

Notice and Agenda of a Meeting of the Beaumont Basin Watermaster

Wednesday, December 7, 2016 at 10:00 a.m.

Meeting Location:

Beaumont Cherry Valley Water District
560 Magnolia Avenue
Beaumont, California 92223
(951) 845-9581

Watermaster Members:

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

I. Call to Order

II. Roll Call

City of Banning: Arturo Vela (Alternate: Michael Rock)

City of Beaumont: _____ (Alternate: Kyle Warsinski)

Beaumont Cherry Valley Water District: Eric Fraser (Alternate: Tony Lara)

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 October 5, 2016

VI. Reports

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

B. Report from Legal Counsel - Keith McCullough/Thierry Montoya, Alvarado Smith

VII. Discussion Items

A. Status Report on Water Level Monitoring throughout the Beaumont Basin through November 29, 2016 [Memorandum No. 16-19, Page 11 of _]

Recommendation: No recommendation.

B. Discussion Regarding the Creation of a Return Flow Policy for the Beaumont Basin [Memorandum No. 16-20, Page 14 of _]

Recommendation: No recommendation.

C. Conditions Related to the Groundwater Storage Agreement in the Beaumont Basin for the San Gorgonio Pass Water Agency (SGPWA) [Memorandum No. 16-21, Page _ of _]

Recommendation: Pending.

VIII. Topics for Future Meetings

- A. Selection of Officers
- B. Groundwater Storage Agreement in the Beaumont Basin for the San Gorgonio Pass Water Agency
- C. Development of a methodology and policy to account for new yield from capturing local stormwater in the basin.
- D. Development of a methodology and policy to account for groundwater storage losses in the basin resulting from the spreading of additional water sources.
- E. Development of a methodology and policy to account for recycled water recharge.
- F. Develop a protocol to increase the accuracy and consistency of data reported to the Watermaster.
- G. Develop a policy to account for transfers of water that may result when an Appropriator provides water service to an Overlying Party.

IX. Comments from the Watermaster Committee Members

X. Announcements

- A. The next regular meeting of the Beaumont Basin Watermaster is scheduled for Wednesday, February 1, 2017 at 10:00 a.m.

XI. Adjournment

Consent Calendar

**Record of the Minutes of the
Beaumont Basin Committee Meeting of the
Beaumont Basin Watermaster
Wednesday, October 5, 2016**

Meeting Location:

Beaumont-Cherry Valley Water District
560 Magnolia Avenue
Beaumont, CA 92223

I. Call to Order

Chairman Arturo Vela called the meeting to order at 10:04 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>Eric Fraser</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>

Kyle Warsinski was present as the alternate representing the City of Beaumont in the absence of Member Dave Dillon. Thierry Montoya was present representing legal counsel for the Beaumont Basin Watermaster.

Members of the public who registered their attendance were: John Jeter, Bill Dickson, Fran Flanders, Tom Riedman, Mike Kostelecky, David Fenn, Tom Harder, Jeff Davis, Mary Ann Melleby, John Covington, and Hannibal Blandon.

III. Pledge of Allegiance

Chairman Vela led the pledge of allegiance.

IV. Public Comments

No public comment was received at this time.

V. Consent Calendar

A. Meeting Minutes

1. Meeting Minutes for August 3, 2016

Member Eric Fraser motioned to approve the consent calendar. The motion was seconded by Member Joseph Zoba and passed 5-0.

VI. Reports

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

Engineer Hannibal Blandon stated he had nothing to report.

- B. Report from Legal Counsel - Thierry Montoya, Alvarado Smith

Legal Counsel Thierry Montoya reported that Member Arturo is officially a member of the Watermaster and Michael Rock is the alternate for the City Banning, as approved by the Riverside Superior Court. Legal Counsel Montoya is working with the City of Beaumont to identify who the member and the alternate will be so that the appropriate motion and declarations can be put together.

Legal Counsel Montoya also reported on the proposed groundwater monitoring site of the Icon facility, that an agreement had been penned roughly six months ago but no access has yet been given to the Watermaster for groundwater monitoring. Legal Counsel Montoya offered to send a letter to Icon's corporate and local offices, with the agreement attached. The letter would request that the Watermaster be permitted to install groundwater monitoring equipment, and if not, that a court order would be pursued by the Watermaster. Chairman Vela verbalized his support for such a letter, and Legal Counsel Montoya stated he would send the letter, and that if necessary, would come back to the Watermaster for approval before seeking a court order.

VII. Discussion Items

- A. Status Report on Water Level Monitoring throughout the Beaumont Basin [Memorandum No. 16-14, Page 9 of 97]

Recommendation: No recommendation

Engineer Blandon gave a status report of the water level monitoring project, which included proposed monitoring agreements for new sites and issues encountered with several of those sites, discussion of water levels at sites being monitored, and troubleshooting of monitoring equipment issues.

- B. Overview of Total Dissolved Solids (TDS) and Nitrate (N) in the Beaumont Basin and Surrounding Area [Memorandum No. 16-15, Page 17 of 97]

Recommendation: No recommendation

Engineer Blandon reported on water quality data issues that were presented in the 2015 Consolidated Annual Report and Engineering Report. Discussion among several Members and Engineering Blandon followed regarding the potential reasons for TDS level spikes at various locations in the Beaumont Basin, namely at Beaumont-Cherry Valley Well No. 21. Engineer Blandon stated he will look into a potential reason for the spikes in the levels at this particular well and report on that at the following meeting.

C. Adoption of the 2015 Consolidated Annual Report and Engineering Report [Memorandum No. 16-16, Page 25 of 97]

Recommendation: That the Watermaster Committee adopts the 2015 Consolidated Annual Report and Engineering Report

Member Fraser moved to adopt the 2015 Consolidated Annual Report and Engineering Report, with the understanding that the shape files are updated. The motion was seconded by Member Zoba and passed 5-0.

D. Concept for the Formation of a Groundwater Sustainability Agency for the San Timoteo Basin 8-2.08 [Memorandum No. 16-17, Page 26 of 97]

Recommendation: Pending

Member Zoba provided background information on the reasons for creating a Groundwater Sustainability Agency (GSA) for the San Timoteo Basin that would involve the Yucaipa Valley Water District, Beaumont-Cherry Valley Water District, and the San Gorgonio Pass Water Agency with additional stakeholders being the Morongo Band of Mission Indians and the Watermaster Committee. He stated that management of the GSA would be very similar to what the Watermaster does already.

Chairman Vela proposed having two GSAs, one of which would be the Watermaster, which has exclusive rights over the adjudicated portion of the Beaumont Basin. The second GSA would have exclusive rights over the remaining portion of the San Timoteo Basin. Member Zoba explained that the end result would be the same because the Watermaster is already considered to be sustainable by virtue of the stipulated judgment.

Member Zoba stated that no decision is needed unless there are strong feelings one way or the other. Chairman Vela asked Legal Counsel Montoya whether he sees any inconsistencies or issues between newly formed GSA and the Watermaster. Legal Counsel Montoya replied in the negative, stating he couldn't foresee any issues arising between the two entities.

E. Application by the San Gorgonio Pass Water Agency (SGPWA) for a Groundwater Storage Agreement in the Beaumont Basin [Memorandum No. 16-18, Page 28 of 97]

Recommendation: Pending

Member Zoba reported that he had met with the General Manager of the SGPWA since the most recent Watermaster Committee meeting to discuss the Agency's application for a groundwater storage agreement. As a result of that meeting, Member Zoba stated that he devised five stipulations or conditions to a potential agreement. He noted that these conditions had not yet been vetted by the SGPWA, and went on to explain each of those conditions.

Member Fraser voiced his support of the five conditions outlined, and suggested that they be sent to the SGPWA Board of Directors to be formally reviewed and at that point Legal Counsel could draft a final resolution granting a storage account with the stipulated conditions.

After further discussion, Member Zoba moved to continue this item at the next Watermaster meeting. The motion was seconded by Member Kyle Warsinski and passed 5-0.

VIII. Topics for Future Meetings

- A. Groundwater Storage Agreement in the Beaumont Basin for the San Gorgonio Pass Water Agency
- B. Development of a methodology and policy to account for new yield from capturing local storm water in the basin
- C. Development of a methodology and policy to account for groundwater storage losses in the basin resulting from the spreading of additional water sources
- D. Development of a methodology and policy to account for recycled water recharge
- E. Develop a protocol to increase the accuracy and consistency of data reported to the Watermaster
- F. Develop a policy to account for transfers of water that may result when an Appropriator provides water service to an Overlying Party

Engineer Blandon stated that items B., C., and D. presented opportunities that the Watermaster could take advantage of in the next year, and offered to prepare proposals for those items to be considered as part of the Watermaster budget for the next fiscal year. Member Fraser suggested that Legal Counsel Montoya work with Watermaster Members to develop a framework that mirrors the indirect potable reuse regulations as adopted by the State of California, as a basis for item D. Chairman Vela asked Legal Counsel Montoya whether this framework was something that could be developed by the December meeting, and Legal Counsel Montoya responded affirmatively.

Member Warsinski suggested it wouldn't hurt to have a quote for the services that would be rendered under items B. and C. Engineer Blandon stated that he would work on getting a proposal to the Watermaster by the December meeting for consideration.

IX. Comments from the Watermaster Committee Members

There were no comments from the Watermaster Committee Members.

X. Announcements

- A. The next regular meeting of the Beaumont Basin Watermaster is scheduled for Wednesday, December 7, 2016 at 10:00 a.m.

XI. Adjournment

Chairman Vela adjourned the meeting at 10:51 a.m.

Attest:

Eric Fraser, Secretary
Beaumont Basin Watermaster

Reports

Discussion Items

BEAUMONT BASIN WATERMASTER

MEMORANDUM NO. 16-19

Date: December 7, 2016

From: Hannibal Blandon, ALDA Inc.

Subject: Status Report on Water Level Monitoring throughout the Beaumont Basin through November 29, 2016

Recommendation: No recommendation.

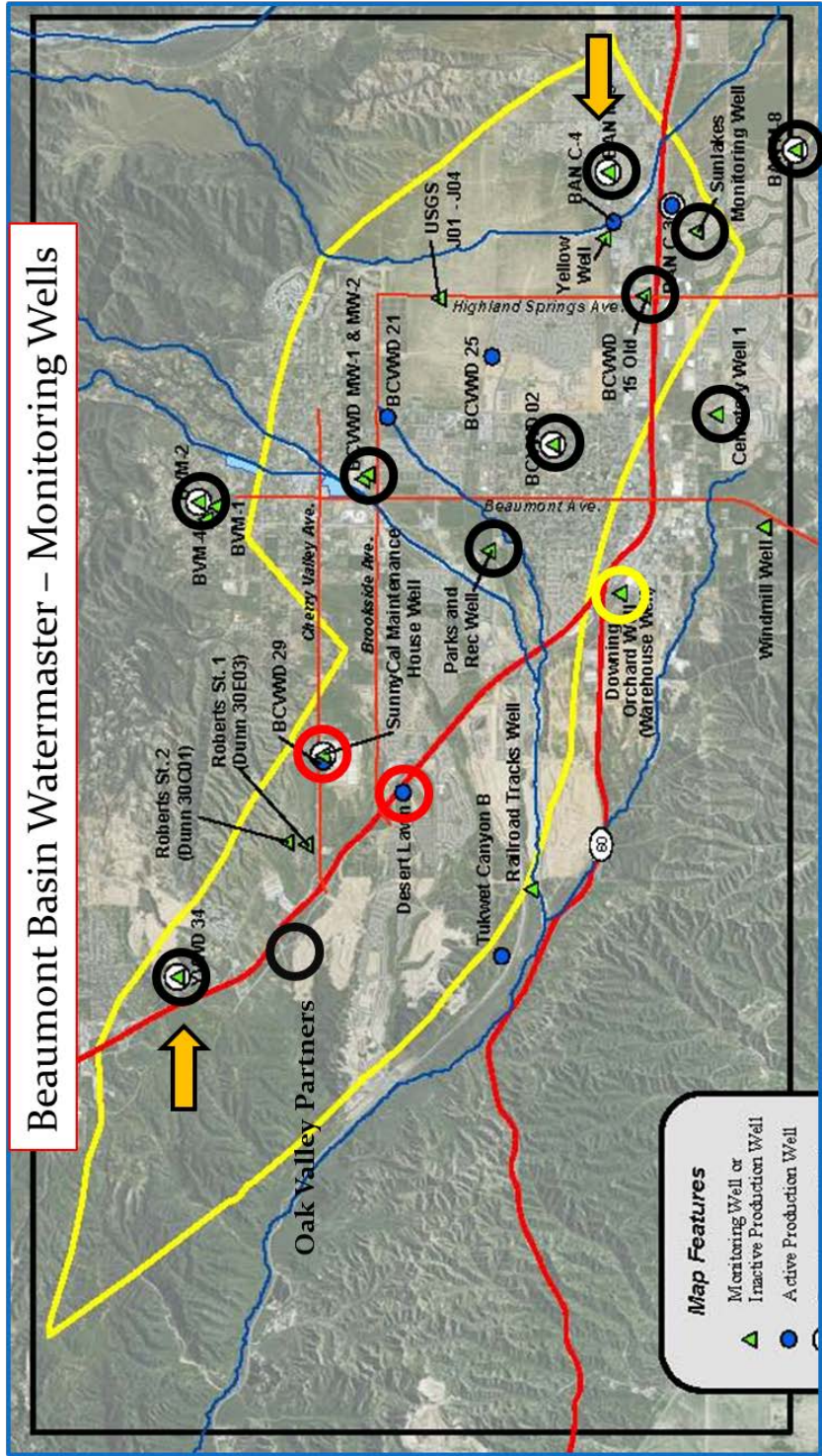
At the present time, there are 12 monitoring wells collecting water level information on an hourly basis at various locations throughout the basin. In addition, there are two monitoring probes collecting barometric pressures at opposite ends of the Beaumont Basin. The location of active monitoring wells is depicted in the attached Figure No. 1.

One additional monitoring well, located in the Sunny-Cal Egg Ranch area, is being used to collect water level; however, a formal contract with the current property owners has not been established. It is anticipated that a separate well located in this property will be used for monitoring purposes in the future since the current well is too close to BCVWD Well No. 29.

With regards to the Icon Warehouse (a.k.a. the Downing Orchard well), the contract has been approved, but the equipment has not been installed because the communication cable ordered for this well has not been received from the manufacturer. It is anticipated that the equipment will be installed today after this meeting. The successful installation of monitoring equipment at this well will bring the total of monitoring sites to 14, four short of the ultimate goal of 18 sites.

Water level information could not be downloaded from any of the sites during our last visit as the Data Logger instrument is not working properly and the associated software malfunctioned. Solinst, the equipment manufacturer, has been contacted on this issue and have requested that we send the logger for repair/replacement since it is still under the 3-year warranty.

Since the water level data could not be downloaded, we logged all the wells by hand to determine their depth to water. The attached table shows the resulting water level elevations (Fall 2016) and compares them to recorded levels in the summer of 2015 and 2016. Observations about changes in water level at individual wells are also noted in the table.



Beaumont Basin Watermaster – Monitoring Wells

- Wells with Monitoring Probes – Working
 - Bonita Vista No. 2
 - Noble Creek Observation 4D and 4S
 - Noble Creek Park
 - BCVWD No. 2
 - BCVWD Old Well No. 15 (Banning)
 - Summit Cemetery No. 1
 - Sun Lakes Golf Course
 - Banning M-9 and M-8
 - YVWD Well 34
 - Oak Valley Partners
- Wells under Contract Negotiation
 - Icon Warehouse (Downing Orchard Well)
- Other Wells Under Consideration
 - Desert Lawn – Negotiations
 - Sunny Cal Egg Corporation – No Contact Established
- ↑** Wells with Barometers
 - YVWD Well 34
 - Banning M-9

**Beaumont Basin Watermaster
Water Level Comparison at Selected Locations - Summer 2015 vs. Summer 2016 vs. Fall 2016**

Well Owner / Well Name	Ground Elevation (ft)	Water Level Elevation			Comments
		Summer 2015 7/31/15	Summer 2016 7/31/16	Fall 2016 11/29/16	
BCVWD - Well No. 2	2,646	2,197	2,194	2,195	Minor decline in water level over the last 15 months
BCVWD - Monitoring Well 4S	2,745	2,367	2,343	2,367	Water level declined in the Summer of 2016, but have recovered in the last 4 months
BCVWD - Monitoring Well 4D	2,746	2,251	2,242	2,247	A 9 ft decline in water level was observed through the Summer of 2016. Level has recovered over the last 4 months
BCVWD - Bonita VM Well No. 2	2,952	2,893	2,891	2,889	A water level decline of 4 feet has been observed since the Summer of 2015
City of Banning - Sun Lakes	2,539	2,422	2,420	2,419	A minor water level decline (3 ft) has been observed since the Summer of 2015
City of Banning - Well M8	2,426	2,080	2,064	2,061	A significant decline in water level (19 ft) has been recorded since the Summer of 2015
City of Banning - Well M9	2,558	-	2,136	2,142	Water level has risen by approximately 6 feet since the Summer of 2016
City of Banning - Old BCVWD No. 15	2,382	1,988	1,990	1,988	No change in water level since the Summer of 2015
Yucaipa VWD - Well No. 34	2,359	2,140	2,141	2,139	Minor fluctuation (1-2 ft) over the last 15 months.
Summit Cemetery District - Sunnyslope No. 1	2,571	2,501	2,499	2,509	Water level has increased by approximately 10 feet since the Summer of 2016
BCV Parks and Rec Dist. - Noble Creek Well	2,621	2,207	2,209	2,206	Minor fluctuation (2-3 ft) over the last 15 months.
Oak Valley Partners - Singleton No. 5	2,251	-	2,127	2,129	Minor increase in water level since the Summer of 2015

BEAUMONT BASIN WATERMASTER

MEMORANDUM NO. 16-20

Date: December 7, 2016

From: Eric Fraser, Secretary

Subject: Discussion Regarding the Creation of a Return Flow Policy for the
Beaumont Basin

Recommendation: No recommendation.

Over the past several years, the Beaumont Basin Watermaster has discussed the need to develop a policy regarding return flows to the Basin. Generally, a policy regarding return flows would consist of the following basic elements:

The retail entity which serves water produced from the Beaumont Basin shall be entitled to pump the amount of such water returned to the Basin after being beneficially used by the entity's customer which (a) constitutes a net enhancement of water stored in the Basin and (b) is identified as return flows in the most recent safe yield study completed for the Watermaster

The Watermaster Committee should discuss this policy concept and provide direction to our consultants and Legal Counsel to draft a policy for future discussion.

BEAUMONT BASIN WATERMASTER

MEMORANDUM NO. 16-21

Date: December 7, 2016

From: Hannibal Blandon, ALDA Inc.
Joseph Zoba, Treasurer

Subject: Conditions Related to the Groundwater Storage Agreement in the
Beaumont Basin for the San Gorgonio Pass Water Agency
(SGPWA)

Recommendation: Pending

At the April Board meeting, copies of SGPWA's application for a groundwater storage agreement in the Beaumont Basin were distributed to members of the Watermaster Committee for their review.

At the Watermaster meeting on June 1, 2016, the Watermaster Committee discussed the importance of incorporating contingencies into the approval of the storage account to protect the rights and responsibilities of the Watermaster members to fulfill the terms of the Stipulated Judgment.

On October 5, 2016, the Watermaster Committee reviewed the following proposed conditions that would be included in the storage agreement with the San Gorgonio Pass Water Agency to represent the common goals of the parties:

1. The storage account authorized to the San Gorgonio Pass Water Agency shall not negatively impact, impede, reduce or obstruct the purchase and delivery of supplemental water from the San Gorgonio Pass Water Agency to any water retailer of the Watermaster Committee at any location or time.
2. When the quantity of supplemental water available on an annual basis exceeds all demands and/or requests for supplemental water by the Watermaster Committee members, the San Gorgonio Pass Water Agency may recharge the excess supplemental water in the Beaumont Avenue Recharge Facility or any other location approved by the Beaumont Basin Watermaster.
3. Supplemental water stored by the San Gorgonio Pass Water Agency pursuant to the conditions herein and the approved Storage Agreement will be made available at any time to the members of the Watermaster without restrictions
4. Any member or members of the Watermaster shall maintain the first right of refusal to purchase the supplemental water placed in storage by the San Gorgonio Pass Water Agency. All Watermaster members shall be notified in writing a minimum

of 60 calendar days prior to any sale, transfer, distribution, or exchange of any supplemental water in the storage account of the San Gorgonio Pass Water Agency. The Watermaster maintains an opportunity to individually or collectively purchase the water in the storage account of the San Gorgonio Pass Water Agency under the same terms and conditions offered to a member of the Watermaster, non-member of the Watermaster, or any other entity.

5. Any future condition, issue, or operational constraint that conflicts with the ability of any Watermaster member to administer and fulfill their obligation(s) pursuant to the Stipulated Judgment shall be immediate cause for rescinding the storage agreement to the San Gorgonio Pass Water Agency.

The language was shared with Jeff Davis, General Manager of the San Gorgonio Pass Water Agency. If there are no further issues or suggestions related to this language, then the final Groundwater Storage Agreement will be prepared and provided to the Watermaster Committee for consideration at our next meeting.