided in October 2018 and the nature of the transfer is set forth in the agreement itself, Newmark advised. YVWD considered the water demand that would be required to serve the parcels in the 2005 WSA, he said. The WSA was adopted by Board action: that the project could be and would be served. Relying on that, OV fully entitled the project and has proceeded with construction. A great deal of money has been invested on the strength of the commitment that is being questioned, he noted.*

*One of the issues may be that YVWD does not issue typical WSLs, Newmark posited, but the long history and documentation should have been sufficient. Once the next memo from Montoya is available, YVWD will be able to provide documentation of the understanding and agreement bet YVWD and OV that service was requested and YVWD has committed, and in fact service has been provided to the parcels, cinching the transfer of rights, Newmark stated.*

*Counsel Newmark rejected Montoya's point that the transfer provisions in Section 7 and use of the Form 5 does not itself effectuate a transfer, that it is a notice provision. The OV and YVWD submitted Form 5 reflecting their completion of all the predicate actions to have the adjustment of rights and are providing notice and at that point when the BBWM receives the notice, the adjustment is a ministerial act. This is what YVWD is asking for, and believes it is incumbent upon the BBWM upon receipt of the Form 5.*

*Newmark noted that Montoya is suggesting is that the notice is not effective and the underlying acts have been demonstrated. Form 5 does not actually require that demonstration, he said, and indicated he is not sure it is appropriate to require that sort of proof. Nevertheless, YVWD will be able to provide that, he noted.*

*Newmark suggested that Montoya's concern that the OP's forbearance is meaningless and revocable creates a risk that if there is an adjustment of rights given to YVWD that the OP could then claim they did not really transfer their right. That is difficult to reconcile with the language of the agreement provided, he said. OV has made an enforceable commitment that it had the authority to transfer, had not encumbered, and did in fact transfer all right, title and interest in its overlying right. Under the agreement, there is zero risk that OV is going to attempt to exercise the rights that it transferred to YVWD, Newmark stated. Covenants physically prevent OV or its successors from physically accessing the water, he explained.*

*Newmark opined on the concept that that the Appropriator needs to earmark the water that the OP needs to forbear and said there is no doubt about the commitment between OV and YVWD and the agency will provide any further documentation necessary. "But you can't earmark something you don't already have," he noted. All these things need to happen at the same time, he pointed out. The water needs to be in the possession of the Appropriator before anything can be earmarked.*

*Apparently, Newmark continued, one of the real concerns that is underlying the resistance to making the accounting change that YVWD is entitled to under Form 5, is the distribution of unappropriated water rights under Rule 7.3. The adjustment of water rights provision in the judgment is included to provide the overlying owner with some of the benefit of their property right that the judgment confirms, he advised. It is not intended to provide benefit to the appropriators and he questioned the appropriateness of the redistribution of those unused overlying rights as having any support in the judgment at all. Newmark cautioned the Committee that that concept doesn't really speak to the correct interpretation of the judgment provisions, and it is concerning that it appears to be driving a lot of the decision. He offered to continue to cooperate and offered additional documentation as necessary.*

*Mr. John Ohanian, Oak Valley Development Company / Oak Valley Partners (OV) told the Committee that developers must rely upon the representations of the Appropriators to have the authority and willingness to serve. Once the letter and agreement is received, developers move forward and spend a substantial amount of money. OV, he said, has built infrastructure on behalf of the District to serve its properties. The transfer should have been done from 2005, based on when pipelines, reservoirs and other facilities were built, he said. It is not just this provision of service – it is a two-way street. The District has entered into contractual obligations to the developer to make certain that the people buying land have service, Ohanian noted. He pointed out that overlies from the beginning have tried to have some voice at the Watermaster Committee and have been thwarted in their requests. The Appropriators have relied on the fragmentation of the overlies and have built up their storage accounts via the benefit of all the water rights, Ohanian posited. But now OV is getting ready to develop its property and must rely on those rights, he stated.*

*Counsel Barbara Brenner said she appreciates the legal team conversation. She stated that under her review of the materials, her view is consistent with Mr. Montoya's. The conversation is getting lost in the commitment for the water supply vs. when the demand for the water supply is triggered, she said. Looking at Section 7, it is when the actual demand arises that perfects the transfer and when the accounting actually changes accounts. She said she understands that that there is*

*a commitment for the water supply and no one is questioning that, but when does the demand arise and what is that demand is the key in looking at Section 7.*

*Member Dan Jagers said he is surprised that anyone is surprised that there is earmarking going on, and suggested everyone read the discussion on pages 10 and 11 of the judgment about commitments and earmarking, the Urban Water Management Plan that clearly identified the intent to plan for service to those developments, and BCVWD's commitment to serve as well as YVWD's.*

*Member Warsinski said after hearing the comments from the public and other attorneys his opinion is still where he was at the last meeting. There is probably a path forward, he opined, and concurred with Ms. Brenner who said it was regarding commitments vs. demand. The BBWM Committee is pretty much firm on the commitment related to what YVWD is doing with OV - the Committee is not jeopardizing agreements with builders and is on the same page that YVWD will service these parcels and will get the overlier water rights.*

*Warsinski pointed out that Beaumont will not receive any of the share of the unpumped overlier water rights so he has no skin in the game, but it is when the water is served - when the demand comes out - that alleviates the issues with Sunny Cal and is more of an accounting function as to when the water goes into YVWDs storage account to serve the parcels within OV, similar to the process in Resolution 2017-02 and subsequent submitting of requirements for water transfers on a tract map basis. He said that's where he is comfortable - not with the water commitment and demand being done at the same time because a WSL was issued.*

*From an accounting basis, Warsinski continued, how does the Committee deal with an agreement that backdates water service? He pointed to the example of BCVWD and Sunny Cal: in 2004 all water rights were transferred and all of those AF that were split up among the APs would have to be re-accounted for because the overlier water was not pumped.*

*Chair Vela suggested that the unclear part of Sunny Cal is whether there is documentation that the OP has clear intent to transfer those rights - that is the only missing piece, setting aside the fact that water has not been delivered.*

*Regarding the development that OV is moving forward, Vela continued, the developer needs to be assured that the BBWM Committee is not debating the availability or the water right, it is trying to agree on the process for transferring the right to the AP.*

*Members Zoba reiterated the typical phases of water right; it only exists in three phases. He said he will take a closer look at Section 7.3 to see how that is supported in the judgment. He advised that there is an order of precedence in documents between the judgment, Rules and Regulations, and resolutions. He moved to continue this item for further discussion at the October 7 meeting.*

*Member Jorritsma recalled a similar discussion in 2017. He said he asked a question at that time and was assured the right would be transferred when each individual tract or parcel was actually being served. He said he therefore agrees with Montoya that this would be the proper time to transfer those rights.*

*Jaggers seconded the motion.*

*It was moved by Member Zoba and seconded by Member Jaggers to continue this item to the October 7, 2020 Regular Meeting and approved by the following vote:*

AYES:	Jaggers, Jorritsma, Vela, Warsinski, 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:**

*No comments.*

### **X. Announcements**

- a. The next regular meeting of the Beaumont Basin Watermaster is scheduled for Wednesday, October 7, 2020 at 10:00 a.m.
- b. Future Meeting Dates:

- i. Wednesday, December 2, 2020 at 10:00 a.m.
- ii. Wednesday, February 3, 2021 at 10:00 a.m.

## **XI. Adjournment**

*Chairman Vela adjourned the meeting at 10:19 a.m.*

Attest:

*DRAFT UNTIL APPROVED*

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Daniel Jaggars, Secretary  
Beaumont Basin Watermaster

**DRAFT**  
**Record of the Minutes of the**  
**Beaumont Basin Committee Meeting of the**  
**Beaumont Basin Watermaster**  
**Regular Meeting**  
**Wednesday, October 7, 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 10:00 a.m.*

**II. Roll Call**

<i>City of Banning</i>	<i>Arturo Vela</i>	<i>Present</i>
<i>City of Beaumont</i>	<i>Kyle Warsinski</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 announced that as of October 1, 2002, Jeff Hart has been appointed as the Watermaster Committee member representing the City of Beaumont, with Robert Vestal as alternate.*

*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:*

*Allison Edmisten, Yucaipa Valley Water District  
Bryan Brown, Meyers Nave  
David Armstrong, South Mesa Mutual Water Company  
David Wysocki, Law Offices of David Wysocki  
Greg Newmark, Meyers Nave  
Jennifer Ares, Yucaipa Valley Water District  
Jim Markman, Richards, Watson and Gershon  
John Covington, Beaumont Cherry Valley Water District / Morongo Band of Mission Indians  
John Ohanian, Oak Valley Development Company / Oak Valley Partners  
Lance Eckhart, San Geronio Pass Water Agency  
Logan Largent  
Lonni Granlund, Yucaipa Valley Water District*



Madeline Blua, Yucaipa Valley Water District  
Mark Swanson, Beaumont-Cherry Valley Water District  
Mike Thompson, San Geronio Pass Water Agency  
Robert Vestal, City of Beaumont  
Thierry Montoya, Alvarado Smith  
Tom Harder, Thomas Harder & Associates

### **III. Pledge of Allegiance**

*Chair Vela led the pledge.*

### **IV. Public Comments:**

*None.*

### **V. Reports**

*It was moved by Chair Vela and seconded by Member Zoba to continue items A and B to the December 2, 2020 Regular Meeting and approved by the following vote:*

AYES:	Jaggers, Jorritsma, Vela, Warsinski, Zoba
NOES:	None.
ABSTAIN:	None.
ABSENT:	None.
STATUS:	Motion Approved

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

*Report continued to December 2, 2020.*

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

*Report continued to December 2, 2020.*

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

*Due to technical issues with the teleconference, this report was not recorded for transcription purposes.*

### **VI. Discussion Items**

- A. Status Report on the Beaumont Basin Water Level Monitoring Program through September 23, 2020

Recommendation: Presentation - no recommendation

*Due to technical issues with the teleconference, this agenda item was not discussed.*

B. A Comparison of Production and Allowable Extractions through August 2020

Recommendation: No recommendation; informational only

*Due to technical issues with the teleconference, this agenda item was not discussed.*

C. Update on Progress to Develop a Return Flow Accounting Methodology (Task 17) and Conduct a Water Quality Impact Evaluation for the Beaumont Basin Adjudicated Area (Task 22)

Recommendation: No recommendation; informational only

Engineer Tom Harder of Thomas Harder & Associates advised the Committee that the company has proceeded as far as possible and now requires data from BCVWD and YVWD. BCVWD is pulling data but needs some additional time.

D. San Gorgonio Pass Water Agency Request for Data and Model Files

Recommendation: That the Watermaster authorize an expenditure of up to \$6,900 under Task 8 On-Call Services, to cover the expenses associated with the data request

*It was moved by Member Zoba and seconded by Member Jagers to authorize an expenditure of up to \$6,900 under Task 8 On-Call Services, to cover the expenses associated with the data request and approved by the following vote:*

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

E. Discussion Regarding Various Legal Memorandums Regarding the Transfer of Overlying Water Rights to Appropriative Rights

*Due to technical issues with the teleconference, the discussion for this agenda item was not able to be transcribed for the meeting minutes.*

## **VII. 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.

## **VIII. Comments from the Watermaster Committee Members**

*Due to technical issues with the teleconference, the comments from the Watermaster Committee Members were not able to be transcribed for the meeting minutes.*

## **IX. Announcements**

- a. The next regular meeting of the Beaumont Basin Watermaster is scheduled for Wednesday, December 2, 2020 at 10:00 a.m.
- b. Future Meeting Dates:
  - i. Wednesday, February 3, 2021 at 10:00 a.m.
  - ii. Wednesday, April 7, 2021 at 10:00 a.m.
  - iii. Wednesday, June 2, 2021 at 10:00 a.m.
  - iv. Wednesday, August 4, 2021 at 10:00 a.m.
  - v. Wednesday, October 6, 2021 at 10:00 a.m.
  - vi. Wednesday, December 1, 2021 at 10:00 a.m.

## **XI. Adjournment**

*Chairman Vela adjourned the meeting at 11:29 a.m.*

Attest:

*DRAFT UNTIL APPROVED*

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Daniel Jaggers, Secretary  
Beaumont Basin Watermaster

# Reports

# Discussion Items

# BEAUMONT BASIN WATERMASTER

## MEMORANDUM NO. 20-22

**Date:** December 2, 2020

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

**Subject:** Status Report on Water Level Monitoring throughout the Beaumont Basin through November 18, 2020

**Recommendation:** Presentation - No recommendation.

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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 probe will be reinstalled at this well after YVWD refurbishes this well for domestic production, which is not anticipated in the near future. A replacement observation well in the area is being considered.
- ✓ 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 7 feet to the current elevation of 2,424 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 13 feet has been recorded since followed by a recent increase in water levels.
- ✓ 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 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 37 feet, was recorded at Banning M-8 between the summer of 2015 and the summer of 2020 to its current elevation of 2,043 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. However, lower highs and lower lows recorded at this well indicate a slight downward trend in water levels at this well.
- ✓ 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. Levels at these two wells peak 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 14 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. 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 have been added.

### **New Equipment Installation**

None during the reporting period.

### **Troubleshooting Issues**

The following malfunctioning issues were encountered during our July 21, 2020 field visit:

- ✓ YVWD No. 34 – The barometric probe has disappeared from this well. It was last seen during our September visit and was not present during our most recent visit. We are not sure at this time what happened to this probe. A new probe has been ordered.
- ✓ Banning M-9 – A replacement communications cable has been ordered since the existing cable does not communicate with the recording probe.
- ✓ Oak Valley No. 5 – The casing in this well seems to have collapsed and as a result the communications cable and monitoring probe have been pulled. The equipment will be reinstalled in this well once YVWD refurbishes the well for domestic purposes.

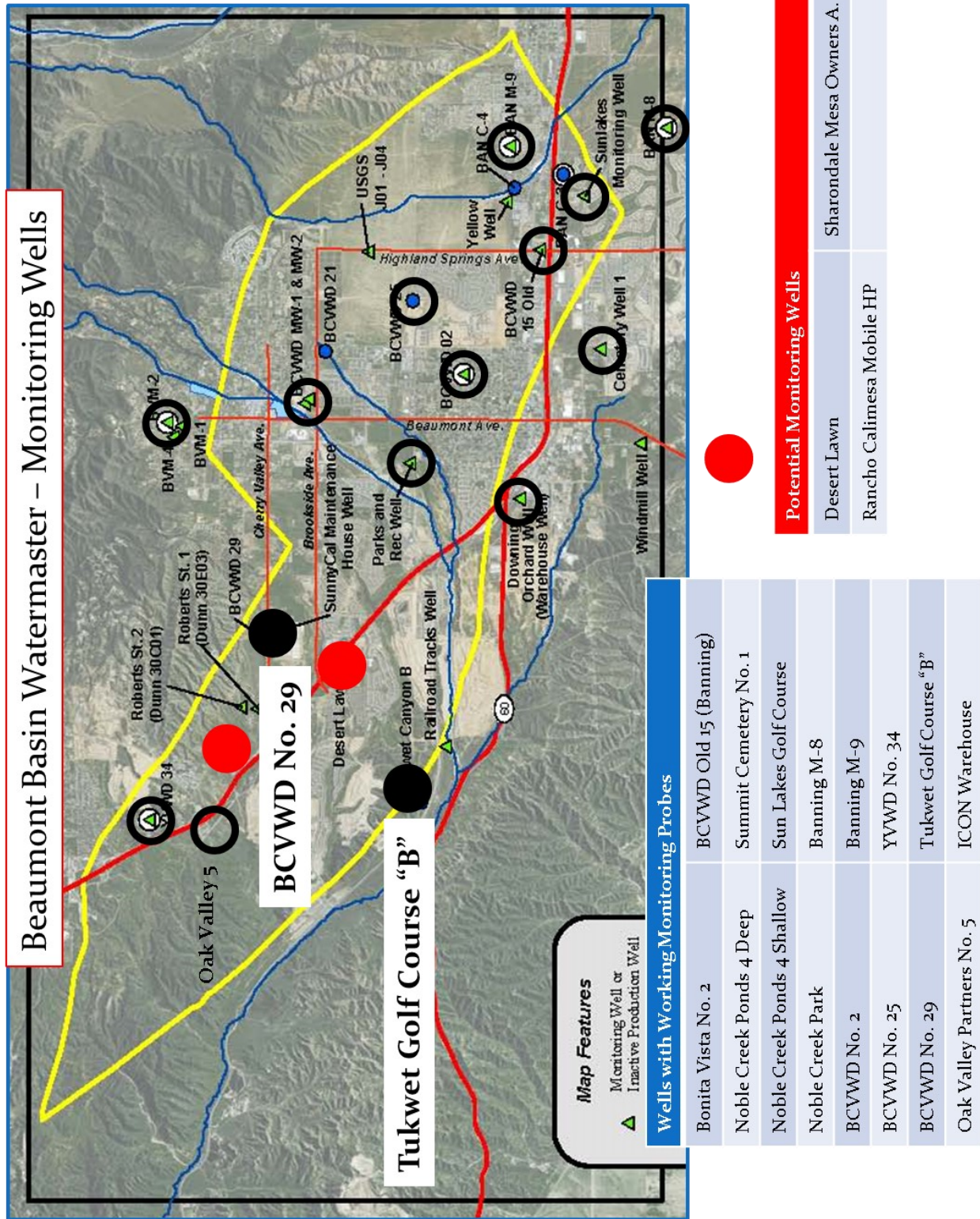
- ✓ The water level meter broke again and needs to be repaired and/or replaced. A new cable has been ordered.

### **New Monitoring Sites**

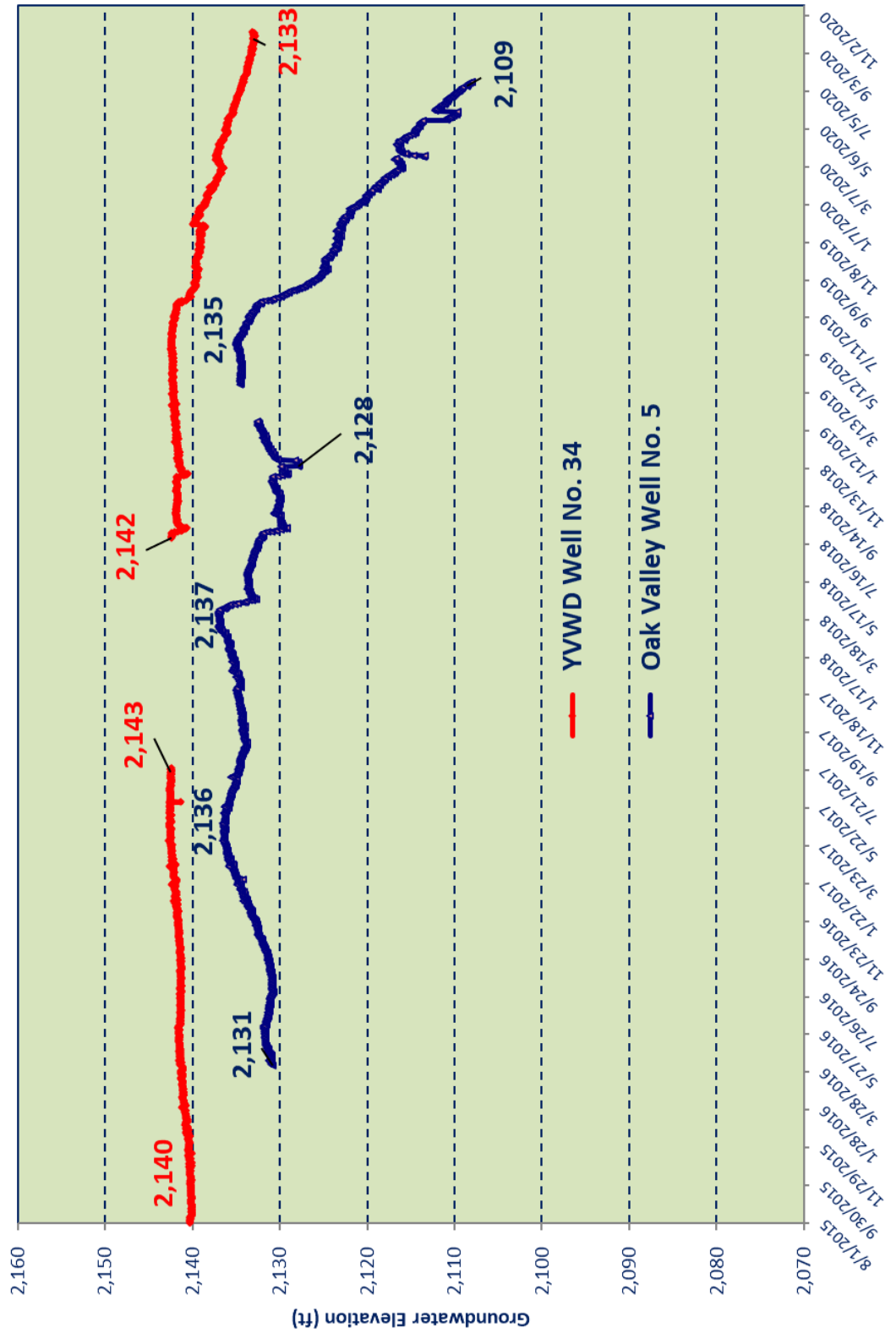
Due to the current pandemic, all communications with owners of potential well sites have stalled. We will restart communications in the future as the country gradually goes back to normal. The following sites are being considered:

- ✓ 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.





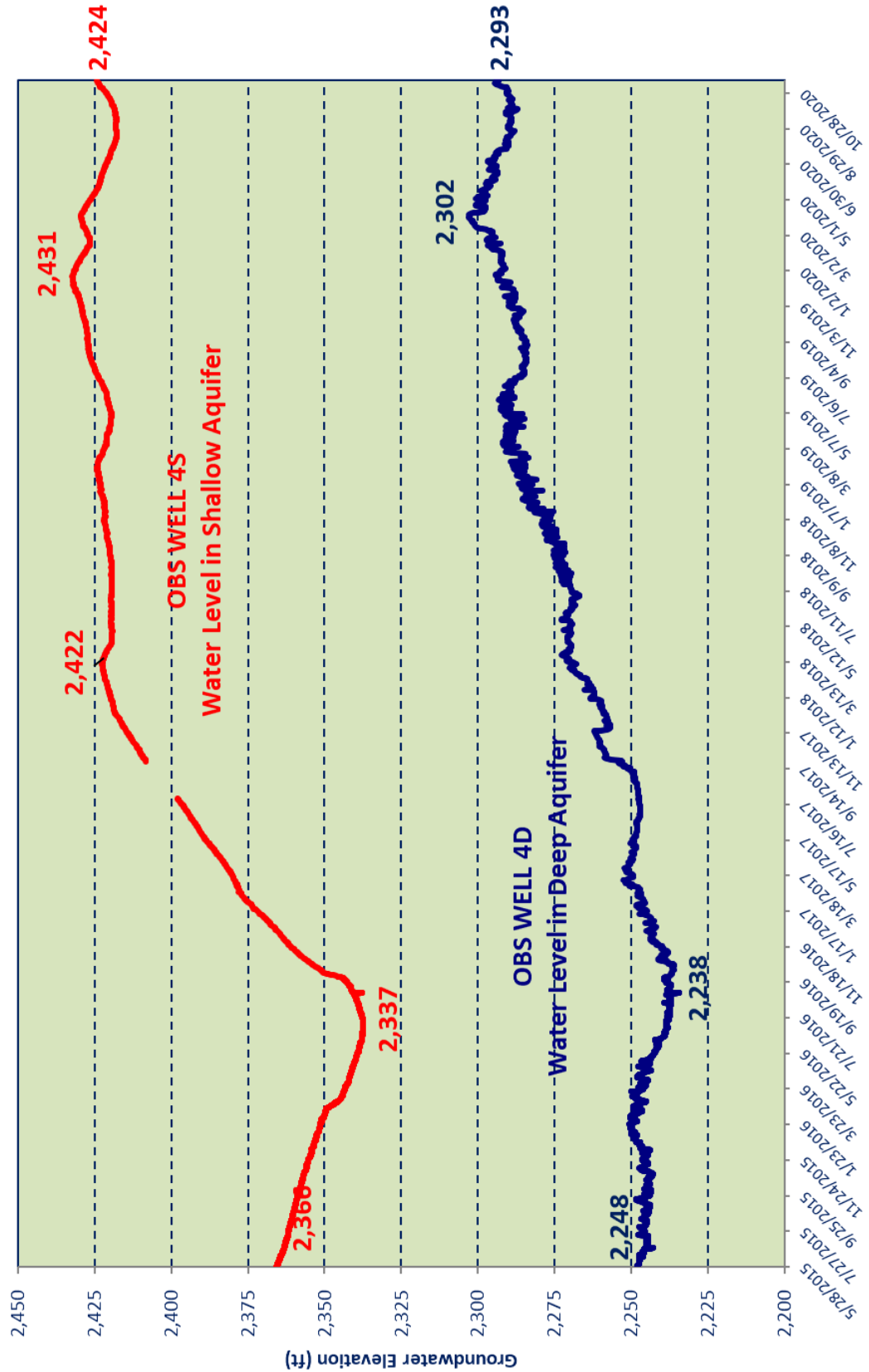
**Figure No. 2**  
**Static Groundwater Elevations at YVWD No. 34 and Oak Valley No. 5**  
 (July 29, 2015 through Nov 18, 2020)



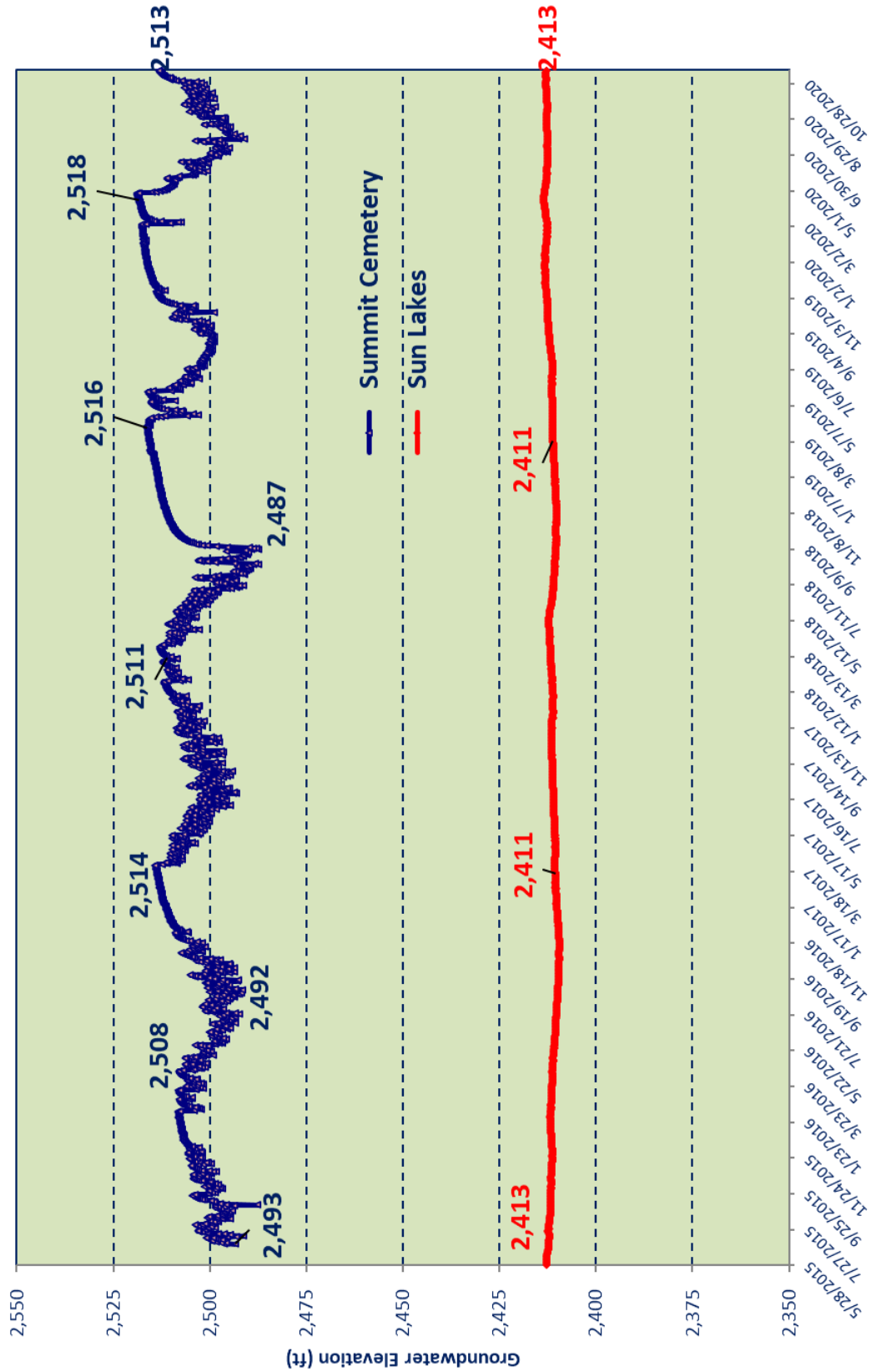
**Figure No. 3**

**Static Groundwater Elevations at Noble Creek Obs. Well 4S and 4D**

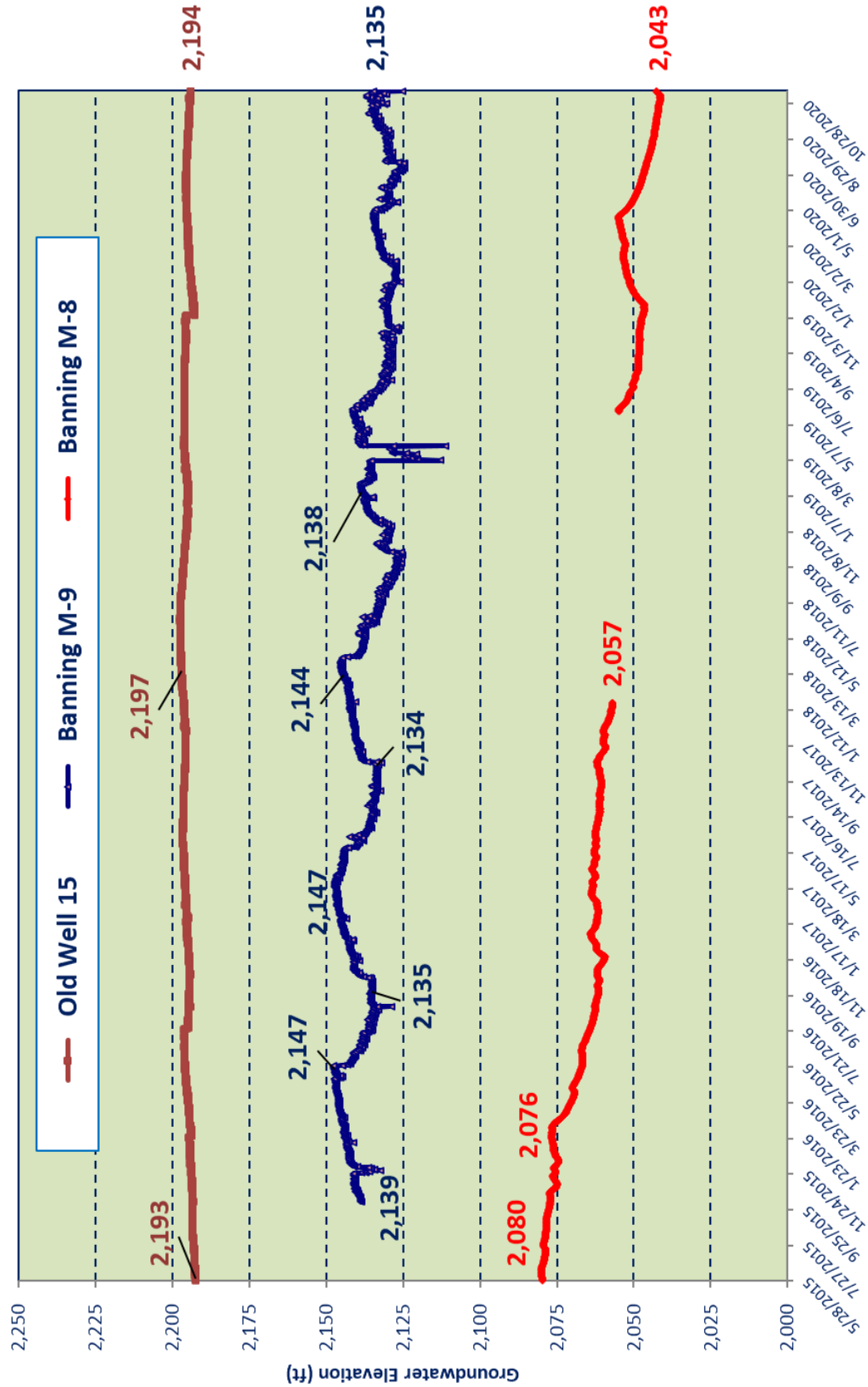
(May 28, 2015 through Nov 18, 2020)



**Figure No. 4**  
**Static Groundwater Elevations at Summit Cemetery and Sun Lakes Wells**  
 (May 28, 2015 through Nov 18, 2020)

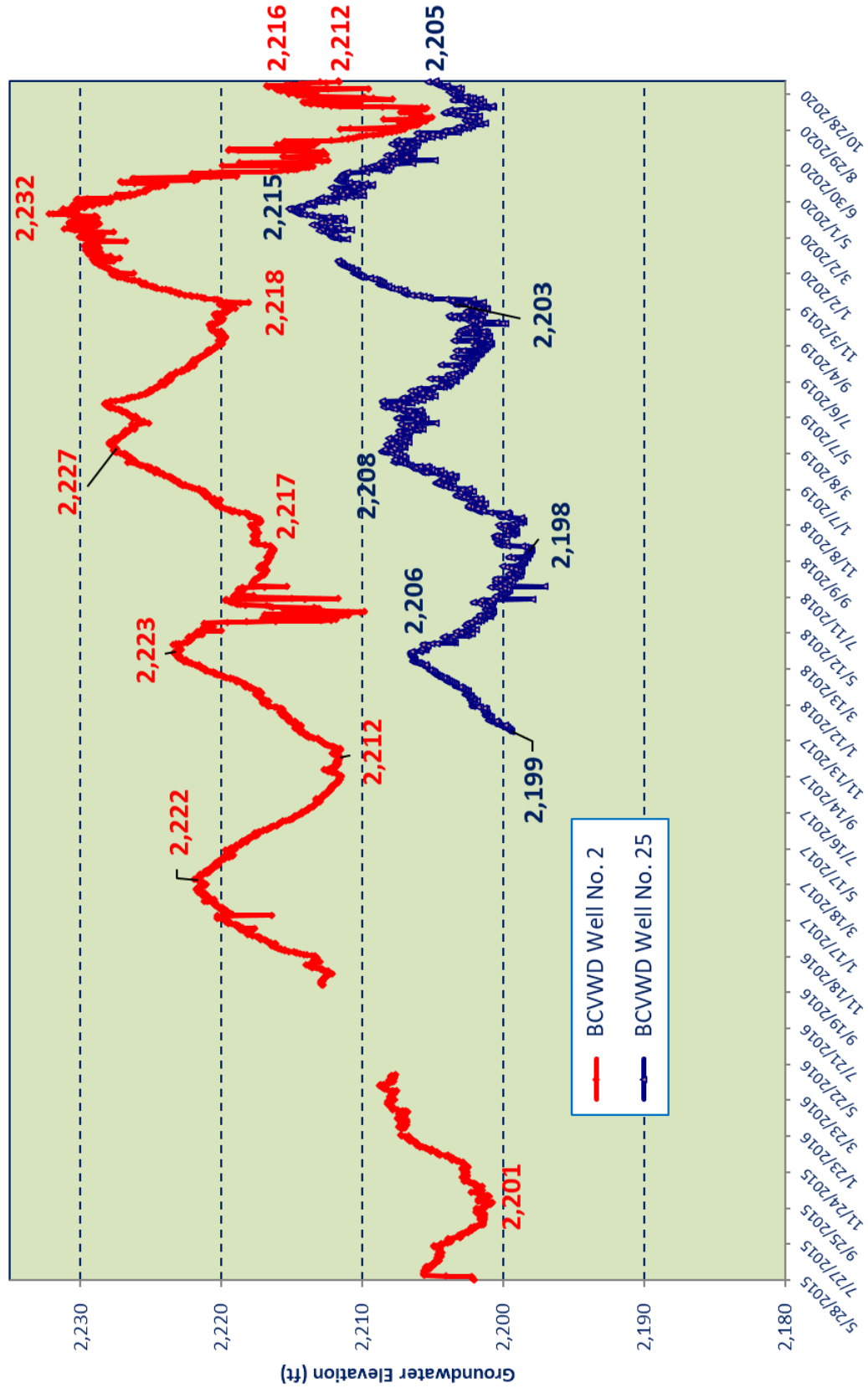


**Figure No. 5**  
**Static Groundwater Elevations in the Banning Area**  
 (May 28, 2015 through Nov 18, 2020)

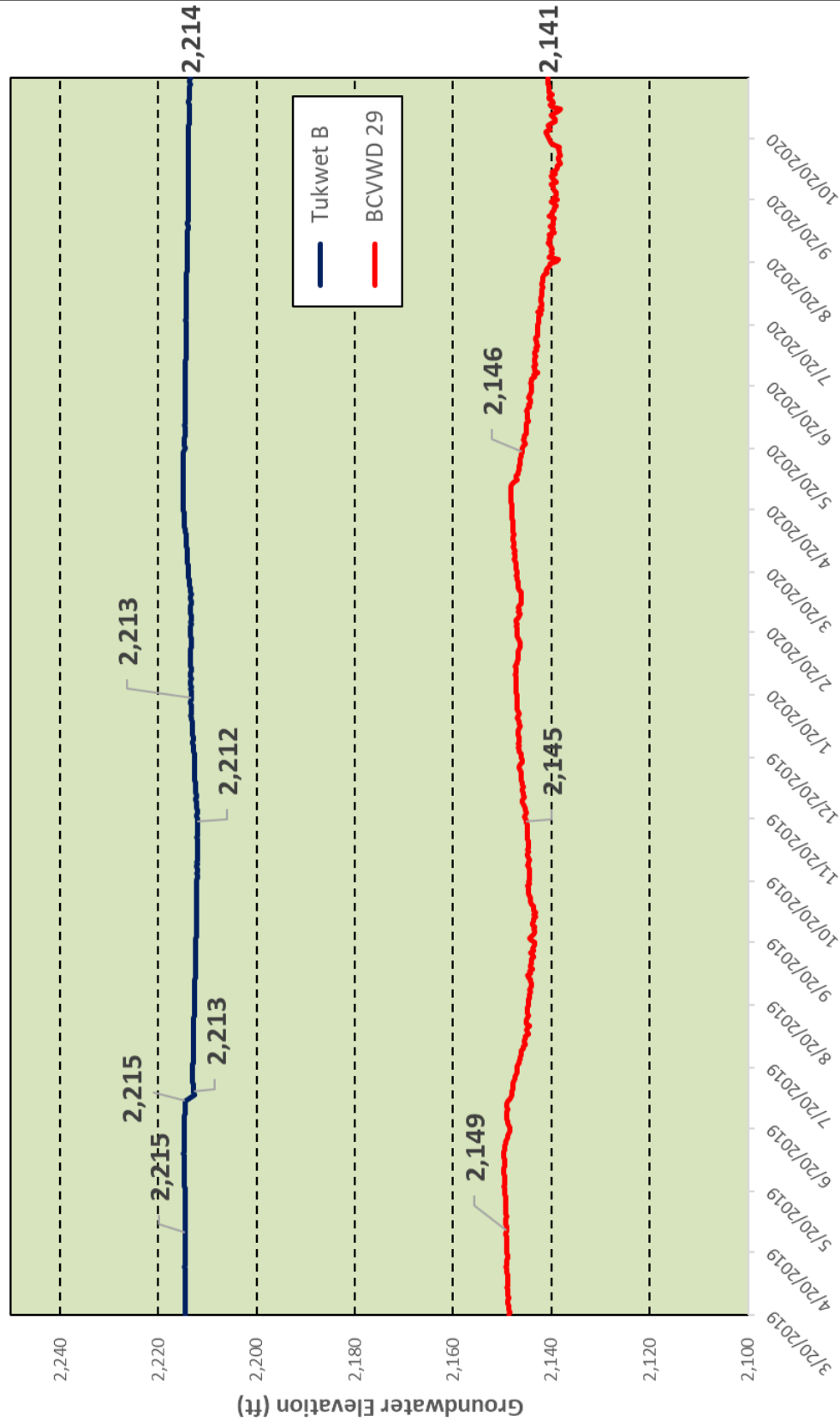




**Figure No. 6**  
**Static Groundwater Elevations at BCVWD Wells No. 2 and 25**  
 (May 28, 2015 through Nov 18, 2020)



**Figure No. 7**  
**Static Water Level at BCVWD No. 29 and Tukwet Cyn Well B**  
 (Mar 20, 2019 through Nov 18, 2020)



# BEAUMONT BASIN WATERMASTER

## MEMORANDUM NO. 20-23

**Date:** December 2, 2020

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

**Subject:** A Comparison of Production and Allowable Extractions through October 2020

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

This Technical Memorandum presents a comparison of production rights from the Basin as 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.

Total production by Appropriators for the first ten-(10) months of the year was 14,471 ac-ft; imported water spreading was reported at 10,303 ac-ft. Allowable production for the reporting period was estimated at 15,101 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. 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	<b>4,614</b>
Transfer of Overlying Rights from OVP to YVWD	0	0	0	183	<b>183</b>
Imported Water	250	10,053	0	0	<b>10,303</b>
<b>Total</b>	<b>1,700</b>	<b>12,015</b>	<b>576</b>	<b>810</b>	<b>15,101</b>
Production	1,845	11,051	221	1,354	<b>14,471</b>
% of Total	108.5%	92.0%	38.4%	167.2%	<b>95.8%</b>

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



# BEAUMONT BASIN WATERMASTER

## MEMORANDUM NO. 20-24

**Date:** December 2, 2020

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

**Subject:** 2019 Consolidated Annual Report and Engineering Report - Presentation of Draft Report

**Recommendation:** No Recommendation – For information purposes only

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ALDA Inc., in Association with Thomas Harder & Company, will make a formal online presentation of the draft of the 2019 Beaumont Basin Consolidated Annual Report and Engineering Report. The presentation will include conditions of the basin including groundwater production, water levels, spreading, and water quality conditions that occurred during 2019.

Committee members will have the opportunity to ask questions and comment on the various sections of the report and presentation.

The Draft 2019 Consolidated Annual Report is available online from the “Documents & Publications” section of the Beaumont Basin Watermaster website at

<https://beaumontbasinwatermaster.org/>

or directly from the following link

<http://documents.yvwd.dst.ca.us/bbwm/documents/2019/2019annualreport-draft201124.pdf>.

## BEAUMONT BASIN WATERMASTER

### MEMORANDUM NO. 20-25

**Date:** December 2, 2020

**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 approves Task Order No. 23 for a sum not to exceed \$95,970.

---

A new task order is necessary to authorize ALDA Inc. to provide technical support services to the Watermaster Committee during Calendar Year 2021.

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.

The cost of completion is estimated at \$95,970.00 and it is based on the amended rates for 2017-21 calendar years. The total cost for this task order is the same cost used under previous task orders (No. 12 for CY 2017, No. 15 for CY 2018, No. 18 for CY 2019, and No. 20 for CY 2020).

The financial impacts associated with the proposed contract would result in a budget line item of \$95,970, and if approved would result in an invoice sent to each Watermaster Committee member in the amount of \$19,194.

# ALDA Inc.

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

December 2<sup>nd</sup>, 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**

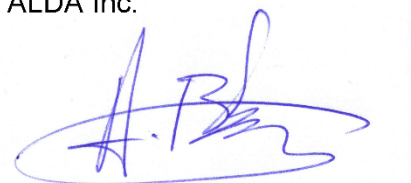
Dear Mr. Zoba:

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 2<sup>nd</sup>, 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 2<sup>nd</sup>, 2020**

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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

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Dec 2<sup>nd</sup>, 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 2<sup>nd</sup>, 2020

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**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. 20-26

**Date:** December 2, 2020

**From:** Joe Zoba, Treasurer

**Subject:** 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 Committee approves Task Order No. 24 for a sum not to exceed \$ 21,520.

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A new task order is necessary to authorize ALDA Inc. to provide water level monitoring services during calendar year 2021.

The proposed scope of services for Task Order No. 24 provides for the operations and maintenance of existing monitoring sites, collection of data during calendar year 2021 and processing of the data for reporting to the Watermaster Committee. In addition, it provides for the identification of up to two additional monitoring sites, where available, and installation of monitoring equipment.

The cost of completion is estimated at \$21,520 and it is based on the amended rates for 2017-21 calendar years. The total cost for this task order is the same cost used since 2017 for similar annual task orders.

The financial impacts associated with the proposed contract would result in a budget line item of \$21,520, and if approved would result in an invoice sent to each Watermaster Committee member in the amount of \$4,304.



# ALDA Inc.

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

Dec 2<sup>nd</sup>, 2020

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

Subject: **Beaumont Basin Watermaster – Task Order No. 24  
Installation, Maintenance, and Operation of Water Level Monitoring  
Equipment during Calendar Year 2021**

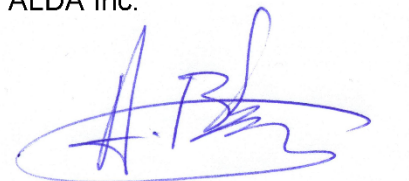
Dear Mr. Zoba:

Please find attached our proposed scope of services and consulting fee for Task Order No. 24 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) coordination of equipment purchase and authorization from private owners, b) installation of monitoring equipment at up to two additional sites, c) operations and maintenance of equipment at existing sites, and d) reporting to Watermaster Committee.

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. 24**

Installation, Maint, and Data Collection of WL Monitoring Equipment for 2020

Dec 2, 2020

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**TASK OBJECTIVES**

The objectives of Task No. 24 are as follows:

- A. Install Groundwater Level Monitoring Equipment at New Sites
- B. Conduct Operations and Maintenance of Existing Equipment
- C. Report Water Level Conditions to Watermaster Committee

**SCOPE OF SERVICES****Task 1 – Selection of Sites and Equipment Acquisition**

The ALDA team will select one or two additional monitoring sites for installation of water level monitoring equipment. Selection of the final sites will be based on a number of parameters including location within the basin, distance to pumping wells, accessibility to site, and on-site improvements requirement amongst others. As part of this effort, ALDA staff will contact property owners as applicable to obtain authorization for installation of monitoring equipment.

Estimated Hours: 8 Hours

Estimated Cost: \$1,200.00

**Task 2 – Installation of Monitoring Equipment**

ALDA staff will install water level probes at each of the new selected sites. Required modifications at some of the well head sites, such as installation of plates, locks, measurement ports, etc., will be coordinated by ALDA staff to make sure all sites operate adequately and the monitoring equipment is secured.

In addition, groundwater level at each site will be determined to calibrate the monitoring probes individually.

Estimated Hours: 8 Hours

Estimated Cost: \$1,440.00

**Task 3 - Maintenance of Selected Sites**

ALDA staff will visit the selected sites every two months to download the collected data and to check that the probes are working as intended. Close coordination with member agencies and selected private parties will be required to gain access to the sites during each visit. A total of six visits to each site is anticipated during Calendar Year 2021.

Estimated Hours: 56 Hours

Estimated Cost: \$9,480.00

**Beaumont Basin Watermaster – Task Order No. 24**

Installation, Maint, and Data Collection of WL Monitoring Equipment for 2020

Dec 2, 2020

**Task 4 – Reporting to Watermaster**

The information collected at the selected sites will be tabulated and presented at the Watermaster Committee meetings as a regular agenda item. In addition, water level histograms will be prepared and incorporated into the annual report.

Estimated Hours: 52 Hours

Estimated Cost: \$9,400.00

**COST ESTIMATE**

Our estimated cost to perform the scope of work as outlined herein is \$21,520.00 (Twenty-One Thousand Five Hundred Twenty Dollars and 00/100); this estimate is based on 124 technical and administrative hours. Services will be billed on a time and material basis up to the approved limit and according to the billing rates below.

**Billing Rates for ALDA Inc.**

Billing rates for Task Order No. 24:

<u>Position</u>	<u>Hourly Rate</u>
Project Manager	\$180.00
Project Engineer	\$150.00
Staff Engineer	\$130.00

# Adjournment