

**Record of the Minutes of the
Beaumont Basin Committee Meeting of the
Beaumont Basin Watermaster
February 4, 2015**

Meeting Location:

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

I. Call to Order

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

II. Roll Call

<i>City of Banning</i>	<i>Duane Burk</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. Keith McCullough was present representing legal counsel for the Beaumont Basin Watermaster.

Members of the public who registered their attendance were: Fran Flanders, John Jeter, Bill Dickson, Hannibal Blandon, Patsy Reeley, Dick Reeley, Lloyd White, Pat Aspan, Rhea Weber, Carl Kymla, Bob Wall, Nancy Gall, MaryAnn Melleby, Ton Shalhoub and Nancy Carroll.

III. Pledge of Allegiance

Member Fraser led the 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.

No public comment was received at this time.

V. Consent Calendar

- a. Meeting Minutes
 - i. Approval of Meeting Minutes for December 3, 2014

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

VI. Reports

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

No Reports were made.

- b. Report from Legal Counsel - Keith McCullough, Alvarado Smith

No Reports were made.

VII. Discussion Items

- a. Reorganization of the Beaumont Basin Watermaster Committee - Chairman, Vice- Chairman, Secretary and Treasurer [[Memorandum No. 15-01, Watermaster Meeting Material Page 10 of 45](#)]

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

No action was taken.

- b. Status Report on the Return Flow Analysis for Calendar Year 2013 and Calendar Year 2014 [[Memorandum No. 15-02, Watermaster Meeting Material Page 11 of 45](#)]

Recommendation: No recommendation.

Engineer Tom Harder reported that there is still an evaluation of the delivered water records within the adjudication as another way to estimate return flow pending. The information linking delivery addresses to parcels is missing from some of the data sets provided. The parcels are needed in order to link the parcel maps to the GIS data. Once the information is provided the water records will be updated annually. The Beaumont-Cherry Valley Water District is working on the parcel information as a function of their GIS expansion and implantation with the Director of Engineering providing a project timeframe. The Yucaipa Valley Water District has already linked their information but has a few items to clarify. The City of Banning will pursue an independent quote for assistance in their reconciliation. The City of Beaumont and the South Mesa Water Company are exempt.

- c. Purchase of Water Level Monitoring Equipment for Installation at Twelve Sites in the Beaumont Basin [[Memorandum No. 15-03, Watermaster Meeting Material Page 12 of 45](#)]

Recommendation: That the Watermaster members approve the purchase of water level monitoring equipment for a cost not to exceed \$16,000 and authorize an equal assessment to Watermaster members to fund the expense.

Engineer Blandon presented the results of the assessment for the equipment needed to monitor wells within the Beaumont Basin. There were 23 listed locations with corresponding wells for potential monitoring sites. The status of the current probes of each well was provided, noting which probes would need replacement. Once the 12 sites are selected for monitoring, each well will need a water level log to record water pressure as well as a probe above those logs to provide the depth of the water levels. Additionally Engineer Blandon discussed: the barometric

pressure logger that will be needed to monitor the overall water levels, the quote for the equipment and improvements, the lead time for implementation, and the calibration schedule that would be put into place to ensure accurate data. The water level information would be downloaded every other month. The recorded information will be made available by the following Committee meeting and with the Annual Report.

Member Zoba suggested an additional barometric pressure logger to be added to the request for redundancy and also requested for legal counsel to provide a closed mutual indemnity agreement with members of the public, whose wells would be accessed, to avoid liability issues with well access and probe interference. Member Warsinski asked for a recommendation of which 12 well sites would be most useful for monitoring. Member Jorritsma asked for a recommended percentage of production and nonproduction wells considered. Engineer Blandon explained that he could make recommendations based on location and production, but would have to defer to the Committee to pick the exact 12 sites. Engineer Blandon explained his preference for non-production wells as they are static while production well, especially during summer, are in constant fluctuation based on demand. Chairman Burk inquired about historical data and requested that the newly captured information be available on the Committee website. Engineer Blandon confirmed that information from 2011 forward was limited as only 3 probes were operational, and that no data was available before that period. Engineer Blandon and Member Zoba both agreed that the new data could be published on the Committee website once the appropriate format was established.

Member Zoba motioned to approve the purchase of the water level monitoring equipment to include one additional barrel logger not to exceed \$16,300 and authorize equal assessment to Watermaster members for the expenses incurred based on the assumption that legal counsel will provide indemnification agreements for wells related to private property owners. The motion was seconded by Member Fraser and passed 5-0.

- d. Task Order No. 6 with ALDA for the Installation of Water Level Monitoring Equipment in the Beaumont Basin, Collection of Water Level Data, and Reporting to Watermaster Committee [[Memorandum No. 15-04, Watermaster Meeting Material Page 33 of 45](#)]

Recommendation: That the Watermaster members approve Task Order No. 6 for a sum not to exceed \$18,490.00 and authorize an equal assessment to Watermaster members to fund the expense.

Engineer Blandon provided the cost for the installation, monitoring, processing, and reporting of the approved water level monitoring equipment. This cost is separate from the equipment purchasing cost approved in Discussion Item "C". Member Jorritsma asked for a breakdown between the initial costs and the ongoing maintenance cost. Engineer Blandon explained the continued monitoring services and the estimated cost that will be incurred, with the agreed expectation that those costs will decrease once the process becomes standardized. The cost of the maintenance will be included in the annual contracts moving forward.

After a brief discussion, Chairman Burk explained to the public the established requirements to monitor the water levels and how transducers in the past were not maintained. Member Zoba motioned to approve Task Order No. 6 for a sum not to exceed \$18,490.00 and authorize and equal assessment to Watermaster members to fund the expense. The motion was seconded by Chairman Burk and passed 5-0.

- e. Task Order No. 7 with ALDA for the Preparation of the 2014 Consolidated Annual Report, Estimate of the Basin Safe Yield, Update of the Groundwater Model, and Associated Consulting Services [Memorandum No. 15-05, Watermaster Meeting Material Page 38 of 45]

Recommendation: That the Watermaster Committee approves Task Order No. 7 for a sum not to exceed \$80,790.

Engineers Blandon and Harder explained the increased cost for the preparation of the 2014 Consolidated Annual Report as the annualized yield of the basin will include the change in storage. This will include an update of the ground water model with the 2013 and 2014 recordings. The added task will allow the safe yield model to be live, active, and updated with the intention of validating the changes in storage, but not calibrating them. After a brief discussion, Member Zoba motioned to approve Task Order No. 7 as presented but not to exceed the sum of \$80,790. The motion was seconded by Chairman Burk and passed 5-0.

- f. Status Report and Discussion Regarding the Beaumont Basin Groundwater Model and Redetermination of the Safe Yield - Final Draft Presentation [Memorandum No. 15- 06, Watermaster Meeting Material Page 44 of 45]

Recommendation: That the Watermaster Committee schedules an agenda item for the consideration of the redetermination of the safe yield at the Watermaster meeting scheduled for April 1, 2015.

Engineer Harder gave a summary of the different considerations taken when finalizing the Groundwater Model and Redetermination of the Safe Yield. Several steps were taken after the initial draft of the safe yield in February of 2014 presentation, including: removing the San Gorgonio Pass Water Agency recharge totals, refining estimates and looking at the return flow analysis to see where credit was occurring, evaluating the ground water outflow losses, consideration of the BCVWD return flows for importing surface water from San Gorgonio creek that would become return flow, and evaluating the return flow process looking at land use and high density considerations. Member Fraser requested clarification on the safe yield presented and wanted to call attention to the potential credit for the appropriate party for the return flow. Engineer Harder verified that the net inflow to the basin, which is the natural basin inflow less the artificial recharge, has been increasing over time from return flow and commented that in the future, should the Committee approve a memorandum, there is potential for crediting the appropriate party for that return flow.

Member Fraser motioned to schedule an agenda item for the consideration of the redetermination of the safe yield at the next Watermaster meeting. The motion was seconded by Member Zoba and passed 5-0.

VIII. Topics for Future Meetings

- a. Recycled Water Recharge Policy
- b. Adoption of Safe Yield Determination and Basin Model

Chairman Burk made the announcements above adding a request to discuss the new state regulations for ground water.

IX. Comments from the Watermaster Committee Members

Member Fraser thanked Engineers Blandon and Harder for their great work and acknowledged the evolution of the Groundwater Model and Safe Yield as items that will work in the best interest of constituents in the area.

X. Announcements

- a. The next regular meeting of the Beaumont Basin Watermaster is scheduled for Wednesday, April 1, 2015 at 10:00 a.m.

Chairman Burk made the announcement above.

XI. Adjournment

Chairman Burk adjourned the meeting at 11:14 a.m.

Attest:

Duane Burk, Member
Beaumont Basin Watermaster