

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

Wednesday, April 1, 2015 at 10:00 a.m.

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## 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

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### I. Call to Order

### II. Roll Call

City of Banning: Duane Burk (Alternate: Arturo Vela)  
City of Beaumont: Dave Dillon (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. Approval of Meeting Minutes for February 4, 2015

### VI. Reports

- A. Report from Engineering Consultant - Hannibal Blandon, ALDA Engineering
- B. Report from Legal Counsel - Keith McCullough, Alvarado Smith

### VII. Discussion Items

- A. Adoption of Resolution No. 2015-01 Adopting the Final 2013 Reevaluation of the Beaumont Basin Safe Yield Report and Redetermination of the Safe Yield of the Beaumont Basin [\[Memorandum No. 15-07, Page 10 of 15\]](#)
  - Recommendation: That the members of the Watermaster Committee adopt Resolution No. 2015-01 as presented.
- B. Status Report on the Installation of Water Level Monitoring Equipment at Twelve (12) Sites in the Beaumont Basin [\[Memorandum No. 15-08, Page 12 of 15\]](#)
  - Recommendation: No recommendation.
- C. Correction of the Supplemental Water Recharge Allocation for Calendar Year 2013 [\[Memorandum No. 15-09, Page 13 of 15\]](#)
  - Recommendation: For informational purposes only.

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

- A. Recycled Water Recharge Policy
- B. Review of Draft 2014 Consolidated Annual Report

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

### **X. Announcements**

- A. The next regular meeting of the Beaumont Basin Watermaster is scheduled for Wednesday, June 3, 2015 at 10:00 a.m.

### **XI. Adjournment**

# Consent Calendar

**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 Kymila, 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:

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Duane Burk, Member  
Beaumont Basin Watermaster



# Discussion Items

# BEAUMONT BASIN WATERMASTER

## MEMORANDUM NO. 15-07

**Date:** April 1, 2015

**From:** Joseph Zoba, Treasurer

**Subject:** Adoption of Resolution No. 2015-01 Adopting the Final 2013 Reevaluation of the Beaumont Basin Safe Yield Report and Redetermination of the Safe Yield of the Beaumont Basin

**Recommendation:** That the members of the Watermaster Committee adopt Resolution No. 2015-01 as presented.

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In January, a draft-final of the Beaumont Basin Safe Yield Evaluation Study was made available via e-mail to members of the Special Project Committee for their review. The draft-final document incorporates additional analysis on return flows and safe yield estimates that were conducted since the presentation of the initial draft.

On February 4, 2015, the ALDA and Tom Harder & Co team made a formal presentation of the final-draft document to provide members of the Committee with an opportunity to ask questions and addressed any unresolved issues. During this meeting the Watermaster Committee voted to present the final document at the April 2015 meeting for adoption.

**RESOLUTION NO. 2015 – 01****A RESOLUTION OF THE BEAUMONT BASIN WATERMASTER ADOPTING THE 2013 REEVALUATION OF THE BEAUMONT BASIN SAFE YIELD REPORT AND REDETERMINATION OF THE SAFE YIELD OF THE BEAUMONT BASIN**

**WHEREAS**, the Stipulated Judgment filed February 4, 2004 establishing the Beaumont Basin Watermaster (Riverside Superior Court Case No. 389197) empowers Watermaster to adopt appropriate rules and regulations for the conduct of Watermaster affairs; and

**WHEREAS**, the Stipulated Judgment, per section VI.5.Y. requires Watermaster to redetermine the Safe Yield of the Beaumont Basin at least every 10 years beginning 10 years after the date of entry of the Stipulated Judgment; and

**WHEREAS**, a special projects committee, consisting of representatives from the City of Banning, the Beaumont-Cherry Valley Water District, the South Mesa Mutual Water Company, and the Yucaipa Valley Water District was commissioned to provide Watermaster with a recommendation concerning the redetermination of safe yield; and

**WHEREAS**, the special projects committee commissioned Thomas Harder & Co. in association with Alda, Inc. to prepare a report analyzing and recommending a redetermined Safe Yield as defined by Rule 4.1 of the Beaumont Basin Watermaster Rules and Regulations; and

**WHEREAS**, the special projects committee conducted several public workshops concerning the redetermination of the Safe Yield of the Beaumont Basin during which considered and analyzed studies and draft reports prepared by Thomas Harder & Co. in association with Alda, Inc., and also received and considered comments submitted by overlyers, appropriators and members of the public; and

**WHEREAS**, Thomas Harder & Co. in association with Alda, Inc. conducted studies and prepared a report entitled "Final 2013 Reevaluation of the Beaumont Basin Safe Yield" based on the projected water balance for the 10 year period between 2013 to 2022; and

**WHEREAS**, the Thomas Harder & Co. in association with Alda, Inc. report recommended the redetermined Safe Yield of the Beaumont Basin to be 6,700 acre-feet/yr for the next 10 years of operations within the Beaumont Basin; and

**WHEREAS**, the special projects committee has recommended to Watermaster that the Final 2013 Reevaluation of the Beaumont Basin Safe Yield report be approved and adopted, and that the redetermined Safe Yield of the Beaumont Basin be 6,700 acre-feet/yr;

**NOW, THEREFORE, BE IT HEREBY RESOLVED BY THE BEAUMONT BASIN WATERMASTER** that:

1. The Beaumont Basin Watermaster does accept and adopt the Final 2013 Reevaluation of the Beaumont Basin Safe Yield report; and
2. The Beaumont Basin Watermaster redetermines the Safe Yield of the Beaumont Basin to be 6,700 acre-feet/yr.

**PASSED AND ADOPTED** this 1<sup>st</sup> day of April, 2015.

# BEAUMONT BASIN WATERMASTER

## MEMORANDUM NO. 15-08

**Date:** April 1, 2015

**From:** Hannibal Blandon, ALDA

**Subject:** Status Report on the Installation of Water Level Monitoring Equipment at Twelve (12) Sites in the Beaumont Basin

**Recommendation:** No recommendation.

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During the Watermaster meeting on February 4, 2015, the Watermaster Committee authorized ALDA Inc., to procure and install water level monitoring equipment at 12 preselected sites located throughout the Beaumont Basin. The equipment has been ordered and shipped by Solinst; however, it has not been received at the time of this writing.

Parallel to this action, Watermaster legal counsel has developed an agreement between well owner, ALDA Inc., and Watermaster to obtain access to collect water level information. This agreement is currently being reviewed.

Installation of water level monitoring equipment at selected sites will take place within two weeks after receiving the equipment from Solinst. Probes will be installed first at sites owned by a public agency and at sites that currently have a water level monitoring probe. Installation of monitoring equipment at remaining locations will take place after access has been granted to those sites by owners.

# BEAUMONT BASIN WATERMASTER

## MEMORANDUM NO. 15-09

**Date:** April 1, 2015

**From:** Hannibal Blandon, ALDA

**Subject:** Correction of the Supplemental Water Recharge Allocation for Calendar Year 2013

**Recommendation:** For informational purposes only.

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The Judgment Physical Solution authorizes Appropriators to a Controlled Overdraft and Supplemental Water Recharge Allocation of 160,000 ac-ft for the first 10 years of operation or 16,000 ac-ft/yr starting in Fiscal Year 2004. Fiscal Year accounting of the Controlled Overdraft was conducted through Fiscal Year 2011; however, in 2012 the accounting was converted to a Calendar Year basis. As part of this conversion, Appropriators were credited for half of the annual amount or 8,000 ac-ft for the second half of Calendar Year 2003 and for the full amount starting in Calendar Year 2004.

During Calendar Year 2013 Appropriators were given credit for the full amount of 16,000 ac-ft, as documented in Table 3-8 of the 2013 Annual Report. However, this was a mistake as they should have been given credit for the first half of the year only (8,000 ac-ft) as the 10-year mark was reached.

The attached Table 3-8 of the Final 2013 Annual Report has been revised to document this reduction. The revised storage account balance for the Appropriators at the end of Calendar Year 2013 is as follows:

	<b>Acre Feet</b>
<i>City of Banning</i>	46,924.7
<i>Beaumont Cherry Valley Water District</i>	32,860.3
<i>City of Beaumont</i>	0.0
<i>South Mesa Mutual Water Company</i>	7,430.2
<i>Yucaipa Valley Water District</i>	13,597.6
<b><i>Total Water in Storage</i></b>	<b>100,812.7</b>

Table 3-8 (REVISED - APRIL 2015)  
Consolidation of Appropriator Production and Storage Accounts  
Calendar Year Accounting (ac-ft) 2003 through 2013

Calendar Year	Storage Account Balance at Beginning of CY	Share of Surplus Water	Groundwater Production for CY	Under Production¹	Overlying Users Parcel Conversion	Unused Overlying Production Allocation	Additions to Storage Account				Local Recharge	Total Additions to Storage Account	Ending Account Balance
							Transfers Among Appropriators	SWP Water Recharge	Supplemental Water				
City of Banning - Authorized Storage Account: 80,000 ac-ft													
2003	0.0	2,514.5	2,174.2	340.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	340.3	340.3
2004	340.3	5,029.0	3,397.3	1,631.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,631.7	1,972.0
2005	1,972.0	5,029.0	1,808.6	3,220.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,220.4	5,192.5
2006	5,192.5	5,029.0	1,827.5	3,201.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,201.5	8,393.9
2007	8,393.9	5,029.0	2,772.6	2,256.4	0.0	0.0	1,500.0	0.0	0.0	0.0	0.0	3,756.4	12,150.3
2008	12,150.3	5,029.0	2,933.6	2,085.4	0.0	592.2	0.0	1,534.0	0.0	0.0	0.0	4,221.6	16,371.9
2009	16,371.9	5,029.0	2,095.0	2,934.0	0.0	1,594.7	0.0	2,741.2	0.0	0.0	0.0	7,269.8	23,641.8
2010	23,641.8	5,029.0	1,143.6	3,885.4	0.0	1,683.8	0.0	1,338.0	0.0	0.0	0.0	6,907.2	30,549.0
2011	30,549.0	5,029.0	1,341.7	3,687.3	0.0	1,588.2	0.0	1,588.2	0.0	0.0	0.0	6,075.6	36,624.5
2012	36,624.5	5,029.0	1,038.3	3,990.7	0.0	1,679.5	0.0	1,200.0	0.0	0.0	0.0	6,870.2	43,494.7
2013	43,494.7	2,514.5	2,100.7	413.8	0.0	1,816.1	0.0	1,200.0	0.0	0.0	0.0	3,430.0	46,924.7
Beaumont Cherry Valley Water District - Authorized Storage Account: 80,000 ac-ft													
2003	0.0	3,401.0	3,511.9	-110.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-110.9	-110.9
2004	-110.9	6,802.0	6,873.9	-71.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-71.9	-182.8
2005	-182.8	6,802.0	7,025.6	-223.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-223.6	-406.4
2006	-406.4	6,802.0	9,054.1	-2,252.1	0.0	0.0	0.0	3,501.0	0.0	0.0	0.0	1,248.9	842.5
2007	842.5	6,802.0	11,383.3	-4,581.3	0.0	0.0	1,500.0	4,501.0	0.0	0.0	0.0	1,419.7	2,262.2
2008	2,262.2	6,802.0	10,710.5	-3,908.5	0.0	801.0	2,500.0	2,369.0	0.0	0.0	0.0	1,791.5	4,053.7
2009	4,053.7	6,802.0	10,133.9	-3,331.9	0.0	2,156.8	2,000.0	2,741.2	0.0	0.0	0.0	3,566.1	7,619.8
2010	7,619.8	6,802.0	9,421.3	-2,619.3	0.0	2,277.4	0.0	5,727.0	0.0	0.0	0.0	5,385.1	13,004.9
2011	13,004.9	6,802.0	9,431.3	-2,629.3	0.0	2,148.1	3,500.0	7,979.0	0.0	0.0	0.0	10,997.8	24,002.8
2012	24,002.8	6,802.0	10,162.0	-3,360.0	0.0	2,271.5	0.0	7,763.0	0.0	0.0	0.0	6,664.5	30,667.3
2013	30,667.3	3,401.0	11,097.4	-7,696.4	0.0	2,456.4	0.0	7,403.0	0.0	0.0	0.0	2,163.0	32,860.3
City of Beaumont - Authorized Storage Account: 30,000 ac-ft													
2003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2008	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 3-8 (REVISED - APRIL 2015)  
Consolidation of Appropriator Production and Storage Accounts  
Calendar Year Accounting (ac-ft) 2003 through 2013

Calendar Year	Storage Account Balance at Beginning of CY	Share of Surplus Water	Groundwater Production for CY	Under Production¹	Overlying Users Parcel Conversion	Additions to Storage Account					Local Recharge	Total Additions to Storage Account	Ending Account Balance	
						Unused Overlying Production Allocation	Transfers Among Appropriators	Supplemental Water		Recycled Water Recharge				
								SWP Water Recharge						
South Mesa Water Company - Authorized Storage Account: 20,000 ac-ft														
2003	0.0	998.0	223.2	774.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	774.8	774.8	774.8
2004	774.8	1,996.0	482.5	1,513.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,513.5	2,288.3	2,288.3
2005	2,288.3	1,996.0	663.2	1,332.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,332.8	3,621.1	3,621.1
2006	3,621.1	1,996.0	616.0	1,380.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,380.0	5,001.1	5,001.1
2007	5,001.1	1,996.0	665.8	1,330.2	0.0	-3,000.0	0.0	0.0	0.0	0.0	0.0	-1,689.8	3,331.3	3,331.3
2008	3,331.3	1,996.0	470.9	1,525.2	0.0	235.2	-2,500.0	0.0	0.0	0.0	0.0	-739.7	2,591.6	2,591.6
2009	2,591.6	1,996.0	382.2	1,613.8	0.0	633.2	-2,000.0	0.0	0.0	0.0	0.0	247.0	2,838.6	2,838.6
2010	2,838.6	1,996.0	405.0	1,591.1	0.0	668.6	0.0	0.0	0.0	0.0	0.0	2,259.6	5,098.3	5,098.3
2011	5,098.3	1,996.0	419.9	1,576.1	0.0	630.6	-3,500.0	0.0	0.0	0.0	0.0	-1,293.3	3,805.0	3,805.0
2012	3,805.0	1,996.0	448.5	1,547.5	0.0	666.9	0.0	0.0	0.0	0.0	0.0	2,214.4	6,019.4	6,019.4
2013	6,019.4	998.0	308.4	689.7	0.0	721.1	0.0	0.0	0.0	0.0	0.0	1,410.8	7,430.2	7,430.2
Yucaipa Valley Water District - Authorized Storage Account: 50,000 ac-ft														
2003	0.0	1,066.5	1,162.4	-75.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-75.9	-75.9	-75.9
2004	-75.9	2,173.0	1,833.7	339.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	339.3	263.4	263.4
2005	263.4	2,173.0	1,281.3	891.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	891.7	1,155.1	1,155.1
2006	1,155.1	2,173.0	2,027.3	145.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	145.7	1,300.8	1,300.8
2007	1,300.8	2,173.0	1,682.9	490.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	490.1	1,790.9	1,790.9
2008	1,790.9	2,173.0	572.0	1,601.0	0.0	255.9	0.0	0.0	0.0	0.0	0.0	1,856.8	3,647.8	3,647.8
2009	3,647.8	2,173.0	504.4	1,688.6	0.0	689.0	0.0	0.0	0.0	0.0	0.0	2,357.6	6,005.4	6,005.4
2010	6,005.4	2,173.0	672.4	1,500.6	0.0	727.5	0.0	0.0	0.0	0.0	0.0	2,228.1	8,233.5	8,233.5
2011	8,233.5	2,173.0	534.1	1,638.9	0.0	686.2	0.0	0.0	0.0	0.0	0.0	2,325.1	10,558.6	10,558.6
2012	10,558.6	2,173.0	700.1	1,472.9	0.0	725.6	0.0	0.0	0.0	0.0	0.0	2,198.5	12,757.1	12,757.1
2013	12,757.1	1,066.5	1,030.8	55.7	0.0	784.7	0.0	0.0	0.0	0.0	0.0	840.4	13,597.6	13,597.6
Morongo Band of Mission Indians - Authorized Storage Account: 20,000 ac-ft														
2013	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Totals														
2003	0.0	8,000.0	7,071.7	928.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	928.3	928.3	928.3
2004	928.3	16,000.0	12,587.4	3,412.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,412.6	4,340.9	4,340.9
2005	4,340.9	16,000.0	10,778.6	5,221.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5,221.4	9,562.3	9,562.3
2006	9,562.3	16,000.0	13,524.9	2,475.1	0.0	0.0	0.0	0.0	3,501.0	0.0	0.0	5,976.1	15,538.3	15,538.3
2007	15,538.3	16,000.0	16,504.6	-504.6	0.0	0.0	0.0	0.0	4,501.0	0.0	0.0	3,996.4	19,534.8	19,534.8
2008	19,534.8	16,000.0	14,687.0	1,313.0	0.0	1,884.2	0.0	0.0	3,933.0	0.0	0.0	7,130.2	26,665.0	26,665.0
2009	26,665.0	16,000.0	13,115.6	2,884.4	0.0	5,073.7	0.0	0.0	5,462.4	0.0	0.0	13,440.6	40,105.6	40,105.6
2010	40,105.6	16,000.0	11,642.3	4,357.7	0.0	5,357.4	0.0	0.0	7,065.0	0.0	0.0	16,780.1	56,885.7	56,885.7
2011	56,885.7	16,000.0	11,727.1	4,272.9	0.0	5,053.3	0.0	0.0	8,779.0	0.0	0.0	18,105.2	74,990.9	74,990.9
2012	74,990.9	16,000.0	12,348.9	3,651.1	0.0	5,343.5	0.0	0.0	8,963.0	0.0	0.0	17,977.6	92,968.5	92,968.5
2013	92,968.5	8,000.0	14,537.2	-5,537.2	0.0	5,778.4	0.0	0.0	8,603.0	0.0	0.0	7,844.2	100,812.7	100,812.7

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