

# **Notice and Agenda** **Regular Meeting of the** **Beaumont Basin Watermaster**

**Wednesday, August 3, 2022 at 11:00 a.m.**

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

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

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Members of the Watermaster Committee:

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

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## **COVID-19 NOTICE**

**This meeting of the Watermaster Committee is open to the public who would like to attend in person. COVID-19 safety guidelines are in effect pursuant to the Cal/OSHA COVID-19 Prevention Emergency Temporary Standards and the California Department of Public Health Recommendations**

- **Face coverings are recommended for all persons and should be properly worn over the nose and mouth at all times**
- **Maintain 6 feet of physical distancing from others in the building who are not in your party**
- **There will be no access to restrooms in the building**

## **Online Meeting Participation Link:**

<https://us02web.zoom.us/j/81638720446?pwd=UnNZcC9TbGZzTGFMHdhVkJRMbIczQT09>

**Telephone: (669) 900-9128 / Meeting ID: 816-3872-0446 / Passcode: 636756**  
**One-Tap Mobile: +16699009128,,81638720446#,,,\*636756#**

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

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

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## BEAUMONT BASIN WATERMASTER COMMITTEE – AUGUST 3, 2022

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### I. Call to Order

### II. Roll Call

Committee Member Agency	Primary Representative	Alternate
City of Banning	Arturo Vela, Chair	VACANT
City of Beaumont	Jeff Hart	Robert Vestal
Beaumont-Cherry Valley Water District	Daniel Jagers	Mark Swanson
South Mesa Water Company	George Jorritsma	Dave Armstrong
Yucaipa Valley Water District	Joseph Zoba	Jennifer Ares

### III. Pledge of Allegiance

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

### ACTION ITEMS

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

### V. Consent Calendar

- A. Resolution 2022-06: Authorizing Public Meetings to be Held via Teleconferencing Pursuant to Government Code Section 54953(e) and Making Findings and Determinations Regarding Same [Memorandum No. 22-25, Page 6]
- B. Meeting Minutes
  - a. June 1, 2022 Regular Meeting [Page 9]
- C. Status Report on Water Level Monitoring throughout the Beaumont Basin through July 20, 2022 [Page 18]
- D. A Comparison of Production versus Extraction Credits through June 2022 [Page 29]

### 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 [Page 31]

## **VII. Discussion Items**

- A. Introduction to Dudek, and Discussion and Prioritization of Assignments  
Recommendation: Direct staff as desired

## **VIII. Topics for Future Meetings**

- A. Responses to the Request for Proposal for Engineering Services
- B. Draft Groundwater Water Well Level Measuring Procedures
- C. Procurement Policy
- D. Engagement of Coordinator / Facilitator to lead future Workshops
- E. Evaluation of Storage Issues in the Basin (tabled from 12/2/2021 meeting)
- F. Development of a methodology and policy to account for groundwater storage losses in the basin / groundwater management
- G. Incidental discharge
- H. Development of a Recycled Water Policy
- I. Development of a return flow accounting policy

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

### **X. Announcements**

- A. The next regular meeting of the Beaumont Basin Watermaster is scheduled for Wednesday, October 5, 2022, at 11:00 a.m.
- B. Future Meeting Dates:
  - December 7, 2022 at 11:00 a.m.
  - February 1, 2023 at 11:00 a.m.
  - April 5, 2023 at 11:00 a.m.

### **XI. Adjournment**

## **NOTICES**

**AVAILABILITY OF AGENDA MATERIALS** - Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the Beaumont Basin Watermaster Committee in connection with a matter subject to discussion or consideration at an open meeting of the Committee are available for public inspection in the Office of the Watermaster Secretary, at 560 Magnolia Avenue, Beaumont, California ("Office"). If such writings are distributed to members of the Committee less than 72 hours prior to the meeting, they will be available on the Committee website at the same time as they are distributed to Members: website: <https://beaumontbasinwatermaster.org/>.

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

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

#### **CERTIFICATION OF POSTING**

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

# Consent Calendar

**BEAUMONT BASIN WATERMASTER  
MEMORANDUM NO. 22-25**

**Date:** August 3, 2022

**From:** Dan Jagers, Secretary

**Subject:** Consideration of Resolution No. 2022-06: Authorizing Public Meetings to be Held via Teleconferencing Pursuant to Government Code Section 54953(e) and Making Findings and Determinations Regarding Same

**Recommendation:** Adopt Resolution No. 2022-06

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This item has been placed on the agenda so that the Watermaster Committee can continue to meet via teleconference pursuant to the special Brown Act requirements outlined in AB 361. These requirements give local public agencies greater flexibility to conduct teleconference meetings when there is a declared state of emergency and either social distancing is mandated or recommended, or an in-person meeting would present imminent risks to the health and safety of attendees.

To continue to hold meetings under the special teleconferencing requirements, a legislative body of a local public agency must make two findings pursuant to Government Code Section 54953(e)(3). First, there must be a declared state of emergency and the legislative body must find that it has "reconsidered" the circumstances of such emergency. Second, the legislative body must find that such emergency continues to directly impact the ability of the legislative body's members to meet in person. Alternatively, for the second finding, the legislative body must find that state or local officials continue to impose or recommend social distancing measures. These findings must be made within 30 days after the legislative body teleconferences for the first time under AB 361 and on a monthly basis thereafter.

The Committee may consider the following findings:

1. The state of emergency due to the spread of COVID-19 in California as proclaimed by Governor Gavin Newsom on March 4, 2020, is still in effect
2. The California Department of Public Health recommends indoor masking
3. Cal/OSHA has issued Emergency Temporary Standards for Requirements to Protect Workers from Coronavirus which include recommendations for social distancing

## **RESOLUTION NO. 2022-06**

### **A RESOLUTION OF THE BEAUMONT BASIN WATERMASTER AUTHORIZING PUBLIC MEETINGS TO BE HELD VIA TELECONFERENCING PURSUANT TO GOVERNMENT CODE SECTION 54953(E) AND MAKING FINDINGS AND DETERMINATIONS REGARDING SAME**

**WHEREAS**, the Beaumont Basin Watermaster (BBWM) is committed to preserving public access and participation at its meetings which are open and public, as required by the Ralph M. Brown Act (Cal. Gov. Code 54950 – 54963), so that any member of the public may attend, participate, and observe; and

**WHEREAS**, pursuant to Assembly Bill 361 effective September 16, 2021, the Brown Act, Government Code section 54953(e), makes provisions for remote teleconferencing participation in meetings by members of a legislative body, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence the following conditions:

1. The legislative body holds a meeting during a proclaimed state of emergency, and state or local officials have imposed or recommended measures to promote social distancing.
2. The legislative body holds a meeting during a proclaimed state of emergency for the purpose of determining, by majority vote, whether as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees.
3. The legislative body holds a meeting during a proclaimed state of emergency and has determined, by majority vote, that, as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees.

**WHEREAS**, such conditions now exist in the area of jurisdiction of the Beaumont Basin Watermaster, specifically, a State of Emergency was proclaimed by California Governor Gavin Newsom on March 4, 2020 due to an outbreak of the COVID-19 respiratory illness due to a novel coronavirus; and

**WHEREAS**, the Riverside County / Riverside University Health System - Public Health has documented great spread of the coronavirus in the County of Riverside; and

**WHEREAS**, the California Department of Public Health has asserted that indoor settings are especially high risk for transmission, and that the COVID-19 respiratory illness continues to present imminent risk to health and safety of attendees at meetings; and

**WHEREAS**, the Centers for Disease Control and Prevention continue to advise that COVID-19 spreads more easily indoors than outdoors and that people are more likely to be exposed to COVID-19 when they are closer than six feet apart from others for longer periods of time; and

**WHEREAS**, the Watermaster Committee does hereby find that given the continued proclaimed state of emergency by the Governor of the State of California, and that the sustained transmission rate of coronavirus has caused, and will continue to cause, conditions of peril to the safety of persons within the area of the Beaumont Basin; and

**WHEREAS**, the Watermaster does hereby find that the legislative bodies of the BBWM shall conduct meetings without compliance with paragraph (3) of subdivision (b) of Government Code section 54953, as authorized by subdivision (e) of section 54953, and that such legislative bodies shall comply with the requirements to provide the public with access to the meetings as prescribed in paragraph (2) of subdivision (e) of section 54953; and

**WHEREAS**, BBWM will assure the right of the public to attend public meetings and address the Committee by continuing to provide teleconferencing access to meetings to the public via an identified call-in / internet-based option, allowing a public comment opportunity at meetings as required by the Brown Act; and

**WHEREAS**, in the event of a disruption in teleconferencing capability, the Watermaster Committee will take no action on agenda items until the technology issue is resolved,

**NOW, THEREFORE, BE IT RESOLVED**, by the Beaumont Basin Watermaster Committee that:

1. Recitals. The Recitals set forth above are true and correct and are incorporated into this Resolution by this reference.
2. Governor's Proclamation of a State of Emergency. The Committee members hereby acknowledge the proclamation of State of Emergency made on March 4, 2020.
3. Remote Teleconference Meetings. The members of the Watermaster Committee are hereby authorized and directed to take all actions necessary to carry out the intent and purpose of this Resolution including, conducting open and public meetings in accordance with Government Code section 54953(e) and other applicable provisions of the Brown Act.
4. Effective Date of Resolution. This Resolution shall take effect immediately upon its adoption and shall be effective for 30 days.

PASSED AND ADOPTED this \_\_\_\_ day of \_\_\_\_\_, 2022 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

BEAUMONT BASIN WATERMASTER

BY: \_\_\_\_\_

ART VELA, CHAIR

BEAUMONT BASIN WATERMASTER



**Record of the Minutes of the  
Beaumont Basin Committee Meeting of the  
Beaumont Basin Watermaster  
Regular Meeting  
Wednesday, June 1, 2022**

**Meeting Location:**

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

**I. Call to Order**

*Chair Arturo Vela called the meeting to order at 11:03 a.m.*

**II. Roll Call**

<i>City of Banning</i>	<i>Arturo Vela</i>	<i>Present</i>
<i>City of Beaumont</i>	<i>Jeff Hart</i>	<i>Present</i>
<i>Beaumont-Cherry Valley Water District</i>	<i>Mark Swanson</i>	<i>Present</i>
<i>South Mesa Water Company</i>	<i>David Armstrong</i>	<i>Present</i>
<i>Yucaipa Valley Water District</i>	<i>Joe Zoba</i>	<i>Present</i>

*Hannibal Blandon and Thomas Harder were present as engineers for the BBWM.*

*Thierry Montoya was present as BBWM legal counsel.*

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

Joyce McIntire, Yucaipa Valley Water District  
Albert Maldonado, BB&K  
Larry Smith, San Geronio Pass Water Agency  
Ron Duncan  
Steve Stuart, Dudek  
Madeline Chen, Ortega Strategies  
Dan Jagers, Beaumont-Cherry Valley Water District  
Robert Rasha, Beaumont-Cherry Valley Water District

**III. Pledge of Allegiance**

*Chair Vela led the pledge.*

**IV. Public Comments:**

None.

## V. Consent Calendar

- A. Resolution 2022-05: Authorizing Public Meetings to be Held via Teleconferencing Pursuant to Government Code Section 54953(e) and Making Findings and Determinations Regarding Same
- B. Meeting Minutes
  - a. April 13, 2022 Regular Meeting
- C. Status Report on Water Level Monitoring throughout the Beaumont Basin through May 18, 2022
- D. A Comparison of Production versus Extraction Credits through February 2022
- E. A Comparison of Production versus Extraction Credits through April 2022

*It was moved by Member Zoba and seconded by Member Hart to approve Consent Calendar items A – E.*

AYES:	Hart, Armstrong, Swanson, Vela, 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 he reviewed and commented on the proposed Request for Proposals. He suggested to Mr. Blandon a different title or the list of legal decisions for the prior year.*

## VII. Discussion Items

### A. 2021 Consolidated Annual Report and Engineering Report Draft – Response to Comments

Recommendation: Approve the 2021 Report

*Mr. Blandon reported the following comments received:*

- *City of Banning: The San Geronio Pass Water Agency's transfers from the City of Banning and the Beaumont-Cherry Valley Water District (BCVWD) were conducted in 2021 and should be included in the annual report. This was discussed at the April 13 meeting, and it was agreed to put them in the 2022 report; however due to this request they were included in the 2021 report, resulting in a change to Table 3-8.*
- *Beaumont-Cherry Valley Water District: primarily editorial comments regarding consistency of terms, and labeling*
- *Yucaipa Valley Water District (YVWD): 1) the Watermaster Committee should develop a workflow and methodology for tracking and accounting for the use of overlying water rights and conversion of overlying rights to appropriative rights, and should be included in the annual report. Blandon recommended discussion by the Committee at a future meeting, and 2) YVWD has been providing water for construction of two warehouses on Cherry Valley Boulevard and production that was used is to be reported. Production from August to December was included in the annual report; however, the numbers for June and July were not reported so are not included. The numbers must be incorporated and will result in changes to tables as it impacts the amount of groundwater produced by YVWD as well as the impact on water rights and storage issues. Table 3-1E was corrected with June and July data. Table 3-3B was edited and Table 3-8 was updated. Figures 3-4, 3-5 and 3-6 were updated to include June and July 2021 data.*
- *Legal Counsel Thierry Montoya: Suggested a change of title for Section 1.3.*

*Final expenses of 2021 are now available, Blandon reported. During the fiscal year, \$108,982.59 was spent of the approved budget. The budget for FY 2021-22 is \$246,700.*

*Mr. Swanson requested clarification of the location of the YVWD well used for Calimesa irrigation in Table 3-1E. Blandon will include a figure*

*depicting the location. Mr. Zoba requested Blandon to refer to the YVWD well site as "I-10 Logistics",.*

It was moved by Member Zoba and seconded by Chair Vela to approve the 2021 Consolidated Annual Report and Engineering Report with the stated modifications.

AYES:	Hart, Swanson, Armstrong, Vela, Zoba
NOES:	None
ABSTAIN:	None
ABSENT:	None
STATUS:	Motion Approved

- B. Consideration of a Response to Request for Proposals from Dudek to Provide Professional Administrative and Technical Support Services to the Beaumont Basin Watermaster

Recommendation: That the Watermaster enter a contract with Dudek for Professional Administrative and Technical Support Services for a sum of \$87,730 and send invoices to each Watermaster Committee member for 20% of the approved amount

*Member Hart reminded the Committee of prior discussion regarding administrative support to the Committee and recommendations. An RFP was posted by the City of Beaumont and went out to numerous individuals. One proposal was received from Dudek in the amount of \$87,730. Should this be approved, the treasurer will invoice Committee members for their respective cost of the item, Hart reported.*

*Mr. Hart explained that Dudek has a good working knowledge of the region and has worked on various projects in the area.*

*Mr. Swanson pointed to Dudek's substantial number of disclosures of work in the area and asked if anyone felt there was any conflict of interest.*

*Mr. Swanson pointed out there seems to be some overlap of technical aspects between this proposal and the Engineering Services RFP in item VII-D. He suggested compiling a list of needs and dividing between administrative and technical to delineate the two RFPs.*

*Chair Vela asked if any other firms had reached out. Mr. Jagers advised that BCVWD received the proposals, and this was the only one.*

*Member Hart explained the goal was for provision of administrative services with the ability to engage with technical aspects. He suggested*

*looking at this as a not-to-exceed budgetary number; selectively implementing tasks and combining with on-call engineering services. He reminded the Committee about the need for a facilitator / administrator who would potentially engage with engineering analyses as needed but also help procure additional work.*

*Member Zoba related his experience with Dudek and billing. He noted that although it may seem there is some duplication, it is up to the Committee to define. He pointed out that Dudek has much useful information and suggested review of Basin reports and key wells. He agreed this should be an upper limit budget line item with a refined scope to assure there is value.*

*Chair Vela lamented there were no other proposals and noted the RFP could be re-opened. He concurred about the budget line item and noted the importance of assuring there are no overlapping task items.*

*Member Armstrong stated Dudek did a good job in the Yucaipa Basin, but he would have liked to see another bid, and agreed with re-opening the RFP. Member Hart said it was seen by several firms and he was not sure re-opening would yield more proposals.*

*Chair Vela invited public comment. There was none.*

*Member Zoba posited that it is time for a fresh assessment of the Watermaster activity. Member Hart offered an amendment to the motion regarding process for task order approval by the Committee. Mr. Montoya advised it could be added to the agreement.*

*The agreement goes through June 2023 and can be extended, Zoba responded to Chair Vela. Mr. Montoya indicated that whoever receives the agreement should circulate it for comments. Member Zoba recommended Mr. Montoya compose or review the agreement.*

It was moved by Member Zoba and seconded by Member Hart to approve entering a contract with Dudek for Professional Administrative and Technical Support Services for a sum of \$87,730 and sending of invoices to each Watermaster Committee member for 20 percent of the approved amount.

AYES:	Hart, Swanson, Armstrong, Vela, Zoba
NOES:	None
ABSTAIN:	None
ABSENT:	None
STATUS:	Motion Approved

C. Draft Groundwater Water Well Level Measuring Procedures and Review of Draft Response Letter to the Regional Water Quality Control Board

Recommendation: Approve the Groundwater Water Well Level Measuring Procedures and authorize transmittal of the letter to the RWQCB

*Legal Counsel Thierry Montoya pointed to his February 8, 2022 email response to Ms. Jeanne Sabin of the State Water Board answering all her questions. There has been no further contact or request for clarification, he reported. He noted that the email states that a copy of the groundwater monitoring protocols will be sent. If the procedures are accepted, an electronic link can be sent to Ms. Sabin as a follow-up.*

*Mr. Swanson reminded the Committee that Member Jagers had circulated the draft protocols, but no comments have been received. Once comments are received, BCVWD staff will present the procedures at the August meeting, he noted, and then provide to legal counsel to respond back to State. Chair Vela noted there had been previous discussion.*

*Member Zoba asked that the subject of technology for well level measurement be addressed. Member Jagers recalled details of the prior discussion and indicated that the document was awaiting a methodology for consistency and to avoid overriding what others are doing, and incorporating movement toward electronic reporting. He requested responses as to agencies' comfort level with the approach and achievement of consistency across facilities, and whether there were other considerations.*

*Member Zoba requested additional time to review, and suggested obtaining input from the SGPWA.*

*In response to Chair Vela, Mr. Montoya indicated there was no issue with waiting until August to finalize the procedures.*

*Chair Vela tabled the item.*

D. Consideration of a Request for Proposals to Provide Engineering Services to the Beaumont Basin Watermaster

Recommendation: Authorize the release of the Request for Proposals

*Member Hart reminded the Board of previous discussion. He noted that it has been a while since the contract for engineering services had been subject to competition and it may be time to send out another RFP. The proposed scope of work is*

*straightforward and is similar to the original with few modifications, he stated.*

*Mr. Swanson asked about target date for beginning work and noted that there is a short timeline for receiving proposals. He suggested a later special meeting to review proposals and commented on the grading rubric and process timeline.*

*Swanson recalled the earlier comment on a few tasks that appear to conflict with the administration contract, and suggested that the not-to-exceed nature of the contract should be able to eliminate that conflict by bringing in a second set of eyes when needed. He noted that one firm should be responsible for the data. He also suggested including the potential for extension of the contract and commented on some RFP details.*

*Mr. Hart clarified the timeline. He pointed to the scoring summary and indicated the intent for committee discussion of the top few candidates. Multiple firms may be considered as there may be times when additional assistance is needed, he noted. He suggested an initial three-year term with two one-year extensions.*

*Chair Vela supported advancing the RFP issue date. He suggested that the overlap between the scopes of work could be later refined while this focuses on finding the right firm to submit a proposal. He also noted the advantage of having more than one consultant available.*

*Mr. Swanson commented on task details and suggested inclusion of the upcoming re-evaluation of the safe yield.*

*Mr. Montoya confirmed that there is no legal requirement for provision of hard copy proposals. He recommended having a contract term that does not result in amendments to a contract that is several years old: a three-year or five-year term that the Board can extend.*

*Member Zoba suggested amendments to the scope. He noted that ALDA is under contract for the 2022 Annual Report. Mr. Zoba suggested that the scope include work to prepare the 2023, 2024 and 2025 annual reports, and include work for re-determination of the Safe Yield in 2024. He suggested pushing the deadline to receive proposals to the Fall.*

*Chair Vela commented on waiting for Dudek under contract to administer this RFP. Mr. Hart commented that he did not want the RFP to slide too much.*

*After further discussion of the timeline, consensus was to move forward and target October for decision making and December approval. Mr. Zoba indicated interest in seeing the RFP again before issuance. Mr. Jaggers pointed out that Dudek may be a respondent to the RFP and would not be able to administer their own contract.*

*Mr. Montoya recommended reducing the required number of hard copies of the annual report to be submitted. He noted that the consultant will need to hit the ground running in order to meet the April 1 deadline.*

It was moved by Member Zoba and seconded by Chair Vela to approve the RFP subject to the clarifications.

AYES:	Hart, Swanson, Armstrong, Vela, 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 / Groundwater management
- b. Incidental discharge
- c. Development of a recycled water policy
- d. Development of a return flow accounting policy

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

*None.*

#### **X. Announcements**

- a. The next regular meeting of the Beaumont Basin Watermaster is scheduled for Wednesday, August 3, 2022 at 11:00 a.m.
- b. Future Meeting Dates:
  - i. October 5, 2022 at 11:00 a.m.
  - ii. December 7, 2022 at 11:00 a.m.



## **XI. Adjournment**

*Chairman Vela adjourned the meeting at 12:10 p.m.*

Attest:

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Daniel Jagers, Secretary  
Beaumont Basin Watermaster

## BEAUMONT BASIN WATERMASTER

**Date:** August 3<sup>rd</sup>, 2022

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

**Subject:** Status Report on Water Level Monitoring throughout the Beaumont Basin through Jul 20, 2022

**Recommendation:** Presentation - No recommendation.

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At the present time, there are 14 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. The location of two potential monitoring wells currently being considered are identified in red in this figure.

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 three years a significant decline has been observed. A 15-foot decline has been recorded at YVWD 34 over this period. The decline at Oak Valley 5 has been steeper with a drop 24 feet in the first half of 2020 alone despite of the fact that this well has not been pumped since the fall of 2019. Oak Valley 5 is no longer being monitored as it has been destroyed; recorded levels are shown for comparison purposes.
- ✓ Figure No. 3 – Two of the Noble Creek observation wells are presented in this figure representing the shallow and deep aquifers. From the summer of 2016 through the spring of 2018, the water level in the shallow aquifer monitoring well increased over 80 feet to an elevation of 2,422 ft. Water level continued to increase, although at a lower rate, over the ensuing 18 months reaching a peak elevation of 2,431 ft in the fall of 2019. Since, it has declined 71 feet to the current elevation of 2,360 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 39 feet has been recorded since to the current elevation of 2,263 ft with over half of the decline taking place over the last six months.
- ✓ 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. Since monitoring began, the water level at this well has fluctuated over a 20-foot band. During the last two visits (March and May 2022) the water level probe and communications cable did not work and the collected information could not be extracted. During our July visit, it was determined that the site had been vandalized as both the communications cable and probe were removed. New water level monitoring equipment will be needed at this site.

- ✓ Also depicted in Figure No. 4 are water levels at the Sun Lakes well site. Water level at this site has fluctuated minimally between 2015 and the end of 2021, when it began to drop. Between November and May, 2022, the water level at this well dropped by seven feet to 2,406 ft. Water level information could not be retrieved from this well during our last visit and it is recommended that a new 200 ft. communications cable and recording probe be installed.
- ✓ Figure No. 5 illustrates water levels at three wells owned by the City of Banning in the Southeast portion of the basin. While water level at the Old Well No. 15 (Chevron Well) has been fairly flat over the last six years, a somewhat significant and steady decline, close to 37 feet, has been recorded at Banning M-8 between the summer of 2015 and the present to its current elevation of 2,043 ft. Water level at Banning M-9 has fluctuated in a 19-foot range, between 2,128 ft and 2,147 ft. Since the beginning of the year, the water level at this well has declined 11 feet to the current elevation of 2,128 ft. at the bottom of the historical elevation range. Over the last year, two communications cables have been replaced at this well due to the failure of the water seal at the bottom of the cable. The last communications cable, installed in March 2022, has failed for the third time and would need to be replaced. We will be contacting manufacturer once again to replace it.
- ✓ Figure No. 6 illustrates recorded water level at BCVWD No. 2 and BCVWD No. 25. The water level trend at BCVWD No. 25 was erroneously reported in the past due to a formula error in the graph that shifted values by several months. Typical water levels at both of these wells peak in the spring declining into the summer and mid fall when they begin to recover until the following spring. The water level at BCVWD No. 25 has been fluctuating over a 15 ft range between 2,200 ft and 2,215 ft; however, this summer it has declined more than normal to the current elevation of 2,197 ft. A wider fluctuation in elevation has been recorded at BCVWD No. 2 between 2,150 ft and 2,180 ft. as levels at this well are highly influenced by pumping at the nearby BCVWD No. 3. Current water level elevation at BCVWD No.2 is 2,157 ft.
- ✓ 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 nine feet has been recorded at this well since monitoring began in the spring of 2019. During the May 2021 visit, the communications cable could not be pulled and information from the water level probe could not be downloaded as reported in the June and August meetings. During our January visit, the water level meter got lodged between the pump column and the well casing and could not be removed; it has been there since. While there is a chance that the water level meter be recovered in the future, it may not be until the column is pulled from the well and the equipment recovered. Tukwet B is a dedicated monitoring well in the southern portion of the basin with minimal fluctuations in elevation since the probe was installed in the spring of 2019. Current water level elevation is at 2,213 ft representing a decline of two feet since monitoring began.

## **New Monitoring Wells**

No additional monitoring wells were added during this reporting period.

## **Equipment Installation and Replacement**

No new equipment was installed during our July visit.

## **Troubleshooting Issues**

The following malfunctioning issues were encountered during our field visit.

1.- The new communications cable at Banning M-9, which was installed in March 2022 and has been replaced two times by the manufacturer, failed again. This is the third cable that fails as a result of water intrusion into the optical eye of the cable at the lower end. This failure is the result of a manufacturer failed design of the pressure ring. This ring does not seal properly and allows water into the optical probe resulting in an electrical short and the corresponding failure of the communications cable. While there is nothing wrong with the cable, the pressure ring fails every time.

2.- The communications cable and probe and the Sun Lakes location is no longer working. In the past communications issues were addressed by pulling the probe out of the well everytime to download the collected information; however, the probe itself is not working either. It is recommended that a new probe and a 200 ft communications cable be acquired and installed at this location.

3.- The communications cable and probe at the Summit Cemetery site have been stolen and need to be replaced. During our two previous visits (March and May 2022) we experienced problems communicating with the probe; however, the probe was left inside the well to continue collecting data. During our most recent visit, both the communications cable and probe had been removed from the well. Cemetery staff was interviewed to determine if they knew something about the disappearance of the equipment; no information was provided. It is recommended that a new probe and a 200 ft communications cable be acquired and installed at this location.

4.- The communications cable and probe at the Mountain View monitoring well are not working. This well was selected earlier in the year after Bonita Vista No. 2 collapse and could no longer be used as a monitoring well. While this is not an optimal location due to the presence of a production well nearby, the data acquired could be cleaned and used to establish static conditions.

## **Potential Monitoring Sites**

Two production wells have been identified as potential monitoring wells recently. The owners have been contacted and the sites visited. The first well is owned by the Beaumont-Cherry Valley Recreation and Park District. The well is located on the north side of Cherry Valley Blvd and is currently used to supply water during grading for construction of two warehouses nearby. Upon

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

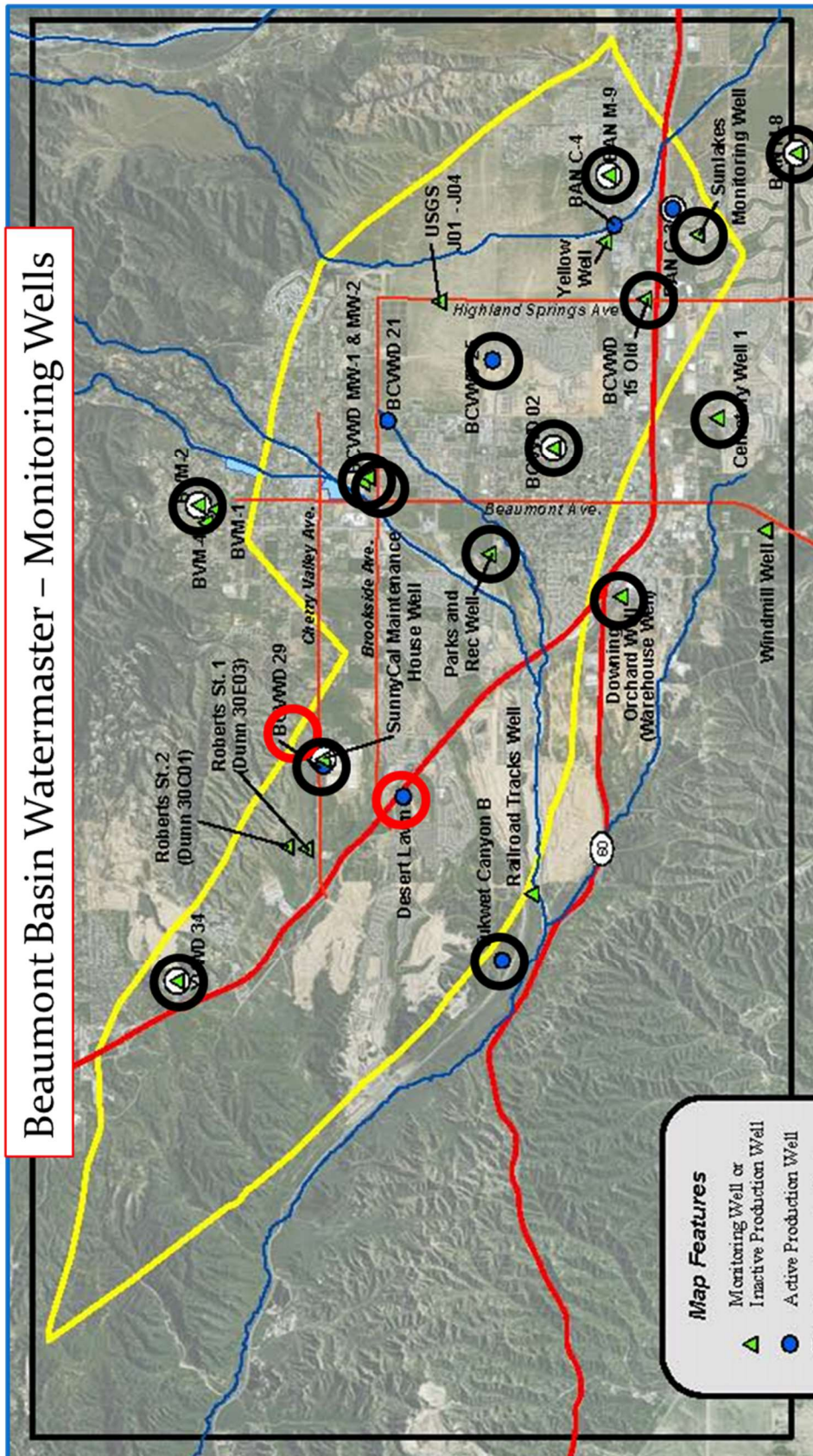
The second well is owned by Plantation on the Lake. The site has been visited and owner is considering drilling a hole on the well head to accommodate the monitoring probe.

Other potential well sites include:

- ✓ 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.



# Beaumont Basin Watermaster – Monitoring Wells



## Potential Monitoring Wells

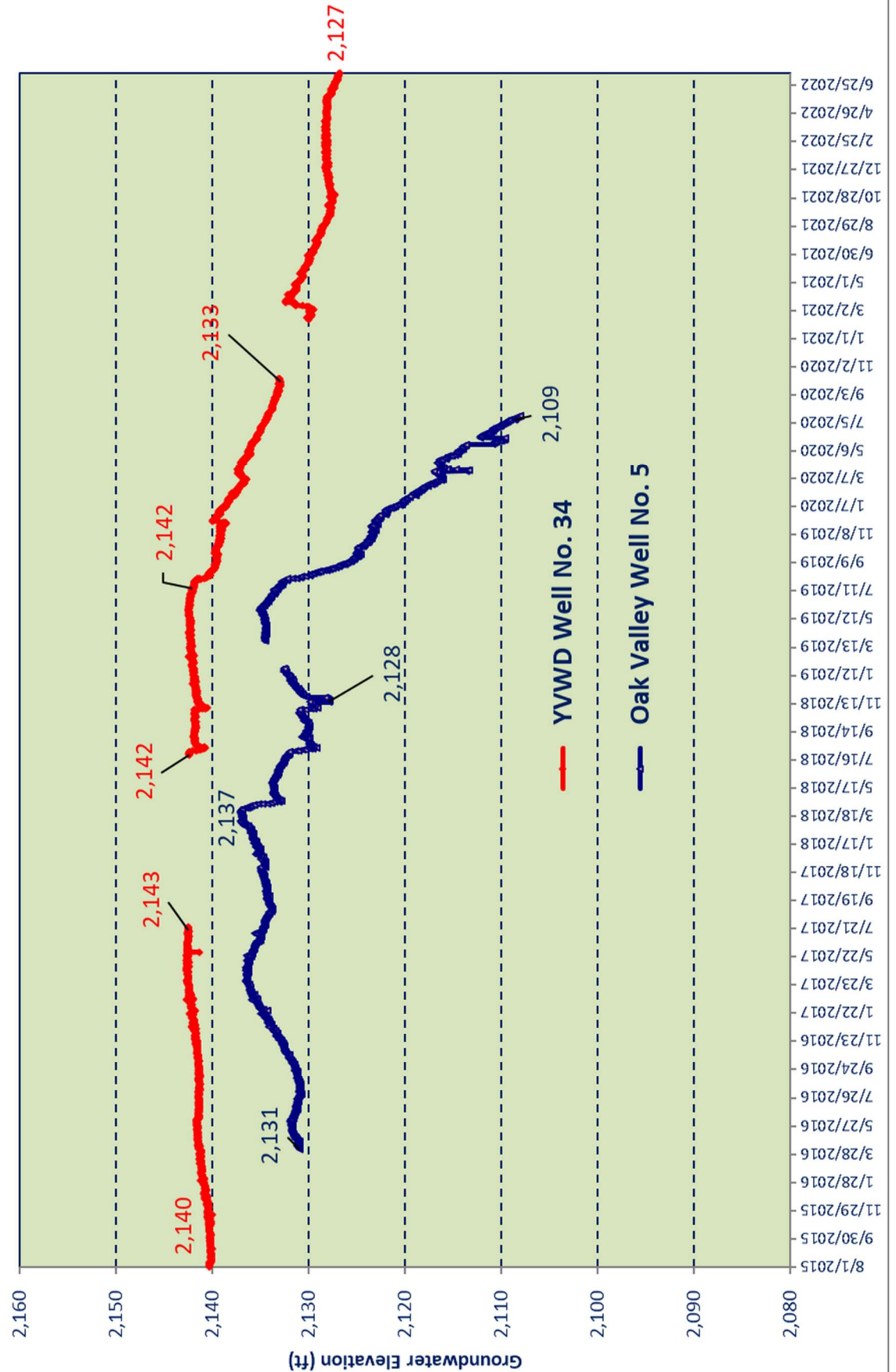
Beaumont Parks and Rec.
Plantation on the Lake

## Wells with Working Monitoring Probes

Bonita Vista No. 2	BCVWD Old 15 (Banning)
Noble Creek Ponds 4 Deep	Summit Cemetery No. 1
Noble Creek Ponds 4 Shallow	Sun Lakes Golf Course
Noble Creek Park	Banning M-8
BCVWD No. 2	Banning M-9
BCVWD No. 25	YVWD No. 34
	ICON Warehouse

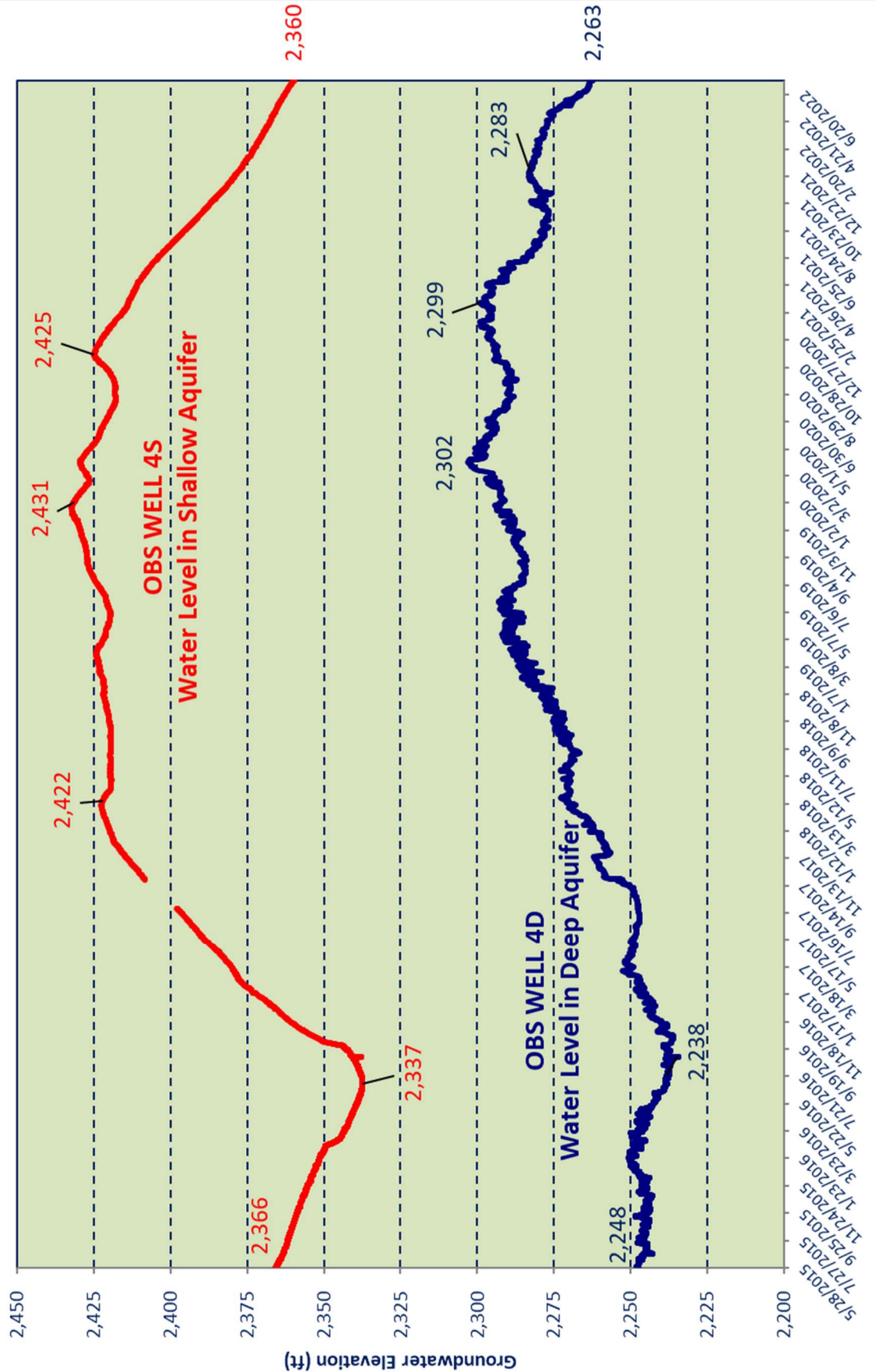


**Figure No. 2**  
**Static Groundwater Elevations at YVWD No. 34 and Oak Valley No. 5**  
 (July 29, 2015 through Jul 20, 2022)



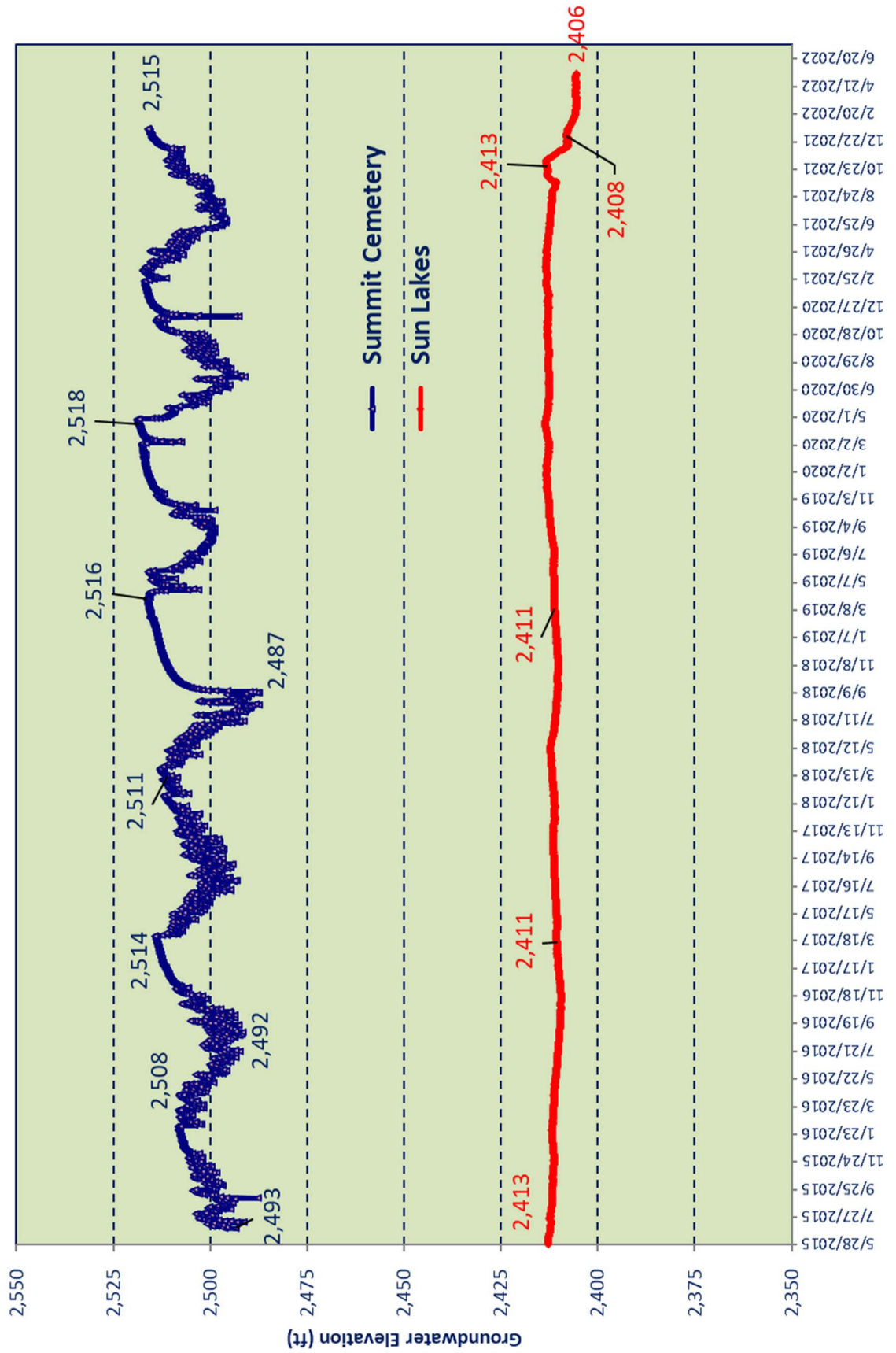


**Figure No. 3**  
**Static Groundwater Elevations at Noble Creek Obs. Well 4S and 4D**  
 (May 28, 2015 through Jul 20, 2022)

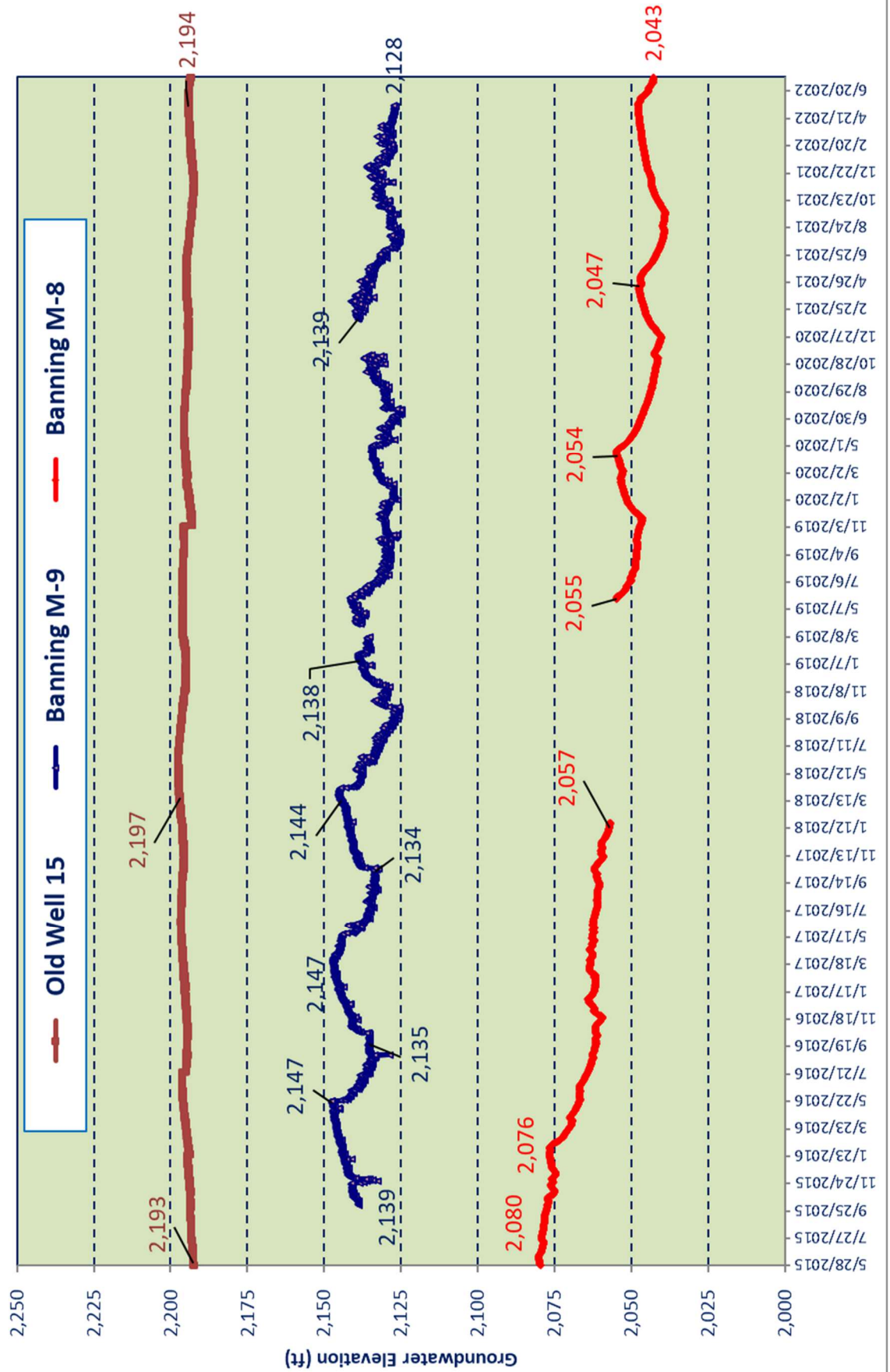




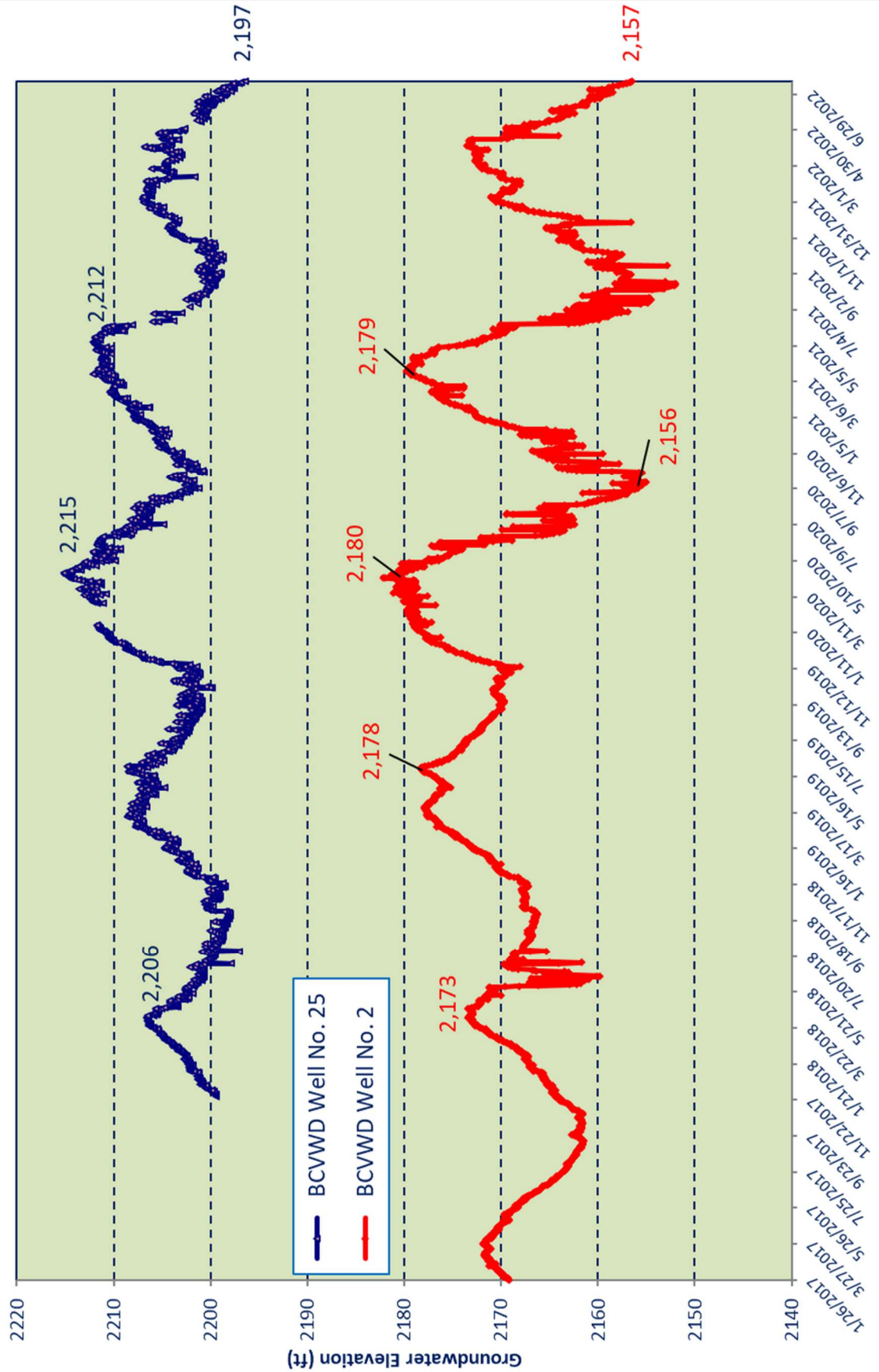
**Figure No. 4**  
**Static Groundwater Elevations at Summit Cemetery and Sun Lakes Wells**  
 (May 28, 2015 through Jul 20, 2022)



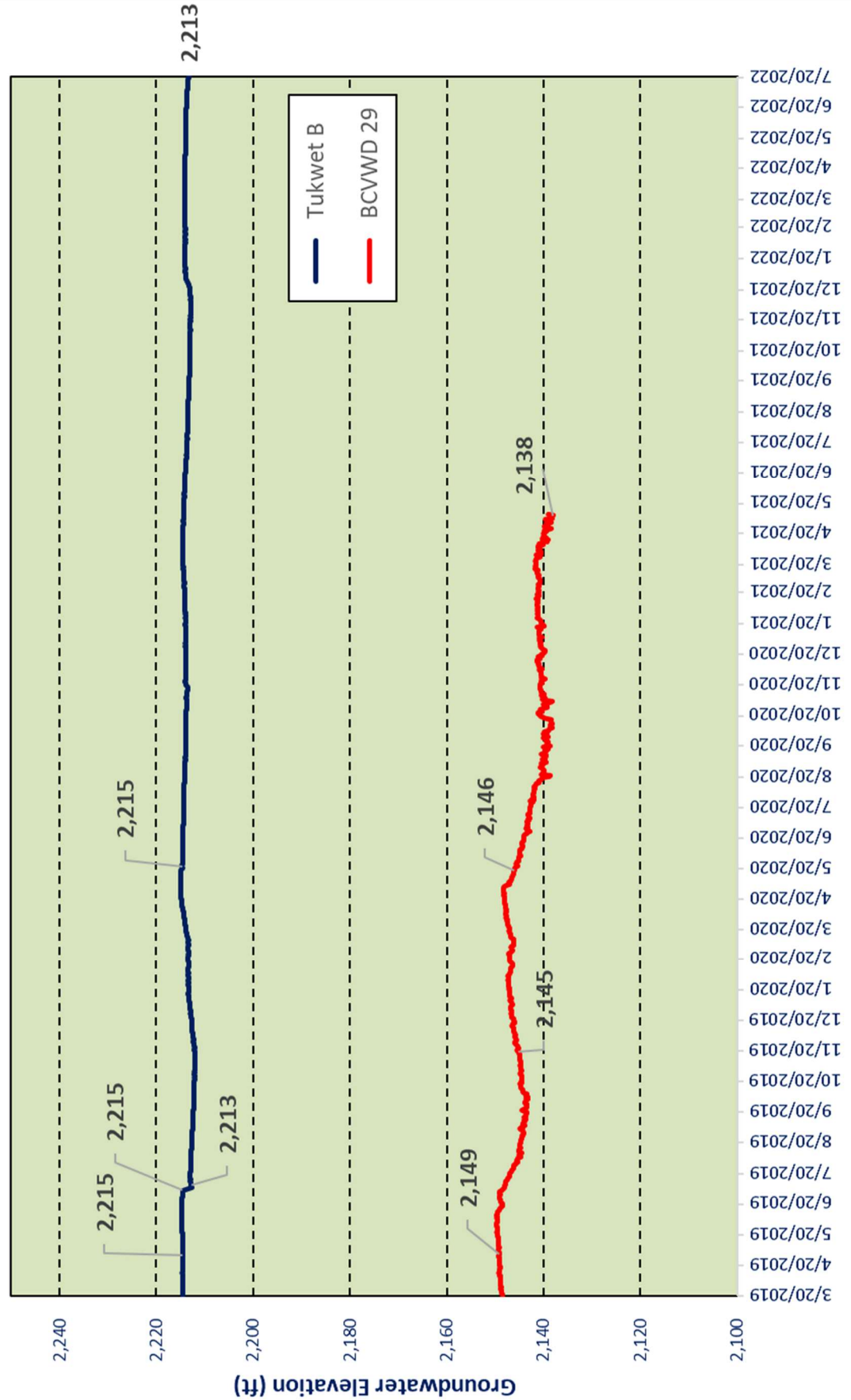
**Figure No. 5**  
**Static Groundwater Elevations in the Banning Area**  
 (May 28, 2015 through Jul 20, 2022)



**Figure No. 6**  
**Static Groundwater Elevations at BCVWD Wells No. 2 and 25**  
 (Jan 26, 2017 through Jul 20, 2022)



**Figure No. 7**  
**Static Water Level at BCVWD No. 29 and Tukwet Cyn Well B**  
 (Mar 20, 2019 through Jul 20, 2022)





**BEAUMONT BASIN WATERMASTER**

**Date:** August 3<sup>rd</sup>, 2022

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

**Subject:** A Comparison of Production vs Extraction Credits through June 2022

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

This Technical Memorandum presents a comparison of extraction credits from the Basin against actual production by Appropriators. At the beginning of each year, Appropriators have certain Extraction Credits resulting from: a) unused production by overlying users from 2017 and/or b) permanent transfers of overlying water rights. Extraction credits for individual Appropriators can be increased through the course of the year by spreading imported (supplemental) water.

Total production by Appropriators for the first six months of 2022 was 7,732 ac-ft while extraction credits for the same period were only 4,860 ac-ft resulting in a negative credit balance of 2,872 ac-ft, as presented in the table below. This credit imbalance is exclusively related to BCVWD's production exceeding its extraction credits. All other appropriators have a positive credit balance. Appropriators that produce less than their individual extraction credits can add the positive difference to their storage accounts at the end of the Calendar Year, as listed in the table.

	City of Banning	Beaumont Cherry Valley W. D.	South Mesa Mutual W. C.	Yucaipa Valley W. D.	Total
Transfer of Overlying Rights from 2017	1,350	1,826	536	583	4,295
Transfer of Overlying Rights - OVP to YVWD	0	0	0	183	183
Imported Water	0	382	0	0	382
Total Extraction Credits	1,350	2,208	536	766	4,860
Production	1,255	6,129	273	75	7,732
Credits Balance	95	-3,921	263	691	-2,872
Water in Storage as of Dec 2021	48,778	32,081	10,263	15,957	107,078

There have been no transfers from SGPWA's storage account to Appropriators during Calendar Year 2022.

# Reports

## MEMORANDUM

TO: [Beaumont Basin Watermaster](#)  
FROM: [Thierry R. Montoya, Esq.](#)  
DATE: June 27, 2022  
RE: Summary of Legal Activities arising from the June 2022 Public Hearing

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I received, reviewed, and revised Dudek’s professional services contract. Essentially, I added language to the scope of work and invoicing sections to confirm Dudek’s services to a “task-by-task” basis, with payment up to the individual task’s budgeted amount.