

# CHINO BASIN WATERMASTER



## NOTICE OF MEETINGS

**Thursday, November 17, 2016**

9:00 a.m. – Advisory Committee Meeting

11:00 a.m. – Watermaster Board Meeting

LUNCH WILL BE SERVED

AT THE CHINO BASIN WATERMASTER OFFICES  
9641 San Bernardino Road  
Rancho Cucamonga, CA 91730  
(909) 484-3888

# **CHINO BASIN WATERMASTER**

**Thursday, November 17, 2016**

9:00 a.m. – Advisory Committee Meeting

11:00 a.m. – Watermaster Board Meeting

***AGENDA***

**CHINO BASIN WATERMASTER  
ADVISORY COMMITTEE MEETING**

9:00 a.m. – November 17, 2016

**WITH**

*Ms. Rosemary Hoerning, Chair*

*Mr. Brian Geye, Vice-Chair*

**At The Offices Of**

**Chino Basin Watermaster**

9641 San Bernardino Road

Rancho Cucamonga, CA 91730

**AGENDA**

**CALL TO ORDER**

**AGENDA - ADDITIONS/REORDER**

**I. CONSENT CALENDAR**

**Note: All matters listed under the Consent Calendar are considered to be routine and non-controversial and will be acted upon by one motion in the form listed below. There will be no separate discussion on these items prior to voting unless any members, staff, or the public requests specific items be discussed and/or removed from the Consent Calendar for separate action.**

**A. MINUTES**

1. Minutes of the Advisory Committee Meeting held October 20, 2016 *(Page 1)*

**B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of September 2016 *(Page 9)*
2. Watermaster VISA Check Detail for the month of September 2016 *(Page 23)*
3. Combining Schedule for the Period July 1, 2016 through September 30, 2016 *(Page 27)*
4. Treasurer's Report of Financial Affairs for the Period September 1, 2016 through September 30, 2016 *(Page 31)*
5. Budget vs. Actual Report for the Period July 1, 2016 through September 30, 2016 *(Page 35)*

**C. ANNUAL FINDING OF SUBSTANTIAL COMPLIANCE WITH THE RECHARGE MASTER PLAN *(Page 53)***

Recommend to the Watermaster Board to adopt the finding that Watermaster is in substantial compliance with the Recharge Master Plan.

**D. CHINO BASIN WATERMASTER 38<sup>TH</sup> ANNUAL REPORT *(Page 61)***

Recommend to the Watermaster Board to adopt the 38th Annual Report, along with filing a copy with the Court, subject to any necessary non-substantive changes.

**II. BUSINESS ITEMS****A. USE OF SB 222 FUNDS IN FISCAL YEAR 2016/17** *(Page 63)*

Provide direction to staff to use the SB 222 Funds of \$158,251 to pay for studies and investigations that aid in implementing the OBMP, and find that the proposed use is consistent with the original intent of the legislation.

**B. CHINO BASIN WATERMASTER FISCAL YEAR 2016/2017 ASSESSMENT PACKAGE** *(Page 75)*

Approve the Fiscal Year 2016/17 Assessment Package as presented, including no credit for Stormwater New Yield and postponing the assessment of Desalter Replenishment Obligation.

**C. RESOLUTION TO LEVY REPLENISHMENT AND ADMINISTRATIVE ASSESSMENTS FOR FISCAL YEAR 2016/17** *(Page 79)*

Review Resolution 2016-09 as presented, and offer advice to Watermaster.

**D. 2013 RMPU AMENDMENT – PROPOSED YIELD ENHANCEMENT PROJECTS** *(Page 85)*

Approve the “Post-2014 Stormwater Recharge Program” as presented.

**E. SUPPLEMENTAL WATER RECHARGE REVISED FORMS** *(Page 89)*

Approve the revised Form 2 and its use instead of the existing Form 2.

**F. CALENDAR YEAR 2017 ADVISORY COMMITTEE VOLUME VOTE** *(Page 113)*

Approve the Calendar Year 2017 Advisory Committee Volume Vote as presented subject to Board approval of the 2016/17 Assessment Package.

**III. REPORTS/UPDATES****A. LEGAL COUNSEL REPORT**

1. Responses to Questions for Clarification of Safe Yield Reset Tentative Orders
2. December 9, 2016 Court Hearing re Physical Solution Transfer Rate Substitution
3. Submittal of 2015 Ground-Level Monitoring Committee Annual Report
4. Alvarez CalPERS Appeal

**B. ENGINEER REPORT**

1. Prado Basin Habitat Sustainability Committee
2. Ground-Level Monitoring Committee
3. RMPU Project Support and MPI Analysis
4. Basin Monitoring Program Task Force

**C. CFO REPORT**

1. Fiscal Year 2016/17 Assessment Invoicing
2. Option to Purchase Desalter Replenishment Obligation

**D. GM REPORT**

1. FY 2015/16 Replenishment Water Order
2. Other

**E. INLAND EMPIRE UTILITIES AGENCY**

1. MWD Update *(Page 123)*
2. State and Federal Legislative Reports *(Page 129)*
3. Public Outreach and Communication Report *(Page 142)*

**F. OTHER METROPOLITAN MEMBER AGENCY REPORTS**

**IV. INFORMATION**

1. Cash Disbursements for October 2016 (*Page 148*)

**V. COMMITTEE MEMBER COMMENTS**

**VI. OTHER BUSINESS**

**VII. CONFIDENTIAL SESSION - POSSIBLE ACTION**

Pursuant to the Advisory Committee Pool Rules & Regulations, a Confidential Session may be held during the Watermaster Pool meeting for the purpose of discussion and possible action.

**VIII. FUTURE MEETINGS AT WATERMASTER**

11/15/16	Tue	9:00 a.m.	Groundwater Recharge Coordinating Committee (GRCC)
11/17/16	Thu	8:00 a.m.	Appropriative Pool Strategic Planning (Confidential Session Only)
11/17/16	Thu	9:00 a.m.	Advisory Committee Meeting
<del>11/17/16</del>	<del>Thu</del>	<del>9:30 a.m.</del>	<del>Recharge Investigations and Projects Committee (RIPCom) CANCELLED</del>
11/17/16	Thu	11:00 a.m.	Watermaster Board Meeting (Rescheduled from 11/24/16)
12/01/16	Thu	10:30 a.m.	Ground-Level Monitoring Committee Meeting

NOTE: There will be no regularly scheduled meetings at Watermaster in December 2016.

**ADJOURNMENT**

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**CHINO BASIN WATERMASTER  
WATERMASTER BOARD MEETING**

11:00 a.m. – November 17, 2016

**WITH**

*Mr. Steve Elie – Chair*

*Mr. James Curatalo – Vice-Chair*

**At The Offices Of**

**Chino Basin Watermaster**

9641 San Bernardino Road

Rancho Cucamonga, CA 91730

**AGENDA**

**CALL TO ORDER**

**PLEDGE OF ALLEGIANCE**

**PUBLIC COMMENTS**

**AGENDA - ADDITIONS/REORDER**

**I. CONSENT CALENDAR**

**Note:** All matters listed under the Consent Calendar are considered to be routine and non-controversial and will be acted upon by one motion in the form listed below. There will be no separate discussion on these items prior to voting unless any members, staff, or the public requests specific items be discussed and/or removed from the Consent Calendar for separate action.

**A. MINUTES**

1. Minutes of the Watermaster Board Meeting held October 27, 2016 (*Page 5*)

**B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of September 2016 (*Page 9*)
2. Watermaster VISA Check Detail for the month of September 2016 (*Page 23*)
3. Combining Schedule for the Period July 1, 2016 through September 30, 2016 (*Page 27*)
4. Treasurer's Report of Financial Affairs for the Period September 1, 2016 through September 30, 2016 (*Page 31*)
5. Budget vs. Actual Report for the Period July 1, 2016 through September 30, 2016 (*Page 35*)

**C. ANNUAL FINDING OF SUBSTANTIAL COMPLIANCE WITH THE RECHARGE MASTER PLAN (*Page 53*)**

Adopt the finding that Watermaster is in substantial compliance with the Recharge Master Plan.

**D. CHINO BASIN WATERMASTER 38<sup>TH</sup> ANNUAL REPORT (*Page 61*)**

Adopt the 38th Annual Report, along with filing a copy with the Court, subject to any necessary non-substantive changes.

**II. BUSINESS ITEMS**

**A. USE OF SB 222 FUNDS IN FISCAL YEAR 2016/17 (*Page 63*)**

Provide direction to staff to use the SB 222 Funds of \$158,251 to pay for studies and investigations that aid in implementing the OBMP, and find that the proposed use is consistent with the original intent of the legislation.

- B. CHINO BASIN WATERMASTER FISCAL YEAR 2016/2017 ASSESSMENT PACKAGE** *(Page 75)*  
Approve the Fiscal Year 2016/17 Assessment Package as presented, including no credit for Stormwater New Yield and postponing the assessment of Desalter Replenishment Obligation, upon approval of Advisory Committee.
- C. RESOLUTION TO LEVY REPLENISHMENT AND ADMINISTRATIVE ASSESSMENTS FOR FISCAL YEAR 2016/17** *(Page 79)*  
Adopt Resolution 2016-09 as presented.
- D. 2013 RMPU AMENDMENT – PROPOSED YIELD ENHANCEMENT PROJECTS** *(Page 85)*  
Approve the “Post-2014 Stormwater Recharge Program” as presented.
- E. SUPPLEMENTAL WATER RECHARGE REVISED FORMS** *(Page 89)*  
Approve the revised Form 2 and its use instead of the existing Form 2.
- F. CHINO BASIN WATERMASTER ANNUAL FINANCIAL REPORT FOR THE FISCAL YEARS ENDED JUNE 30, 2016 AND 2015; AND THE CHINO BASIN WATERMASTER MANAGEMENT REPORT FOR JUNE 30, 2016** *(Page 117)*  
Receive and file (1) the Chino Basin Watermaster Annual Financial Report for the Fiscal Years Ended June 30, 2016 and 2015 dated November 17, 2016; and (2) the Chino Basin Watermaster Management Report for June 30, 2016 dated November 17, 2016.

### **III. REPORTS/UPDATES**

#### **A. LEGAL COUNSEL REPORT**

1. Responses to Questions for Clarification of Safe Yield Reset Tentative Orders
2. December 9, 2016 Court Hearing re Physical Solution Transfer Rate Substitution
3. Submittal of 2015 Ground-Level Monitoring Committee Annual Report
4. Alvarez CalPERS Appeal

#### **B. ENGINEER REPORT**

1. Prado Basin Habitat Sustainability Committee
2. Ground-Level Monitoring Committee
3. RMPU Project Support and MPI Analysis
4. Basin Monitoring Program Task Force

#### **C. CFO REPORT**

1. Fiscal Year 2016/17 Assessment Invoicing
2. Option to Purchase Desalter Replenishment Obligation

#### **D. GM REPORT**

1. FY 2015/16 Replenishment Water Order
2. Other

### **IV. INFORMATION**

1. Cash Disbursements for October 2016 *(Page 148)*

### **V. BOARD MEMBER COMMENTS**

### **VI. OTHER BUSINESS**

**VII. CONFIDENTIAL SESSION - POSSIBLE ACTION**

Pursuant to Article 2.6 of the Watermaster Rules & Regulations, a Confidential Session may be held during the Watermaster committee meeting for the purpose of discussion and possible action.

1. September 19, 2016 Tentative Rulings

**VIII. FUTURE MEETINGS AT WATERMASTER**

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11/17/16	Thu	8:00 a.m.	Appropriative Pool Strategic Planning (Confidential Session Only)
11/17/16	Thu	9:00 a.m.	Advisory Committee Meeting
<del>11/17/16</del>	<del>Thu</del>	<del>9:30 a.m.</del>	<del>Recharge Investigations and Projects Committee (RIPCom)</del> CANCELLED
11/17/16	Thu	11:00 a.m.	Watermaster Board Meeting (Rescheduled from 11/24/16)
12/01/16	Thu	10:30 a.m.	Ground-Level Monitoring Committee Meeting

NOTE: There will be no regularly scheduled meetings at Watermaster in December 2016.

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# **CHINO BASIN WATERMASTER**

## **I. CONSENT CALENDAR (Advisory Committee)**

### **A. MINUTES**

1. Advisory Committee Meeting held on October 20, 2016

**DRAFT MINUTES**  
**CHINO BASIN WATERMASTER**  
**ADVISORY COMMITTEE MEETING**

October 20, 2016

The Advisory Committee meeting was held at the offices of the Chino Basin Watermaster located at 9641 San Bernardino Road, Rancho Cucamonga, CA on October 20, 2016.

**ADVISORY COMMITTEE MEMBERS PRESENT**

**APPROPRIATIVE POOL**

Rosemary Hoerning (Chair)	City of Upland
John Bosler for Marty Zvirbulis	Cucamonga Valley Water District
Van Jew	Monte Vista Irrigation Company
Cris Fealy	Fontana Water Company
Eric Tarango for Josh Swift	Fontana Union Water Company
Ron Craig	City of Chino Hills
Justin Scott-Coe	Monte Vista Water District
Todd Corbin	Jurupa Community Services District
Darron Poulsen	City of Pomona
Dave Crosley	City of Chino
Teri Layton	San Antonio Water Company
Katie Gienger for Scott Burton	City of Ontario

**NON-AGRICULTURAL POOL**

Brian Geye (Vice-Chair)	Auto Club Speedway
Ken Jeske	California Steel Industries (CSI)

**AGRICULTURAL POOL**

Jeff Pierson (2 <sup>nd</sup> Vice-Chair)	Crops
Pete Hall	State of California – CIM
Lawrence Dimock	State of California – CIM
Rob Vanden Heuvel for Bob Feenstra	Dairy

**WATERMASTER BOARD MEMBERS PRESENT**

Bob Kuhn	Three Valleys Municipal Water District
Bob Bowcock	Calmat Company (Vulcan Materials Co.)

**WATERMASTER STAFF PRESENT**

Peter Kavounas	General Manager
Joseph Joswiak	Chief Financial Officer
Anna Truong	Executive Services Director/Board Clerk
Justin Nakano	Water Resources Senior Associate

**WATERMASTER CONSULTANTS PRESENT**

Brad Herrema	Brownstein Hyatt Farber Schreck, LLP
Mark Wildermuth	Wildermuth Environmental, Inc.
Andy Malone	Wildermuth Environmental, Inc.
Garrett Rapp	Wildermuth Environmental, Inc.

**OTHERS PRESENT**

Shaun Stone	Inland Empire Utilities Agency
Curtis Paxton	Chino Basin Desalter Authority
Jo Lynne Russo-Pereyra	Cucamonga Valley Water District

Joel Ignacio  
Richard Rees  
Amanda Coker  
Eunice Ulloa  
Sheri Rojo  
Raul Garibay  
Manny Martinez

Inland Empire Utilities Agency  
AMEC  
City of Chino  
Chino Basin Water Conservation District  
Basin Creek Consulting  
City of Pomona  
Monte Vista Water District

**CALL TO ORDER**

Chair Hoerning called the Advisory Committee meeting to order at 9:08 a.m.

**AGENDA - ADDITIONS/REORDER**

None

**I. CONSENT CALENDAR**

**A. MINUTES**

- 1. Minutes of the Advisory Committee Meeting held September 15, 2016

**B. FINANCIAL REPORTS**

- 1. Cash Disbursements for the month of August 2016
- 2. Watermaster VISA Check Detail for the month of August 2016
- 3. Combining Schedule for the Period July 1, 2016 through August 31, 2016
- 4. Treasurer’s Report of Financial Affairs for the Period August 1, 2016 through August 31, 2016
- 5. Budget vs. Actual Report for the Period July 1, 2016 through August 31, 2016

(0:01:08)

*Motion by Mr. Jeff Pierson, seconded by Mr. Darron Poulsen, and by unanimous vote  
**Moved to approve Consent Calendar as presented.***

**II. BUSINESS ITEMS**

**A. 2015 GROUND-LEVEL MONITORING COMMITTEE ANNUAL REPORT**

Recommend to the Watermaster Board to adopt the 2015 Annual Report of the Ground-Level Monitoring Committee, along with filing a copy with the Court.

(0:01:31) Mr. Kavounas gave a report.

(0:01:58)

*Motion by Mr. Van Jew, seconded by Mr. Darron Poulsen, and by unanimous vote  
**Moved to approve Business Item II.A. as presented.***

**B. SUPPLEMENTAL WATER RECHARGE PROCEDURE**

Offer advice and assistance.

(0:02:22) Mr. Kavounas gave a report. A discussion ensued. Based on comments received, the item will be revised, and brought back to the November 2016 meetings for consideration.

**C. EXHIBIT “G” PHYSICAL SOLUTION TRANSFER RATE SUBSTITUTION**

Approve the proposed Fiscal Year 2016-17 substitute Physical Solution Transfer rate, and approve Watermaster legal counsel’s filing of motion for Court approval of the same.

(0:34:07) Mr. Kavounas gave a report. A discussion ensued.

(0:34:52) Motion introduced by Mr. Jeske. More discussion ensued.

(0:40:01) Vote taken

*Motion by Mr. Ken Jeske, seconded by Mr. Cris Fealy, and by majority vote*

***Moved to approve Business Item II.C. as presented.***

No Vote:

Mr. Justin Scott-Coe – Monte Vista Water District

### III. REPORTS/UPDATES

#### A. **LEGAL COUNSEL REPORT**

1. September 23, 2016 Hearing and Subsequent Ruling

(0:40:24) Mr. Herrema gave a report.

#### B. **ENGINEER REPORT**

1. RMPU Projects Support
2. Recomputation of Ambient Water Quality
3. Water Rights Compliance
4. Model Update and Required Demonstrations
5. 2016-17 Meeting/Reporting Schedules for Prado Basin Habitat Sustainability Program and Ground-Level Monitoring Committees

(0:43:28) Mr. Malone gave a report. A discussion ensued.

#### C. **CFO REPORT**

1. Use of SB 222 Fund

(0:50:36) Mr. Joswiak offered the same report as was given at the Pool meetings last week. The Committee declined as they had already received the information.

#### D. **GM REPORT**

1. FY 2016/17 Assessment Package
2. Storage Management
3. FY 2015/16 Replenishment Water Order
4. Holiday Meeting Schedule
5. Other

(0:51:10) Mr. Kavounas gave a report and added an update regarding SGMA. A discussion ensued.

(0:52:41) Mr. Scott-Coe left the meeting.

#### E. **INLAND EMPIRE UTILITIES AGENCY**

1. MWD Update
2. State and Federal Legislative Reports
3. Public Outreach and Communication Report

No verbal update was given.

#### F. **OTHER METROPOLITAN MEMBER AGENCY REPORTS**

None

**IV. INFORMATION**

1. Cash Disbursements for September 2016
2. RMPU Status Report
3. Ground-Level Monitoring Status Report
4. South Archibald and Chino Airport Plumes Status Report
5. FY 2016/17 First Interim Organization Performance Report

**V. COMMITTEE MEMBER COMMENTS**

None

**VI. OTHER BUSINESS**

None

**VII. CONFIDENTIAL SESSION - POSSIBLE ACTION**

None

**ADJOURNMENT**

Chair Hoerning adjourned the Advisory Committee meeting at 10:07 a.m.

Secretary: \_\_\_\_\_

Approved: \_\_\_\_\_

# CHINO BASIN WATERMASTER

## I. CONSENT CALENDAR (Watermaster Board)

### A. MINUTES

1. Watermaster Board Meeting held on October 27, 2016

**DRAFT MINUTES**  
**CHINO BASIN WATERMASTER**  
**WATERMASTER BOARD MEETING**

October 27, 2016

The Watermaster Board meeting was held at the offices of the Chino Basin Watermaster located at 9641 San Bernardino Road, Rancho Cucamonga, CA on October 27, 2016.

**WATERMASTER BOARD MEMBERS PRESENT**

Bob Kuhn, Secretary/Treasurer (Acting Chair)  
Terry Catlin for Steve Elie  
Kathy Tiegs for James Curatalo  
Brian Geye for Bob Bowcock  
Geoffrey Vanden Heuvel  
Paul Hofer  
Jim Bowman  
Tom Thomas  
Don Galleano

Three Valleys Municipal Water District  
Inland Empire Utilities Agency  
Cucamonga Valley Water District  
Auto Club Speedway  
Agricultural Pool – Dairy  
Agricultural Pool – Crops  
City of Ontario  
City of Upland  
Western Municipal Water District

**WATERMASTER BOARD MEMBERS ABSENT**

Steve Elie, Chair  
James Curatalo, Vice-Chair  
Bob Bowcock

Inland Empire Utilities Agency  
Cucamonga Valley Water District  
Calmat Company (Vulcan Materials Co.)

**WATERMASTER STAFF PRESENT**

Peter Kavounas  
Joseph Joswiak  
Anna Truong

General Manager  
Chief Financial Officer  
Executive Services Director/Board Clerk

**WATERMASTER CONSULTANTS PRESENT**

Scott Slater  
Brad Herrema  
Mark Wildermuth  
Andy Malone

Brownstein Hyatt Farber Schreck, LLP  
Brownstein Hyatt Farber Schreck, LLP  
Wildermuth Environmental, Inc.  
Wildermuth Environmental, Inc.

**OTHERS PRESENT**

Bob Feenstra  
Todd Corbin  
Jeff Pierson  
Scott Burton  
Ron Craig  
Pete Hall  
Eunice Ulloa  
John Bosler  
Curtis Paxton  
Ben Lewis  
Raul Garibay  
Dave Crosley  
Teri Layton  
David De Jesus  
Rick Hansen  
Craig Miller  
Chris Berch  
Art Kidman  
Manny Martinez  
Katie Gienger

Agricultural Pool – Dairy  
Jurupa Community Services District  
Agricultural Pool – Crops  
City of Ontario  
City of Chino Hills  
State of California – CIM  
Chino Basin Water Conservation District  
Cucamonga Valley Water District  
Chino Basin Desalter Authority  
Golden State Water Company  
City of Pomona  
City of Chino  
San Antonio Water Company  
Three Valleys Municipal Water District  
Three Valleys Municipal Water District  
Western Municipal Water District  
Inland Empire Utilities Agency  
Kidman Law, LLP  
Monte Vista Water District  
City of Ontario

**CALL TO ORDER**

Acting Chair Kuhn called the Watermaster Board meeting to order at 11:00 a.m.

**PLEDGE OF ALLEGIANCE**

**PUBLIC COMMENTS**

None

**AGENDA - ADDITIONS/REORDER**

None

**I. CONSENT CALENDAR**

**Note: All matters listed under the Consent Calendar are considered to be routine and non-controversial and will be acted upon by one motion in the form listed below. There will be no separate discussion on these items prior to voting unless any members, staff, or the public requests specific items be discussed and/or removed from the Consent Calendar for separate action.**

**A. MINUTES**

1. Approve Minutes of the Watermaster Board Meeting held September 22, 2016

**B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of August 2016
2. Watermaster VISA Check Detail for the month of August 2016
3. Combining Schedule for the Period July 1, 2016 through August 31, 2016
4. Treasurer's Report of Financial Affairs for the Period August 1, 2016 through August 31, 2016
5. Budget vs. Actual Report for the Period July 1, 2016 through August 31, 2016

**A. EXHIBIT "G" PHYSICAL SOLUTION TRANSFER RATE SUBSTITUTION**

Approve the proposed Fiscal Year 2016-17 substitute Physical Solution Transfer rate, and approve Watermaster legal counsel's filing of motion for Court approval of the same.

(0:00:46)

*Motion by Mr. Tom Thomas, seconded by Mr. Jim Bowman, and by majority vote*

***Moved to approve Consent Calendar as presented***

(0:00:53) Mr. Catlin abstained as it relates to Consent Calendar Item I.A., the minutes from September 22, 2016.

**II. BUSINESS ITEMS**

**A. 2015 GROUND-LEVEL MONITORING COMMITTEE ANNUAL REPORT**

Adopt the 2015 Annual Report of the Ground-Level Monitoring Committee, along with filing a copy with the Court.

(0:01:11) Mr. Kavounas gave a report.

(0:03:26)

*Motion by Mr. Tom Thomas, seconded by Mr. Jim Bowman, and carried unanimously*

***Moved to approve Business Item II.A, adoption of the 2015 Ground-Level Monitoring Committee Annual Report as presented.***

**III. REPORTS/UPDATES**

**A. LEGAL COUNSEL REPORT**

- 1. September 23, 2016 Hearing and Subsequent Ruling

(0:03:55) Mr. Slater gave a report. A discussion ensued.

**B. ENGINEER REPORT**

- 1. RMPU Projects Support
- 2. Recomputation of Ambient Water Quality
- 3. Water Rights Compliance
- 4. Model Update and Required Demonstrations
- 5. 2016-17 Meeting/Reporting Schedules for Prado Basin Habitat Sustainability Program and Ground-Level Monitoring Committees

(0:13:40) Mr. Malone gave a report. A discussion ensued.

**C. CFO REPORT**

- 1. Use of SB 222 Fund

(0:30:21) Mr. Joswiak gave a report. A discussion ensued.

**D. GM REPORT**

- 1. FY 2016/17 Assessment Package
- 2. Storage Management
- 3. FY 2015/16 Replenishment Water Order
- 4. FY 2016/17 First Interim Organization Performance Report
- 5. SGMA Update
- 6. Holiday Meeting Schedule
- 7. Other

(0:37:25) Mr. Kavounas gave a report and added an item regarding the IEUA Santa Ana River Conservation and Conjunctive Use Program (SARCCUP) presentation. A discussion ensued.

**IV. INFORMATION**

- 1. Cash Disbursements for September 2016
- 2. RMPU Status Report
- 3. Ground-Level Monitoring Status Report
- 4. South Archibald and Chino Airport Plumes Status Report

**V. BOARD MEMBER COMMENTS**

None

**VI. OTHER BUSINESS**

None

**VII. CONFIDENTIAL SESSION - POSSIBLE ACTION**

Chair Kuhn called for a confidential session at 11:50 a.m. to discuss the September 19, 2016 Tentative Rulings. The confidential session concluded at 12:15 p.m. with the no reportable action.

**ADJOURNMENT**

Chair Kuhn adjourned the Watermaster Board meeting at 12:15 p.m.

Secretary: \_\_\_\_\_

Approved: \_\_\_\_\_

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# **CHINO BASIN WATERMASTER**

## **I. CONSENT CALENDAR**

### **B. FINANCIAL REPORTS**

1. Cash Disbursements for the Month of September 2016
2. Watermaster VISA Check Detail for the Month of September 2016
3. Combining Schedule for the Period July 1, 2016 through September 30, 2016
4. Treasurer's Report of Financial Affairs for the Period September 1, 2016 through September 30, 2016
5. Budget vs. Actual Report for the Period July 1, 2016 through September 30, 2016



# CHINO BASIN WATERMASTER

9641 San Bernardino Road, Rancho Cucamonga, Ca 91730  
Tel: 909.484.3888 Fax: 909.484.3890 www.cbwm.org

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: November 17, 2016  
TO: Advisory Committee and Board Members  
SUBJECT: Cash Disbursement Report - Financial Report B1 (September 30, 2016)

### SUMMARY

Issue: Record of Cash Disbursements for the month of September 30, 2016.

Recommendation: Receive and file Cash Disbursements for September 30, 2016 as presented.

Financial Impact: Funds disbursed were included in the FY 2016/17 "Amended" Watermaster Budget.

### Future Consideration

Advisory Committee – November 17, 2016: Receive and File

Watermaster Board – November 17, 2016: Receive and File (Normal Course of Business)

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### ACTIONS:

November 10, 2016 – Appropriative Pool: Unanimously approved

November 10, 2016 – Non-Agricultural Pool: Moved unanimously to receive and file, without approval

November 10, 2016 – Agricultural Pool: Unanimously approved

November 17, 2016 – Advisory Committee:

November 17, 2016 – Watermaster Board:

## BACKGROUND

A monthly cash disbursement report is provided to keep all members apprised of Watermaster expenditures.

## DISCUSSION

Total cash disbursements during the month of September 2016 were \$941,316.48.

The most significant expenditures during the month were to Wildermuth Environmental, Inc. in the amounts of \$156,034.92 and \$296,895.25 (check number 19646 dated September 8, 2016 and check number 19711 dated September 27, 2016); and Inland Empire Utilities Agency in the amount of \$243,510.82 (check number 19694 dated September 27, 2016).

## ATTACHMENTS

1. Financial Report - B1

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**September 2016**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	09/02/2016	ACH 090216	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	08/27/2016	08/27/2016	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 08/14/16-08/27/16	2000 · Accounts Payable	6,086.69
TOTAL						<u>6,086.69</u>
Bill Pmt -Check	09/08/2016	19646	WILDERMUTH ENVIRONMENTAL INC		1012 · Bank of America Gen'l Ckg	
Bill	07/31/2016	2016250		2016250	6906.31 · OBMP-Pool, Adv. Board Mtgs	7,878.58
Bill	07/31/2016	2016251		2016251	6906.32 · OBMP-Other General Meetings	3,905.88
Bill	07/31/2016	2016252		2016252	6910.11 · WEI Support-Grant Funding-RMPU	2,980.00
Bill	07/31/2016	2016253		2016253	6906.71 · OBMP-Data Req.-CBWM Staff	1,266.50
				Contract Services	6906.71 · OBMP-Data Req.-CBWM Staff	10,360.00
Bill	07/31/2016	2016254		2016254	6906.71 · OBMP-Data Req.-CBWM Staff	21,911.24
Bill	07/31/2016	2016255		2016255	6906.72 · OBMP-Data Req.-Non CBWM Staff	1,934.50
Bill	07/31/2016	2016256		2016256	6906.22 · Water Rights Compliance Rprtng	6,035.75
Bill	07/31/2016	2016257		2016257	6906 · OBMP Engineering Services	1,848.50
Bill	07/31/2016	2016258		2016258	6906.1 · OBMP-Watermaster Model Update	2,359.00
Bill	07/31/2016	2016259		2016259	6906.24 · Compliance-SB88 and SWRCB	15,334.75
Bill	07/31/2016	2016260		2016260	6906.81 · Prepare 38th/39th Annual Rpts	5,656.72
Bill	07/31/2016	2016261		2016261	7103.3 · Grdwtr Qual-Engineering	16,737.50
Bill	07/31/2016	2016262		2016262	7104.3 · Grdwtr Level-Engineering	8,788.37
Bill	07/31/2016	2016263		2016263	7107.2 · Grd Level-Engineering	4,590.54
Bill	07/31/2016	2016264		2016264	7108.3 · Hydraulic Control-Engineering	819.70
Bill	07/31/2016	2016265		2016265	7108.3 · Hydraulic Control-Engineering	1,232.07
Bill	07/31/2016	2016266		2016266	7202.2 · Engineering Svc	17,888.99
Bill	07/31/2016	2016267		2016267	7402 · PE4-Engineering	10,404.50
				Michael C. Carpenter	7402 · PE4-Engineering	500.00
Bill	07/31/2016	2016268		2016268	7402.10 · PE4 - Northwest MZ1 Area Proj.	7,888.48
				Parsons Brinckerhoff	7402.10 · PE4 - Northwest MZ1 Area Proj.	3,664.65
Bill	07/31/2016	2016269		2016269	7502 · PE6&7-Engineering	1,405.20
Bill	07/31/2016	2016270		2016270	6910.13 · IEUA-San Sevaine Imp. Proj.	643.50
TOTAL						<u>156,034.92</u>
Bill Pmt -Check	09/08/2016	19647	APPLIED COMPUTER TECHNOLOGIES	2693	1012 · Bank of America Gen'l Ckg	
Bill	08/31/2016	2693		Database Consulting Services - August 2016	6052.2 · Applied Computer Technol	4,064.80
TOTAL						<u>4,064.80</u>
Bill Pmt -Check	09/08/2016	19648	BOWMAN, JIM	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	08/25/2016	8/25 Board Mtg		8/25/16 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						<u>125.00</u>

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**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**September 2016**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	09/08/2016	19649	CORELOGIC INFORMATION SOLUTIONS	81722216	1012 - Bank of America Gen'l Ckg	
Bill	08/31/2016	81722216		81722216	7103.7 - Grdwtr Qual-Computer Svc	62.50
				81722216	7101.4 - Prod Monitor-Computer	62.50
TOTAL						125.00
Bill Pmt -Check	09/08/2016	19650	CURATALO, JAMES	Board Member Compensation	1012 - Bank of America Gen'l Ckg	
Bill	08/11/2016	8/11 Appro Pool Mtg		8/11/16 Appropriative Pool Meeting	6311 - Board Member Compensation	125.00
Bill	08/18/2016	8/18 CBWM Discussion		8/18/16 CBWM Discussion meeting	6311 - Board Member Compensation	125.00
Bill	08/23/2016	8/23 Board Agenda		8/23/16 Board Agenda Preview meeting	6311 - Board Member Compensation	125.00
Bill	08/25/2016	8/25 Board Mtg		8/25/16 Board Meeting	6311 - Board Member Compensation	125.00
TOTAL						500.00
Bill Pmt -Check	09/08/2016	19651	DELUXE BUSINESS FORMS & SUPPLIES	2037698011	1012 - Bank of America Gen'l Ckg	
Bill	08/30/2016	2037698011		Check reorder	6031.7 - Other Office Supplies	603.31
TOTAL						603.31
Bill Pmt -Check	09/08/2016	19652	EUROFINS EATON ANALYTICAL		1012 - Bank of America Gen'l Ckg	
Bill	08/31/2016	L0278877		L0278877	7103.5 - Grdwtr Qual-Lab Svcs	848.00
Bill	08/31/2016	L0278709		L0278709	7103.5 - Grdwtr Qual-Lab Svcs	1,476.00
Bill	08/31/2016	L0278512		L0278512	7103.5 - Grdwtr Qual-Lab Svcs	573.00
Bill	08/31/2016	L0279655		L0279655	7103.5 - Grdwtr Qual-Lab Svcs	573.00
TOTAL						3,470.00
Bill Pmt -Check	09/08/2016	19653	FEDAK & BROWN LLP		1012 - Bank of America Gen'l Ckg	
Bill	08/31/2016			Progress Billing - August 2016	6062 - Audit Services	3,120.00
TOTAL						3,120.00
Bill Pmt -Check	09/08/2016	19654	JESKE, KEN'	Board Member Compensation	1012 - Bank of America Gen'l Ckg	
Bill	08/25/2016	8/25 Board Mtg		8/25/16 Board Meeting	6311 - Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	09/08/2016	19655	JOHN J. SCHATZ		1012 - Bank of America Gen'l Ckg	
Bill	08/31/2016			Appropriative Pool Legal Services - July 2016	8367 - Legal Service	2,890.00
TOTAL						2,890.00
Bill Pmt -Check	09/08/2016	19656	MINDSHIFT	0226511	1012 - Bank of America Gen'l Ckg	
Bill	08/31/2016	0226511		Professional Services	6052.4 - mindSHIFT Technologies, Inc.	960.00
TOTAL						960.00
Bill Pmt -Check	09/08/2016	19657	PETTY CASH	2593-2606	1012 - Bank of America Gen'l Ckg	

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**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**September 2016**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	09/06/2016	2592-2606		Purchase miscellaneous office supplies	6031.7 · Other Office Supplies	27.52
				Purchase supplies for staff / admin meetings	6141.3 · Admin Meetings	71.68
				Mileage reimbursement	6173 · Airfare/Mileage	18.52
				Purchase water quality supplies	7103.6 · Grdwtr Qual-Supplies	48.00
				Supplies for 7/21/16 ASR Project meeting	7107.9 · Grd Level-Other	53.96
				Mileage reimbursement-recharge mtg. attendance	7204 · Comp Recharge-Supplies	41.47
<b>TOTAL</b>						<b>261.15</b>
Bill Pmt -Check	09/08/2016	19658	PREMIERE GLOBAL SERVICES	21877045	1012 · Bank of America Gen'l Ckg	
Bill	08/31/2016	21877045		Ag well data call on 7/27	6909.1 · OBMP Meetings	6.13
				WM coordination call on 8/01	6909.1 · OBMP Meetings	7.61
				SGMA Boundary Modification call on 8/01	6909.1 · OBMP Meetings	10.88
				Pool agenda prep call on 8/02	8312 · Meeting Expenses	4.18
				Pool agenda prep call on 8/02	8412 · Meeting Expenses	4.18
				Pool agenda prep call on 8/02	8512 · Meeting Expense	4.18
				Appropriative Pool agenda call on 8/03	8312 · Meeting Expenses	6.12
				Appropriative Pool agenda call on 8/03	8312 · Meeting Expenses	6.13
				Appropriative Pool agenda call on 8/04	8312 · Meeting Expenses	6.12
				Pool meetings check call on 8/10	8312 · Meeting Expenses	4.46
				Pool meetings check call on 8/10	8412 · Meeting Expenses	4.46
				Pool meetings check call on 8/10	8512 · Meeting Expense	4.46
				Non Ag Pool meeting call on 8/11	8512 · Meeting Expense	11.86
				Non Ag Pool meetings call on 8/11	8512 · Meeting Expense	6.12
				SB 88 Compliance call on 8/15	6909.1 · OBMP Meetings	23.05
				Approp. Pool Strategic Planning Confidential Sessic	8312 · Meeting Expenses	7.40
				Fee - General	6022 · Telephone	49.00
				Fee - Confidential	6022 · Telephone	49.00
				Fee - Service	6022 · Telephone	4.12
<b>TOTAL</b>						<b>219.46</b>
Bill Pmt -Check	09/08/2016	19659	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
Bill	09/01/2016	1394905143		Unfunded Accrued Liability "Classic"	60180 · Employers PERS Expense	3,590.95
Bill	09/01/2016	1394905143		Unfunded Accrued Liability "New"	60180 · Employers PERS Expense	2.97
<b>TOTAL</b>						<b>3,593.92</b>
Bill Pmt -Check	09/08/2016	19660	RAUCH COMMUNICATION CONSULTANTS, LLC Aug-1603		1012 · Bank of America Gen'l Ckg	
Bill	08/31/2016	Aug-1603		Work thru July 31, 2016	6061.3 · Rauch	408.75
<b>TOTAL</b>						<b>408.75</b>
Bill Pmt -Check	09/08/2016	19661	READY REFRESH BY NESTLE	0023230253	1012 · Bank of America Gen'l Ckg	

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**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**September 2016**

Financial Report - B1

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	08/30/2016	0023230253		Office Water Bottle - August 2016	6031.7 · Other Office Supplies	102.43
TOTAL						102.43
Bill Pmt -Check	09/08/2016	19662	RR FRANCHISING, INC.	27292	1012 · Bank of America Gen'l Ckg	
Bill	09/06/2016	27292		Monthly service charge 9/01/16-9/30/16	6024 · Building Repair & Maintenance	740.00
TOTAL						740.00
Bill Pmt -Check	09/08/2016	19663	THOMAS, THOMAS R.	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	08/08/2016	8/08 Admin Mtg		8/08/16 Administrative Meeting w/PK	6311 · Board Member Compensation	125.00
Bill	08/25/2016	8/25 Board Mtg		8/25/16 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						250.00
Bill Pmt -Check	09/08/2016	19664	UNION 76	7076-2245-3035-5049	1012 · Bank of America Gen'l Ckg	
Bill	08/31/2016	7076224530355049		August 2016	6175 · Vehicle Fuel	174.45
TOTAL						174.45
Bill Pmt -Check	09/08/2016	19665	UNITED HEALTHCARE	0041395172	1012 · Bank of America Gen'l Ckg	
Bill	08/30/2016	0041395172		Dental Insurance - September 2016	60182.2 · Dental & Vision Ins	755.42
TOTAL						755.42
Bill Pmt -Check	09/08/2016	19666	VANDEN HEUVEL, GEOFFREY	6311	1012 · Bank of America Gen'l Ckg	
Bill	06/30/2016	1/14 Ag Pool Mtg		1/14/16 Ag Pool Mtg-replace #19257, lost in mail	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	09/08/2016	19667	VISTAGE WORLDWIDE, INC.	SOPINV00000457847	1012 · Bank of America Gen'l Ckg	
Bill	08/30/2016	SOPINV00000457847		PK Membership dues for Oct. 2016 - Sep. 2017	1433 · Prepaid Membership Dues	16,065.00
TOTAL						16,065.00
Bill Pmt -Check	09/08/2016	19668	WESTERN MUNICIPAL WATER DISTRICT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	08/25/2016	8/25 Board Mtg		8/25/16 Board Meeting - Don Galleano attendance	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	09/08/2016	19669	YUKON DISPOSAL SERVICE	08-K2 213849	1012 · Bank of America Gen'l Ckg	
Bill	09/01/2016	08-k2 213849		September 2016	6024 · Building Repair & Maintenance	111.57
TOTAL						111.57
Bill Pmt -Check	09/08/2016	19670	ZAPIEN, ENRIQUE	Mileage Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	08/30/2016			Mileage reimbursemnt-water quality samples to lab	7103.5 · Grdwtr Qual-Lab Svcs	69.66
TOTAL						69.66

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**September 2016**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	09/08/2016	19671	EGOSCUE LAW GROUP	11416	1012 · Bank of America Gen'l Ckg	
Bill	08/31/2016	11416		Ag Pool Legal Services - August 2016	8467 · Ag Legal & Technical Services	14,247.50
TOTAL						14,247.50
Bill Pmt -Check	09/08/2016	19672	KUHN, BOB	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	08/11/2016	8/11 Appro Pool Mtg		8/11/16 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00
Bill	08/25/2016	8/25 Board Mtg		8/25/16 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						250.00
General Journal	09/10/2016	09/10/2016	Payroll and Taxes for 08/28/16-09/10/16	Payroll and Taxes for 08/28/16-09/10/16	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 08/28/16-09/10/16	1012 · Bank of America Gen'l Ckg	22,213.92
				Payroll Taxes for 08/28/16-09/10/16	1012 · Bank of America Gen'l Ckg	9,642.04
				Payroll Checks for 08/28/16-09/10/16	1014 · Bank of America P/R Ckg	4,496.93
			ICMA-RC	457(b) Employee Deductions for 08/28/16-09/10/16	1012 · Bank of America Gen'l Ckg	3,639.27
			ICMA-RC	401(a) Employee Deductions for 08/28/16-09/10/16	1012 · Bank of America Gen'l Ckg	1,059.87
TOTAL						41,052.03
Bill Pmt -Check	09/14/2016	19673	BUREAU OF RECLAMATION	90475330	1012 · Bank of America Gen'l Ckg	
Bill	09/13/2016	90475330		Vegetation monitoring of Prado Basin	7108.31 · Hydraulic Control - PBHSP	40,000.00
TOTAL						40,000.00
Bill Pmt -Check	09/15/2016	ACH 091516	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	09/10/2016	09/10/2016	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 08/28/16-09/10/16	2000 · Accounts Payable	5,924.14
TOTAL						5,924.14
Check	09/15/2016	09/15/2016	Service Charge	Service Charge	1012 · Bank of America Gen'l Ckg	
				Service Charge	6039.1 · Banking Service Charges	588.04
TOTAL						588.04
Bill Pmt -Check	09/19/2016	19674	ACWA JOINT POWERS INSURANCE AUTHORITY	0433230	1012 · Bank of America Gen'l Ckg	
Bill	09/08/2016	0433230		Prepayment - October 2016	1409 · Prepaid Life, BAD&D & LTD	160.99
				September 2016	60191 · Life & Disab.Ins Benefits	141.32
TOTAL						302.31
Bill Pmt -Check	09/19/2016	19675	AUTOMOBILE CLUB OF SOUTHERN CALIFORNIA	Membership# 98966125	1012 · Bank of America Gen'l Ckg	
Bill	09/07/2016	98966125		Yearly membership	6177 · Vehicle Repairs & Maintenance	79.00
TOTAL						79.00
Bill Pmt -Check	09/19/2016	19676	DE BOOM, NATHAN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	08/11/2016	8/11 Ag Pool Mtg		Ag Pool Member Compensation	8411 · Compensation	25.00

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**September 2016**

Type	Date	Num	Name	Memo	Account	Paid Amount
				8/11/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	08/31/2016	8/31 Ag Pool Conf		Ag Pool Member Compensation	8411 · Compensation	25.00
				8/31/16 Ag Pool Confidential Session	8470 · Ag Meeting Attend -Special	100.00
TOTAL						250.00
<b>Bill Pmt -Check</b>	<b>09/19/2016</b>	<b>19677</b>	<b>DE HAAN, HENRY</b>	<b>Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	08/11/2016	8/11 Ag Pool Mtg		Ag Pool Member Compensation	8411 · Compensation	25.00
				8/11/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	08/31/2016	8/31 Ag Pool Conf		Ag Pool Member Compensation	8411 · Compensation	25.00
				8/31/16 Ag Pool Confidential Session	8470 · Ag Meeting Attend -Special	100.00
TOTAL						250.00
<b>Bill Pmt -Check</b>	<b>09/19/2016</b>	<b>19678</b>	<b>ELIE, STEVEN</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	08/04/2016	8/04 Admin Mtgs		8/04/16 Administrative and AMP meetings	6311 · Board Member Compensation	125.00
Bill	08/23/2016	8/23 Board Agenda		8/23/16 Board Agenda Prep meeting	6311 · Board Member Compensation	125.00
Bill	08/25/2016	8/25 Board Mtg		8/25/16 Board Meeeting	6311 · Board Member Compensation	125.00
TOTAL						375.00
<b>P16</b>	<b>Bill Pmt -Check</b>	<b>09/19/2016</b>	<b>19679</b>	<b>FEENSTRA, BOB</b>	<b>Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>
	Bill	08/11/2016	8/11 Ag Pool Mtg		8/11/16 Ag Pool Meeting	125.00
	Bill	08/11/2016	8/11 Advisory Comm		8/11/16 Advisory Committee Meeting	125.00
	Bill	08/25/2016	8/25 Board Mtg		8/25/16 Board Meeting	125.00
	Bill	08/26/2016	8/26 Well Data Mtg		8/26/16 Private Well Data Meeting	125.00
	Bill	08/31/2016	8/31 Ag Pool Conf		8/31/16 Ag Pool Confidential Session	125.00
TOTAL						625.00
	<b>Bill Pmt -Check</b>	<b>09/19/2016</b>	<b>19680</b>	<b>HUITSING, JOHN</b>	<b>Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>
	Bill	08/11/2016	8/11 Ag Pool Mtg		Ag Pool Member Compensation	25.00
					8/11/16 Ag Pool Meeting	100.00
TOTAL						125.00
	<b>Bill Pmt -Check</b>	<b>09/19/2016</b>	<b>19681</b>	<b>IAAP</b>	<b>93942242</b>	<b>1012 · Bank of America Gen'l Ckg</b>
	Bill	09/09/2016	93942242		Annual dues for A. Truong IAAP membership	141.00
TOTAL						141.00
	<b>Bill Pmt -Check</b>	<b>09/19/2016</b>	<b>19682</b>	<b>KUHN, BOB</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>
	Bill	08/08/2016	8/08 Admin Mtg		8/08/16 Administrative Meeting	125.00
TOTAL						125.00
	<b>Bill Pmt -Check</b>	<b>09/19/2016</b>	<b>19683</b>	<b>PIERSON, JEFFREY</b>	<b>Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**September 2016**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	08/11/2016	8/11 Ag Pool Mtg		8/11/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	08/18/2016	8/18 Advisory Comm		8/11/16 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	08/18/2016	8/18 RIPCom Mtg		8/11/16 RIPCom Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	08/25/2016	8/25 Board Mtg		8/25/16 Board Meeting	6311 · Board Member Compensation	125.00
Bill	08/31/2016	8/31 Ag Pool Conf		8/31/16 Ag Pool Confidential Meeting	8470 · Ag Meeting Attend -Special	125.00
TOTAL						625.00
<b>Bill Pmt -Check</b>	<b>09/19/2016</b>	<b>19684</b>	<b>VANDEN HEUVEL, GEOFFREY</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	08/11/2016	8/11 Ag Pool Mtg		8/11/16 Ag Pool Meeting	6311 · Board Member Compensation	125.00
Bill	08/25/2016	8/25 Board Mtg		8/25/16 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						250.00
<b>Bill Pmt -Check</b>	<b>09/19/2016</b>	<b>19685</b>	<b>VANDEN HEUVEL, ROB</b>	<b>Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	08/11/2016	8/11 Ag Pool Mtg		8/11/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	08/18/2016	8/18 Advisory Comm		8/18/16 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	08/31/2016	8/31 Ag Pool Conf		8/31/16 Ag Pool Confidential Session	8470 · Ag Meeting Attend -Special	125.00
TOTAL						375.00
<b>P17</b>	<b>Bill Pmt -Check</b>	<b>09/19/2016</b>	<b>19686</b>	<b>MINDSHIFT</b>	<b>0227285</b>	<b>1012 · Bank of America Gen'l Ckg</b>
	Bill	09/08/2016	0227285	Professional Services	6052.4 · mindSHIFT Technologies, Inc.	3,623.75
TOTAL						3,623.75
<b>General Journal</b>	<b>09/24/2016</b>	<b>09/24/2016</b>	<b>Payroll and Taxes for 09/11/16-09/24/16</b>	<b>Payroll and Taxes for 09/11/16-09/24/16</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
				Direct Deposits for 09/11/16-09/24/16	1012 · Bank of America Gen'l Ckg	21,259.58
				Payroll Taxes for 09/11/16-09/24/16	1012 · Bank of America Gen'l Ckg	8,619.37
				Payroll Checks for 09/11/16-09/24/16	1014 · Bank of America P/R Ckg	4,496.93
			ICMA-RC	457(b) Employee Deductions for 09/11/16-09/24/16	1012 · Bank of America Gen'l Ckg	3,639.27
			ICMA-RC	401(a) Employee Deductions for 09/11/16-09/24/16	1012 · Bank of America Gen'l Ckg	1,059.87
TOTAL						39,075.02
<b>Bill Pmt -Check</b>	<b>09/27/2016</b>	<b>19687</b>	<b>BANK OF AMERICA</b>	<b>XXXX-XXXX-XXXX-9341</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	08/31/2016	XXXX-XXXX-XXXX-9341		Send check via federal express	6042 · Postage - General	26.64
				Send check to BHFS	6042 · Postage - General	33.28
				Reg.-Joswiak-CalPERS Educational Forum 2016	6193.2 · Conference - Registration Fee	338.32
				Miscellaneous office supplies	6031.7 · Other Office Supplies	187.55
				Send check via federal express	6042 · Postage - General	26.64
				Send information to BofA card services	6042 · Postage - General	70.47
				Send get well flowers	6147 · Other Admin Expenses	70.96
				Certification fee-Truong-Technology Specialty	6193 · Employee Training	72.50
				Reg.-Kavounas-Annual San Bernardino County	6193.2 · Conference - Registration Fee	120.83

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**September 2016**

Type	Date	Num	Name	Memo	Account	Paid Amount
				PK meeting w/Tom Thomas	6312 · Meeting Expenses	43.03
				Lunch for 8/11/16 Ag Pool meeting prep	8412 · Meeting Expenses	22.56
				Lunch for 8/11/16 Ag Pool meeting prep	8412 · Meeting Expenses	95.40
				Purchase ink cartridges for office	6031.7 · Other Office Supplies	118.38
				Purchase green tea for Board meetings	6031.7 · Other Office Supplies	13.52
				Purchase ink cartridges for office	6031.7 · Other Office Supplies	69.56
				Purchase ink cartridges and printhead for office	6031.7 · Other Office Supplies	130.51
				Purchase ink cartridge for office	6031.7 · Other Office Supplies	61.37
				Replenishment of Fastrack account	6174 · Public Transportation	29.00
				Lunch-8/31/16 Special Ag Pool Confidential Mtg.	8412 · Meeting Expenses	85.06
				Staff team building and development	6193 · Employee Training	224.26
TOTAL						1,839.84
Bill Pmt -Check	09/27/2016	19688	CALPERS	1394905143	1012 · Bank of America Gen'l Ckg	
Bill	09/14/2016	1394905143		1394905143	60182.1 · Medical Insurance	6,879.75
TOTAL						6,879.75
Bill Pmt -Check	09/27/2016	19689	CHEF DAVE'S CAFE & CATERING	Board Meeting Lunch	1012 · Bank of America Gen'l Ckg	
Bill	08/25/2016	6294		Lunch for 8/25/16 Watermaster Board meeting	6312 · Meeting Expenses	488.60
Bill	09/23/2016	6357		Lunch for 9/23/16 Watermaster Board meeting	6312 · Meeting Expenses	421.10
TOTAL						909.70
Bill Pmt -Check	09/27/2016	19690	CUCAMONGA VALLEY WATER DISTRICT	Lease due October 1, 2016	1012 · Bank of America Gen'l Ckg	
Bill	09/19/2016			Lease due October 1, 2016	1422 · Prepaid Rent	6,371.16
TOTAL						6,371.16
Bill Pmt -Check	09/27/2016	19691	EUROFINS EATON ANALYTICAL		1012 · Bank of America Gen'l Ckg	
Bill	08/18/2016	L0279837		L0279837	7103.5 · Grdwtr Qual-Lab Svcs	1,256.00
Bill	08/19/2016	L0280542		L0280542	7103.5 · Grdwtr Qual-Lab Svcs	3,988.00
Bill	08/22/2016	L0281744		L0281744	7103.5 · Grdwtr Qual-Lab Svcs	1,056.00
Bill	08/22/2016	L0280543		L0280543	7103.5 · Grdwtr Qual-Lab Svcs	2,512.00
Bill	08/23/2016	L0281118		L0281118	7103.5 · Grdwtr Qual-Lab Svcs	1,539.00
Bill	08/23/2016	L0281119		L0281119	7103.5 · Grdwtr Qual-Lab Svcs	3,140.00
Bill	08/24/2016	L0281527		L0281527	7103.5 · Grdwtr Qual-Lab Svcs	848.00
Bill	08/24/2016	L0281526		L0281526	7103.5 · Grdwtr Qual-Lab Svcs	2,512.00
Bill	09/01/2016	L0282011		L0282011	7103.5 · Grdwtr Qual-Lab Svcs	1,056.00
Bill	09/02/2016	L0282015		L0282015	7103.5 · Grdwtr Qual-Lab Svcs	573.00
TOTAL						18,480.00
Bill Pmt -Check	09/27/2016	19692	FRONTIER COMMUNICATIONS	909-484-3890-050914-5	1012 · Bank of America Gen'l Ckg	

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**September 2016**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	09/10/2016	90948438900509145		Office fax and phone lines	6022 · Telephone	139.42
TOTAL						139.42
Bill Pmt -Check	09/27/2016	19693	GREAT AMERICA LEASING CORP.	19386824	1012 · Bank of America Gen'l Ckg	
Bill	09/21/2016	19386824		Invoice	6043.1 · Ricoh Lease Fee	3,285.30
				2016 San Bernardino County property tax	6043.3 · Ricoh Property Tax Fees	346.07
TOTAL						3,631.37
Bill Pmt -Check	09/27/2016	19694	INLAND EMPIRE UTILITIES AGENCY	90018787	1012 · Bank of America Gen'l Ckg	
Bill	09/19/2016	90018787		GW Recharge O&M Cost reimbursement-2nd Qtr.	7206 · Comp Recharge-O&M	243,510.82
TOTAL						243,510.82
Bill Pmt -Check	09/27/2016	19695	LEGAL SHIELD	0111802	1012 · Bank of America Gen'l Ckg	
Bill	09/21/2016	0111802		Employee deductions - September 2016	60194 · Other Employee Insurance	79.70
TOTAL						79.70
Bill Pmt -Check	09/27/2016	19696	LEVEL 3 COMMUNICATIONS	46866348	1012 · Bank of America Gen'l Ckg	
Bill	09/26/2016	46866348		09/17/16-10/16/16	6053 · Internet Expense	1,050.37
TOTAL						1,050.37
Bill Pmt -Check	09/27/2016	19697	McMASTER-CARR SUPPLY CO	78523913	1012 · Bank of America Gen'l Ckg	
Bill	09/08/2016	78523913		GW quality supplies	7103.6 · Grdwtr Qual-Supplies	31.09
TOTAL						31.09
Bill Pmt -Check	09/27/2016	19698	OFFICE DEPOT		1012 · Bank of America Gen'l Ckg	
Bill	09/16/2016	862583821001		Toner cartridges	6031.7 · Other Office Supplies	369.44
Bill	09/21/2016	862583821002		Toner cartridge	6031.7 · Other Office Supplies	74.38
TOTAL						443.82
Bill Pmt -Check	09/27/2016	19699	PAYCHEX	2016090100	1012 · Bank of America Gen'l Ckg	
Bill	08/31/2016	2016090100		August 2016	6012 · Payroll Services	437.47
TOTAL						437.47
Bill Pmt -Check	09/27/2016	19700	PUMP MAN	213094	1012 · Bank of America Gen'l Ckg	
Bill	09/13/2016	213094		213094	7103.6 · Grdwtr Qual-Supplies	853.00
TOTAL						853.00
Bill Pmt -Check	09/27/2016	19701	R&D PEST SERVICES	0206135	1012 · Bank of America Gen'l Ckg	
Bill	09/26/2016	0206135		Pest control-ants, spiders, and cockroachs	6024 · Building Repair & Maintenance	100.00
TOTAL						100.00

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
September 2016

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	09/27/2016	19702	READY REFRESH BY NESTLE	0023230253	1012 · Bank of America Gen'l Ckg	
Bill	09/26/2016	0023230253		Office Water Bottle - September 2016	6031.7 · Other Office Supplies	53.93
TOTAL						53.93
Bill Pmt -Check	09/27/2016	19703	RON SHELLEY'S AUTOMOTIVE	8958	1012 · Bank of America Gen'l Ckg	
Bill	09/16/2016	8958		F-150 maintenance	6177 · Vehicle Repairs & Maintenance	277.39
TOTAL						277.39
Bill Pmt -Check	09/27/2016	19704	STANDARD INSURANCE CO.	Policy # 00-649299-0009	1012 · Bank of America Gen'l Ckg	
Bill	09/21/2016	006492990009		Policy # 00-649299-0009	60191 · Life & Disab.Ins Benefits	651.68
TOTAL						651.68
Bill Pmt -Check	09/27/2016	19705	STAPLES BUSINESS ADVANTAGE	8041038605	1012 · Bank of America Gen'l Ckg	
Bill	09/17/2016	8041038605		Lamination of documentscfor 9/13/16 workshop	6031.7 · Other Office Supplies	79.91
TOTAL						79.91
Bill Pmt -Check	09/27/2016	19706	STATE COMPENSATION INSURANCE FUND	1970970-16	1012 · Bank of America Gen'l Ckg	
Bill	10/01/2016	1970970-16		Premium for 9/26/16-10/26/16	60183 · Worker's Comp Insurance	910.00
TOTAL						910.00
Bill Pmt -Check	09/27/2016	19707	STAULA, MARY L	Retiree Medical	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2016				60182.4 · Retiree Medical	23.62
TOTAL						23.62
Bill Pmt -Check	09/27/2016	19708	UNITED HEALTHCARE	C0041569949	1012 · Bank of America Gen'l Ckg	
Bill	09/21/2016	C0041563343		Dental Insurance Premium - October 2016	60182.2 · Dental & Vision Ins	555.38
TOTAL						555.38
Bill Pmt -Check	09/27/2016	19709	VERIZON WIRELESS	9771929641	1012 · Bank of America Gen'l Ckg	
Bill	09/21/2016	9771929641		Acct #642073270-00001	7103.7 · Grdwtr Qual-Computer Svc	100.04
TOTAL						100.04
Bill Pmt -Check	09/27/2016	19710	VISION SERVICE PLAN	00-101789-0001	1012 · Bank of America Gen'l Ckg	
Bill	09/26/2016	001017890001		Vision Insurance Premium - October 2016	60182.2 · Dental & Vision Ins	85.60
TOTAL						85.60
Bill Pmt -Check	09/27/2016	19711	WILDERMUTH ENVIRONMENTAL INC		1012 · Bank of America Gen'l Ckg	
Bill	08/31/2016	2016276		2016276	6906.31 · OBMP-Pool, Adv. Board Mtgs	21,673.92
Bill	08/31/2016	2016277		2016277	6906.32 · OBMP-Other General Meetings	3,228.60
Bill	08/31/2016	2016278		2016278	6910.20 · RMPU - MPI Analysis	2,192.10

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**September 2016**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	08/31/2016	2016279		2016279	6910.11 · WEI Support-Grant Funding-RMPU	2,022.23
Bill	08/31/2016	2016280		2016280	6906.71 · OBMP-Data Req.-CBWM Staff	2,884.35
				Contract Services	6906.71 · OBMP-Data Req.-CBWM Staff	8,160.00
Bill	08/31/2016	2016281		2016281	6906.71 · OBMP-Data Req.-CBWM Staff	12,941.27
Bill	08/31/2016	2016282		2016282	6906.72 · OBMP-Data Req.-Non CBWM Staff	1,251.40
Bill	08/31/2016	2016283		2016283	6906.22 · Water Rights Compliance Rprting	3,465.10
Bill	08/31/2016	2016284		2016284	6906 · OBMP Engineering Services	1,221.40
Bill	08/31/2016	2016285		2016285	6906.1 · OBMP-Watermaster Model Update	23,757.25
Bill	08/31/2016	2016286		2016286	6906.24 · Compliance-SB88 and SWRCB	14,859.51
Bill	08/31/2016	2016287		2016287	6906.81 · Prepare 38th/39th Annual Rpts	11,126.25
Bill	08/31/2016	2016288		2016288	7103.3 · Grdwtr Qual-Engineering	14,493.40
Bill	08/31/2016	2016289		2016289	7104.3 · Grdwtr Level-Engineering	25,211.59
Bill	08/31/2016	2016290		2016290	7107.2 · Grd Level-Engineering	438.50
Bill	08/31/2016	201691		2016291	7107.2 · Grd Level-Engineering	2,441.05
Bill	08/31/2016	2016292		2016292	7108.3 · Hydraulic Control-Engineering	747.50
Bill	08/31/2016	2016293		2016293	7108.3 · Hydraulic Control-Engineering	7,248.94
Bill	08/31/2016	2016294		2016294	7108.31 · Hydraulic Control - PBHSP	37,194.02
Bill	08/31/2016	2016295		2016295	7109.3 · Recharge & Well - Engineering	2,171.10
Bill	08/31/2016	2016296		2016296	7202.2 · Engineering Svc	7,198.56
Bill	08/31/2016	2016297		2016297	7402 · PE4-Engineering	14,025.80
Bill	08/31/2016	2016298		2016298	7402.10 · PE4 - Northwest MZ1 Area Proj.	27,004.64
Bill	08/31/2016	2016299		2016299	7602 · PE8&9-Engineering	1,579.22
Bill	08/31/2016	2016300		2016300	6910.14 · Truing-Up 2013 RMPU Estimates	48,209.05
Bill	08/31/2016	2016301		2016301	6910.13 · IEUA-San Sevaine Imp. Proj.	148.50
<b>TOTAL</b>						<b>296,895.25</b>
<b>Bill Pmt -Check</b>	<b>09/27/2016</b>	<b>19712</b>	<b>OFFICE DEPOT</b>	<b>862584175001</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	09/16/2016	862584175001		Miscellaneous office supplies	6031.7 · Other Office Supplies	7.87
<b>TOTAL</b>						<b>7.87</b>
<b>Bill Pmt -Check</b>	<b>09/27/2016</b>	<b>19713</b>	<b>VERIZON WIRELESS</b>	<b>9771449515</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	09/21/2016	9771449515		Acct #470810953-00001	6022 · Telephone	245.84
<b>TOTAL</b>						<b>245.84</b>
<b>Bill Pmt -Check</b>	<b>09/29/2016</b>	<b>09/29/2016</b>	<b>PUBLIC EMPLOYEES' RETIREMENT SYSTEM</b>	<b>Payor #3493</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
General Journal	09/24/2016	16/09/07	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 09/11/16-09/24/16	2000 · Accounts Payable	5,924.14
<b>TOTAL</b>						<b>5,924.14</b>
<b>General Journal</b>	<b>09/30/2016</b>	<b>09/30/2016</b>	<b>Wage Works FSA Direct Debits - September 2016</b>	<b>Wage Works FSA Direct Debits - September 2016</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
				Wage Works FSA Direct Debits - September 2016	1012 · Bank of America Gen'l Ckg	638.75

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**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**September 2016**

<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Paid Amount</u>
				Wage Works FSA Direct Debits - September 2016	1012 · Bank of America Gen'l Ckg	638.75
				Wage Works FSA Direct Debits - September 2016	1012 · Bank of America Gen'l Ckg	81.50
TOTAL						<u>1,359.00</u>
					<b>Total Disbursements:</b>	<u><u>941,316.48</u></u>

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# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: November 17, 2016  
TO: Advisory Committee and Board Members  
SUBJECT: VISA Check Detail Report - Financial Report B2 (September 30, 2016)

### SUMMARY

Issue: Record of VISA credit card payment disbursed for the month of September 30, 2016.

Recommendation: Receive and file VISA Check Detail Report for September 30, 2016 as presented.

Financial Impact: Funds disbursed were included in the FY 2016/17 "Amended" Watermaster Budget.

Advisory Committee – November 17, 2016: Receive and File  
Watermaster Board – November 17, 2016: Receive and File (Normal Course of Business)

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### ACTIONS:

November 10, 2016 – Appropriative Pool: Unanimously approved  
November 10, 2016 – Non-Agricultural Pool: Moved unanimously to receive and file, without approval  
November 10, 2016 – Agricultural Pool: Unanimously approved  
November 17, 2016 – Advisory Committee:  
November 17, 2016 – Watermaster Board:

## BACKGROUND

A monthly VISA Check Detail report is provided to keep all members apprised of Watermaster expenditures charged against the General Manager and Chief Financial Officer's Bank of America VISA card.

## DISCUSSION

The total cash disbursement during the month of September 2016 was \$1,839.84. The payment was processed by check number 19687 dated September 27, 2016. The monthly charges for September 2016 of \$1,839.84 were for routine and customary expenditures and properly documented with receipts.

## ATTACHMENTS

1. Financial Report - B2

CHINO BASIN WATERMASTER  
VISA Check Detail Report  
September 2016

Type	Num	Date	Name	Memo	Account	Paid Amount
Bill Pmt -Check	09/27/2016	19687	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	08/31/2016	XXXX-XXXX-XXXX-9341		Send check via federal express	6042 · Postage - General	26.64
				Send check to BHFS	6042 · Postage - General	33.28
				Reg.-Joswiak-CalPERS Educational Forum 2016	6193.2 · Conference - Registration Fee	338.32
				Miscellaneous office supplies	6031.7 · Other Office Supplies	187.55
				Send check via federal express	6042 · Postage - General	26.64
				Send information to BofA card services	6042 · Postage - General	70.47
				Send get well flowers	6147 · Other Admin Expenses	70.96
				Certification fee-Truong-Technology Specialty	6193 · Employee Training	72.50
				Reg.-Kavounas-Annual San Bernardino County	6193.2 · Conference - Registration Fee	120.83
				PK meeting w/Tom Thomas	6312 · Meeting Expenses	43.03
				Lunch for 8/11/16 Ag Pool meeting prep	8412 · Meeting Expenses	22.56
				Lunch for 8/11/16 Ag Pool meeting prep	8412 · Meeting Expenses	95.40
				Purchase ink cartridges for office	6031.7 · Other Office Supplies	118.38
				Purchase green tea for Board meetings	6031.7 · Other Office Supplies	13.52
				Purchase ink cartridges for office	6031.7 · Other Office Supplies	69.56
				Purchase ink cartridges and printhead for office	6031.7 · Other Office Supplies	130.51
				Purchase ink cartridge for office	6031.7 · Other Office Supplies	61.37
				Replenishment of Fastrack account	6174 · Public Transportation	29.00
				Lunch-8/31/16 Special Ag Pool Confidential Mtg.	8412 · Meeting Expenses	85.06
				Staff team building and development	6193 · Employee Training	224.26
					<b>Total Disbursements:</b>	<b>1,839.84</b>

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TOTAL

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# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: November 17, 2016  
TO: Advisory Committee and Board Members  
SUBJECT: Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2016 through September 30, 2016 - Financial Report B3 (September 30, 2016)

### SUMMARY

Issue: Record of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2016 through September 30, 2016.

Recommendation: Receive and file Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2016 through September 30, 2016 as presented.

Financial Impact: Funds disbursed were included in the FY 2016/17 "Amended" Watermaster Budget.

Advisory Committee – November 17, 2016: Receive and File  
Watermaster Board – November 17, 2016: Receive and File (Normal Course of Business)

---

### ACTIONS:

November 10, 2016 – Appropriative Pool: Unanimously approved  
November 10, 2016 – Non-Agricultural Pool: Moved unanimously to receive and file, without approval  
November 10, 2016 – Agricultural Pool: Unanimously approved  
November 17, 2016 – Advisory Committee:  
November 17, 2016 – Watermaster Board:

## BACKGROUND

A Combining Schedule of Revenue, Expenses and Changes in Net Assets for the period July 1, 2016 through September 30, 2016 is provided to keep all members apprised of the FY 2016/17 cumulative Watermaster revenues, expenditures and changes in net assets for the period listed.

## DISCUSSION

The Combining Schedule of Revenue, Expenses and Changes in Net Assets has been created from various financial reports and statements created from Intuit QuickBooks Enterprise Solutions 17.0, the Watermaster accounting system. The Combining Schedule provided balances to the supporting documentation in the Watermaster accounting system as presented.

## ATTACHMENTS:

1. Financial Report - B3

CHINO BASIN WATERMASTER  
 COMBINING SCHEDULE OF REVENUE, EXPENSES AND CHANGES IN NET ASSETS  
 FOR THE PERIOD JULY 1, 2016 THROUGH SEPTEMBER 30, 2016

Financial Report - B3

	WATERMASTER ADMINISTRATION	OPTIMUM BASIN MANAGEMENT	POOL ADMINISTRATION & SPECIAL PROJECTS			GROUNDWATER OPERATIONS		LAIF VALUE ADJ.	GASB 68 BEG. NET POSITION	GRAND TOTALS	AMENDED BUDGET 2016-2017
			APPROPRIATIVE POOL	AG POOL	NON-AG POOL	GROUNDWATER REPLENISHMENT	SB222 FUNDS				
<b>Administrative Revenues:</b>											
Administrative Assessments			-		-					-	10,314,656
Interest Revenue			8,937	731	59					9,727	19,890
Mutual Agency Project Revenue	159,631									159,631	158,923
Miscellaneous Income										-	0
<b>Total Revenues</b>	<b>159,631</b>	<b>-</b>	<b>8,937</b>	<b>731</b>	<b>59</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>169,358</b>	<b>10,493,469</b>
<b>Administrative &amp; Project Expenditures:</b>											
Watermaster Administration	431,945									431,945	1,286,992
Watermaster Board-Advisory Committee	61,514									61,514	202,053
Ag Pool Misc. Expense - Ag Fund				546						546	400
Pool Administration			29,974	72,337	17,736					120,046	569,293
Optimum Basin Mgmt Administration		405,476								405,476	1,727,519
OBMP Project Costs		1,028,884								1,028,884	3,811,606
Debt Service		465,200								465,200	465,200
Basin Recharge Improvements		-								-	5,060,744
Mutual Agency Project Costs		-								-	-
<b>Total Administrative/OBMP Expenses</b>	<b>493,459</b>	<b>1,899,561</b>	<b>29,974</b>	<b>72,337</b>	<b>17,736</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,513,612</b>	<b>13,123,806</b>
<b>Net Administrative/OBMP Expenses</b>	<b>(333,828)</b>	<b>(1,899,561)</b>									
Allocate Net Admin Expenses To Pools	<u>333,828</u>		251,206	73,113	9,508					-	
Allocate Net OBMP Expenses To Pools		1,434,361	1,079,361	314,147	40,853					-	
Allocate Debt Service to App Pool		465,200	465,200							-	
Allocate Basin Recharge to App Pool		<u>-</u>	-							-	
Agricultural Expense Transfer*			459,596	(459,596)						-	
<b>Total Expenses</b>			<b>2,285,338</b>	<b>546</b>	<b>68,097</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,513,612</b>	<b>13,123,806</b>
<b>Net Administrative Income</b>			<b>(2,276,401)</b>	<b>185</b>	<b>(68,039)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(2,344,254)</b>	<b>(2,630,337)</b>
<b>Other Income/(Expense)</b>											
Replenishment Water Assessments						80,951				80,951	0
Non-Ag Stored Water Purchases										-	0
Exhibit "G" Non-Ag Pool Water			-							-	0
Interest Revenue						3,468				3,468	0
MWD Water Purchases										-	0
Non-Ag Stored Water Purchases										-	0
Exhibit "G" Non-Ag Pool Water			-							-	0
MWD Water Purchases										-	0
Groundwater Replenishment										-	0
LAIF - Fair Market Value Adjustment								-		-	0
Other Post-Employment Benefits (OPEB)			-		-					-	0
Refund-Excess Reserves			-		-					-	0
Refund-Recharge Debt			-		-					-	0
<b>Net Other Income/(Expense)</b>			<b>-</b>	<b>-</b>	<b>-</b>	<b>84,418</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>84,418</b>	<b>0</b>
<b>Net Transfers To/(From) Reserves</b>		<b>(2,259,836)</b>	<b>(2,276,401)</b>	<b>185</b>	<b>(68,039)</b>	<b>84,418</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(2,259,836)</b>	<b>(2,630,337)</b>
<b>Net Assets, July 1, 2016</b>			<b>7,339,593</b>	<b>483,176</b>	<b>75,462</b>	<b>2,465,056</b>	<b>158,251</b>	<b>3,308</b>	<b>(740,195)</b>	<b>9,784,651</b>	
<b>Net Assets, End of Period</b>			<b>5,063,192</b>	<b>483,361</b>	<b>7,423</b>	<b>2,549,474</b>	<b>158,251</b>	<b>3,308</b>	<b>(740,195)</b>	<b>7,524,815</b>	<b>7,524,815</b>
<b>15/16 Assessable Production</b>			<b>89,906,000</b>	<b>26,167,031</b>	<b>3,402,908</b>					<b>119,475,939</b>	
<b>15/16 Production Percentages</b>			<b>75.250%</b>	<b>21.902%</b>	<b>2.848%</b>					<b>100.000%</b>	

\*Fund balance transfer as agreed to in the Peace Agreement.

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# CHINO BASIN WATERMASTER

9641 San Bernardino Road, Rancho Cucamonga, Ca 91730  
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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: November 17, 2016  
TO: Advisory Committee and Board Members  
SUBJECT: Treasurer's Report of Financial Affairs for the Period September 1, 2016 through September 30, 2016 - Financial Report B4 (September 30, 2016)

### SUMMARY

Issue: Record of increases or decreases in the cash position, assets and liabilities of Watermaster for the Period of September 1, 2016 through September 30, 2016.

Recommendation: Receive and file Treasurer's Report of Financial Affairs for the Period September 1, 2016 through September 30, 2016 as presented.

Financial Impact: Funds disbursed were included in the FY 2016/17 "Amended" Watermaster Budget.

Advisory Committee – November 17, 2016: Receive and File  
Watermaster Board – November 17, 2016: Receive and File (Normal Course of Business)

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### ACTIONS:

November 10, 2016 – Appropriative Pool: Unanimously approved  
November 10, 2016 – Non-Agricultural Pool: Moved unanimously to receive and file, without approval  
November 10, 2016 – Agricultural Pool: Unanimously approved  
November 17, 2016 – Advisory Committee:  
November 17, 2016 – Watermaster Board:

## BACKGROUND

A Treasurer's Report of Financial Affairs for the Period September 1, 2016 through September 30, 2016 is provided to keep all members apprised of the total cash in banks (Bank of America, LAIF, and CalTRUST) and on hand at the Watermaster office (petty cash) at the end of the period stated. The Treasurer's Report details the change (increase or decrease) in the overall cash position of Watermaster, as well as the changes (increase or decrease) to the assets and liabilities section of the balance sheet. The report also provides a detailed listing of all deposits and/or withdrawals in the California State Treasurer's Local Agency Investment Fund (LAIF) and/or CalTRUST, the most current effective yield as of the last quarter, and the ending balance in LAIF as of the reporting date.

## DISCUSSION

The Treasurer's Report of Financial Affairs has been created from various financial reports and statements created from Intuit QuickBooks Enterprise Solutions 17.0, the Watermaster accounting system. The Treasurer's Report provided, balances to the supporting documentation in the Watermaster accounting system, as well as the supporting bank statements.

## ATTACHMENTS

1. Financial Report - B4

**CHINO BASIN WATERMASTER  
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD  
SEPTEMBER 1, 2016 THROUGH SEPTEMBER 30, 2016**

Financial Report - B4

**DEPOSITORIES:**

Cash on Hand - Petty Cash			\$	500
Bank of America				
Governmental Checking-Demand Deposits	\$	236,212		
Zero Balance Account - Payroll	\$	-		236,212
Local Agency Investment Fund - Sacramento				8,913,208
<b>TOTAL CASH IN BANKS AND ON HAND</b>				<b>\$ 9,149,920</b>
TOTAL CASH IN BANKS AND ON HAND	9/30/2016			10,087,613
	8/31/2016			10,087,613
<b>PERIOD INCREASE (DECREASE)</b>				<b>\$ (937,693)</b>

**CHANGE IN CASH POSITION DUE TO:**

Decrease/(Increase) in Assets: Accounts Receivable			\$	(61,020)
Assessments Receivable				-
Prepaid Expenses, Deposits & Other Current Assets				1,263
(Decrease)/Increase in Liabilities: Accounts Payable				(103,638)
Accrued Payroll, Payroll Taxes & Other Current Liabilities				8,875
Long Term Liabilities				2,804
Transfer to/(from) Reserves				(785,977)
<b>PERIOD INCREASE (DECREASE)</b>				<b>\$ (937,693)</b>

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**SUMMARY OF FINANCIAL TRANSACTIONS:**

	Petty Cash	Gov't'l Checking Demand	Zero Balance Account Payroll	Local Agency Investment Funds	Totals
Balances as of 8/31/2016	\$ 500	\$ 648,905	\$ -	\$ 9,438,208	\$ 10,087,613
Deposits	-	528,624	-	-	528,624
Transfers	-	(128,022)	(94,006)	(525,000)	(747,028)
Withdrawals/Checks	-	(813,295)	94,006	-	(719,288)
Balances as of 9/30/2016	\$ 500	\$ 236,212	\$ -	\$ 8,913,208	\$ 9,149,920
<b>PERIOD INCREASE OR (DECREASE)</b>	<b>\$ -</b>	<b>\$ (412,693)</b>	<b>\$ -</b>	<b>\$ (525,000)</b>	<b>\$ (937,693)</b>

**CHINO BASIN WATERMASTER  
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD  
SEPTEMBER 1, 2016 THROUGH SEPTEMBER 30, 2016**

**INVESTMENT TRANSACTIONS**

Effective Date	Transaction	Depository	Activity	Redeemed	Days to Maturity	Interest Rate(*)	Maturity Yield
9/27/2016	Withdrawal		\$ (525,000)				

**TOTAL INVESTMENT TRANSACTIONS**                    \$ (525,000) -

\* The earnings rate for L.A.I.F. is a daily variable rate; 0.55% was the effective yield rate at the Quarter ended June 30, 2016.

**INVESTMENT STATUS  
September 30, 2016**

<u>Financial Institution</u>	<u>Principal Amount</u>	<u>Number of Days</u>	<u>Interest Rate</u>	<u>Maturity Date</u>
Local Agency Investment Fund	\$ 8,913,208			
<b>TOTAL INVESTMENTS</b>	<u><u>\$ 8,913,208</u></u>			

Funds on hand are sufficient to meet all foreseen and planned Administrative and project expenditures during the next six months.

All investment transactions have been executed in accordance with the criteria stated in Chino Basin Watermaster's Investment Policy.

Respectfully submitted,



Joseph S. Joswiak  
Chief Financial Officer  
Chino Basin Watermaster

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: November 17, 2016  
TO: Advisory Committee and Board Members  
SUBJECT: Budget vs. Actual Report for the Period July 1, 2016 through September 30, 2016 -  
Financial Report B5 (September 30, 2016)

### SUMMARY

Issue: Record of revenues and expenses of Watermaster for the Period of July 1, 2016 through September 30, 2016.

Recommendation: Receive and file Budget vs. Actual Report for the Period July 1, 2016 through September 30, 2016 as presented.

Financial Impact: Funds disbursed were included in the FY 2016/17 "Amended" Watermaster Budget.

Advisory Committee – November 17, 2016: Receive and File  
Watermaster Board – November 17, 2016: Receive and File (Normal Course of Business)

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### ACTIONS:

November 10, 2016 – Appropriative Pool: Unanimously approved  
November 10, 2016 – Non-Agricultural Pool: Moved unanimously to receive and file, without approval  
November 10, 2016 – Agricultural Pool: Unanimously approved  
November 17, 2016 – Advisory Committee:  
November 17, 2016 – Watermaster Board:

## BACKGROUND

A Budget vs. Actual Report for the period July 1, 2016 through September 30, 2016 is provided to keep all members apprised of the total revenues and expenses for the current fiscal year. The expense section is categorized into four distinct sections. Those sections are: General and Administrative Expenses; Optimum Basin Management Program Expenses; Project Expenses; and Other Income/Expenses. The Budget vs. Actual report has been created from Intuit QuickBooks Enterprise Solutions 17.0, the Watermaster accounting system. The Budget vs. Actual report provided, balances to the supporting documentation in the Watermaster accounting system, as well as the supporting bank statements.

## DISCUSSION

### CURRENT MONTH – SEPTEMBER 2016

Year-To-Date (YTD) for the three months ending September 30, 2016, all but five categories were at or below the projected budget. The categories over budget were as follows: (1) Watermaster Legal Services expenses (6070's) which were over budget by \$34,758 or 55.7% as a result of ongoing Personnel Matters regarding the CalPERS Administrative Hearing for Mr. Alvarez and increased miscellaneous legal expenses; (2) Watermaster Board expenses (6300's) which were over budget by \$2,198 or 4.4% as a result of the Watermaster Workshop on Committees and Board Roles and Responsibilities held on September 13, 2016; (3) Appropriative Pool Administration expenses (8300's) which were over budget by \$1,526 or 5.4% as a result of the monthly legal service invoicing by the Appropriative Pool attorney; (4) Agricultural Pool Legal & Technical Services expenses (8467's) which were over budget by \$4,112 or 8.0% as a result of monthly legal service invoicing by the Agricultural Pool attorney; and (5) Agricultural Pool Meeting Attendance expenses (8470's) which were over budget by \$125 or 2.3% as a result of additional Special meetings held during September 2016.

The Watermaster budget for FY 2016/17 is divided into 12-monthly amounts and allocated accordingly for almost all budget line items. As the fiscal year progresses, these categories might level out over time and be within the budget levels.

Overall, the Watermaster (YTD) Actual Expenses were \$3,334,529 or 57.0% below the (YTD) Budgeted Expenses of \$5,848,141.

### PREVIOUSLY REPORTED ACTIONS (Descending Order)

#### August 2016:

The Amended Budget for FY 2016/17 is \$13,123,806.45 which includes \$2,630,337.45 for the prior years "Carry Over" funding. The Original Approved budget for FY 2016/17 of \$10,493,469 was approved by the Watermaster Board on May 26, 2016 ( $\$10,493,469 + \$2,630,337.45 = \$13,123,806.45$ ).

#### July 2016:

During the month of July 2016, the "Carry Over" funding was calculated. The Total "Carry Over" funding amount of \$2,630,337.45 has been posted to the general ledger accounts. The total amount of \$2,630,337.45 consisted of \$2,264,522.96 from Capital Improvement Projects, \$326,577 from Engineering Services, \$29,285.99 from Chino Hills ASR, and \$9,951.50 from the Administrative section for the ongoing completion of the 37<sup>th</sup> Annual Report for Fiscal Year 2013/14 and the 38<sup>th</sup> Annual Report for Fiscal Year 2014/15. More detailed information is provided regarding this issue under the "Carry Over" Funding section.

## SALARIES EXPENSE

### CURRENT MONTH – SEPTEMBER 2016

As of September 30, 2016, the total (YTD) Watermaster salary expenses were \$20,815 or 4.9% below the (YTD) budgeted amount of \$420,671. The overall staffing budget was developed with a staffing level of ten Full-Time Equivalents (FTE's), and staffing is currently at eight Full-Time Equivalents (FTE's).

The ongoing search for the new Water Resources Professional continued with the understanding that Watermaster is a small organization, and very important to ensure that the new team member not only have the right skills and abilities to succeed, but also critical to ensure the employee has the right personality, cultural fit, and understands the unique challenges of working within a small organization. Watermaster conducted three interviews for the Water Resources Professional during October 11, 2016 and October 20, 2016. The General Manager has issued an offer letter and the offer letter has been accepted by one of the candidates. The offer is contingent upon clearing a criminal and civil background investigation, educational verification, verification of employment eligibility in the United States, as well as successfully passing a pre-employment physical examination and drug screening. These verifications are currently ongoing and expected to be completed by October 31, 2016. The new employee is scheduled to start with Watermaster on Tuesday, November 8, 2016.

With the new hire, the staffing level will increase from eight to nine FTE's. As mentioned above, the Watermaster FY 2016/17 staffing budget was developed and approved with ten FTE's.

Watermaster utilizes an in-house database time and attendance system to track and record staff's actual hours worked and records those hours to a specific project or activity. This time and attendance database of captured staff hours and activities is the basis for the bi-weekly payrolls which are processed using an external payroll processing service. Watermaster staff can record time to a large number of activities but the five most used categories are as follows (1) General Administrative activities; (2) Paid Leaves of vacation, sick or holiday; (3) Pools, Advisory or Board Meeting attendance; (4) OBMP activities; and (5) OBMP Implementation Program Elements 1 through 9 activities.

When the FY 2016/17 budget was developed, basic assumptions were used in allocating how staff's time would be spent and on which of the projects or activities. The staffing dollars were then allocated into those specific areas and budgeted on a 1/12 monthly budget. When actual staffing activities vary from the budgeted assumptions, a positive or negative variance can be created. Currently, the allocations are tracking within budget.

The table summarizes the Year-To-Date (YTD) Actual Watermaster salary costs compared to the Year-To-Date (YTD) Budget as of September 30, 2016. Please be advised that the "\$ Over Budget" and the "% of Budget" columns are a comparison of the (YTD) Actual to the (YTD) Budget, not the 12-month Annual Budget. The 12-month Annual Budget column is presented only to provide the data in a full and complete format. The following details are provided:

	Jul '16 - Sep '16 Actual	Jul '16 - Sep '16 Budget	\$ Over Budget	% of Budget	FY 2016/17 Annual Budget
<b>WM Salary Expense</b>					
6011 · WM Staff Salaries	219,710.37	233,114.00	-13,403.63	94.25%	918,331.00
6011.4 · 457(f) NQDC Plan	6,746.15	5,200.00	1,546.15	129.73%	20,800.00
6015 · Miscellaneous Payments	43,469.66	0.00	43,469.66	100.0%	0.00
6017 · Temporary Services	0.00	5,250.00	-5,250.00	0.0%	21,000.00
6201 · Advisory Committee - WM Staff Salaries	5,082.22	5,871.00	-788.78	86.57%	23,119.00
6301 · Watermaster Board - WM Staff Salaries	6,923.28	9,025.00	-2,101.72	76.71%	35,551.00
8301 · Appropriative Pool - WM Staff Salaries	9,066.36	8,113.00	953.36	111.75%	31,965.00
8401 · Agricultural Pool - WM Staff Salaries	4,238.39	7,139.00	-2,900.61	59.37%	28,126.00
8501 · Non-Agricultural Pool - WM Staff Salaries	3,793.67	4,621.00	-827.33	82.1%	18,202.00
6901 · OBMP - WM Staff Salaries	12,893.90	12,836.00	57.90	100.45%	50,114.00
7101.1 · Production Monitor - WM Staff Salaries	16,130.08	20,351.00	-4,220.92	79.26%	80,622.00
7102.1 · In-line Meter - WM Staff Salaries	764.23	2,384.00	-1,619.77	32.06%	9,389.00
7103.1 · Grdwater Quality - WM Staff Salaries	18,392.88	22,079.00	-3,686.12	83.31%	87,527.00
7104.1 · Grdwater Level - WM Staff Salaries	10,351.64	9,392.00	959.64	110.22%	36,999.00
7108.1 · Hydraulic Control - WM Staff Salaries	0.00	800.00	-800.00	0.0%	3,155.00
7108.11 · Prado Basin - WM Staff Salaries	1,598.76	1,507.00	91.76	106.09%	5,936.00
7201 · Comp Recharge - WM Staff Salaries	15,798.77	14,997.00	801.77	105.35%	58,533.00
7301 · PE3&5 - WM Staff Salaries	0.00	3,933.00	-3,933.00	0.0%	15,492.00
7401 · PE4 - WM Staff Salaries	0.00	2,392.00	-2,392.00	0.0%	9,425.00
7501.1 · PE 6&7 - WM Staff Salaries (Plume)	0.00	1,263.00	-1,263.00	0.0%	4,974.00
7501 · PE6&7 - WM Staff Salaries	0.00	1,142.00	-1,142.00	0.0%	4,498.00
7601 · PE8&9 - WM Staff Salaries	0.00	11,700.00	-11,700.00	0.0%	46,090.00
<b>Subtotal WM Staff Costs</b>	<b>374,960.36</b>	<b>383,109.00</b>	<b>-8,148.64</b>	<b>97.87%</b>	<b>1,509,848.00</b>
60185 · Vacation	13,887.20	17,278.00	-3,390.80	80.38%	69,111.00
60186 · Sick Leave	2,609.25	12,170.00	-9,560.75	21.44%	48,682.00
60187 · Holidays	8,399.07	8,114.00	285.07	103.51%	48,682.00
<b>Subtotal WM Paid Leaves</b>	<b>24,895.52</b>	<b>37,562.00</b>	<b>-12,666.48</b>	<b>66.28%</b>	<b>166,475.00</b>
<b>Total WM Salary Costs</b>	<b>399,855.88</b>	<b>420,671.00</b>	<b>-20,815.12</b>	<b>95.05%</b>	<b>1,676,323.00</b>

PREVIOUSLY REPORTED ACTIONS (Descending Order)

August 2016:

Watermaster is currently in the process of filling one vacant position. Watermaster started the recruitment process for the Water Resources Professional position on March 16, 2016. After several candidates completed the interview process during the month of May, it was determined that a new recruitment process should begin. An updated recruitment advertisement was submitted to Brown & Caldwell and Water District Jobs on June 27, 2016. A group of new candidates were selected and scheduled for interviews between August 22, 2016 and September 1, 2016. Because Watermaster is a small organization, it is very important to ensure that the new team member not only has the right skills and abilities to succeed, it is also critical to ensure the employee has the right personality, cultural fit, and understands the challenges of working within a small organization. While some of the candidates had the experience and qualifications for the job description, the culture and personality fit was not a good match for Watermaster. As a result, the recruitment advertisement was resubmitted to Brown & Caldwell and Water District Jobs on September 19, 2016. Watermaster is reviewing all resumes as they are received for consideration. It is anticipated that the recruitment process could take an additional 45-60 days to complete the selection process, background verification, and hire the Water Resources professional.

July 2016:

Watermaster is currently in the process of filling one vacant position. Watermaster started the recruitment process for the Water Resources Professional position on March 16, 2016. After several candidates completed the interview process during the month of May, it was determined that a new recruitment process should begin. An updated recruitment advertisement was submitted to Brown & Caldwell and Water District Jobs on June 27, 2016. A group of new candidates have been selected and scheduled for interviews between August 22, 2016 and September 1, 2016. It is anticipated that the recruitment process could take an additional 30-45 days to complete the selection process, background verification, and hire the Water Resources professional.

LEGAL SERVICES  
BROWNSTEIN HYATT FARBER SCHRECK EXPENSES

CURRENT MONTH – SEPTEMBER 2016

As of September 30, 2016, the total (YTD) Watermaster Legal Services expenses (consolidating the three categories of Watermaster Administrative Legal Services, Pool/Advisory/Board Meeting legal expenses, and OBMP legal expenses) were \$26,867 or 11.1% above the (YTD) budgeted amount of \$242,556.

The Watermaster Legal Services budget was developed jointly by the Watermaster staff and Brownstein Hyatt Farber Schreck staff with specific assumptions regarding the tasks and legal activities that would occur during FY 2016/17. The total legal services budget was developed by multiplying the number of hours that would be required to complete the specific tasks by the hourly rate. The "Approved" budget amount was adopted for the amount of \$871,426.

WATERMASTER ADMINISTRATIVE LEGAL SERVICES:

Overall, the Watermaster Administrative Legal Services expense (6070's) as of September 30, 2016, was \$34,758 or 55.7% above the budgeted amount of \$62,425. The specific items within the Administrative Legal Services expenses (6070's) which were under budget were the expenses for Court Coordination (6071) under budget by \$4,731 or 46.2%; Annotated Judgment (6072) under budget by \$7,529 or 100.0%; Interagency Issues (6074) under budget by \$7,650 or 100.0%; and the Party Status Maintenance (6077) under budget by \$7,172 or 100.0%. The specific items within the Administrative Legal Services expenses (6070's) which were over budget were the Personnel Matters (6073) over budget by \$36,197 or 172.4% as a direct result of ongoing legal activities related to the administrative hearing with CalPERS regarding the Alvarez issue; and the Miscellaneous Category expenses (6078) over budget by \$25,643 or 290.2%.

Personnel Matters: As reported during the previous monthly meetings, Watermaster's legal counsel filed an appeal with CalPERS regarding CalPERS original determination (from February 2013) which rejected the base salary of the former CEO, Desi Alvarez, with regards to his retirement pension benefit. There have been several filings of appeal and we are awaiting CalPERS determination. On December 9, 2013 CalPERS notified the attorneys of record that the CalPERS Legal Office received the case on November 22, 2013 and we would be notified when the case has been assigned to an attorney who will represent CalPERS regarding the appeal. On February 27, 2014 the case was assigned to Wesley E. Kennedy, Senior Staff Attorney for CalPERS. On July 17, 2014 a document request from CalPERS was received by Watermaster related to the pending case. On August 22, 2014 the specific documents were provided to CalPERS. On September 9, 2014 Watermaster received the Notice of Hearing from CalPERS and the hearing has been scheduled for March 11-13, 2015 at the Glendale CalPERS Regional office. On October 1, 2014 Watermaster received from CalPERS a discovery request for Case No. 2013-1113. On December 31, 2014 Brownstein Hyatt Farber Schreck provided the information to Mr. Kennedy of CalPERS as requested on October 1, 2014. On January 16, 2015 a Prehearing conference along with a Settlement conference was conducted in Los Angeles. On March 2, 2015 a Motion to Continue was granted and the new Administrative Hearing (OAH Case No. 2014080757) was scheduled for November 16-18, 2015 at the Glendale CalPERS Regional Office. On September 28, 2015 the attorney for Mr. Alvarez (Mr. Jensen), at the suggestion of Mr. Kennedy, requested a short continuance of the OAH hearing because CalPERS has scheduled a full Board hearing on the claims of one of Mr. Jensen's clients for November 10, 2016 which is right in the middle of the three-day hearing scheduled for Mr. Alvarez's case. On October 9, 2015, an Order Granting Continuance; Notice of New Hearing Dates was provided by the State of California, Department of General Services, Office of Administrative Hearings. The administrative hearing was rescheduled for January 4-6, 2016 at the Glendale CalPERS Regional Office. On October 14, 2015 a Notice of Case Reassignment was received from the CalPERS providing notice that OAH Case No. 2014080757 has been reassigned from attorney Wesley Kennedy to Preet Kaur, Staff Attorney. On November 20, 2015, a Request for Continuance was issued from CalPERS to reschedule the hearing to either the period of April 4 through April 6, 2016 or April 11 through April 15, 2016. On December 11, 2015, an Order Granting Continuance; Notice of New Hearing Dates was issued from the State of California, Department of General Services, Office of Administrative Hearings to

reschedule the hearing to April 11-13, 2016. The Administrative Hearing was held on April 11-13, 2016 at the Glendale CalPERS Regional Office. A ruling was scheduled for issuance by the Administrative Judge in July 2016. On June 9, 2016 a request by the CalPERS attorney to extend the deadlines for filing the opening and response briefs was submitted to the Administrative Law Judge. On June 13, 2016 the request was granted and the order now states the opening briefs shall be filed and served no later than July 11, 2016. The response briefs were filed and served no later than August 8, 2016. On September 7, 2016 the Administrative Law Judge issued his proposed decision. The proposed decision by Judge Sawyer is as follows:

1. Concluded that Mr. Alvarez's Watermaster salary did not meet the requirements of a "publicly available pay schedule"
2. Concluded that Mr. Alvarez was employed and should receive service credit for his full year at Watermaster

The proposed decision is not effective unless adopted by the CalPERS Board of Administration and consideration of this decision is currently calendared for the Board's November 16, 2016 meeting. Although there is no opportunity for oral argument at that meeting, each party may submit up to a 6-page brief by November 4, 2016.

WATERMASTER POOLS, ADVISORY AND BOARD LEGAL SERVICES:

The Pools, Advisory Committee and the Board meeting legal expenses from BHFS are captured by month within the accounts (6275, 6375, 6375.1, 8375, 8475 and 8575). The legal service costs associated with the Board Workshop(s) are also included as part of this group. Overall, this category of legal expenses as of September 30, 2016 was \$1,644 or 2.7% below the budgeted amount of \$60,273. Normal Brownstein Hyatt Farber Schreck meeting attendance during any given month includes attendance at all three pool meetings, one Advisory Committee meeting and one Board meeting.

OBMP LEGAL SERVICES:

The OBMP legal expenses (accounts 6907.31 through 6907.90) were below the budget for the month. As of September 30, 2016 the category of OBMP legal expenses were \$6,246 or 5.2% below the budgeted amount of \$119,858. The majority of expenses within this OBMP category were under budget (YTD), however, the Santa Ana River Water Rights legal expenses (6907.34) were over budget by \$618 or 9.8%; the Santa Ana River Habitat legal expenses (6907.36) were over budget by \$620 or 100.0%; the Prado Basin Habitat Sustainability legal expenses (6907.41) were over budget by \$8,030 or 223.9%; and the Safe Yield Redetermination and Reset legal expenses (6907.42) were over budget by \$56,423 or 329.1%.

The table listed below summarizes the Brownstein Hyatt Farber Schreck (BHFS) expenses as of September 30, 2016 compared to the Year-To-Date (YTD) budget. Please be advised that the "\$ Over Budget" and the "% of Budget" columns are a comparison of the (YTD) Actual to the (YTD) Budget, not the 12-month Annual Budget. The 12-month Annual Budget column is presented only to provide the data in a full and complete format. The following details are provided:

	Jul '16 - Sep '16 Actual	Jul '16 - Sep '16 Budget	\$ Over Budget	% of Budget	FY 2016/17 Annual Budget
<b>6070 · Watermaster Legal Services</b>					
6071 · BHFS Legal - Court Coordination	5,506.54	10,238.00	-4,731.46	53.79%	40,950.00
6072 · BHFS Legal - Annotated Judgment	0.00	7,529.00	-7,529.00	0.0%	30,113.00
6073 · BHFS Legal - Personnel Matters	57,197.49	21,000.00	36,197.49	272.37%	35,000.00
6074 · BHFS Legal - Interagency Issues	0.00	7,650.00	-7,650.00	0.0%	30,600.00
6076 · BHFS Legal - Storage Issues	0.00	0.00	0.00	0.0%	0.00
6077 · BHFS Legal - Party Status Maintenance	0.00	7,172.00	-7,172.00	0.0%	28,700.00
6078 · BHFS Legal - Miscellaneous (Note 1)	34,478.65	8,836.00	25,642.65	390.21%	35,350.00
<b>Total 6070 · Watermaster Legal Services</b>	<b>97,182.68</b>	<b>62,425.00</b>	<b>34,757.68</b>	<b>155.68%</b>	<b>200,713.00</b>
<b>6275 · BHFS Legal - Advisory Committee</b>	<b>4,160.43</b>	<b>5,100.00</b>	<b>-939.57</b>	<b>81.58%</b>	<b>18,700.00</b>
6375 · BHFS Legal - Board Meeting	15,112.11	21,060.00	-5,947.89	71.76%	77,220.00
6375.1 · BHFS Legal - Board Workshop(s)	23,108.76	11,163.00	11,945.76	207.01%	11,163.00
8375 · BHFS Legal - Appropriative Pool	5,007.81	7,650.00	-2,642.19	65.46%	28,050.00
8475 · BHFS Legal - Agricultural Pool	6,384.81	7,650.00	-1,265.19	83.46%	28,050.00
8575 · BHFS Legal - Non-Ag Pool	4,854.81	7,650.00	-2,795.19	63.46%	28,050.00
<b>Total BHFS Legal Services</b>	<b>58,628.73</b>	<b>60,273.00</b>	<b>-1,644.27</b>	<b>97.27%</b>	<b>191,233.00</b>
<b>6907.3 · WM Legal Counsel</b>					
6907.31 · Archibald South Plume	0.00	6,122.00	-6,122.00	0.0%	24,500.00
6907.32 · Chino Airport Plume	0.00	6,122.00	-6,122.00	0.0%	24,500.00
6907.33 · Desalter/Hydraulic Control	0.00	7,172.00	-7,172.00	0.0%	28,700.00
6907.34 · Santa Ana River Water Rights	6,946.20	6,328.00	618.20	109.77%	25,300.00
6907.36 · Santa Ana River Habitat	620.10	0.00	620.10	100.0%	0.00
6907.38 · Reg. Water Quality Cntrl Board	0.00	3,586.00	-3,586.00	0.0%	14,350.00
6907.39 · Recharge Master Plan	5,951.25	14,100.00	-8,148.75	42.21%	56,400.00
6907.40 · Storage Agreements	879.75	27,045.00	-26,165.25	3.25%	108,180.00
6907.41 · Prado Basin Habitat Sustainability	11,615.61	3,586.00	8,029.61	323.92%	14,350.00
6907.42 · Safe Yield Recalculation	73,570.29	17,147.00	56,423.29	429.06%	68,600.00
6907.44 · SGMA Compliance	14,028.40	21,272.00	-7,243.60	65.95%	85,100.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	7,378.00	-7,378.00	0.0%	29,500.00
<b>Total 6907 · WM Legal Counsel</b>	<b>113,611.60</b>	<b>119,858.00</b>	<b>-6,246.40</b>	<b>94.79%</b>	<b>479,480.00</b>
<b>Total Brownstein, Hyatt, Farber, Schreck Costs</b>	<b>269,423.01</b>	<b>242,556.00</b>	<b>26,867.01</b>	<b>111.08%</b>	<b>871,426.00</b>

Note 1: The types of legal activities that have been charged against the "Miscellaneous" legal category account 6078 are as follows: (1) Correspondence and discussions with Watermaster staff regarding current issues/topics; (2) Correspondence with Watermaster staff regarding special projects (assessment package, replenishment obligations, annual report, audit report, business plan, etc.); (3) Brownstein's status review of ongoing Watermaster projects and issues; (4) Brownstein's update of the outstanding issues list; (5) Coordination of ongoing Watermaster projects; (6) Review of draft documents; (7) Review transfer documents; (8) Ground-Level Monitoring Committee reports/meetings; (9) Review process and criteria for SGMA reporting; (10) Review current California issued drought regulations; (11) Review and comment on Waters of the United States rule making; (12) Review and draft documents for basin boundary regulations; (13) September 13, 2016 Workshop on Watermaster committees and Board roles; (14) Chino Basin water bank discussions; and (15) Miscellaneous legal research on current and pending issues.

## OBMP ENGINEERING SERVICES AND LEGAL COSTS

### CURRENT MONTH – SEPTEMBER 2016

Reviewing in total the OBMP Engineering Services and Legal Costs (consolidating the four categories of OBMP Watermaster Staff and SAWPA, OBMP Engineering Services, OBMP Legal Costs, and OBMP Other Expenses) for the three months ending September 30, 2016, the actual expenses of \$398,693 were below the budgeted amount of \$423,937 by \$25,244 or 6.0%. For a detailed discussion, the following is provided.

For September 30, 2016, the accounts 6901-6903 (Optimum Basin Mgmt Program) section was above the Year-To-Date (YTD) budget by \$4,973 or 18.9%. Watermaster utilizes an in-house database time and attendance system to record and document staff's actual hours worked and also allocates those hours to a specific project or activity. Watermaster staff time could be charged to Administrative, OBMP, or Implementation Project categories. Recently, Watermaster staff spent slightly more time on specific

OBMP related areas and less time on administrative related tasks. As a result, Watermaster staff allocated more actual time to the OBMP project as budgeted, which resulted in an over budget variance of \$58 or 0.5%. The remaining expense was the Santa Ana Watershed Project Authority (SAWPA) FY 2016/17 Basin Monitoring Program Task Force Contribution which was budgeted at \$13,500 but actual expenses were billed at \$18,415 which was above the budget by \$4,915 or 36.4% as of September 30, 2016.

For September 30, 2016, the accounts 6906 (Optimum Basin Mgmt Program Engineering Services) section was below the Year-To-Date (YTD) budget by \$23,620 or 8.6%. For FY 2016/17, the OBMP-Safe Yield Redetermination and Reset expenses (6906.73) did not have a budget amount authorized and for the month of September, there were no expenses charged to the OBMP-Safe Yield Redetermination and Reset account. The majority of expenses within this OBMP category were under budget (YTD), however, the accounts which were over budget were as follows: the Water Rights Compliance Reporting Engineering Services expenses (6906.22) which were over budget by \$4,273 or 67.5%; the Compliance-SB88 and SWRCB Engineering Services expenses (6906.24) which were over budget by \$13,019 or 69.4%; the OBMP-Pool, Advisory, Board Meeting Engineering Services expenses (6906.31) which were over budget by \$14,078 or 58.6%; the OBMP-Other General Meetings Engineering Services expenses (6906.32) which were over budget by \$539 or 6.0%; the OBMP-Data Requests-CBWM Staff Engineering Services expenses (6906.71) which were over budget by \$61,633 or 270.4%; and the Preparation of the 38<sup>th</sup>/39<sup>th</sup> Annual Reports which were over budget by \$13,473 or 90.3%.

Within the category 6907 (Optimum Basin Mgmt Program Legal Fees) are the remaining Brownstein Hyatt Farber Schreck (BHFS) Watermaster's legal expenses. Within the legal expense category, some individual line item activities were above the budget by \$65,691 while some other line item activities were below the budget by \$71,938. Above the budget line items were the Santa Ana River Water Rights expenses of \$618; the Santa Ana River Habitat expenses of \$620; the Prado Basin Habitat Sustainability expenses of \$8,030; and the Safe Yield Redetermination and Reset expenses of \$56,423. The individual legal projects/activities that were below budget for the Year-To-Date (YTD) period were the Archibald South Plume of \$6,122; the Chino Airport Plume of \$6,122; the Desalter/Hydraulic Control of \$7,172; the Regional Water Quality Control Board of \$3,586; the Recharge Master Plan of \$8,149; Storage Agreements of \$26,165; the SGMA Compliance of \$7,244; and the WM Unanticipated legal expenses of \$7,378. For the three months ended September 30, 2016, the overall cumulative (YTD) budget was \$119,858 and the actual (BHFS) legal expenses totaled \$113,612 which resulted in an under budget variance of \$6,246 or 5.2%.

The OBMP Other Expenses (6909's) were below the budget for the month. These expenses are typically conference calls, meeting expenses, supplies, annual inspection fees, and other miscellaneous type expenses. As of September 30, 2016 this category of expenses was \$351 or 10.4% below the budgeted amount of \$3,375.

The WEI Support for IEUA expenses are categorized within the category (6910's). The individual general ledger accounts are as follows: IRP Groundwater Modeling-WEI expenses (6910.10); As Needed Support for Obtaining Grant Funding of RMPU Projects expenses (6910.11); Preparation of a Compliance Demonstration for Stormwater Recharge expenses (6910.12); Ground Water Velocity Field for the San Sevaire Improvement Project expenses (6910.13); Truing-Up the 2013 RMPU Estimates expenses (6910.14); and RMPU-MPI Analysis expenses (6910.20). These expenses are billed directly to IEUA on the following month once the payment has been issued to Wildermuth Environmental, Inc. per the agreement. As of September 30, 2016 this category of expenses was fully invoiced in the amount of \$107,644.33 to IEUA.

Overall, the Optimum Basin Management Program (OBMP) category was \$398,693 compared to a (YTD) budget of \$423,937 for an under budget of \$25,244 or 6.0% as of September 30, 2016.

The table listed below summarizes the Optimum Basin Management Program (OBMP) expenses as of September 30, 2016 compared to the Year-To-Date (YTD) budget. Please be advised that the "\$ Over Budget" and the "% of Budget" columns are a comparison of the (YTD) Actual to the (YTD) Budget, not

the 12-month Annual Budget. The 12-month Annual Budget column is presented only to provide the data in a full and complete format. The following details are provided:

	Jul '16 - Sep '16 Actual	Jul '16 - Sep '16 Budget	\$ Over Budget	% of Budget	FY 2016/17 Annual Budget
<b>6900 · Optimum Basin Mgmt Plan</b>					
6901 · WM Staff Salaries	12,893.90	12,836.00	57.90	100.45%	50,114.00
6903 · OBMP SAWPA Group	18,415.00	13,500.00	4,915.00	136.41%	13,500.00
<b>Total 6901-6903 · OBMP WM Staff/SAWPA</b>	<b>31,308.90</b>	<b>26,336.00</b>	<b>4,972.90</b>	<b>118.88%</b>	<b>63,614.00</b>
<b>6906 · OBMP Engineering Services</b>					
6906.1 · OBMP - Watermaster Model Update	37,064.00	44,115.00	-7,051.00	84.02%	176,460.00
6906.21 · State of the Basin Report	0.00	25,003.00	-25,003.00	0.0%	100,000.00
6906.22 · Water Rights Compliance Reporting	10,599.60	6,327.00	4,272.60	167.53%	25,308.00
6906.23 · SGMA Reporting Requirements	85.55	7,007.00	-6,921.45	1.22%	28,040.00
6906.24 · Compliance - SB88 and SWRCB	31,769.26	18,750.00	13,019.26	169.44%	75,000.00
6906.25 · Initial Assessment - Section 4.5-SYRA	0.00	53,432.00	-53,432.00	0.0%	213,740.00
6906.31 · OBMP - Pool, Advisory, Board Mtgs.	38,106.07	24,028.00	14,078.07	158.59%	96,114.00
6906.32 · OBMP - Other General Meetings	9,547.58	9,009.00	538.58	105.98%	36,045.00
6906.71 · OBMP - Data Requests - CBWM Staff	84,425.03	22,792.00	61,633.03	370.42%	91,156.00
6906.72 · OBMP - Data Requests - Non CBWM	6,051.75	7,840.00	-1,788.25	77.19%	31,348.00
6906.73 · OBMP - Safe Yield Recalculation	0.00	0.00	0.00	0.0%	0.00
6906.74 · OBMP - Mat'l Phy. Injury Requests	0.00	17,503.00	-17,503.00	0.0%	70,000.00
6906.75 · OBMP - Recharge Master Plan	0.00	0.00	0.00	0.0%	0.00
6906.81 · Prepare 38th/39th Annual Reports	28,395.17	14,922.00	13,473.17	190.29%	59,688.00
6906.82 · Support for Assessment Package	0.00	16,500.00	-16,500.00	0.0%	66,000.00
6906 · OBMP Engineering Services - Other	4,704.20	7,140.00	-2,435.80	65.89%	28,560.00
<b>Total 6906 · OBMP Engineering Services</b>	<b>250,748.21</b>	<b>274,368.00</b>	<b>-23,619.79</b>	<b>91.39%</b>	<b>1,097,459.00</b>
<b>6907 · OBMP Legal Fees</b>					
6907.3 · WM Legal Counsel					
6907.31 · Archibald South Plume	0.00	6,122.00	-6,122.00	0.0%	24,500.00
6907.32 · Chino Airport Plume	0.00	6,122.00	-6,122.00	0.0%	24,500.00
6907.33 · Desalter/Hydraulic Control	0.00	7,172.00	-7,172.00	0.0%	28,700.00
6907.34 · Santa Ana River Water Rights	6,946.20	6,328.00	618.20	109.77%	25,300.00
6907.36 · Santa Ana River Habitat	620.10	0.00	620.10	100.0%	0.00
6907.38 · Reg. Water Quality Cntrl Board	0.00	3,586.00	-3,586.00	0.0%	14,350.00
6907.39 · Recharge Master Plan	5,951.25	14,100.00	-8,148.75	42.21%	56,400.00
6907.40 · Storage Agreements	879.75	27,045.00	-26,165.25	3.25%	108,180.00
6907.41 · Prado Basin Habitat Sustainability	11,615.61	3,586.00	8,029.61	323.92%	14,350.00
6907.42 · Safe Yield Recalculation	73,570.29	17,147.00	56,423.29	429.06%	68,600.00
6907.44 · SGMA Compliance	14,028.40	21,272.00	-7,243.60	65.95%	85,100.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	7,378.00	-7,378.00	0.0%	29,500.00
<b>Total 6907 · WM Legal Counsel</b>	<b>113,611.60</b>	<b>119,858.00</b>	<b>-6,246.40</b>	<b>94.79%</b>	<b>479,480.00</b>
<b>Total 6907 · OBMP Legal Fees</b>	<b>113,611.60</b>	<b>119,858.00</b>	<b>-6,246.40</b>	<b>94.79%</b>	<b>479,480.00</b>
<b>6909 · OBMP Other Expenses</b>					
6909.1 · OBMP Meetings	954.09	375.00	579.09	254.42%	1,500.00
6909.3 · Other OBMP Expenses	0.00	497.00	-497.00	0.0%	2,000.00
6909.6 · OBMP Expenses - Miscellaneous	2,070.00	2,503.00	-433.00	82.7%	10,000.00
<b>Total 6909 · OBMP Other Expenses</b>	<b>3,024.09</b>	<b>3,375.00</b>	<b>-350.91</b>	<b>89.6%</b>	<b>13,500.00</b>
<b>6910 · WEI Support for IEUA</b>					
6910.10 · IRP Groundwater Modeling - WEI	0.00	0.00	0.00	0.0%	0.00
6910.11 · WEI Support-Grant Funding-RMPU	5,002.23	0.00	5,002.23	100.0%	0.00
6910.12 · WEI Support-Stormwater Recharge	0.00	0.00	0.00	0.0%	0.00
6910.13 · IEUA-San Sevaime Improvement Project	792.00	0.00	792.00	100.0%	0.00
6910.14 · Truing-Up 2013 RMPU Estimates	65,226.30	0.00	65,226.30	100.0%	0.00
6910.20 · RMPU-MPI Analysis	36,623.80	0.00	36,623.80	100.0%	0.00
6910.50 · WEI Support for IEUA-Billings	-107,644.33	0.00	-107,644.33	100.0%	0.00
<b>Total 6910 · WEI Support for IEUA</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>0.00</b>
<b>Total 6900 · Optimum Basin Mgmt Plan</b>	<b>398,692.80</b>	<b>423,937.00</b>	<b>-25,244.20</b>	<b>94.05%</b>	<b>1,654,053.00</b>

ENGINEERING SERVICES - OBMP IMPLEMENTATION PROJECTS COSTS  
WILDERMUTH ENVIRONMENTAL, INC.

CURRENT MONTH – SEPTEMBER 2016

As of September 30, 2016, the total (YTD) Engineering Services expenses were \$658,572 or 36.9% below the (YTD) budget amount of \$1,044,394. The OBMP Implementation Projects (consolidated accounts 7100's – 7700's) were all under budget as of September 30, 2016.

Wildermuth Environmental, Inc. provides Watermaster an Estimated Cost at Completion (ECAC) report each quarter. The purpose of this ECAC report is to update Watermaster on whether or not the Engineering Services budget will be above or below budget at the end of the fiscal year. If the Engineering Services budget is expected to be above budget at fiscal year-end, a Budget Amendment or Budget Transfer Form would need to be approved to ensure funding. The first quarter ECAC report (for the months July 2016-September 2016) is scheduled to be produced by Wildermuth Environmental, Inc. and distributed to Watermaster during the month of November 2016.

The table listed below summarized the Year-To-Date (YTD) Actual Wildermuth Environmental, Inc., (WEI) and other Engineering costs compared to the Year-To-Date (YTD) Budget as of September 30, 2016. Please be advised that the "\$ Over Budget" and the "% of Budget" columns are a comparison of the (YTD) Actual to the (YTD) Budget, not the 12-month Annual Budget. The 12-month Annual Budget column is presented only to provide the data in a full and complete format. The following details are provided:

	Jul '16 - Sep '16	Jul '16 - Sep '16			FY 2016/17
	Actual	Budget	\$ Over Budget	% of Budget	Annual Budget
6906 · OBMP Engineering Services - Other	4,704.20	7,140.00	-2,435.80	65.89%	28,560.00
6906.1 · OBMP - Watermaster Model Update	37,064.00	44,115.00	-7,051.00	84.02%	176,460.00
6906.21 · State of the Basin Report	0.00	25,003.00	-25,003.00	0.0%	100,000.00
6906.22 · Water Rights Compliance Reporting	10,599.60	6,327.00	4,272.60	167.53%	25,308.00
6906.23 · SGMA Reporting Requirements	85.55	7,007.00	-6,921.45	1.22%	28,040.00
6906.24 · Compliance - SB88 and SWRCB	31,769.26	18,750.00	13,019.26	169.44%	75,000.00
6906.25 · Initial Assessment - Section 4.5-SYRA	0.00	53,432.00	-53,432.00	0.0%	213,740.00
6906.31 · OBMP - Pool, Advisory, Board Mtgs.	38,106.07	24,028.00	14,078.07	158.59%	96,114.00
6906.32 · OBMP - Other General Meetings	9,547.58	9,009.00	538.58	105.98%	36,045.00
6906.71 · OBMP - Data Requests - CBWM Staff	84,425.03	22,792.00	61,633.03	370.42%	91,156.00
6906.72 · OBMP - Data Requests - Non CBWM	6,051.75	7,840.00	-1,788.25	77.19%	31,348.00
6906.74 · OBMP - Mat'l Physical Injury Requests	0.00	17,503.00	-17,503.00	0.0%	70,000.00
6906.81 · Prepare 38th/39th Annual Reports	28,395.17	14,922.00	13,473.17	190.29%	59,688.00
6906.82 · Support for Assessment Package	0.00	16,500.00	-16,500.00	0.0%	66,000.00
7103.3 · Grdwtr Qual-Engineering	45,653.65	41,391.00	4,262.65	110.3%	129,555.00
7103.5 · Grdwtr Qual-Lab Svcs	28,704.66	33,404.00	-4,699.34	85.93%	39,205.00
7104.3 · Grdwtr Level-Engineering	45,222.61	48,167.00	-2,944.39	93.89%	192,667.00
7104.8 · Grdwtr Level-Contracted Services	0.00	2,503.00	-2,503.00	0.0%	10,000.00
7104.9 · Grdwtr Level-Capital Equipment	0.00	1,753.00	-1,753.00	0.0%	7,000.00
7107.2 · Grd Level-Engineering	8,910.38	13,138.00	-4,227.62	67.82%	52,540.00
7107.3 · Grd Level-SAR Imagery	0.00	21,250.00	-21,250.00	0.0%	85,000.00
7107.6 · Grd Level-Contract Svcs	0.00	25,047.00	-25,047.00	0.0%	100,197.00
7107.8 · Grd Level-Capital Equipment	0.00	872.00	-872.00	0.0%	3,500.00
7108.3 · Hydraulic Control-Engineering	11,715.71	14,401.00	-2,685.29	81.35%	57,607.00
7108.31 · Hydraulic Control-PBHSP	104,336.07	81,288.00	23,048.07	128.35%	288,936.00
7108.32 · Hydraulic Control-Adaptive Mgmt Plan	0.00	50,000.00	-50,000.00	0.0%	50,000.00
7108.4 · Hydraulic Control-Lab Svcs	2,032.00	6,271.00	-4,239.00	32.4%	25,081.00
7108.41 · Hydraulic Control-PBHSP	11,304.00	12,307.00	-1,003.00	91.85%	49,216.00
7108.6 · Hydraulic Control-Outside Professionals	0.00	16,247.00	-16,247.00	0.0%	65,000.00
7109.3 · Recharge & Well - Engineering	2,171.10	5,831.00	-3,659.90	0.0%	23,318.00
7202.2 · Comp Recharge-Engineering Services	28,385.49	40,254.00	-11,868.51	70.52%	161,016.00
7303 · PE3&5-Engineering - Other	0.00	2,370.00	-2,370.00	0.0%	9,480.00
7402 · PE4-Engineering	46,712.64	27,300.00	19,412.64	171.11%	88,212.00
7402.10 · PE4-MZ1 Pomona Project	63,042.62	283,651.00	-220,608.38	22.23%	362,104.00
7403 · PE4-Contract Svcs	0.00	15,000.00	-15,000.00	0.0%	60,000.00
7502 · PE6&7-Engineering	2,679.20	10,860.00	-8,180.80	24.67%	43,440.00
7602 · PE8&9-Engineering	6,953.44	16,721.00	-9,767.56	41.59%	66,896.00
<b>Total Engineering Services Costs</b>	<b>658,571.78</b>	<b>1,044,394.00</b>	<b>-385,822.22</b>	<b>63.06%</b>	<b>3,067,429.00 *</b>

\* Wildermuth and Subcontractor Engineering Budget of \$2,740,852 plus Carryover Funds from FY 2015/16 of \$326,577 = \$3,067,429  
Carryover Funds from FY 2015/16 of \$326,577 = \$12,072 (7108.31); \$50,000 (7108.32); \$7,000 (7402); and \$257,505 (7402.10)

PREVIOUSLY REPORTED ACTIONS (Descending Order)

July 2016:

The approved "Original" Engineering Services budget of \$2,740,852 was increased by "Carry Over" funding in the amount of \$326,577 to the "Amended" amount of \$3,067,429 for FY 2016/17 as provided in the Engineering Services Task Order. All of the "Carry Over" funding is for projects or activities that have bridged previous fiscal years and are expected to be completed in the FY 2016/17 timeframe or future years. The Carry-Over amount of \$326,577 from FY 2015/16 to the FY 2016/17 budget are provided in detail as follows:

1. The ongoing Adaptive Management Plan for the Prado Basin Habitat Sustainability Program in connection with the vegetation monitoring database in HydroDaVE (account 7108.31 in the amount of \$12,072). This work was originally scoped for FY 2015/16 but was not performed because the Adaptive Management Plan was not finalized and adopted by Watermaster in FY 2015/16.
2. Preparation of the Final PBHSP Adaptive Management Plan and the 2016 PBHSP Annual Report (account 7108.32 in the amount of \$50,000). The Adaptive Management Plan for the PBHSP was not finalized during FY 2015/16 and as a result, the initial Annual Report was not completed. The

scope for preparing the 2016 Annual Report in FY 2016/17 was based on the assumption that the initial 2015 Annual Report of the PBHSP would have already been completed.

3. The finalization of the 2015 Annual Report of the Ground-Level Monitoring Committee (account 7402 in the amount of \$7,000). The Annual Report has been delayed primarily because the InSAR and ground-level survey data were delivered in March, which delayed the report and completion. The report will be finalized in FY 2016/17.
4. Three separate subtasks for the effort to develop a Subsistence Management Plan for the Northwest MZ-1 Area which is a 5-6 year effort (account 7402.1 in the amount of \$257,505) which will be performed in sequential phases. Some of the early phases of the work have been delayed for various reasons (e.g. delays in initiation of the monitoring program because of difficulties in coordination with well owners). These delays push some of the work that was expected to be completed in FY 2015/16 to FY 2016/17, including subtasks associated with setup and initiation of the monitoring program, siting of extensometers, modeling, and reporting.

The breakdown of the total Task Order amount of \$2,740,852 includes direct labor costs for Wildermuth Environmental, Inc. (82.6%) along with other direct charges such as equipment rental, laboratory fees, travel costs, reproduction costs, and outside professional services (17.4%).

#### PRADO BASIN HABITAT SUSTAINABILITY PROGRAM

The Prado Basin Habitat Sustainability Program came about as a result of the Peace II Agreement SEIR mitigation measure 4.4-3 and was adopted by IEUA's Board in October, 2010. The purpose of the mitigation measure is to ensure that the Prado Basin riparian habitat will not be impacted by Hydraulic Control. The basic program tasks are to convene a committee that will develop this adaptive management plan, to install necessary monitoring wells, to complete vegetation and aerial surveys, and to implement photo station monitoring. In terms of the financial aspects of this program, there is a cost sharing agreement, which was approved by the Watermaster Board in September, 2012 for a total budget of \$440,000. The cost sharing agreement between IEUA and Watermaster was increased from \$220,000 to \$300,000 effective August 22, 2013 with the approval of the Watermaster Board. The increase from \$220,000 to \$300,000 was to reflect a change in the consultant preparing the Adaptive Management Plan. On August 25, 2016, the cost sharing agreement between IEUA and Watermaster was increased from \$300,000 to \$385,000 ( $\$770,000 \times 50\% = \$385,000$ ) with the approval of the Watermaster Board. A number of issues associated with the drilling of the monitoring wells (unavailable locations requiring negotiation of new easements, nesting season limitations, etc.), increased the cost of the construction of the 16 wells. The majority of the additional costs were due to extended construction management, additional easement fees, and environmental reporting for the pre- and during construction time period. The associated increase in cost was \$170,000, changing the total amount from \$600,000 to \$770,000.

This is a 50/50 cost sharing agreement between Watermaster and IEUA with a not to exceed amount of \$385,000 for each party. Included in that cost is hiring a consultant to develop the adaptive management plan, WEI performing the project management tasks related to the monitoring well installation, hiring a contractor to construct and install up to seventeen monitoring wells at nine separate sites, and United States Bureau of Reclamation performing vegetation monitoring every three years. Grants have been applied for to offset the cost of this program; however, the Grants were not approved.

The process of invoicing IEUA for their 50% portion of the (WEI) invoices will be completed by Watermaster staff at the end of every quarter. The information listed below is provided for the period of May 1, 2012 through September 30, 2016:

	Wildermuth Environmental, Inc.	50% Billing "TO" IEUA	50% Billing "FROM" IEUA	Costs For Watermaster	Watermaster Staff "Hours"	Watermaster Staff "Costs"
May 2012 - Jun. 2012	\$ 11,143.75	\$ (5,571.88)	\$ -	\$ 5,571.88	4.00	\$ 411.38
Jul. 2012 - Jun. 2013	\$ 120,945.28	\$ (60,472.64)	\$ 6,275.92	\$ 66,748.56	73.00	\$ 7,837.27
Jul. 2013 - Jun. 2014	\$ 21,722.09	\$ (10,861.05)	\$ 474.09	\$ 11,335.14	56.00	\$ 5,719.30
Jul. 2014 - Jun. 2015	\$ 198,138.44	\$ (99,069.22)	\$ -	\$ 99,069.22	9.00	\$ 1,141.63
Jul. 2015 - Jun. 2016	\$ 4,428.00	\$ (2,214.00)	\$ -	\$ 2,214.00	30.00	\$ 3,587.65
Jul. 2016 - Sep. 2016	\$ -	\$ -	\$ -	\$ -	8.00	\$ 1,598.76
<b>Totals</b>	<b>\$ 356,377.56</b>	<b>\$ (178,188.78)</b>	<b>\$ 6,750.01</b>	<b>\$ 184,938.79</b>	<b>180.00</b>	<b>\$ 20,295.99</b>
	7108.7	7108.71, 7108.72	7108.75			7108.11

#### OTHER INCOME AND EXPENSE

There were no other significant items to report within the category of Other Income and Expenses for the month ending September 30, 2016.

#### PREVIOUSLY REPORTED ACTIONS (Descending Order)

July 2016:

Per section VI.D.3 of the Groundwater Storage Program Funding Agreement No. 49960 in the Chino Basin with The Metropolitan Water District of Southern California, the FY 2016/17 annual administrative fee invoice was issued on September 30, 2016 in the amount of \$159,631.04 under invoice number DYY 16-01.

#### "CARRY OVER" FUNDING

#### BACKGROUND OF "CARRY OVER" FUNDING

Once the FY 2015/16 period as of June 30, 2016 was closed, the amount of unfinished capital projects and related engineering costs was calculated and the "Carry Over" funding amount was added to the current FY 2016/17 budget. The Total "Carry Over" funding amount of \$2,630,337.45 was posted to the accounts as of July 1, 2016. The total amount of \$2,630,337.45 consisted of \$2,264,522.96 from Capital Improvement Projects; \$326,577.00 from Engineering Services; \$29,285.99 from the Chino Hills ASR Project; and \$9,951.50 from the Administration budget for completion of the Annual Reports.

#### CURRENT MONTH – SEPTEMBER 2016

As of September 30, 2016, the total (YTD) amount remaining of the "Carried Over" funding is \$2,538,271.33 (\$2,630,337.45 - \$92,066.12 = \$2,538,271.33). The following details are provided:

"Carried Over" Expenses At June 30, 2016

			<u>GL Account</u>		
Printing - Annual Report	\$ 5,000.00	A	6045	FY 2015/16	ADM
Rauch Communication Consultants - Annual Report	\$ 4,951.50	B	6061.3	FY 2015/16	ADM
Chino Hills ASR Project	\$ 29,285.99	C	7107.62	FY 2013/14	ASR
Hydraulic Control Engineering - PBHSP	\$ 12,072.00	D	7108.31 <sup>1</sup>	FY 2015/16	ENG
Hydraulic Control Monitoring - Adaptive Mgmt Plan	\$ 50,000.00	E	7108.32 <sup>2</sup>	FY 2015/16	ENG
PE4 - Engineering Services	\$ 7,000.00	F	7402 <sup>3</sup>	FY 2015/16	ENG
PE4 - Northwest MZ-1 Area Project	\$ 257,505.00	G	7402.1 <sup>4</sup>	FY 2015/16	ENG
Jurupa Pumping Station (TO #5)	\$ 37,981.33	H	7209.1 <sup>5</sup>	FY 2013/14	PROJ
Wineville Basin Proof of Concept (TO #6)	\$ 35,397.53	I	7209.2 <sup>5</sup>	FY 2013/14	PROJ
Hickory Basin Recharge Improvement Project	\$ 3,877.00	J	7690.3 <sup>5</sup>	FY 2013/14	PROJ
RMPU Amendment (TO #1)	\$ 467,269.61	K	7690.15	FY 2015/16	PROJ
San Sevaine Recharge Improvement Project (TO #8)	\$ 58,683.31	L	7690.4	FY 2013/14	PROJ
San Sevaine Recharge Improvement Project (TO #8)	\$ 175,000.00	L	7690.4	FY 2014/15	PROJ
San Sevaine Recharge Improvement Project (TO #8)	\$ 1,126,900.00	L	7690.4	FY 2015/16	PROJ
CB20 Turnout Noise Abatement Project	\$ 859.80	M	7690.5 <sup>5</sup>	FY 2013/14	PROJ
GWR SCADA Upgrades (TO #4)	\$ 279,343.47	N	7690.61	FY 2014/15	PROJ
GWR SCADA Upgrades (TO #4)	\$ 38,675.00	N	7690.61	FY 2015/16	PROJ
Upper Santa Ana River HCP (TO #7)	\$ 32,836.88	O	7690.7	FY 2014/15	PROJ
Upper Santa Ana River HCP (TO #7)	\$ 5,000.00	O	7690.7	FY 2015/16	PROJ
Lower Day Basin RMPU (TO #2)	\$ 2,699.03	P	7690.8	FY 2014/15	PROJ
<b>Total Balance, June 30, 2016</b>	<b>\$ 2,630,337.45</b>				

"Carried Over" Balance, July 1, 2016

\$ 2,630,337.45

Less: (Invoices Received To Date FY 2016/17)

Printing - Annual Report	\$ (5,000.00)	A	6045	FY 2015/16	ADM
Rauch Communication Consultants - Annual Report	\$ (4,951.50)	B	6061.3	FY 2015/16	ADM
Hydraulic Control Engineering - PBHSP	\$ (12,072.00)	D	7108.31 <sup>1</sup>	FY 2015/16	ENG
PE4 - Engineering Services	\$ (7,000.00)	F	7402 <sup>3</sup>	FY 2015/16	ENG
PE4 - Northwest MZ-1 Area Project	\$ (63,042.62)	G	7402.1 <sup>4</sup>	FY 2015/16	ENG
<b>Updated Balance as of September 30, 2016</b>	<b>\$ 2,538,271.33</b>				

<sup>1</sup> Preparation of a vegetation monitoring database in HydroDaVE pursuant to the Adaptive Management Plan for the PBHSP

<sup>2</sup> Preparation of the Final PBHSP Adaptive Management Plan and the 2016 PBHSP Annual Report

<sup>3</sup> Finalization of the 2015 Annual Report of the Ground-Level Monitoring Committee

<sup>4</sup> Carryover budget for three separate subtasks to develop a Subsidence Management Plan for the Northwest MZ-1 Area

<sup>5</sup> Project completed and funds are available for reallocation to another project, distribution to Appropriate Pool, or maintain as extra funding

ANNUAL REPORTS:

Unspent funds of \$9,951.50 related to the ongoing Annual Reports for development, production, and printing from the Administrative budget from FY 2015/16 from two accounts were "Carried Over" into the current FY 2016/17 budget. These funds were from the Printing-Annual Report [A] in the amount of \$5,000 in account (6045); and Rauch Communication Consultants-Annual Report [B] in the amount of \$4,951.50 in account (6061.3).

CHINO HILLS ASR:

The ongoing Chino Hills ASR Project [C] continues into FY 2016/17 and previous years funding of \$29,285.99 has been carried over into account (7107.62).

ENGINEERING SERVICES:

Unspent funds related to ongoing projects and associated activities from the Engineering Services budget from FY 2015/16 in several accounts totaling \$326,577 were "Carried Over" into the current FY 2016/17 budget. These funds were from the Hydraulic Control Monitoring-Engineering-PBHSP [D] in the amount of \$12,072 in account (7108.31); Hydraulic Control Monitoring-Adaptive Management Plan [E] in the amount of \$50,000 in account (7108.32); PE4-Engineering Services [F] in the amount of \$7,000 in account (7402); and PE4-Northwest MZ-1 Area Project [G] in the amount of \$257,505 in account (7402.10).

#### COMPLETED PROJECTS WITH FUNDING AVAILABLE:

Several projects were completed during FY 2014/15 and have remaining funds available to be either (1) transferred to other project(s) that need additional funding, (2) keep amounts on reserve for future Capital Improvement Projects, or (3) refunded back to the Appropriative Pool when the Assessment package is invoiced. The funding amounts available are as follows: Jurupa Pumping Station [H] in the amount of \$37,981.33 (account 7209.1); Wineville Basin Proof of Concept [I] in the amount of \$35,397.53 (account 7209.2); and Hickory Basin Recharge Improvement Project [J] in the amount of \$3,877.00 (account 7690.3). One project was completed during FY 2015/16 and has funds available. This project is the CB20 Turnout Noise Abatement Project [M] in the amount of \$859.80 (account 7690.5). The total amount available is \$78,115.66 ( $\$37,981.33 + \$35,397.53 + \$3,877.00 + \$859.80 = \$78,115.66$ ).

#### ONGOING RECHARGE IMPROVEMENT PROJECTS:

The RMPU Amendment-Task Order #1 [K] has a remaining budget from FY 2015/16 of \$467,269.61 in account (7690.15); the San Sevaine Recharge Improvement Project-Task Order #8 [L] has a remaining funded budget balance of \$1,360,583.31 in account (7690.4); the CB 20 Turnout project has a remaining funded budget balance of \$80,000 in account (7690.5); the GWR SCADA Upgrades-Task Order #4 [N] has a remaining funded budget balance of \$318,018.47 in account (7690.61); the Upper Santa Ana River HCP-Task Order #7 [O] has a remaining funded balance of \$37,836.88 in account (7690.7); and the Lower Day Basin RMPU-Task Order #2 [P] has a remaining funded budget balance of \$2,699.03 in account (7690.8). The total funded budget for these combined projects is \$1,609,700.

As invoices are received from the vendors and booked against these items listed above, the "Carried Over" balance will be reduced throughout the current fiscal year. At June 30, 2017, any remaining balances of the FY 2016/17 and prior years funding (if any), along with any new FY 2016/17 expenses, will then be "Carried Over" into the FY 2017/18 budget.

#### AUDIT FIELD WORK

##### FY 2015/16:

Auditors from the audit firm of Fedak & Brown, LLP were onsite at the Watermaster offices on March 28, 2016. This was the start of the interim field work for the period of July 1, 2015 through January 31, 2016. The final field work for the period of February 1, 2016 through June 30, 2016 was completed during August 16, 2016 and August 17, 2016. It is anticipated that the Annual Financial and Audit Reports will be presented to the Watermaster Board at the November 17, 2016 Board meeting. The Annual Financial and Audit Reports for FY 2015/16 are projected to be posted to the Watermaster website no later than December 23, 2016.

##### FY 2016/17:

The start of the interim field work for the period of July 1, 2016 through January 31, 2017 is planned for March 2017. The final field work for the period of February 1, 2017 through June 30, 2017 is planned for August 2017, with the Annual Financial and Audit Reports presented to the Watermaster Board at the November 16, 2017 Board meeting. The Annual Financial and Audit Reports for FY 2016/17 is anticipated to be posted to the Watermaster website no later than December 22, 2017.

## ASSESSMENT INVOICING

### CURRENT MONTH – SEPTEMBER 2016

The Assessment Year 2016-2017 Package (Production Year 2015-2016) is tentatively scheduled for presentation to the Pools at the November 10, 2016 meetings; and approval by the Advisory Committee and adoption by the Watermaster Board at the November 17, 2016 meetings.

No Assessment activity for the month to report.

## ATTACHMENTS

1. Financial Report - B5

CHINO BASIN WATERMASTER  
Budget vs. Actual  
Current Month, Year-To-Date and Fiscal Year-End

	1/12th (8.33%) of the Total Budget				3/12th (25.00%) of the Total Budget				100% of the Total Budget			
	For The Month of September 2016				Year-To-Date as of September 30, 2016				Fiscal Year End as of June 30, 2017			
	Actual	Budget	\$ Over(Under)	% of Budget	Actual	Budget	\$ Over(Under)	% of Budget	Projected	Budget	\$ Over(Under)	% of Budget
<b>Income</b>												
4010 · Local Agency Subsidies	0.00	0.00	0.00	0.0%	159,631.04	158,923.00	708.04	100.45%	158,923.00	158,923.00	0.00	100.0%
4110 · Admin Asmnts-Approp Pool	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	10,002,660.00	10,002,660.00	0.00	100.0%
4120 · Admin Asmnts-Non-Agri Pool	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	311,996.00	311,996.00	0.00	100.0%
4700 · Non Operating Revenues	9,726.69	2,984.00	6,742.69	325.96%	9,726.69	2,984.00	6,742.69	325.96%	33,500.00	19,890.00	13,610.00	168.43%
4900 · Miscellaneous Income	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
<b>Total Income</b>	9,726.69	2,984.00	6,742.69	325.96%	169,357.73	161,907.00	7,450.73	104.6%	10,507,079.00	10,493,469.00	13,610.00	100.13%
<b>Gross Profit</b>	9,726.69	2,984.00	6,742.69	325.96%	169,357.73	161,907.00	7,450.73	104.6%	10,507,079.00	10,493,469.00	13,610.00	100.13%
<b>Expense</b>												
6010 · Admin. Salary/Benefit Costs	82,694.98	83,038.00	-343.02	99.59%	245,823.03	246,476.00	-652.97	99.74%	971,056.00	971,056.00	0.00	100.0%
6020 · Office Building Expense	7,958.78	9,300.00	-1,341.22	85.58%	24,600.57	27,882.00	-3,281.43	88.23%	111,356.00	111,356.00	0.00	100.0%
6030 · Office Supplies & Equip.	1,804.12	2,920.00	-1,115.88	61.79%	5,631.44	7,760.00	-2,128.56	72.57%	30,040.00	30,040.00	0.00	100.0%
6040 · Postage & Printing Costs	3,722.83	3,786.00	-63.17	98.33%	16,427.96	20,563.00	-4,135.04	79.89%	61,852.00	61,852.00	0.00	100.0%
6050 · Information Services	9,070.07	12,841.00	-3,770.93	70.63%	31,938.62	36,273.00	-4,334.38	88.05%	141,092.00	141,092.00	0.00	100.0%
6060 · Contract Services	7,706.24	3,000.00	4,706.24	256.88%	12,434.99	16,951.50	-4,516.51	73.36%	30,951.50	30,951.50	0.00	100.0%
6070 · Watermaster Legal Services	21,957.04	20,811.00	1,146.04	105.51%	97,182.68	62,425.00	34,757.68	155.68%	200,713.00	200,713.00	0.00	100.0%
6080 · Insurance	0.00	0.00	0.00	0.0%	26,253.22	31,962.00	-5,708.78	82.14%	31,962.00	31,962.00	0.00	100.0%
6110 · Dues and Subscriptions	366.00	1,000.00	-634.00	36.6%	8,953.61	9,757.00	-803.39	91.77%	21,054.00	21,054.00	0.00	100.0%
6140 · WM Admin Expenses	307.39	250.00	57.39	122.96%	394.83	550.00	-155.17	71.79%	2,500.00	2,500.00	0.00	100.0%
6150 · Field Supplies	0.00	0.00	0.00	0.0%	99.34	150.00	-50.66	66.23%	1,450.00	1,450.00	0.00	100.0%
6170 · Travel & Transportation	1,155.76	1,955.00	-799.24	59.12%	3,659.68	6,330.00	-2,670.32	57.82%	24,870.00	24,870.00	0.00	100.0%
6190 · Training, Conferences, Seminars	1,300.00	3,050.00	-1,750.00	42.62%	5,163.59	9,150.00	-3,986.41	56.43%	36,600.00	36,600.00	0.00	100.0%
6200 · Advisory Comm - WM Board	1,870.27	3,739.00	-1,868.73	50.02%	9,242.65	11,224.00	-1,981.35	82.35%	42,819.00	42,819.00	0.00	100.0%
6300 · Watermaster Board Expenses	32,300.63	24,133.00	8,167.63	133.84%	52,271.63	50,074.00	2,197.63	104.39%	159,234.00	159,234.00	0.00	100.0%
8300 · Appr PI-WM & Pool Admin	16,781.92	9,485.00	7,296.92	176.93%	29,974.17	28,448.00	1,526.17	105.37%	110,765.00	110,765.00	0.00	100.0%
8400 · Agri Pool-WM & Pool Admin	4,137.86	5,180.00	-1,042.14	79.88%	11,296.50	15,539.00	-4,242.50	72.7%	59,176.00	59,176.00	0.00	100.0%
8467 · Ag Legal & Technical Services	32,042.50	17,083.00	14,959.50	187.57%	55,365.00	51,253.00	4,112.00	108.02%	205,000.00	205,000.00	0.00	100.0%
8470 · Ag Meeting Attend -Special	2,275.00	1,850.00	425.00	122.97%	5,675.00	5,550.00	125.00	102.25%	22,200.00	22,200.00	0.00	100.0%
8471 · Ag Pool Expense	0.00	16,250.00	-16,250.00	0.0%	0.00	16,250.00	-16,250.00	0.0%	65,000.00	65,000.00	0.00	100.0%
8485 · Ag Pool - Misc. Exp. - Ag Fund	545.98	400.00	145.98	136.5%	545.98	400.00	145.98	136.5%	400.00	400.00	0.00	100.0%
8500 · Non-Ag PI-WM & Pool Admin	6,090.39	9,165.00	-3,074.61	66.45%	17,735.80	27,496.00	-9,760.20	64.5%	107,152.00	107,152.00	0.00	100.0%
9400 · Depreciation Expense	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9500 · Allocated G&A Expenditures	-14,931.38	-31,542.00	16,610.62	47.34%	-46,618.93	-94,627.00	48,008.07	49.27%	-378,505.00	-378,505.00	0.00	100.0%
6900 · Optimum Basin Mgmt Plan	131,936.15	136,816.00	-4,879.85	96.43%	398,692.80	423,937.00	-25,244.20	94.05%	1,654,053.00	1,654,053.00	0.00	100.0%
6950 · Mutual Agency Projects	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9501 · G&A Expenses Allocated-OBMP	2,735.61	6,122.00	-3,386.39	44.69%	6,783.59	18,368.00	-11,584.41	36.93%	73,466.00	73,466.00	0.00	100.0%
7101 · Production Monitoring	6,996.85	6,847.00	149.85	102.19%	16,317.58	20,538.00	-4,220.42	79.45%	81,372.00	81,372.00	0.00	100.0%
7102 · In-line Meter Installation	0.00	5,617.00	-5,617.00	0.0%	764.23	16,852.00	-16,087.77	4.54%	67,264.00	67,264.00	0.00	100.0%
7103 · Grdwtr Quality Monitoring	25,442.74	29,465.00	-4,022.26	86.35%	94,342.32	98,408.00	-4,065.68	95.87%	262,397.00	262,397.00	0.00	100.0%
7104 · Gdwtr Level Monitoring	12,670.10	21,582.00	-8,911.90	58.71%	55,574.25	64,749.00	-9,174.75	85.83%	258,416.00	258,416.00	0.00	100.0%
7105 · Sur Wtr Qual Monitoring	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
7107 · Ground Level Monitoring	1,498.50	34,270.00	-32,771.50	4.37%	38,254.58	89,592.99	-51,338.41	42.7%	270,522.99	270,522.99	0.00	100.0%

	1/12th (8.33%) of the Total Budget				3/12th (25.00%) of the Total Budget				100% of the Total Budget			
	For The Month of September 2016				Year-To-Date as of September 30, 2016				Fiscal Year End as of June 30, 2017			
	Actual	Budget	\$ Over(Under)	% of Budget	Actual	Budget	\$ Over(Under)	% of Budget	Projected	Budget	\$ Over(Under)	% of Budget
7108 · Hydraulic Control Monitoring	80,113.55	40,249.00	39,864.55	199.05%	130,986.54	182,821.00	-51,834.46	71.65%	544,931.00	544,931.00	0.00	100.0%
7109 · Recharge & Well Monitoring Prog	0.00	1,943.00	-1,943.00	0.0%	2,171.10	5,831.00	-3,659.90	37.23%	23,318.00	23,318.00	0.00	100.0%
7200 · PE2- Comp Recharge Pgm	253,510.31	262,948.00	-9,437.69	96.41%	531,250.63	618,480.86	-87,230.23	85.9%	1,277,384.86	1,277,384.86	0.00	100.0%
7300 · PE3&5-Water Supply/Desalte	0.00	2,684.00	-2,684.00	0.0%	0.00	8,056.00	-8,056.00	0.0%	31,972.00	31,972.00	0.00	100.0%
7400 · PE4- Mgmt Plan	46,267.19	21,490.00	24,777.19	215.3%	109,755.26	328,971.00	-219,215.74	33.36%	522,241.00	522,241.00	0.00	100.0%
7500 · PE6&7-CoopEfforts/SaltMgmt	1,274.00	4,422.00	-3,148.00	28.81%	2,679.20	13,265.00	-10,585.80	20.2%	52,912.00	52,912.00	0.00	100.0%
7600 · PE8&9-StorageMgmt/Conj Use	5,374.22	9,504.00	-4,129.78	56.55%	6,953.44	28,510.00	-21,556.56	24.39%	113,336.00	113,336.00	0.00	100.0%
7690 · Recharge Improvement Debt Pymt	0.00	495,200.00	-495,200.00	0.0%	465,200.00	3,265,544.10	-2,800,344.10	14.25%	5,525,944.10	5,525,944.10	0.00	100.0%
7700 · Inactive Well Protection Prgm	0.00	42.00	-42.00	0.0%	0.00	122.00	-122.00	0.0%	500.00	500.00	0.00	100.0%
9502 · G&A Expenses Allocated-Projects	12,195.77	25,420.00	-13,224.23	47.98%	39,835.34	76,259.00	-36,423.66	52.24%	305,039.00	305,039.00	0.00	100.0%
<b>Total Expense</b>	<b>799,171.37</b>	<b>1,302,315.00</b>	<b>-503,143.63</b>	<b>61.37%</b>	<b>2,513,612.22</b>	<b>5,848,141.45</b>	<b>-3,334,529.23</b>	<b>42.98%</b>	<b>13,123,806.45</b>	<b>13,123,806.45</b>	<b>0.00</b>	<b>100.0%</b>
<b>Net Ordinary Income</b>	<b>-789,444.68</b>	<b>-1,299,331.00</b>	<b>509,886.32</b>	<b>60.76%</b>	<b>-2,344,254.49</b>	<b>-5,686,234.45</b>	<b>3,341,979.96</b>	<b>41.23%</b>	<b>-2,616,727.45</b>	<b>-2,630,337.45</b>	<b>13,610.00</b>	<b>99.48%</b>
<b>Other Income</b>												
4210 · Approp Pool-Replenishment	0.00	0.00	0.00	0.0%	80,950.62	0.00	80,950.62	100.0%	0.00	0.00	0.00	0.0%
4220 · Non-Ag Pool-Replenishment	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
4225 · Interest Income	3,467.53	0.00	3,467.53	100.0%	3,467.53	0.00	3,467.53	100.0%	12,500.00	0.00	12,500.00	100.0%
4226 · LAIF Fair Market Value	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
6600 · Groundwater Sales	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
<b>Total Other Income</b>	<b>3,467.53</b>	<b>0.00</b>	<b>3,467.53</b>	<b>100.0%</b>	<b>84,418.15</b>	<b>0.00</b>	<b>84,418.15</b>	<b>100.0%</b>	<b>12,500.00</b>	<b>0.00</b>	<b>12,500.00</b>	<b>100.0%</b>
<b>Other Expense</b>												
5010 · Groundwater Replenishment	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
5100 · Other Water Purchases	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9200 · Interest Expense	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9251 · Other Post Employment Benefits	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9996 · Refund-Excess Reserves-Approp.	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9997 · Refund-Excess Reserves-NonAg	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9998 · Refund-Recharge Debt-Approp.	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9999 · To/(From) Reserves	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
<b>Total Other Expense</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>
<b>Net Other Income</b>	<b>3,467.53</b>	<b>0.00</b>	<b>3,467.53</b>	<b>100.0%</b>	<b>84,418.15</b>	<b>0.00</b>	<b>84,418.15</b>	<b>100.0%</b>	<b>12,500.00</b>	<b>0.00</b>	<b>12,500.00</b>	<b>100.0%</b>
<b>Net Income</b>	<b>-785,977.15</b>	<b>-1,299,331.00</b>	<b>513,353.85</b>	<b>60.49%</b>	<b>-2,259,836.34</b>	<b>-5,686,234.45</b>	<b>3,426,398.11</b>	<b>39.74%</b>	<b>-2,604,227.45</b>	<b>-2,630,337.45</b>	<b>26,110.00</b>	<b>99.01%</b>

Note: Please see the staff report (Financial Report-B5) for additional detailed information on the account categories.

# **CHINO BASIN WATERMASTER**

## **I. CONSENT CALENDAR**

### **C. ANNUAL FINDING OF SUBSTANTIAL COMPLIANCE WITH THE RECHARGE MASTER PLAN**



# CHINO BASIN WATERMASTER

9641 San Bernardino Road, Rancho Cucamonga, Ca 91730  
Tel: 909.484.3888 Fax: 909.484.3890 www.cbwm.org

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: November 17, 2016  
TO: Advisory Committee and Board Members  
SUBJECT: Annual Finding of Substantial Compliance with the Recharge Master Plan  
(Consent Calendar Item I.C.)

### SUMMARY

Issue: The Finding is required on an annual basis according to Section 8.3 of the Peace II Agreement

Recommendation:

Advisory Committee – Recommend to the Watermaster Board to adopt the finding that Watermaster is in substantial compliance with the Recharge Master Plan.

Watermaster Board – Adopt the finding that Watermaster is in substantial compliance with the Recharge Master Plan.

Financial Impact: There is no financial impact associated with this action.

Future Consideration

Advisory Committee – November 17, 2016: Recommendation to the Watermaster Board

Watermaster Board – November 17 2016: Adopt the Finding of Compliance [Discretionary Function]

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ACTIONS:

November 10, 2016 – Appropriative Pool: Unanimously recommend Advisory Committee recommendation.

November 10, 2016 – Non-Agricultural Pool: Unanimously recommend Advisory Committee recommendation, and direct the Pool representatives to support at the Advisory Committee and Board meetings, subject to any changes they deem appropriate.

November 10, 2016 – Agricultural Pool: Unanimously recommend Advisory Committee recommendation.

November 17, 2016 – Advisory Committee:

November 17, 2016 – Watermaster Board:

## BACKGROUND

During the period of 2008-2010, Watermaster, in collaboration with the Inland Empire Utilities Agency (IEUA) and Chino Basin Water Conservation District (CBWCD), completed the 2010 Recharge Master Plan Update (RMPU). The RMPU was submitted to the Court in June 2010, and the Court subsequently approved the 2010 RMPU in October 2010. Watermaster has completed the amendment of the 2010 RMPU, pursuant to the Court's order, which the Board adopted in September 2013. The 2013 RMPU Amendment includes a Funding and Implementation Plan for the further recharge projects recommended for construction.

Pursuant to Section 8.3 of the Peace II Agreement, Watermaster is obligated to make an annual finding that it is in substantial compliance with the Recharge Master Plan, as it is revised. This requirement exists to ameliorate any long-term risk attributable to reliance upon un-replenished groundwater production by the Desalters, and is a condition on the annual availability of any portion of the 400,000 acre-feet set aside as controlled overdraft. Wildermuth Environmental, Inc. (WEI) has prepared the attached opinion regarding the adequacy of replenishment capacity, which includes the information that Watermaster needs to make this finding for Fiscal Year 2016-2017.

## DISCUSSION

WEI's analysis finds that current projections indicate that Watermaster has sufficient recharge capacity to meet the future replenishment obligations identified in the 2010 RMPU. Current analysis indicates that if re-operation were terminated at any time through 2030, Watermaster would be able to immediately increase its replenishment activity and replenish any overproduction in the Basin as required by the Judgment.

## ATTACHMENTS

1. Annual Finding of Substantial Compliance – Fiscal Year 2016/17 (10/31/16 WEI Letter to CBWM)



October 31, 2016

Chino Basin Watermaster  
Attention: Mr. Peter Kavounas, General Manager  
9641 San Bernardino Road  
Rancho Cucamonga, CA 91730

**Subject: *Annual Finding of Substantial Compliance – Fiscal 2016-17 (2017)***

Dear Mr. Kavounas:

At your direction and pursuant to the Peace II Agreement, Wildermuth Environmental, Inc. (WEI) has prepared this opinion regarding the adequacy of replenishment capacity in the Chino Basin.

In part, Section 7.3 of the Peace II Agreement reads:

“Re-Operation and Watermaster’s apportionment of controlled overdraft will not be suspended in the event that Hydraulic Control is achieved in any year *before* the full 400,000 acre-feet has been produced so long as: [...] Watermaster is in substantial compliance with a Court approved Recharge Master Plan as set forth in Paragraph 8.1 below.”

Review of Section 8.1 of the Peace II Agreement clearly indicates that this compliance relates to the implementation of plans to ensure that Watermaster has enough supplemental water recharge capacity to meet its replenishment obligation after the re-operation water is completely exhausted. Section 8.3 of the Peace II Agreement states:

“To ameliorate any long-term risks attributable to reliance upon un-replenished groundwater production by the Desalters, the annual availability of any portion of the 400,000 acre-feet set aside as controlled overdraft as a component of the Physical Solution, is expressly subject to Watermaster making an annual finding about whether it is in substantial compliance with the revised Watermaster Recharge Master Plan pursuant to Paragraphs 7.3 and 8.1 above.”

Pursuant to the Peace II Agreement, Watermaster is obligated, following the completion of the 2010 Recharge Master Plan Update (RMPU), to make an annual finding that there is enough supplemental water recharge capacity to meet its replenishment obligations. This letter report includes the information required by Watermaster to make this finding for fiscal 2016.

During the period of 2008-2010, Watermaster, in collaboration with the Inland Empire Utilities Agency (IEUA) and Chino Basin Water Conservation District (CBWCD), completed the 2010 RMPU, which was submitted to

the Court in June 2010. The Court subsequently approved the 2010 RMPU in October 2010. Section 7.4 of the 2010 RMPU Final Report concludes:

“No new recharge facilities will be required to meet Watermaster’s replenishment obligations through the planning period [...]”

Watermaster and the IEUA recently completed the 2013 Amendment to the 2010 Recharge Master Plan Update (2013 RMPU) pursuant to the October 2010 Court Order. The table below shows the projected wet-water replenishment obligations developed in the Safe Yield reset process completed in 2015 and reported in Table 7-5 of the *2013 Chino Basin Groundwater Model Update and Recalculation of Safe Yield*<sup>1</sup> report, finalized in October 2015.

**Comparison of Projected Replenishment Obligations**  
 (AFY)

Fiscal Year	Wet-water Replenishment Projection from the October 2015 Chino Basin Groundwater Model Update and Recalculation of Safe Yield <sup>2</sup>
2015	0
2020	0
2025	3,400
2030	14,000
2035	31,800

The estimated supplemental water recharge capacity in the Chino Basin for fiscal year 2017 is listed in the table below along with prior estimates for fiscal years 2015 and 2016, as estimated in prior Findings of Substantial Compliance and as updated for fiscal year 2016.

**Supplemental Water Recharge Capacity Estimates by Fiscal Year**  
 (AFY)

Recharge Facility	2015 and 2016	2017 <sup>3</sup>
Spreading Basins	59,100	74,700
ASR Wells	5,600	5,600
In-Lieu	25,000 to 40,000	25,000 to 40,000
Total	89,700 to 104,700	105,300 to 120,300

Figure 1 shows the locations of spreading basins utilized by Watermaster and the IEUA for recharge in the Chino Basin. Table 1 lists the spreading basins available to Watermaster and their respective supplemental water recharge capacities. The spreading capacity of 74,700 AFY is substantially greater than reported in last

<sup>1</sup> The following links to the report: [http://www.cbwm.org/rep\\_engineering.htm](http://www.cbwm.org/rep_engineering.htm)

<sup>2</sup> See column 10 in Table 7-5 of “2013 Chino Basin Groundwater Model Update and Recalculation of Safe Yield” [http://www.cbwm.org/rep\\_engineering.htm](http://www.cbwm.org/rep_engineering.htm).

<sup>3</sup> Aggregate spreading basin recharge capacity revised since 2016, based on an update to the recharge rates provided by Andrew Campbell, IEUA Groundwater Recharge Coordinator, on October 27, 2016.

year's Annual Finding of Substantial Compliance. This increase in spreading capacity is attributed to IEUA field observations of recharge performance.

The Metropolitan Water District of Southern California (Metropolitan) provides imported water to the Chino Basin area through the IEUA. In its 2015 Integrated Regional Plan (IRP) Update,<sup>4</sup> Metropolitan indicated that it will have enough water to meet all the supplemental water requirements within its service area through 2040, provided that it and member agencies implement the programs described in the 2015 IRP Update. The Watermaster parties can also import non-State Water Project water into the Chino Basin area.

The supplemental water recharge capacity available to Watermaster is about seven times the projected replenishment obligation in 2030 and three times the projected replenishment obligation in 2035. Based on our knowledge of the conditions in fiscal year 2017 and future water management projections, Watermaster's ability to recharge the basin with supplemental water to mitigate future overproduction is sufficient to meet expected future replenishment obligations. If re-operation were discontinued at any time through 2030, Watermaster would be able to immediately increase its replenishment activity and maintain the hydrologic balance in the basin required by the Judgment.

Moreover, in November 2011, Watermaster committed to engage in a process to develop a preemptive replenishment program that would involve the acquisition and recharge of supplemental water in advance of incurring replenishment obligations and storing that water until future replenishment obligations occur. Preemptive replenishment is a complementary management tool that further enhances Watermaster's ability to meet its future replenishment requirements. In fiscal years 2011 and 2012, about 32,000 acre-ft of imported water was preemptively recharged. The IEUA has been recharging significant amounts of recycled water in the Chino Basin since 2006 and recharged about 13,200 acre-ft in fiscal 2016. And, the Peace II requirement to recharge 6,500 acre-ft/yr of supplemental water in Management Zone 1 regardless of a replenishment obligation is another example of preemptive replenishment that is currently active and will be so through 2030.

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Please contact Garrett Rapp or me if you have any questions or concerns regarding this opinion.

Very truly yours,

Wildermuth Environmental, Inc.



Mark Wildermuth, PE  
President



Garrett Rapp, PE  
Staff Engineer

Encl: Figure 1, Table 1

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<sup>4</sup> This report is located here: <http://mwdh2o.com/>

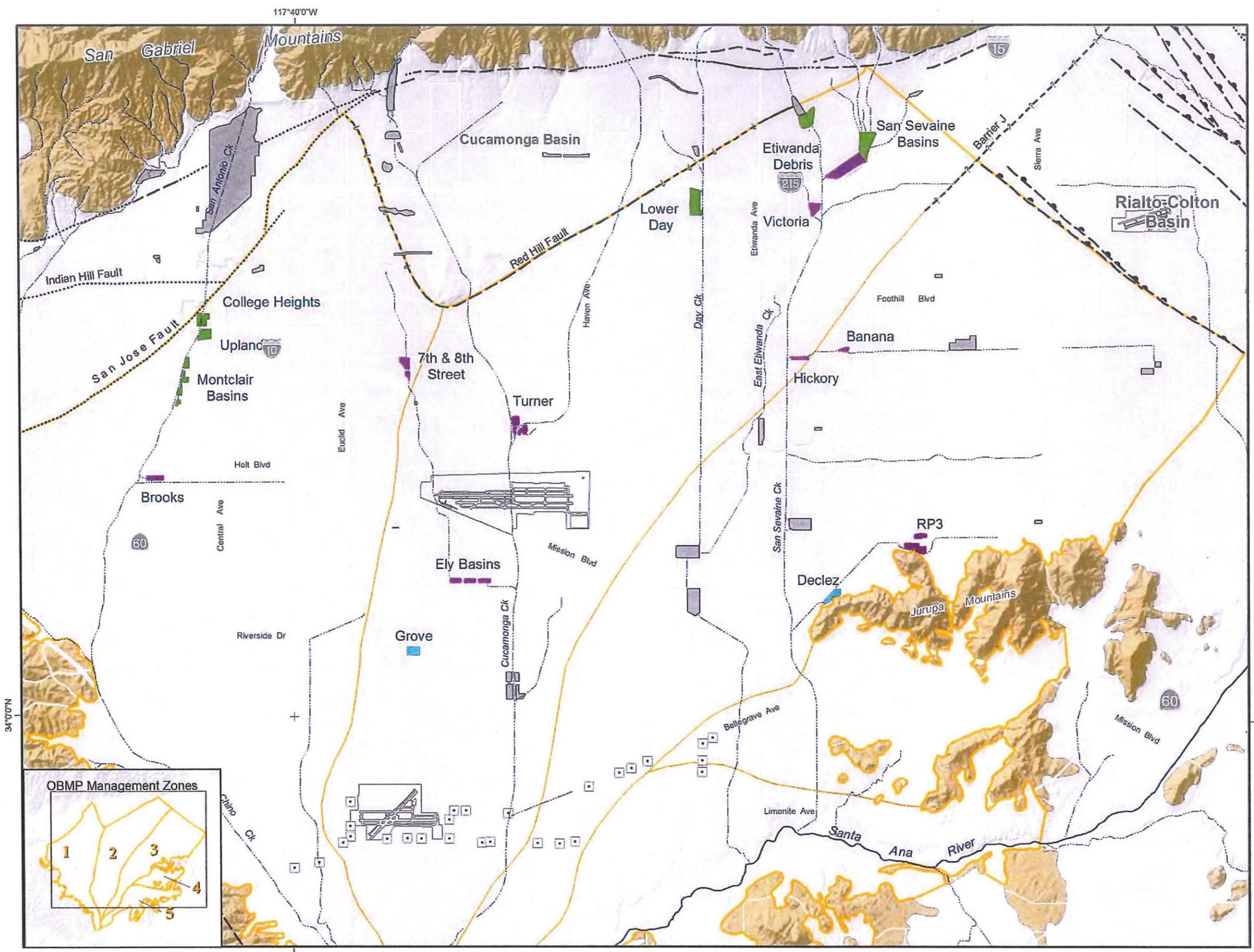
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**Table 1  
Supplemental Water Recharge Capacity Estimates at Spreading Basins**

(1) Spreading Basin	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	
	Supplemental Water Recharge																							
	Operational Availability for Supplemental Water Recharge												Average Recharge Rate <sup>1</sup>  (cfs)	Supplemental Water Recharge Capacity  (acre-ft/yr)	Imported Water Turn Out Capacity				Theoretical Maximum Supplemental Water Recharge Capacity					
	Quarter 3			Quarter 4			Quarter 1			Quarter 2					Turn Out Name	Max Discharge Rate  (cfs)	Useful Discharge Rate  (cfs)	Turnout Limited?	Annual	Q3	Q4	Q1	Q2	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec												(acre-ft/Qtr)
Brooks Street Basin	71%	71%	74%	80%	90%	93%	0%	0%	93%	87%	83%	77%	2.6	1,286					No	1,286	339	413	146	388
College Heights Basins	71%	71%	74%	80%	90%	93%	0%	0%	93%	87%	83%	77%	16.0	7,916					No	7,916	2,088	2,542	899	2,387
Montclair Basin 1	71%	71%	74%	80%	90%	93%	0%	0%	93%	87%	83%	77%												
Montclair Basin 2	71%	71%	74%	80%	90%	93%	0%	0%	93%	87%	83%	77%												
Montclair Basin 3	71%	71%	74%	80%	90%	93%	0%	0%	93%	87%	83%	77%	40.0	19,789	OC59	300	300		No	19,789	5,219	6,355	2,247	5,968
Montclair Basin 4	71%	71%	74%	80%	90%	93%	0%	0%	93%	87%	83%	77%												
Seventh and Eighth Street Basins	71%	71%	74%	80%	90%	93%	0%	0%	93%	87%	83%	77%	7.0	3,463	CB20	30	30		No	3,463	913	1,112	393	1,044
Upland Basin	71%	71%	74%	80%	90%	93%	0%	0%	93%	87%	83%	77%	10.0	4,947	OC59	80	80		No	4,947	1,305	1,589	562	1,492
<b>Subtotal Management Zone 1</b>														<b>37,401</b>					<b>37,401</b>	<b>9,864</b>	<b>12,010</b>	<b>4,247</b>	<b>11,280</b>	
Ely Basins	71%	71%	74%	80%	90%	93%	0%	0%	93%	87%	83%	77%	3.6	1,781	CB20	30	30		No	1,781	470	572	202	537
Etiwanda Debris Basin	71%	71%	74%	80%	90%	93%	0%	0%	93%	87%	83%	77%	3.9	1,929	CB14	30	30		No	1,929	509	620	219	582
Hickory Basin	71%	71%	74%	80%	90%	93%	0%	0%	93%	87%	83%	77%	3.6	1,781	CB18	30	30		No	1,781	470	572	202	537
Lower Day Basin	71%	71%	74%	80%	90%	93%	0%	0%	93%	87%	83%	77%	5.7	2,820	CB15	30	20		No	2,820	744	906	320	850
San Sevaine No. 1	71%	71%	74%	80%	90%	93%	0%	0%	93%	87%	83%	77%												
San Sevaine No. 2	71%	71%	74%	80%	90%	93%	0%	0%	93%	87%	83%	77%												
San Sevaine No. 3	71%	71%	74%	80%	90%	93%	0%	0%	93%	87%	83%	77%	23.8	11,774	CB13	30	23		Yes	11,379	3,001	3,654	1,292	3,432
San Sevaine Nos. 4 and 5	71%	71%	74%	80%	90%	93%	0%	0%	93%	87%	83%	77%												
Turner Basins Nos. 1 and 2	71%	71%	74%	80%	90%	93%	0%	0%	93%	87%	83%	77%	4.8	2,375	CB11	40	9		No	2,375	626	763	270	716
Turner Basins Nos. 3 and 4	71%	71%	74%	80%	90%	93%	0%	0%	93%	87%	83%	77%												
Victoria Basin	71%	71%	74%	80%	90%	93%	0%	0%	93%	87%	83%	77%	4.3	2,127	CB14	30	30		No	2,127	561	683	242	642
<b>Subtotal Management Zone 2</b>														<b>24,588</b>					<b>24,192</b>	<b>6,380</b>	<b>7,769</b>	<b>2,747</b>	<b>7,296</b>	
Banana Basin	71%	71%	74%	80%	90%	93%	0%	0%	93%	87%	83%	77%	1.9	940						940	248	302	107	283
Declez Basin	71%	71%	74%	80%	90%	93%	0%	0%	93%	87%	83%	77%	4.5	2,226	CB18	30	30		No	2,226	587	715	253	671
IEUA RP3 Ponds	71%	71%	74%	80%	90%	93%	0%	0%	93%	87%	83%	77%	20.0	9,895						9,895	2,610	3,177	1,124	2,984
<b>Subtotal Management Zone 3</b>														<b>13,061</b>					<b>13,061</b>	<b>3,445</b>	<b>4,194</b>	<b>1,483</b>	<b>3,939</b>	
<b>Total</b>														<b>75,050</b>					<b>74,654</b>	<b>19,689</b>	<b>23,973</b>	<b>8,477</b>	<b>22,515</b>	

<sup>1</sup> Based on a information provided by Andrew Campbell of IEUA on November 5, 2014 and October 27, 2016.

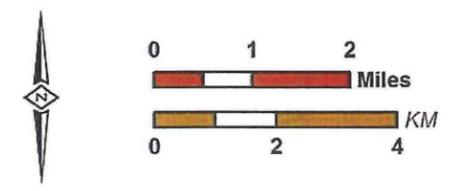




- Spreading Basins in the Chino Basin  
Recycled Water Groundwater Recharge Program
- Storm, Imported and Recycled Water
  - Storm and Imported Water
  - Stormwater
  - Retention Basins and Spreading Basins not in the Chino Basin Recycled Water Recharge Program. Incidental Stormwater Recharge Only.
  - Chino Basin Desalter Well
  - Streams & Flood Control Channels



Author: LBB  
Date: 20161028  
File: Figure\_1\_RechargeBasins\_2016



Fiscal Year 2016-17 (2017)  
Annual Finding of Substantial Compliance

Locations of Spreading Basins in the Chino Basin

# **CHINO BASIN WATERMASTER**

## **I. CONSENT CALENDAR**

### **D. CHINO BASIN WATERMASTER 38<sup>th</sup> ANNUAL REPORT**



# CHINO BASIN WATERMASTER

9641 San Bernardino Road, Rancho Cucamonga, Ca 91730  
Tel: 909.484.3888 Fax: 909.484.3890 www.cbwm.org

PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: November 17, 2016  
TO: Advisory Committee and Board Members  
SUBJECT: Chino Basin Watermaster 38th Annual Report (Consent Calendar Item I.D.)

### SUMMARY

Issue: Watermaster is required annually to file an Annual Report with the Court. The 38<sup>th</sup> Annual Report (Fiscal Year 2014-15) has been drafted.

Recommendation:

Advisory Committee – Recommend to the Watermaster Board to adopt the 38<sup>th</sup> Annual Report, along with filing a copy with the Court, subject to any necessary non-substantive changes.

Watermaster Board – Adopt the 38<sup>th</sup> Annual Report, and direct Legal Counsel to file a copy with the Court, subject to any necessary non-substantive changes.

Financial Impact: The costs of preparing the Annual Report and filing it with the Court are included in the Watermaster budget as a cost of compliance with the Restated Judgment.

Future Consideration

**Advisory Committee – November 17, 2016:** Recommend to the Watermaster Board to adopt the 38<sup>th</sup> Annual Report, along with filing a copy with the Court, subject to any necessary non-substantive changes.

**Watermaster Board – November 17, 2016:** Adopt the 38<sup>th</sup> Annual Report, and direct Legal Counsel to file a copy with the Court, subject to any necessary non-substantive changes. [Discretionary Function]

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ACTIONS:

**November 10, 2016 – Appropriative Pool:** Unanimously voted to recommend that the Advisory Committee recommend to the Watermaster Board to adopt the 38<sup>th</sup> Annual Report, along with filing a copy with the Court, subject to any necessary non-substantive changes.

**November 10, 2016 – Non-Agricultural Pool:** Unanimously voted to recommend that the Advisory Committee recommend to the Watermaster Board to adopt the 38<sup>th</sup> Annual Report, along with filing a copy with the Court, subject to any necessary non-substantive changes; and to direct the Pool representatives to support at the Advisory Committee and Watermaster Board meetings subject to changes which they deem appropriate.

**November 10, 2016 – Agricultural Pool:** Unanimously voted to recommend that the Advisory Committee recommend to the Watermaster Board to adopt the 38<sup>th</sup> Annual Report, along with filing a copy with the Court, subject to any necessary non-substantive changes.

**November 17, 2016 – Advisory Committee:**

**November 17, 2016 – Watermaster Board:**

## BACKGROUND

Paragraph 48 of the Restated Judgment requires that Watermaster file an Annual Report with the Court each year. The Restated Judgment states that the Report shall apply to the preceding fiscal years' operation, contain details as to operation of the Pools, contain a certified audit of assessments and expenditures pursuant to this Physical Solution, and review Watermaster activity.

## DISCUSSION

The 38<sup>th</sup> Annual Report covering fiscal year 2014-15 has been drafted. The report summarizes Watermaster's activities during the fiscal year, and includes the Assessment Package and the annual audit. Once adopted by the Board, the Annual Report will be filed with the Court.

## ATTACHMENTS

1. Final Draft of the CBWM 38<sup>th</sup> Annual Report

Click on the link below to access:

[http://www.cbwm.org/FTP/FY%20201415%20Annual%20Report%20\(DRAFT\)/DRAFT%20CBWM%2038th%20Annual%20Report%20\(Fiscal%20Year%202014-15\).pdf](http://www.cbwm.org/FTP/FY%20201415%20Annual%20Report%20(DRAFT)/DRAFT%20CBWM%2038th%20Annual%20Report%20(Fiscal%20Year%202014-15).pdf)

# **CHINO BASIN WATERMASTER**

## **II. BUSINESS ITEMS**

### **A. USE OF SB 222 FUNDS IN FISCAL YEAR 2016/17**



# CHINO BASIN WATERMASTER

9641 San Bernardino Road, Rancho Cucamonga, Ca 91730  
Tel: 909.484.3888 Fax: 909.484.3890 www.cbwm.org

PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: November 17, 2016  
TO: Advisory Committee and Board Members  
SUBJECT: Use of SB 222 Funds in FY 2016/17 (Business Item II.A.)

### SUMMARY

Issue: Chino Basin Watermaster currently has available cash reserves of \$158,251 from the SB 222 Funds that are not being productively used.

Recommendation:

Advisory Committee – Provide direction to staff to use the SB 222 Funds of \$158,251 to pay for studies and investigations that aid in implementing the OBMP, and find that the proposed use is consistent with the original intent of the legislation.

Watermaster Board – Provide direction to staff to use the SB 222 Funds of \$158,251 to pay for studies and investigations that aid in implementing the OBMP, and find that the proposed use is consistent with the original intent of the legislation.

Financial Impact: Allocation of the \$158,251 towards the FY 2016/17 Assessment invoicing would reduce the overall bank cash balance by \$158,251 to pay for studies and investigations that aid in implementing the OBMP.

Future Consideration

**Advisory Committee – November 17, 2016:** Direction to staff

**Watermaster Board – November 17, 2016:** Direction to staff [Upon Advisory Committee recommendation]

ACTIONS:

**Appropriative Pool – November 10, 2016:** Unanimously approved motion to recommend that the Advisory Committee direct staff to use the SB 222 Funds of \$158,251 to pay for studies and investigations that aid in implementing the OBMP, and find that the proposed use is consistent with the original intent of the legislation.

**Non-Agricultural Pool – November 10, 2016:** Unanimously approved motion to recommend that the Advisory Committee direct staff to use the SB 222 Funds of \$158,251 to pay for studies and investigations that aid in implementing the OBMP, and find that the proposed use is consistent with the original intent of the legislation; and direct the Pool representatives to support at Advisory Committee and Watermaster Board meetings subject to any changes they deem appropriate.

**Agricultural Pool – November 10, 2016:** Unanimously approved motion to recommend that the Advisory Committee direct staff to use the SB 222 Funds of \$158,251 to pay for studies and investigations that aid in implementing the OBMP, and find that the proposed use is consistent with the original intent of the legislation.

**Advisory Committee – November 17, 2016:**

**Watermaster Board – November 17, 2016:**

## BACKGROUND

The stipulated Judgment in the adjudication of the Chino Groundwater Basin resulted from studies and discussions that began in the early 1970's and continued for several years. The initial action to formalize the producers' intentions was the passage in 1974 of a "Memorandum of Agreement on the Chino Basin Plan." In January 1975, Senator Ruben S. Ayala introduced Senate Bill 222 (SB 222) in the California Legislature. This bill authorized a production assessment levy of \$2.00 per acre-foot per year for a period of three years. The assessment levy was issued by Chino Basin Municipal Water District (CBMWD). The funds were utilized in financing the essential studies and negotiations to implement a water management program for the Chino Groundwater Basin. SB 222 was chaptered as a part of the Municipal Water District Law at Section 72140 of the California Water Code. SB 222 was approved by Governor Ronald Reagan and filed with the Secretary of State on June 28, 1975. The \$2.00 assessment ended with fiscal year 1976/77.

The Chino Basin Watermaster was established under a Judgment entered in the Superior Court of the State of California for the County of San Bernardino, entitled "Chino Basin Municipal Water District v. City of Chino et al," (originally Case No. SCV 164327, file transferred August 1989, by order of the Court and assigned new Case No. RCV 51010). The Honorable Judge Howard B. Wiener signed the Judgment on January 27, 1978. The effective date of this Judgment for accounting and operations was July 1, 1977, and Chino Basin Municipal Water District was assigned the role of Watermaster. On February 15, 1978 the SB 222 Fund balance in the amount of \$405,612.

The Chino Basin Watermaster audited financial statements as of June 30, 1978 shows the SB 222 Fund balance at \$405,612. Chino Basin Watermaster purchased replenishment water during the following year and the Watermaster audited financial statements as of June 30, 1979 shows the balance of the SB 222 Fund balance at \$261,620. Over the next eighteen years, Watermaster purchased replenishment water and paid authorized OBMP related expenses from the SB 222 Fund and the Watermaster audited financial statements as of June 30, 1997 shows the balance of the SB 222 Funds at \$157,659.

The nine-member Watermaster Board was established on September 28, 2000 and functions were transferred from Chino Basin Municipal Water District to the nine-member Watermaster Board. From June 30, 2001 to current, the Watermaster audited financial statements shows the SB 222 Fund balance at \$158,251.

## DISCUSSION

After a series of internal discussions, Watermaster staff began actively researching appropriate and beneficial uses of the funds for all stakeholders in the Basin. Authorized uses for SB 222 production assessments are found in Water Code section 72141, and include:

- (a) To purchase supplemental water to be used in the aid of studies and investigations authorized under section (b), provided that the total expenditures for such purpose may not exceed \$400,000;
- (b) To pay costs and expenses of studies and investigations, including systems analysis, to develop a management plan for the Chino Basin, including investigations incident to actions and proceedings authorized under subdivision (c);
- (c) To pay costs and expenses of actions and proceedings authorized by the primary district (CBMWD) under Sections 71751 and 71757 and related to the development and implementation of such water management plan for the Chino Basin;

- (d) To pay costs and expenses incurred for the administration of this chapter, including Advisory Committee expenses, and to pay or reimburse costs of the Chino Basin [municipal water] districts incurred for the administration of this chapter.

Based on our review, Watermaster staff believes provisions (c) and (d) above are no longer applicable. Provision (c) refers to sections of the Municipal Water District Act of 1911 that have been repealed, and that allowed districts to bring lawsuits involving or affecting water rights or to commence and maintain water rights adjudications to determine the water rights of the district. As the Chino Basin has been adjudicated, with a Judgment entered in 1978, this provision is now inapplicable. In regard to provision (d), as assessments pursuant to this legislation have ceased (pursuant to Water Code section 72146, the ability to assess under the chapter terminated after 1976-77 production year), provision (d) is also no longer applicable.

Accordingly, the most appropriate and beneficial way to use the SB 222 funds is under (b), to pay for studies and investigations that aid in implementing the OBMP. Pursuant to Water Code section 72144.2, the Advisory Committee, as it was construed at the time of the legislation, was to review all proposed studies, programs, and expenditures of proceeds of production assessments, and must advise and consult with the Board (defined as the Board of CBMWD) in the administration of the chapter. On this basis, Watermaster staff believe it prudent for any proposed expenditure of the funds to go through the Watermaster Pool Committees/Advisory/Board process, with Advisory Committee direction, and, since the Watermaster Board is a successor in interest to the Chino Basin Municipal Water District (now known as Inland Empire Utilities Agency) Board in the role of Watermaster, that Inland Empire Utilities Agency (IEUA) also concur in the expenditure, in order to eliminate any doubt as to compliance with the legislation.

A letter was sent to Mr. Grindstaff, General Manager of IEUA, on June 22, 2016 requesting concurrence with Watermaster's proposed use of SB 222 funds for studies and investigations that aid in implementing the OBMP.

On September 6, 2016 Watermaster received a letter dated August 31, 2016 from Mr. Grindstaff that stated "The Inland Empire Utilities Agency (IEUA) agrees with your review and interpretation of the appropriate use for the remaining funds, and specifically, support that the funds be used to pay for studies and investigations that aid in the implementing the OBMP." (ATTACHMENT 1)

Watermaster staff therefore recommends that the balance of the SB 222 funds in the amount of \$158,251 be allocated to fund studies and investigations that aid in implementing the OBMP. Allocation of the funds for this use is consistent with the original purpose of the assessment pursuant to the Chino Basin Production Assessment Law.

#### ATTACHMENTS

1. Letter from Inland Empire Utilities Agency (IEUA) dated August 31, 2016
2. Chino Basin Watermaster Assessment Calculation Fiscal Year 2016/17
3. Pool 3 Assessment Fee Summary for Assessment Year 2016-2017
4. Pool 2 Assessment Fee Summary for Assessment Year 2016-2017

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6075 Kimball Avenue • Chino, CA 91708  
P.O. Box 9020 • Chino Hills, CA 91709  
TEL (909) 993-1600 • FAX (909) 993-1985  
www.ieua.org



August 31, 2016

Peter Kavounas  
General Manager  
Chino Basin Watermaster  
9641 San Bernardino Road  
Rancho Cucamonga, CA 91730

RE: Proposed Use of SB222 Funds

Dear Mr. Kavounas,

We have received your letter dated June 22, 2016, regarding Watermaster's proposed use of SB 222 funds. We appreciate the background provided and the opportunity to provide input as to Watermaster's proposed use of the remaining \$158,251. The Inland Empire Utilities Agency (IEUA) agrees with your review and interpretation of the appropriate use for the remaining funds, and specifically, supports that the funds be used "to pay for studies and investigations that aid in implementing the OBMP."

Sincerely,  
Inland Empire Utilities Agency

P. Joseph Grindstaff  
General Manager

*Water Smart – Thinking in Terms of Tomorrow*

Terry Catlin  
President

Michael E. Camacho  
Vice President

Steven J. Elie  
Secretary/Treasurer

Jasmin A. Hall  
Director

Paul Hofer  
Director

P. Joseph Grindstaff  
General Manager

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**CHINO BASIN WATERMASTER  
ASSESSMENT CALCULATION  
FISCAL YEAR 2016/17  
INCLUDES "10% ADMINISTRATIVE AND 15% OBMP/PROJECT OPERATING RESERVES"**

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	FY 2015/16 BUDGET	FY 2016/17 BUDGET	ASSESSMENT	APPROPRIATIVE POOL		AGRICULTURAL POOL		NON-AG POOL	
<b>PRODUCTION BASIS</b>									
2014/15 Production & Exchanges in Acre-Feet (Actuals)			116,961,798	84,107,515	71.910%	28,520,530	24.384%	4,333,753	3.705%
2015/16 Production & Exchanges in Acre-Feet (Actuals)			119,475,939	89,906,000	75.250%	26,167,031	21.902%	3,402,908	2.848%
<b>BUDGET</b>				<b>General Administration</b>	<b>OBMP</b>	<b>General Administration</b>	<b>OBMP</b>	<b>General Administration</b>	<b>OBMP</b>
Administration, Advisory Committee & Watermaster Board <sup>1</sup>	\$1,891,019	\$1,938,787	\$1,938,787	\$1,458,943	3,845,202	\$424,624	1,119,141	\$55,220	145,539
OBMP & Implementation Projects <sup>2</sup>	5,019,087	5,109,883	5,109,883						
General Admin & OBMP Assessments	\$6,910,106	\$7,048,670	7,048,670	1,458,943	3,845,202	424,624	1,119,141	55,220	145,539
<b>TOTAL BUDGET</b>			7,048,670	1,458,943	3,845,202	424,624	1,119,141	55,220	145,539
Less: Budgeted Interest Income	(22,050)	(19,891)	(19,891)		(14,968)		(4,356)		(567)
Less: Contributions from Outside Agencies	(157,941)	(158,923)	(158,923)		(119,590)		(34,807)		(4,526)
<b>Subtotal: CASH DEMAND</b>	6,730,116	6,869,856	6,869,856	1,458,943	3,710,644	424,624	1,079,978	55,220	140,446
Less: SB 222 FUND USE <sup>3</sup>	0	(158,251)	(158,251)		(119,085)		(34,659)		(4,507)
<b>Subtotal: CASH DEMAND AFTER SB222 FUND USE</b>	6,730,116	6,711,605	6,711,605	1,458,943	3,591,559	424,624	1,045,319	55,220	135,939
<b>Add: OPERATING RESERVE</b>									
Administrative (10%)	189,102	193,878	\$193,878	\$145,894		\$42,462		\$5,522	
OBMP (15%)	752,863	766,482	766,482		576,780		167,871		21,831
<b>Subtotal: OPERATING RESERVE</b>	941,965	960,361	960,361	145,894	576,780	42,462	167,871	5,522	21,831
Less: Cash Balance On Hand Available for Assessments <sup>3</sup>	(941,965)	(960,361)	(960,361)	(145,894)	(576,780)	(42,462)	(167,871)	(5,522)	(21,831)
<b>Total: CASH REQUIRED TO BE ASSESSED</b>	\$6,730,116	\$6,711,605	\$6,711,605	\$1,458,943	\$3,591,559	\$424,624	\$1,045,319	\$55,220	\$135,939
<b>Current Year Assessments</b>									
General Administration/OBMP Assessments (Minimum \$5.00 Per Producer)		A	Per Acre-Foot	\$16.23	\$39.95	\$16.23	\$39.95	\$16.23	\$39.95
<b>Grand Total</b>				\$56.18	\$56.18	\$56.18	\$56.18	\$56.18	\$56.18
<b>Prior Year Assessments, (Actuals) Information Only</b>		B	Per Acre-Foot	\$15.58	\$41.96	\$15.58	\$41.96	\$15.58	\$41.96
<b>Grand Total</b>				\$57.54	\$57.54	\$57.54	\$57.54	\$57.54	\$57.54
<b>Variance Between Proposed Assessments and Prior Year Assessments</b>		A - B		\$0.65	(\$2.01)	\$0.65	(\$2.01)	\$0.65	(\$2.01)
<b>Grand Total</b>				(\$1.36)	(\$1.36)	(\$1.36)	(\$1.36)	(\$1.36)	(\$1.36)
<b>Estimated Assessment as of "Approved" Budget May 26, 2016, Information Only</b>				\$15.01	\$40.17	\$15.01	\$40.17	\$15.01	\$40.17
<b>Grand Total</b>				\$55.18	\$55.18	\$55.18	\$55.18	\$55.18	\$55.18

<sup>1</sup> Total costs are allocated to Pools by actual production percentages. Does not include Recharge Debt Payment, Recharge Improvement Projects or Replenishment Water purchases.  
<sup>2</sup> Support and approval received from IEUA on August 31, 2016 that the remainder of the SB 222 funds be used "to pay for studies and investigations that aid in implementing the OBMP."  
<sup>3</sup> June 30th fund balance (estimated) less funds required for Operating Reserves, Agricultural Pool Reserves, and Carryover replenishment obligations.

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Assessment Year 2016-2017 (Production Year 2015-2016)

Pool 3 Assessment Fee Summary

	AF Production and Exchanges	Appropriative Pool		Ag Pool SY Reallocation		Replenishment Assessments			85/15 Water Transaction Activity			ASSESSMENTS DUE					Total Due	
		\$16.23 AF/Admin	\$39.95 AF/OBMP	AF Total Reallocation	\$424,623.99 \$7.50 AF/Admin	\$1,045,318.99 \$18.46 AF/OBMP	AF/15%	\$506.60 AF/85%	\$596.00 AF/100%	15% Producer Credits	15% Pro-rated Debits	CURO Adjustment	Total Production Based	Pomona Credit	Recharge Debt Payment	Recharge Imprvmt Project		Other Adjustments
Arrowhead Mtn Spring Water Co	356.162	5,780.51	14,228.67	0.000	0.00	0.00	0.00	200,107.00	0.00	0.00	(18,817.91)	201,298.27	0.00	0.00	0.00	0.00	201,298.27	
Chino Hills, City Of	1,548.281	25,128.60	61,853.83	2,336.657	17,519.84	43,129.51	16.88	0.00	0.00	0.00	23,766.84	(1.94)	171,413.55	2,567.35	17,914.85	110,508.30	15,222.13	317,626.17
Chino, City Of	0.000	0.00	0.00	10,078.864	75,569.54	186,033.48	0.00	0.00	0.00	0.00	0.00	0.00	261,603.02	4,904.69	34,224.76	211,116.47	0.00	511,848.95
Cucamonga Valley Water District	20,534.740	333,278.83	820,362.86	2,597.581	19,476.20	47,945.58	223.84	0.00	0.00	(54,447.76)	315,217.87	(25.73)	1,482,031.71	4,400.69	30,707.85	189,422.30	25,849.69	1,732,412.23
Desalter Authority	28,162.862	0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fontana Union Water Company	0.000	0.00	0.00	3,593.946	26,946.77	66,336.27	0.00	0.00	0.00	0.00	0.00	0.00	93,283.05	7,771.37	54,228.36	334,509.27	0.00	489,792.05
Fontana Water Company	15,317.165	248,597.59	611,920.74	784.546	5,882.39	14,480.98	166.97	0.00	0.00	(1,124,632.09)	235,125.65	(19.19)	(8,476.97)	1.33	9.30	57.39	(143,413.04)	(151,821.98)
Fontana, City Of	0.000	0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Golden State Water Company	807.419	13,104.41	32,256.39	231.231	1,733.73	4,268.01	8.80	0.00	0.00	(3,810.00)	12,394.26	(1.01)	59,954.59	500.00	3,489.00	21,522.00	1,719.94	87,185.53
Jurupa Community Services District	8,952.753	145,303.18	357,662.48	14,508.019	108,778.57	267,785.86	97.59	0.00	0.00	0.00	137,428.95	(11.22)	1,017,045.41	2,506.01	17,486.87	107,868.26	39,584.58	1,184,491.13
Marygold Mutual Water Company	752.723	12,216.69	30,071.28	368.428	2,762.41	6,800.36	0.00	0.00	0.00	0.00	0.00	(1,303.76)	50,546.99	796.67	5,559.14	34,291.72	0.00	91,194.52
Monte Vista Irrigation Company	0.000	0.00	0.00	380.452	2,852.56	7,022.30	0.00	0.00	0.00	0.00	0.00	0.00	9,874.86	822.67	5,740.57	35,410.86	0.00	51,848.96
Monte Vista Water District	8,203.721	133,146.39	327,738.65	2,775.741	20,812.02	51,234.02	89.43	0.00	0.00	0.00	125,930.96	(10.28)	658,941.19	5,864.70	40,923.64	252,438.71	16,364.49	974,532.73
Niagara Bottling, LLC	1,774.574	28,801.34	70,894.23	0.000	0.00	0.00	0.00	0.00	700,046.10	0.00	0.00	(42,558.60)	757,183.08	0.00	0.00	0.00	0.00	757,183.08
Nicholson Trust	0.000	0.00	0.00	2.158	16.18	39.83	0.00	0.00	0.00	0.00	0.00	0.00	56.01	4.67	32.56	200.87	0.00	294.11
Norco, City Of	0.000	0.00	0.00	113.457	850.68	2,094.16	0.00	0.00	0.00	0.00	0.00	0.00	2,944.84	245.34	1,711.94	10,560.13	0.00	15,462.24
Ontario, City Of	18,053.831	293,013.68	721,250.55	8,478.076	63,567.12	156,486.48	196.80	0.00	0.00	0.00	277,134.76	(22.62)	1,511,626.76	13,828.07	96,491.78	595,212.43	34,761.38	2,251,920.42
Pomona, City Of	9,963.663	161,710.25	398,048.34	6,306.131	47,282.26	116,397.19	0.00	0.00	0.00	0.00	0.00	0.00	723,438.04	(53,030.93)	95,162.01	586,947.98	0.00	1,352,507.10
San Antonio Water Company	1,030.847	16,730.65	41,182.34	847.230	6,352.38	15,637.99	11.24	0.00	0.00	0.00	15,823.98	(1.29)	95,737.28	1,832.01	12,783.70	78,856.61	2,875.06	192,084.65
San Bernardino, County of (Shootin	9.396	152.50	375.37	0.000	0.00	0.00	0.10	4,760.01	0.00	0.00	144.23	(547.20)	4,885.01	0.00	0.00	0.00	35.78	4,920.79
Santa Ana River Water Company	0.000	0.00	0.00	731.615	5,485.52	13,503.99	0.00	0.00	0.00	0.00	0.00	0.00	18,989.51	1,582.01	11,039.20	68,095.61	90.30	99,796.62
Upland, City Of	2,600.725	42,209.77	103,898.96	1,603.818	12,025.14	29,602.92	28.35	0.00	0.00	0.00	39,922.35	(3.26)	227,684.23	3,468.02	24,199.70	149,276.59	6,909.68	411,538.23
West End Consolidated Water Co	0.000	0.00	0.00	532.756	3,994.51	9,833.49	0.00	0.00	0.00	0.00	0.00	0.00	13,828.00	1,152.01	8,038.66	49,586.69	0.00	72,605.35
West Valley Water District	0.000	0.00	0.00	362.262	2,716.18	6,686.55	0.00	0.00	0.00	0.00	0.00	0.00	9,402.73	783.34	5,466.10	33,717.80	0.00	49,369.97
	118,068.862	1,459,174.37	3,591,744.69	56,632.968	424,623.99	1,045,318.99	840.00	4,760.01	900,153.10	(1,182,889.85)	1,182,889.85	(63,324.02)	7,363,291.14	0.00	465,200.00	2,869,600.00	(0.01)	10,698,091.13
	1A	1B	1C	1D	1E	1F	1G	1H	1I	1J	1K	1L	1M	1N	1O	1P	1Q	1R

p1: 1) Pursuant to Paragraph 5.4(b) of the Peace Agreement, the City of Pomona shall be allowed a credit of up to \$2 million against OBMP Assessments for 30 years. This equates to \$66,667 per year. TVMWD elected to discontinue payment of the "Pomona Credit," effective FY 2012/2013. It is now paid by the Appropriative Pool Parties, allocated on % OSY.  
 2) Recharge Debt Project expenses [1O] and Recharge Improvement Project expenses [1P] are each allocated on % OSY, based on the approved budget.  
 3) The 85/15 Rule had not been applied to the Exhibit G water sales in the prior two years. Other Adjustments [1Q] includes that adjustment.

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Assessment Year 2016-2017 (Production Year 2015-2016)  
**Pool 2 Assessment Fee Summary**

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	Non-Agricultural Pool			Replenishment Assessments		CURO Adjustment	Other Adjustments	Total Assessments Due
	AF Production	\$16.23 AF/Admin	\$39.95 AF/OBMP	AF Exceeding Annual Right	\$596.00 Per AF			
Ameron International Corp.	0.000	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Aqua Capital Management LP	0.000	0.00	0.00	0.000	0.00	(952.61)	0.00	(952.61)
California Speedway Corp. (Auto Club Speedway)	299.502	4,860.92	11,965.10	0.000	0.00	0.00	0.00	16,826.02
California Steel Industries, Inc. (CSI)	1,187.201	19,268.27	47,428.68	0.000	0.00	0.00	0.00	66,696.95
Calmat Co., a Division of Vulcan Materials Co.	0.000	0.00	0.00	0.000	0.00	0.00	0.00	0.00
CCG Ontario, LLC	0.000	0.00	0.00	0.000	0.00	0.00	0.00	0.00
General Electric Co. (GE)	0.058	0.94	2.32	0.057	33.97	(0.07)	0.00	37.16
Hamner Park Associates (Swan Lake MHP)	264.914	4,299.55	10,583.31	0.000	0.00	0.00	0.00	14,882.87
Monte Vista Water District (Non-Ag)	12.581	204.19	502.61	0.000	0.00	0.00	0.00	706.80
NRG California South LP	204.439	3,318.04	8,167.34	0.000	0.00	0.00	0.00	11,485.38
Ontario, City of (Non-Ag)	1,235.830	20,057.52	49,371.41	0.000	0.00	0.00	0.00	69,428.93
Praxair, Inc.	0.000	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Riboli Family / San Antonio Winery	3.952	64.14	157.88	3.952	2,355.39	(477.58)	0.00	2,099.84
San Bernardino, County of (Chino Airport)	43.133	700.05	1,723.16	0.000	0.00	0.00	0.00	2,423.21
Southern California Edison Co. (SCE)	0.000	0.00	0.00	0.000	0.00	0.00	0.00	0.00
Southern Service Co. (Angelica)	27.553	447.19	1,100.74	10.643	6,343.23	(1,031.55)	0.00	6,859.60
Space Center Mira Loma, Inc.	93.708	1,520.88	3,743.63	0.000	0.00	0.00	0.00	5,264.51
TAMCO	30.037	487.50	1,199.98	16.537	9,856.05	(328.61)	0.00	11,214.92
West Venture Development Co.	0.000	0.00	0.00	0.000	0.00	0.00	0.00	0.00
	<b>3,402.908</b>	<b>55,229.19</b>	<b>135,946.17</b>	<b>31.189</b>	<b>18,588.64</b>	<b>(2,790.42)</b>	<b>0.00</b>	<b>206,973.58</b>
	<b>13A</b>	<b>13B</b>	<b>13C</b>	<b>13D</b>	<b>13E</b>	<b>13F</b>	<b>13G</b>	<b>13H</b>

p13: There is no IEUA Surcharge; an RTS charge will be applied for Assessment Years 16/17 and 17/18 over a period of ten years beginning with Assessment Year 18/19.

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# **CHINO BASIN WATERMASTER**

## **II. BUSINESS ITEMS**

### **B. CHINO BASIN WATERMASTER FY 2016/17 ASSESSMENT PACKAGE**



# CHINO BASIN WATERMASTER

9641 San Bernardino Road, Rancho Cucamonga, Ca 91730  
Tel: 909.484.3888 Fax: 909.484.3890 www.cbwm.org

---

PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: November 10, 2016  
TO: Advisory Committee and Board Members  
SUBJECT: Fiscal Year 2016/17 Assessment Package (Business Item II.B.)

### SUMMARY

Issue: Chino Basin Watermaster Fiscal Year 2016/17 Assessment Package, based on Production Year 2015/16.

Recommendation:

Advisory Committee – Approve the Fiscal Year 2016/17 Assessment Package as presented, including no credit for Stormwater New Yield and postponing the assessment of Desalter Replenishment Obligation.

Watermaster Board – Approve the Fiscal Year 2016/17 Assessment Package as presented, including no credit for Stormwater New Yield and postponing the assessment of Desalter Replenishment Obligation, upon approval of Advisory Committee.

Financial Impact: Collection of assessments according to the Assessment Package creates the funds that are used during the current fiscal year for budgeted expenses.

Future Consideration

**Advisory Committee – November 17, 2016:** Approval

**Watermaster Board – November 17, 2016:** Approval [Advisory Committee Approval Required]

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ACTIONS:

**November 10, 2016 – Appropriative Pool:** Approved by majority vote to recommend Advisory Committee approval; City of Chino voted against the recommendation.

**November 10, 2016 – Non-Agricultural Pool:** Unanimously moved to approve staff recommendation of the FY 2016/17 Assessment Package and direct the Pool representatives to support at the Advisory Committee and Watermaster Board meetings subject to changes which they deem appropriate. In making and adopting the action, the Pool directed that the minutes reflect that the Pool may not be obligated under the Judgment to pay assessments for some of the costs included, that approval of the assessment for these costs (and any other costs which the Pool is not obligated to pay) is and has been voluntary, and that the members of the Pool reserve the right not to approve or pay such assessments in the future.

**November 10, 2016 – Agricultural Pool:** Unanimously voted to recommend Advisory Committee approval.

**November 17, 2016 – Advisory Committee:**

**November 17, 2016 – Watermaster Board:**

## BACKGROUND

Watermaster issues an Assessment Package annually based on production during the previous production year (July 1 through June 30). Production information is generally collected quarterly, and other necessary information is collected annually. Assessments create funds that are used during the current fiscal year for budgeted expenses. Assessments are based on the approved budget allocated across the total assessable production in the Basin.

## DISCUSSION

The Parties of the Non-Agricultural Pool and the Appropriative Pool were each sent a copy of their Water Activity Report in August that summarized their water activity for the previous year, including production, Dry Year Yield (DYY), land use conversions, transfers, voluntary agreements, and assignments. Each Party was asked to verify the data gathered and summarized by Watermaster. The Water Activity Reports were received back, and any necessary corrections were made.

The Assessments generate funds to cover the current year, FY 2016/17, approved budget, in addition to reserves according to existing reserve policies. Monies not expended during a fiscal year are refunded to the parties. The Assessment Package does not factor in unspent monies, those are returned to parties as a credit on the assessment invoicing. The FY 2015/16 actual expenditures were below budget by approximately \$190,522.

In light of the pending Court consideration of the 2015 Safe Yield Reset Agreement (2015 SYRA), which has the possibility of changing the Assessment Package calculations, this Assessment Package will continue to be based on current rules. The Assessment Package will be revisited, if necessary, after the Court's consideration of the 2015 SYRA.

Watermaster held an Assessment Package Workshop on November 2, 2016. The purpose of the Assessment Package Workshop was to review the prior year production, transfers, DYY, etc., and to review the current year cash requirements pursuant to the adopted budget and the resulting impact on assessments. Discussion at the workshop covered the detail of how assessments have been calculated.

The Draft Assessment Package is attached. It is based on the FY 2016-17 Budget, as it was approved in May 2016. The Assessment Package identifies total assessable production for all Pools as 119,476 acre-feet, resulting in assessments of \$16.23/acre-foot for Admin and \$39.95/acre-foot for OBMP, excluding recharge debt service, recharge improvement project expenses, "Pomona Credit" assessments, and assessments for replenishment and CURO water. Use of SB 222 funds toward projects implementing the OBMP has also been factored in. The Assessment Package has been prepared with the assumption that the Advisory Committee and the Board will direct the use of SB 222 funds as recommended by Watermaster staff; this is presented as an earlier, separate item on this agenda. For production year 2015/16, using the Restated Judgment's Safe Yield, there is a replenishment obligation of 1,551 acre-feet. The new replenishment rate is \$596, which is MWD's 2016 Tier 1 Untreated rate (\$594 per acre foot) plus OCWD's \$2 connection fee. There is no IEUA surcharge for projected spreading but an RTS charge will be applied for Assessment Years 2016/17 and 2017/18 over a period of ten years beginning with Assessment Year 2018/19. The additional assessments approved as part of the budget, allocated amongst the Appropriators based on their percentage of Operating Safe Yield, are: Pomona Credit assessment of \$66,667.00, recharge debt payment assessment of \$465,200, and recharge improvement project assessment of \$2,869,600.00.

Stormwater New Yield is to be allocated to the Appropriators based on their percentages of OSY. Watermaster has completed the process for correction of prior over-allocation that was documented through Condition Subsequent 7. Due to the ongoing Safe Yield Redetermination process and related questions as to the proper method for allocating Stormwater New Yield, staff recommends that 0.000 acre-feet be allocated during production year 2015/16. When the Safe Yield Redetermination and

Stormwater New Yield allocation matters are resolved, the 2015/16 allocation will be recalculated, if necessary, and credited, if necessary.

The projection in Desalter Induced Recharge (DIR), formerly known as Santa Ana River Underflow New Yield (SARUNY), in Appendix B is shown as zero for each year. In the near future, through the modeling work and Safe Yield Redetermination process, Watermaster will determine the DIR created by Desalters and Re-Operation, and will produce a new schedule. In addition to the production years 2013/14 and 2014/15 desalter replenishment obligations of 27,940 and 29,541 respectively which have not been assessed, the production year 2015/16 desalter replenishment obligation could be as high as 27,009 acre-feet. Due to the ongoing Safe Yield Redetermination process and related DIR matter, staff recommends that the desalter replenishment obligation not be assessed at this time. After the 2015 SYRA is considered by the Court, the desalter replenishment obligation will be recalculated and assessed, if necessary. If the Court orders Watermaster to proceed according the terms of the 2015 SYRA, the desalter replenishment obligation will be set at 2,000 acre-feet for each production year from 2013/14 through 2015/16; thus as a minimum for the prior three production years the desalter replenishment obligation will be 6,000 acre-feet. In production year 2015/16, parties were given an option to remit funds toward their share of desalter replenishment obligation. Several parties have committed to purchase; one party remitted funds before the end of 2015/16 production year and the purchase is reflected in the Assessment Package. Staff recommends that the assessment invoices which will be issued later this month for the Fiscal Year 2016/17 (Production Year 2015/16) continue to include an option for each party to pay for a portion or all of its share of the 6,000 acre-feet obligation. This would be applied toward desalter replenishment obligation regardless of the outcome of the Court's consideration of the 2015 SYRA.

Hydraulic Control was achieved on February 1, 2016, changing the loss rate from 2% to 0.07%. For this year, the rate has been calculated at an average rate of 1.20%, based on seven months at 2% and five months at 0.07%.

Assessments reflect an adjustment for prior two years where the 85/15 Rule was not properly applied to Exhibit G water sales. The affected parties where the 15% should have been credited to include Cucamonga Valley Water District and Fontana Water Company in production year 2013/14, and Fontana Water Company in production year 2014/15.

#### ATTACHMENTS

1. Fiscal Year 2016-2017 Assessment Package (DRAFT)

Click on the link below to access:

[http://www.cbwm.org/FTP/FY%20201617%20Assessment%20Package%20\(DRAFT\)/20161110%20CBWM%20FY%202016-2017%20Assessment%20Package%20\(DRAFT\).pdf](http://www.cbwm.org/FTP/FY%20201617%20Assessment%20Package%20(DRAFT)/20161110%20CBWM%20FY%202016-2017%20Assessment%20Package%20(DRAFT).pdf)

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# **CHINO BASIN WATERMASTER**

## **II. BUSINESS ITEMS**

### **C. RESOLUTION TO LEVY REPLENISHMENT AND ADMINISTRATIVE ASSESSMENTS FOR FISCAL YEAR 2016/17**



# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: November 17, 2016  
TO: Advisory Committee and Board Members  
SUBJECT: Resolution to Levy Replenishment and Administrative Assessments for Fiscal Year 2016/17 (Based on Production Year 2015/16) – (Business Item II.C.)

### SUMMARY

Issue: A resolution is required for the Chino Basin Watermaster to levy administrative, special project, and replenishment assessments for Fiscal Year 2016/2017.

Recommendation:  
Advisory Committee – Review Resolution 2016-09 as presented, and offer advice to Watermaster.

Watermaster Board – Adopt Resolution 2016-09.

Financial Impact: Collection of the assessments according to the Assessment Package creates the funds that are used during the current fiscal year for budgeted expenses.

### Future Consideration

Advisory Committee – November 17, 2016: Advice

Watermaster Board – November 17, 2016: Adoption [Function related to administration of the Pool Committees]

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### ACTIONS:

November 10, 2016 – Appropriative Pool: No action.

November 10, 2016 – Non-Agricultural Pool: No action.

November 10, 2016 – Agricultural Pool: No action.

November 17, 2016 – Advisory Committee:

November 17, 2016 – Watermaster Board:

## BACKGROUND

Watermaster issues an Assessment Package annually based on the previous production year (July 1 through June 30). Production information is generally collected quarterly, and other necessary information is collected annually. The Assessment Package creates funds that are used during the current fiscal year for budgeted expenses. Assessments are based on the approved budget divided by the total assessable production in the Basin. Watermaster is endowed with powers to levy and collect administrative, special project, and replenishment assessments necessary to maintain water levels and to cover the cost of administering the Chino Basin Restated Judgment. Pursuant to the Restated Judgment, each party has thirty days from the date of invoice to remit the amount of payment for assessments due. After that date, interest will accrue on that portion which was due as provided for in Section 55(c) of the Restated Judgment.

## DISCUSSION

The draft Fiscal Year 2016/17 Assessment Package is being considered for approval this month. It is based on the budget that was approved in May 2016. The Assessment Package identifies total assessable production for all Pools as 119,475.939 acre-feet, resulting in assessments of \$16.23/acre-foot for General Administration and \$39.95/acre-foot for OBMP, excluding recharge debt service, recharge improvement project expenses, "Pomona Credit" assessments, and assessments for replenishment water.

This year, and as incorporated into the draft Fiscal Year 2016/17 Assessment Package, staff recommends that the remaining SB 222 Funds of \$158,251 be used to offset assessments toward OBMP implementation expenses. The fund dates back to 1975 (pre-Judgment) and was carried by the Chino Basin Municipal Water District (CBMWD) – the original Watermaster, now the Inland Empire Utilities Agency (IEUA), and was subsequently transferred over to the Chino Basin Watermaster. Additional information on SB 222 can be found in this meeting package under Business Item II.A. Pursuant to SB 222, the funds may be used "to pay for studies and investigations that aid in the implementing the OBMP". The item was presented for information at the October 2016 Committee and Board meetings, at the November 2, 2016 Assessment Package Workshop, and was presented to the Pool Committees at its November 10, 2016 meetings and all three Pools concurred with staff's recommendation. The item is being presented to the Advisory Committee, and then to the Board for direction at its November 2016 meetings. If approved, the above per acre-foot cost for assessable production for OBMP will remain as shown above. If not approved, the assessable per acre-foot cost would be increased by \$1.32/acre-foot for OBMP, which would be \$41.27/acre-foot.

For production year 2015/2016, there is a replenishment obligation of 1,550.909 acre-feet, in addition to the Cumulative Unmet Replenishment Obligation (CURO) of 3,988.661 acre-feet. Watermaster has since placed an order with IEUA for the CURO and deliveries were completed in October 2016. The new replenishment rate is \$596, which is MWD's 2016 Tier 1 Untreated rate (\$594 per acre foot) plus OCWD's \$2 connection fee. There will be no longer be a "Projected Spreading – IEUA Surcharge", instead, a Readiness To Serve (RTS) charge will be applied for Assessment Years 2016/17 and 2017/18 over a period of ten years beginning with Assessment Year 2018/19. Recovery of the following is also included in the assessment, allocated amongst the Appropriators based on their percentage of Operating Safe Yield: Pomona Credit assessment of \$66,667.00, recharge debt payment assessment of \$465,200, and recharge improvement project assessment of \$2,869,600.

If Resolution 2016-09 is approved through the Watermaster process in November 2016, the invoices will be mailed in late November and assessments will be due 30 days later.

## ATTACHMENTS

1. Resolution 2016-09: A resolution of the Chino Basin Watermaster levying administrative, replenishment, and special project assessments for Fiscal Year 2016/2017.

**RESOLUTION 2016-09**

**A RESOLUTION OF THE CHINO BASIN WATERMASTER  
LEVYING ADMINISTRATIVE, REPLENISHMENT, AND SPECIAL PROJECT ASSESSMENTS  
FOR FISCAL YEAR 2016-2017**

WHEREAS, the Chino Basin Watermaster was appointed on January 27, 1978, under Case No. RCV 51010 (formerly case No. SCV 164327) entitled Chino Basin Municipal Water District v. City of Chino, et al., with powers to levy and collect administrative and replenishment assessments necessary to maintain water levels and to cover the cost of administering the Chino Basin Judgment; and

WHEREAS, the Watermaster Advisory Committee approved and the Watermaster Board adopted the Fiscal Year 2016-2017 Budget on May 26, 2016, to carry out the necessary Watermaster functions under the Judgment; and

WHEREAS, the parties named in this Judgment have pumped 1,550.909 acre-feet of water in excess of the operating safe yield, which is required to be replaced at the expense of the parties in accordance with the assessment formulas for the respective pools.

WHEREAS, the Advisory Committee has directed staff to use the remaining SB 222 funds of \$158,251 during Fiscal Year 2016-17 for studies and investigations that will aid in implementing the OBMP.

NOW, THEREFORE, BE IT RESOLVED that the Chino Basin Watermaster levies the respective assessments for each pool effective November 17, 2016 as shown on Exhibit "A" attached hereto.

BE IT FURTHER RESOLVED, that pursuant to the Judgment, each party has thirty (30) days from the date of invoice to remit the amount of payment for assessments due. After that date, interest will accrue on that portion which was due as provided for in Section 55 (c) of the Restated Judgment.

THE FOREGOING RESOLUTION was  
**ADOPTED** by the Watermaster Board on the 17<sup>th</sup> day of November 2016.

By: \_\_\_\_\_  
Chair – Watermaster Board

ATTEST:

\_\_\_\_\_  
Secretary/Treasurer – Watermaster Board

Exhibit "A"  
Resolution 2016-09

Summary of Assessments  
Fiscal Year 2016-2017  
Production Year 2015-2016

1. OVERLYING (NON-AGRICULTURAL) POOL	
a.	2016-2017 Budget
	\$ <u>16.23</u> Per AF - Admin.
	\$ <u>39.95</u> Per AF - OBMP
b.	Replenishment
	\$ <u>596.00</u> Per AF
b.	CURO
	\$ <u>(2,790.42)</u> Total
2. APPROPRIATIVE POOL	
a.	Administration
	1. 2016-2017 Amended Budget
	\$ <u>16.23</u> Per AF - Admin.
	\$ <u>39.95</u> Per AF - OBMP
	2. Ag Pool Reallocated
	\$ <u>7.50</u> Per AF - Admin.
	\$ <u>18.46</u> Per AF - OBMP
b.	100% Net Replenishment
	\$ <u>596.00</u> Per AF
c.	15/85 Water Activity
	15% Replenishment Assessments
	\$ <u>840.00</u> Total
	15% Water Transaction Activity
	\$ <u>1,182,889.85</u> Total
d.	CURO
	\$ <u>(63,324.02)</u> Total
e.	Pomona Credit (2015-16 Assessment)
	\$ <u>66,667.00</u> Total
f.	Recharge Debt Payment
	\$ <u>465,200.00</u> Total
g.	Recharge Improvement Project
	\$ <u>2,869,600.00</u> Total

STATE OF CALIFORNIA            )  
  ) ss  
COUNTY OF SAN BERNARDINO    )

I, Bob Kuhn, Secretary/Treasurer of the Chino Basin Watermaster, DO HEREBY CERTIFY that the foregoing Resolution being No. 2016-09, was adopted at a regular meeting of the Chino Basin Watermaster Board by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

CHINO BASIN WATERMASTER

\_\_\_\_\_  
Secretary

Date: \_\_\_\_\_

# **CHINO BASIN WATERMASTER**

## **II. BUSINESS ITEMS**

- D. 2013 RECHARGE MASTER PLAN UPDATE AMENDMENT  
PROPOSED YIELD ENHANCEMENT PROJECTS**



# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: November 17, 2016  
TO: Advisory Committee and Board Members  
SUBJECT: 2013 Recharge Master Plan Update Amendment Proposed Yield Enhancement Projects  
(Business Item II.D.)

### SUMMARY

Issue: The 2013 Recharge Master Plan Update Amendment Proposed Yield Enhancement Projects require approval to move beyond the Preliminary Design Phase and into Final Design, bidding and construction.

Recommendations:

Advisory Committee – Approve the “Post-2014 Stormwater Recharge Program” as presented.

Watermaster Board – Approve the “Post-2014 Stormwater Recharge Program” as presented.

Financial Impact: If the “Post-2014 Stormwater Recharge Program” is approved, the estimated capital cost will be \$24.6 Million.

Future Consideration

**Advisory Committee – November 17, 2016:** Approve the “Post-2014 Stormwater recharge Program” as presented

**Watermaster Board – November 17, 2016:** Approval [Upon Advisory Committee approval]

ACTIONS:

**Appropriative Pool: November 10, 2016:** Unanimously voted to adopt the “Post-2014 Stormwater Recharge Program” as presented, and to recommend to the Advisory Committee to approve the same.

**Non-Agricultural Pool: November 10, 2016:** Unanimously voted to adopt the “Post-2014 Stormwater Recharge Program” as presented, and recommend to the Advisory Committee to approve the same; and direct the Pool representatives to support at Advisory Committee and Watermaster Board meetings, subject to any changes they deem appropriate.

**Agricultural Pool: November 10, 2016:** Unanimously voted to adopt the “Post-2014 Stormwater Recharge Program” as presented, and recommend to the Advisory Committee to adopt the same.

**Advisory Committee: November 17, 2016:**

**Watermaster Board: November 17, 2016:**

## BACKGROUND

The 2010 Recharge Master Plan Update (RMPU) was prepared as required by the Peace II Agreement. The 2010 RMPU was then amended in 2013 (RMPUA) to include an Implementation Plan to better address groundwater balance issues within the Chino Basin and to develop a Funding Plan.

In the 2013 RMPUA, 43 projects were identified as possible yield enhancement projects. Of the 43 projects, 11 projects were selected for further analysis by a Steering Committee made up of Watermaster stakeholders. Section 7 of the RMPUA listed selection criteria for the projects based on the input of the Steering Committee. One of the criteria for selection was cost effectiveness (\$/acre-foot per year). To determine the cost effectiveness threshold of the projects, the Steering Committee used Metropolitan Water District's Tier 1 rate as a standard for unit cost, though not necessarily a pass/fail mechanism. From that, the Steering Committee indicated a preference for a melded unit cost of less than \$612 per acre-foot per year based on the selected projects. The projects estimated increasing stormwater capture by 6,780 acre-feet per year and increase recycled water recharge capacity by 4,900 acre-feet per year. Any project that would seek benefits of recycled water would be cost shared 50/50 with the Inland Empire Utilities Agency.

In accordance with the 2013 RMPUA, the selected projects were to be developed to the Pre-Design level before being brought back to the Watermaster stakeholders for further development.

In October 2014, the Lower Day and San Sevaine projects received grant funding which required the projects to be on an accelerated completion schedule in order to meet the funding requirements. Though ahead of schedule and with San Sevaine already past the Preliminary Design Report (PDR) phase, the costs associated with the projects are still considered in the melded rate.

In March 2015, two projects, the Lower San Sevaine and Sierra projects were removed from the list of projects due to complications. For Lower San Sevaine, the land for the potential project site was sold at auction to a housing developer. For the Sierra Basin, the City of Fontana had plans to repurpose the basin for other uses.

In June 2015, Stantec was awarded the contract to develop the PDR on the nine remaining RMPUA projects. The PDR was presented at the Pool Committee meetings in October 2016 as an information item only (see Attachment 1).

## DISCUSSION

At the October 2016 RIPCom meeting, the Committee discussed the PDR for the nine RMPUA projects and provided a recommendation for the November 2016 Pool meetings.

The Lower Day project PDR was reviewed and although it is on an accelerated track, the decision to move forward with the project will be included with the other RMPUA projects. For projects 27, 14, and 15a, RIPCom members did not recommend advancing the projects at this time due to high capital costs.

Project 18a, CSI Storm Basin, is not recommended at this time due to terms and conditions that must be agreed upon between Watermaster and California Steel Industries (CSI). The AP Chair will provide a response to initial terms provided by CSI. The project may be brought back for approval to move forward when terms are agreed upon.

The projects recommended by the Committee to move forward are referred to as the "Post-2014 Stormwater Recharge Program", and are as follows:

<b>Project ID</b>	<b>Post-2014 Stormwater Recharge Program</b>
23a	Wineville/Jurupa/RP-3 Basins with SW Force Main Improvements
11	Victoria Basin
12	Lower Day Basin*
2	Montclair Basins
7	San Sevaine*
	1. Upon receipt of bid results IEUA/CBWM are to confirm with the AP on project advancement prior to awarding the construction contracts. 2. On Project 23a, the bid for the pump station and force main will be an optional bid item.

\* Accelerated schedule of completion due to grant funding

If the 2014-Post Stormwater Recharge Program is approved, the estimated stormwater yield will be 4,981 acre-feet with a melded unit cost of \$380 per acre-foot. The Watermaster share of the capital cost for the projects will be \$24.6 Million of which \$3.1 Million are soft costs. This total does not reflect Grant money already obtained. IEUA has applied on behalf of Watermaster and the parties for grants of \$12.6 million and has the ability to obtain construction and planning loans.

A detailed summary of stormwater yield, unit cost, capital costs to Watermaster, and annual costs can be found in a separate attachment to this letter (see Attachment 2).

**ATTACHMENTS**

1. 2013 Recharge Master Plan Update Preliminary Design Report - Presentation  
 Click on the link below to access:  
[http://www.cbwm.org/ftp/Recharge%20Investigations%20and%20Projects%20Committee%20\(RIPCom\)/2016%20Meetings/20161020/](http://www.cbwm.org/ftp/Recharge%20Investigations%20and%20Projects%20Committee%20(RIPCom)/2016%20Meetings/20161020/)
2. Draft Table 8-2c (Updated as of November 1, 2016)

**Draft Table 8-2c**  
**Updated as of November 1, 2016**  
**Recommended Yield Enhancement Projects for Final Design, Bidding, and Construction**

Project ID	Project	Yield	Recycled Water	Storm Water Recharge Unit Cost to CBWM Parties	Capital Cost to CBWM Parties	Total Annual Cost to CBWM Parties
<b>Recommended MZ3 Projects<sup>1</sup></b>						
23a	2013 Proposed RP3 Improvements <sup>2</sup>	2,921	2,905	\$ 406	\$ 721,000	\$ 51,531
	2013 RMPU Proposed Wineville				\$ 3,574,000	\$ 292,686
	2013 RMPU Proposed Jurupa				\$ 1,413,000	\$ 118,653
	2013 Wineville PS to Jurupa, Expanded Jurupa PS to RP3 Basin				\$ 10,019,000	\$ 721,953
<b>Total MZ3</b>		<b>2,921</b>	<b>2,905</b>	<b>\$ 406</b>	<b>\$ 15,727,000</b>	<b>\$ 1,184,823</b>
<b>Recommended MZ2 Projects<sup>3</sup></b>						
11	Victoria Basin <sup>4</sup>	75	120	\$ 111	\$ 86,000	\$ 8,358
7	San Sevaine Basins <sup>5</sup>	669	4,100	\$ 384	\$ 3,230,000	\$ 257,189
12	Lower Day Basin (2010 RMPU)	993	0	\$ 285	\$ 3,779,000	\$ 282,579
<b>Total MZ2</b>		<b>1,737</b>	<b>4,220</b>	<b>\$ 316</b>	<b>\$ 7,095,000</b>	<b>\$ 548,125</b>
<b>Recommended MZ1 Projects</b>						
2	Montclair Basins	233	0	\$ 540	\$ 1,802,000	\$ 125,844
<b>Total MZ1</b>		<b>233</b>	<b>0</b>	<b>\$ 540</b>	<b>\$ 1,802,000</b>	<b>\$ 125,844</b>
<b>Total Recommended Projects</b>		<b>4,891</b>	<b>7,125</b>	<b>\$ 380</b>	<b>\$ 24,624,000</b>	<b>\$ 1,858,792</b>

1. PID 25a (Sierra Basin) is no longer feasible. Further development on PID 18a (CSI Basin) and PID 27 (Declez Basin) have been deferred at this time.  
2. PID 23a (2013 RMPU Proposed Wineville PS to Jurupa, Expanded Jurupa PS to RP3 Basin, and 2013 Proposed RP3 Improvements) was separated into its individual components. The total capital cost is about \$16,448,000.  
3. PID 17a (Lower San Sevaine Basin) is no longer feasible. Further development on PID 14 (Turner Basin) and PID 15a (Ely Basin) have been deferred at this time.  
4. PID 11's total capital cost is \$172,000.  
5. PID 7's total capital cost is \$6,460,000.

# **CHINO BASIN WATERMASTER**

## **II. BUSINESS ITEMS**

### **E. SUPPLEMENTAL WATER RECHARGE – REVISED FORMS**



# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: November 17, 2016  
TO: Advisory Committee and Board Members  
SUBJECT: Supplemental Water Recharge Revised Forms (Business Item II.E.)

### SUMMARY

Issue: Proposed amendment of Application for Supplemental Water Recharge Form 2, within and consistent with current policy; does not affect or involve policy changes. The revised Forms will allow for better coordination with Inland Empire Utilities Agency (IEUA) operations, and will allow Watermaster to collect data necessary to enhance its ability to evaluate Applications and recharge events.

Recommendation:

Advisory Committee – Approve the revised Form 2 and its use instead of the existing Form 2.

Watermaster Board – Approve the revised Form 2 and its use instead of the existing Form 2.

Financial Impact: There is no financial impact associated with this item.

Future Consideration

Advisory Committee – November 17, 2016: Approval

Watermaster Board – November 17, 2016: Approval (Advisory Committee approval required)

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ACTIONS:

**Appropriative Pool – November 10, 2016:** Unanimously voted to recommend Advisory Committee approval of the revised Form 2 and its use instead of the existing Form 2

**Non-Agricultural Pool – November 10, 2016:** Unanimously voted to recommend Advisory Committee approval of the revised Form 2 and its use instead of the existing Form 2, and direct the Pool representatives to support at Advisory and Board meetings, subject to any changes they deem appropriate.

**Agricultural Pool – November 10, 2016:** Unanimously voted to recommend Advisory Committee approval of the revised Form 2 and its use instead of the existing Form 2

**Advisory Committee – November 17, 2016:**

**Watermaster Board – November 17, 2016:**

## BACKGROUND

The Peace Agreement (Section 5.1) provides that any person may make an application to recharge Supplemental Water in Chino Basin, and Watermaster has the responsibility to ensure that the recharge is consistent with the Restated Judgment, the Optimum Basin Management Program Implementation Plan, and the Peace Agreement; and further, that the recharge does not cause Material Physical Injury (MPI) to any party to the Judgment. Watermaster Rules and Regulations (Section 7.1) further state, among other provisions, that Watermaster needs to ensure proper accounting of the sources of recharge.

Under the existing process any party that wishes to recharge Supplemental Water submits Form 2, which after staff review, is presented to the Pool and Advisory Committees and then the Board for approval. Form 2 (Attachment 1) requires a party to provide information on water source, method of recharge, water quality, and levels in the affected areas.

In the past when an Application for Recharge has been approved, there has been some informal communication with the applicant about the recharge operation and measurement, and some communication with IEUA. In many cases there is limited information available to Watermaster to assess the effectiveness of the recharge and to calculate the appropriate credit to be given.

To better enable Watermaster to fulfill its obligation to manage Supplemental Water Recharge in the Basin, a set of proposed procedures and forms (Attachment 3) have been developed to guide a prospective recharge event. The existing Form 2 would be renamed as Form 2a, and two new forms, Form 2b and Form 2c would be utilized (Attachment 2); the three forms would be utilized in place of the existing Form 2 that is included in the Rules and Regulations. It is anticipated that Watermaster's Rules and Regulations will be updated in the coming months to reflect other amendments, and at that time the new form would also be incorporated.

The proposed procedure and forms were presented in August 2016 to the Pool Committees in draft form for advice and assistance. Staff received input from parties and has made modifications to reflect the comments. Staff received further input during the October 2016 Pool and Advisory Committee meetings, as well as comments from IEUA on October 14, 2016.

## DISCUSSION

While Supplemental Water Recharge in the past has been mostly conducted by IEUA, there are signs that the practice is likely to increase in frequency, and be undertaken by other parties. Recent examples include Vulcan Materials Company, Fontana Water Company, and San Antonio Water Company; more are possible if there are changes in the way water can be transferred among State Water Contractors, and if wet water in excess of annual demands is available. The ongoing development of the Santa Ana Regional Conservation and Conjunctive Use Program (SARCCUP) is yet another indication of rising interest in the possibility of Supplemental Water Recharge.

The proposed form changes are intended to help provide adequate information for an MPI analysis; create a recharge operations plan that can be clearly communicated and coordinated with IEUA operations; establish a measurement system; and collect and report data that is accurate and useful in the calculation of recharge.

The review process with the Pools so far has focused on the procedure that is to be followed. The input and advice offered by the parties has been incorporated, and the procedure is shown in redline form as Attachment 3. The substantive action that is required is adoption of the new Form 2 (i.e. Forms 2a, 2b, and 2c) so it can be used until the Rules and Regulations are amended and the new Form can be incorporated. This is the reason why, while the Pools have so far been asked for advice and assistance, at this time they are being asked to consider recommending approval of the revised Recharge Application Forms.

Additional comments that have been expressed by parties during the review period include: whether existing approved recharge applications would have to be re-submitted; whether it is possible to expedite processing a Recharge Plan for approved applications to accommodate real-time opportunities to recharge; and that a policy regarding priority of supplemental water in case of competing recharge events needs to be established before recharge procedures are adopted.

Adoption of the revised Recharge Application (Form 2) would not require that existing applications be resubmitted; existing applications would remain valid on the terms (recharge basins, volume and/or time) they were approved. The accompanying procedures were edited to indicate that a Recharge Plan would be expedited in cases of real-time opportunities to recharge.

The proposed revised Recharge Application does not modify the existing provision of the Peace II Agreement (7.4.a) relating to the 6% leave behind that applies to water stored by parties that have not contributed to the OBMP implementation, as an equivalent financial contribution to the OBMP; nor is it intended to create a priority of water in case of conflicting recharge demands. This is why the revised Recharge Application does not need to be preceded by policy changes.

Recharge policies are important and need to be addressed by an update of Watermaster's Rules and Regulations. Such an update would include but not be limited to a clarification of how to account for the 6% leave behind charged on stored water for non-Parties as a contribution to OBMP implementation; would resolve the question of priorities in case of competing recharge applications; along with any other questions that may arise. An update to the Rules and Regulations is necessary regardless, as there have been a number of Court Orders that require other changes to be captured, and staff intends to begin the update in 2017. For the above reasons it is not necessary to wait for the policies to be considered before approving the revised Recharge Application Form 2 for an already-existing practice that is within current policy.

#### ATTACHMENTS

1. Existing Form 2
2. Proposed Revised Recharge Application Form (Form 2a, 2b, and 2c)
3. Proposed Procedure for Supplemental Water Recharge (redline version)
4. Proposed Procedure for Supplemental Water Recharge (clean version)

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APPLICATION  
FOR  
RECHARGE

APPLICANT

_____ Name of Party			_____ Date Requested	_____ Date Approved
_____ Street Address			_____ Acre-feet Amount Requested	_____ Acre-feet Amount Approved
_____ City	_____ State	_____ Zip Code	_____ Projected Rate of Recharge	_____ Projected Duration of Recharge
Telephone: _____			Facsimile: _____	

SOURCE OF SUPPLY

Water from:

State Water Project  
 Colorado River  
 Local Supplemental Source: \_\_\_\_\_  
 Recycled Water  
 Other, explain \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

METHOD OF RECHARGE

PERCOLATION Basin Name \_\_\_\_\_  
 Location \_\_\_\_\_  
 INJECTION Well Number \_\_\_\_\_  
 Location (attach map) \_\_\_\_\_  
 EXCHANGE Facility Name \_\_\_\_\_  
 Share of Safe Yield \_\_\_\_\_  
 Carry Over Right \_\_\_\_\_  
 Water in Storage \_\_\_\_\_  
 Pumping Capacity (cfs) \_\_\_\_\_

WATER QUALITY AND WATER LEVELS

What is the existing water quality and what are the existing water levels in the areas that are likely to be affected?

\_\_\_\_\_  
\_\_\_\_\_

**MATERIAL PHYSICAL INJURY**

Is the Applicant aware of any potential Material Physical Injury to a party to the Judgment or the Basin that may be caused by the action covered by the application? Yes [ ] No [ ]

If yes, what are the proposed mitigation measures, if any, that might reasonably be imposed to ensure that the action does not result in Material Physical Injury to a party to the Judgment or the Basin?

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**ADDITIONAL INFORMATION ATTACHED** Yes [ ] No [ ]

\_\_\_\_\_  
Applicant

**TO BE COMPLETED BY WATERMASTER:**

DATE OF APPROVAL FROM NON-AGRICULTURAL POOL: \_\_\_\_\_

DATE OF APPROVAL FROM AGRICULTURAL POOL: \_\_\_\_\_

DATE OF APPROVAL FROM APPROPRIATIVE POOL: \_\_\_\_\_

HEARING DATE, IF ANY: \_\_\_\_\_

DATE OF ADVISORY COMMITTEE APPROVAL: \_\_\_\_\_

DATE OF BOARD APPROVAL: \_\_\_\_\_ Agreement # \_\_\_\_\_

Form 2a Application for Supplemental Water Recharge

Applicant Information and Recharge Request			
Person		Date Requested	
Contact (individual)		Date Approved	
Street Address		Proposed Period of Time Covered by Recharge Application (mm/yyyy to mm/yyyy)	
City			
State			
Zip Code		Requested Total Amount of Recharge Over the Application Period (AF)	
Telephone		Approved Total Amount of Recharge Over the Application Period (AF)	
Fax			
Email			

Source(s) of Supply (check box and provide supporting information)	
<input type="checkbox"/> State Water Project	
<input type="checkbox"/> Colorado River Aqueduct	
<input type="checkbox"/> Local Supplemental (identify source and attach source water quality characterization including TDS and TN; use as many sheets as necessary)	
<input type="checkbox"/> Recycled Water (identify source and attach source water quality characterization including TDS and TN; use as many sheets as necessary)	
<input type="checkbox"/> Other (identify source and attach source water quality characterization including TDS and TN; use as many sheets as necessary)	

Method of Recharge (check box and provide supporting information)	
<input type="checkbox"/> Surface Spreading	
Recharge Basin Name(s) Expected Period of Recharge (mm/dd to mm/dd) Depth to Water in Recharge Area (ft-bgs) Water Quality in Recharge Area (attach characterization)	
<input type="checkbox"/> Injection	
Well Names and Locations (attach well completion report if not on file with the Watermaster) Expected Period of Recharge (mm/dd to mm/dd) Depth to Water in Recharge Area (ft-bgs) Water Quality in Recharge Area (attach characterization)	
<input type="checkbox"/> In-Lieu Exchange	
Treatment Plant and Turnout Share of Safe Yield (percent and AFY) Carryover Right, if Applicable (AF) Water in Storage (AF) Pumping Capacity (mgd or AFM) Expected Period of Recharge (mm/dd to mm/dd) Depth to Water in Area Impacted by In-Lieu Recharge (ft-bgs) Water Quality in Area Impacted by In-Lieu Recharge (attach characterization)	

**Form 2a Application for Supplemental Water Recharge**

**Material Physical Injury**

Is the applicant aware of any potential material physical injury to a Party to the Judgment or the Basin that may be caused by the action covered by the Application? (Y or N)

If yes what are the proposed mitigation measures, if any, that might reasonably be imposed to ensure that the action does not result in Material Physical Injury to a Party or the Basin (provide list of mitigation measures and rationale either below or attach one to this application)

by: \_\_\_\_\_  
Applicant Date

**To Be Completed by Watermaster**

Is the Person a Party to the Judgment that has

Previously contributed to the implementation of the OBMP? Y\_\_\_\_\_ N\_\_\_\_\_

Is in compliance with their continuing covenants under the Peace Agreement Y\_\_\_\_\_ N\_\_\_\_\_

(If answer to previous question is No)

Paid or delivered to Watermaster "financial equivalent" consideration to offset the cost  
past performance prior to the OBMP implementation? Y\_\_\_\_\_ N\_\_\_\_\_

Promised continued future compliance with Watermaster Rules and Regulations? Y\_\_\_\_\_ N\_\_\_\_\_

Date of Approval from Appropriative Pool (mm/dd/yyyy)

Date of Approval from Overlying Non-Ag Pool (mm/dd/yyyy)

Date of Approval from Overlying Ag Pool (mm/dd/yyyy)

Hearing Date (if any) (mm/dd/yyyy)

Date of Approval by Advisory Committee (mm/dd/yyyy)

Date of Approval from Board (mm/dd/yyyy)

Recharge Agreement Number

## Form 2b Request to Recharge Supplemental Water by a Person

<b>Requesting Entity:</b>	
<b>Date:</b>	
<b>Recharge Agreement Number (Form 2a):</b>	
<b>Date of Watermaster Approval of Recharge Application:</b>	
<b>Source of Supplemental Water:</b>	
<b>Period over which Supplemental Water is proposed to be delivered:</b>	
<b>Volume of Supplemental Water proposed to be recharged in acre-ft:</b>	
<b>Expected rate of delivery of Supplemental water to be recharged (cfs):</b>	
<b>Proposed recharge facilities:</b>	
<b>Proposed conveyance facilities if required to move Supplemental Water to recharge facilities:</b>	
<b>Meter manufacturer, model number and type:</b>	
<b>Measurement unit reported by meter and meter factor to convert direct reads into acre-ft:</b>	
<b>Date meter was installed:</b>	
<b>Date meter was last calibrated:</b>	
<b>Stated accuracy of the meter from the factory or last calibration:</b>	

Narrative description of the proposed recharge event (max 400 characters here or provide information in an attachment):

Narrative description of the proposed metering plan (max 400 characters here or provide information in an attachment):

I declare and affirm under the penalty of perjury that the statements made herein are true and correct to the best of my knowledge, information, and belief. Executed on the \_\_\_ day of \_\_\_\_\_ in the year \_\_\_\_\_ at \_\_\_\_\_.

\_\_\_\_\_

Signature

\_\_\_\_\_

Title





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## Procedure for the Recharge of Supplemental Water by a Person

### Introduction

Section 5.1 of the Peace Agreement provides that any Person<sup>1</sup> may make an application to Watermaster to recharge Supplemental Water in the Chino Basin. Sections 7 and 10 of the Watermaster Rules and Regulations reiterate the conditions of approval and describe the recharge application process, respectively. This document describes the procedure to be used by a Person to recharge Supplemental Water. This procedure includes three main steps:

1. Apply for and obtain Watermaster approval to recharge Supplemental Water;
2. Plan, schedule, coordinate, and execute a Supplemental Water recharge event; and
3. Provide the monitoring and accounting necessary to enable the applicant and Watermaster to determine how much water was actually recharged during a recharge event and to account for the recharged water.

In Step 1, a Person makes an application to the Watermaster to obtain approval to recharge Supplemental Water. Watermaster Form 2a (formerly Form 2) *Application for Recharge* is used to make an application to Watermaster to recharge Supplemental Water. By submitting Form 2a, the Person, if not a Party to the Judgment, agrees to pay the cost associated with the use of recharge facilities, including IEUA and Watermaster staff time to monitor the recharge event and compute the actual recharge.

In Step 2, Watermaster Form 2b *Request to Recharge Supplemental Water by a Person* is used to propose a Supplemental Water recharge event to Watermaster. A Supplemental Water recharge event is a period-specific event where the Person will bring a specified volume of Supplemental Water under their dominion to either their own recharge facility or storm and supplemental water recharge facilities that are integrated into the drainage channels in the Chino Basin<sup>2</sup>. The Step 2 process depends on whether or not the Person intends to recharge supplemental water in its own recharge facilities or in the storm and supplemental water recharge facilities that are integrated into the drainage channels in the Chino Basin. For the former, the Step 2 process is relatively simple.

For the latter, the process is more involved. The Person is required to work with Watermaster and potentially the IEUA to plan, schedule, and coordinate a Supplemental Water recharge event. Watermaster and IEUA staffs need to jointly plan the use of and monitoring of the Person's Supplemental Water recharge event to ensure there are no conflicts in the operation of the facilities with storm and other Supplemental Water recharge activities and maintenance activities, and to ensure that there is capacity to receive the Person's Supplemental Water into the recharge facilities. The Person, Watermaster, and the IEUA need to make sure the Person's Supplemental Water can be and is actually diverted into a recharge basin or facility and recharges in the Chino Basin; this requires planning and monitoring of the recharge event. Upon receiving Form 2b, Watermaster and IEUA staffs will work with the Person to finalize a Recharge Plan, to develop a precise schedule to implement it, and to develop a

<sup>1</sup> The terms "Person" and "Supplemental Water" used herein have the same meaning as those used in the Judgment, the Peace Agreements and the Rules and Regulations.

<sup>2</sup> Recharge Event – An instance of supplemental water recharge in the Chino Basin by a Person authorized under Forms 2a and 2b.

precise coordination plan among specific individuals to complete the recharge event. The recharge event would then occur pursuant to the final Recharge Plan. Every effort will be made to expedite the process to approve Form 2b and the Recharge Plan, especially for time-critical recharge events.

Step 3 involves the reporting and validation of the Supplemental Water recharge event. Once the recharge event is completed, the Person, Watermaster, and potentially the IEUA will need to determine how much of the Supplemental Water provided by the Person actually recharged. Some of the Person's Supplemental Water may have been lost due to losses at the diversion works into the spreading grounds (e.g. blocked inlet, improperly set gates), losses from evaporation<sup>3</sup>, and losses from spillage (e.g. stormwater displacing Supplemental Water, dewatering for maintenance). Watermaster will utilize the meter information provided by the Person and other data collected by the IEUA and Watermaster to estimate actual Supplemental Water recharge. Form 2c *Report of Supplemental Water Recharge by a Person* is used by the Person to provide information on their measurement of the delivery of Supplemental Water to either the Person-owned recharge facility or the storm and supplemental water recharge facilities that are integrated into the drainage channels in the Chino Basin, including information on the meters and the time history of meter readings. The frequency of meter readings will be set during the development of the Recharge Plan. This completed form is to be submitted to Watermaster and IEUA monthly and at the completion of the recharge event for Watermaster's use in estimating Supplemental Water recharge.

These procedures are described in detail below.

### **Step 1 Apply for and Obtain Watermaster Approval to Recharge Supplemental Water**

Any Person seeking to recharge Supplemental Water is required to complete Watermaster Form No. 2a *Application for Recharge*. Form 2a requires the following: the applicant's identification and contact information; summary information on the amount of recharge requested, the rate of recharge and the projected duration of recharge; the source of Supplemental Water and its water quality characterization; the method of recharge; groundwater levels and water quality in the recharge area; and an affirmative statement by the applicant on whether they know if their proposed recharge will cause potential material physical injury (MPI) to a party or to the basin and if so what mitigation measures the applicant proposes to ensure that the proposed recharge does not cause potential MPI. The procedure to make a recharge application is listed below:

1. Person (applicant) completes Form 2a and submits it to Watermaster with backup information.
2. Watermaster staff will review Form 2a for completeness. If the form is determined to be complete, proceed to step 3 immediately below; if incomplete, then Watermaster staff will notify the Person and inform them of deficiencies in the application and return the form so that it can be completed and resubmitted to Watermaster. The approximate time to determine that the request form is complete should not exceed five business days.

For Persons that have not previously contributed to the implementation of the OBMP as a Party to the Judgment, are not in compliance with their continuing covenants under the Peace

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<sup>3</sup> Watermaster staff will develop a uniform method for computing losses due to evaporation based on recent historical data and will update it periodically based on new information.

Agreement or in lieu thereof have paid or delivered to Watermaster "financial equivalent" consideration to offset the cost of past performance prior to the implementation of the OBMP, Watermaster staff will estimate the cost for staff time to monitor the recharge event & compute the supplemental water recharge, and associated O&M.

3. Watermaster staff reviews the completed application and conducts an analysis to determine if the proposed recharge as described in the recharge application will cause potential MPI.
4. If Watermaster staff determines that the proposed recharge will cause potential MPI, Watermaster staff will work with the applicant to develop mitigation measures such that the proposed recharge will not cause MPI.
5. Watermaster will then place the recharge application and MPI assessment on the agenda for subsequent action by the Pool Committees, the Advisory Committee, and the Watermaster Board. This approval process should take no more than 90 days.
6. In special situations where a Person is expected to conduct multiple regular recharge events over a period of several years, Form 2a can be used to approve the recharge of Supplemental Water for up to five years.

### Step 2 Plan, Schedule, Coordinate, and Execute a Supplemental Recharge Event

After Form 2a has been approved and prior to recharging Supplemental Water, a Person must complete and submit Form 2b *Request to Recharge Supplemental Water by a Person* to the Watermaster. Form 2b contains the information necessary to precisely describe the Supplemental Water recharge event desired by the Person. Watermaster and potentially the IEUA will review the submitted form and assess how the recharge event can be executed consistent with the Court-approved management agreements and the Watermaster-approved recharge application. The procedure to plan, schedule, coordinate, and execute a Supplemental Water recharge event is listed below:

1. Person will complete a Form 2b that can be downloaded from the Watermaster website and submit it to Watermaster. The Person will indicate on the form if the planned recharge event will occur in its own recharge facility or the storm and supplemental water recharge facilities that are integrated into the drainage channels in the Chino Basin.
2. Watermaster staff will review the form for completeness. If the form is determined to be complete, proceed to the next step immediately below; if incomplete, Watermaster staff will notify the Person, inform them of the deficiencies in the form, and return the form such that it can be completed and resubmitted. The approximate time to determine if the request form is complete should not exceed five business days. For special situations where a Person is expected to conduct regular recharge events over a period of several years, Form 2b can cover multiple Supplemental Water recharge events over a period of up to five years.
3. If the Person intends to use the storm and supplemental water recharge facilities that are integrated into the drainage channels in the Chino Basin, proceed to 3(a) below; otherwise proceed to 3(b) below.
  - a. Conducting Supplemental Water Recharge in Facilities *not* Owned by Person.
    1. Watermaster and IEUA staffs will review the completed Form 2b and prepare a Recharge Plan to be used by the Person. The Recharge Plan will describe: the specific recharge facilities that will be used, the precise recharge period (starting date and

time and number of days), Supplemental Water delivery rates, the metering practices that will be used to measure the Supplemental Water recharge, and the operations plan and monitoring necessary to accomplish the recharge and account for the water. The IEUA and Watermaster may request other information from the Person other than that was provided in Form 2b<sup>4</sup>. Watermaster staff will provide the Recharge Plan to the Person for their review and acceptance. The review and approval process for the completed Recharge Plan should take no more than 30 days. For time-critical recharge events (e.g. during or immediately after a storm event when a Person's capacity to temporarily store supplemental water may be limited), every effort will be made to expedite this process.

2. The Person will sign onto the Recharge Plan and conduct the recharge event per the Recharge Plan.
  3. The Person will provide Watermaster and the IEUA a five-day notice of its intent to commence recharge; the IEUA and Watermaster must concur within 24 hours that recharge can begin at the requested time.
  4. The Person will provide Watermaster and the IEUA a 24-hour notice of its intent to commence recharge. Watermaster and IEUA reserved discretion to request an adjustment to the approved Recharge Plan at any point prior to the recharge event.
  5. To the extent required by the Recharge Plan, the IEUA will adjust gates and other related hydraulic appurtenances to facilitate basin recharge operations. The Person's staff will not be allowed to adjust gates and other related hydraulic appurtenances to facilitate basin recharge operations.
  6. Watermaster and IEUA staffs will monitor recharge operations, as described in the Recharge Plan. The monitoring will include observations and data collection to verify that the Supplemental Water supplied for recharge by the Person has been diverted into the recharge facility and how much of that water actually recharged.
  7. During recharge operations, the IEUA or Watermaster, ~~at their discretion,~~ may request the Person to cease recharge operations. This could occur ~~due~~ for a variety of reasons including but not limited to an expected stormwater inflow event, unanticipated challenges with the recharge facilities, or some emergency condition. The Person will cease recharge operations when requested by the IEUA or Watermaster. The Person will read their meter when recharge operations cease and will note the meter reading, the time, and the date. Recharge operations can restart with permission from the IEUA or the Watermaster.
  8. When recharge operations are completed, the Person will, on the same day, inform Watermaster and the IEUA by email.
- b. Conducting Supplemental Water Recharge in Person-Owned Recharge Facilities. The Person will be allowed to conduct recharge operations at their facilities as described in

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<sup>4</sup> It is the intent of these procedures to develop monthly estimates of Supplemental Water recharge by source and location and thus the collection and reporting of recharge by the Person will be done in such a way to ensure the monthly accounting of Supplemental Water recharge.

the Recharge Plan<sup>5</sup> developed in 2 above at the Person's discretion. The Person will notify Watermaster at the start and end of each recharge event. During recharge operations, Watermaster staff must have access to the Person-owned recharge facilities and any water meters or measuring devices used to measure recharge to be able to verify the recharge volumes claimed in Form 2c below.

### Step 3 Monitoring and Accounting

During the Supplemental Water recharge event, pursuant to the Recharge Plan, the Person, Watermaster and potentially IEUA staffs will be collecting data to enable Watermaster to properly account for the Supplemental Water entering a recharge facility and recharging in that facility. The procedure to obtain monitoring data and conduct an accounting of the Person's recharge from the Supplemental Water recharge event is listed below:

1. ~~Monthly and at the conclusion of~~ After the Supplemental Water recharge event ~~concludes~~, the Person will complete Watermaster Form 2c *Report of Supplemental Water Recharge by a Person* and submit it to Watermaster ~~and IEUA~~. Watermaster Form 2c contains information on the meters and/or other means to estimate the Supplemental Water diverted into a ~~basin~~ ~~recharge facility~~ and the associated time series of measurements to the Watermaster. For Supplemental Water recharge in the storm and supplemental water recharge facilities that are integrated into the drainage channels in the Chino Basin, The Person will provide the Watermaster a completed Form 2c for each recharge event ~~no less frequently than monthly, and within 7 days of the end of each month~~. For Supplemental Water recharge in Person-owned recharge facilities, Form 2c can document multiple recharge events over a period specified in the Recharge Plan developed from Form 2b.
2. Watermaster will ~~conduct a~~ review ~~of~~ the recharge documentation provided by the Person and prepare an estimate of the actual amount of Supplemental Water recharged. Watermaster will provide the Person with its estimate of the actual amount of Supplemental Water recharged for the Person's review and comment.
3. Watermaster will consider the Person's comments on its recharge estimate and use its discretion to finalize the recharge estimate. Watermaster will subsequently use its finalized Supplemental Water recharge estimate in its accounting.
4. ~~Watermaster staff will estimate the actual staff time and cost incurred to monitor and compute the Supplemental Water recharged, and will invoice the Person for this amount. For Persons that have not previously contributed to the implementation of the OBMP as a Party to the Judgments, are not in compliance with their continuing covenants under the Peace Agreement or in lieu thereof have paid or delivered to Watermaster "financial equivalent" consideration to offset the cost of past performance prior to the implementation of the OBMP, Watermaster will invoice the cost for both IEUA and Watermaster staff time and costs to monitor the recharge event, compute the supplemental water recharge, and O&M associated with this event. This is above and beyond the 6% storage loss being applied to the volume of water being recharged, which is a surrogate for contribution to OBMP implementation.~~

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<sup>5</sup> The intent is that Watermaster will work with the Person proposing to recharge in a Person-owned recharge facility such that the approved form 2b will be the Recharge Plan

4.5.

Draft

## Procedure for the Recharge of Supplemental Water by a Person

### Introduction

Section 5.1 of the Peace Agreement provides that any Person<sup>1</sup> may make an application to Watermaster to recharge Supplemental Water in the Chino Basin. Sections 7 and 10 of the Watermaster Rules and Regulations reiterate the conditions of approval and describe the recharge application process, respectively. This document describes the procedure to be used by a Person to recharge Supplemental Water. This procedure includes three main steps:

1. Apply for and obtain Watermaster approval to recharge Supplemental Water;
2. Plan, schedule, coordinate, and execute a Supplemental Water recharge event; and
3. Provide the monitoring and accounting necessary to enable the applicant and Watermaster to determine how much water was actually recharged during a recharge event and to account for the recharged water.

In Step 1, a Person makes an application to the Watermaster to obtain approval to recharge Supplemental Water. Watermaster Form 2a (formerly Form 2) *Application for Recharge* is used to make an application to Watermaster to recharge Supplemental Water. By submitting Form 2a, the Person, if not a Party to the Judgment, agrees to pay the cost associated with the use of recharge facilities, including IEUA and Watermaster staff time to monitor the recharge event and compute the actual recharge.

In Step 2, Watermaster Form 2b *Request to Recharge Supplemental Water by a Person* is used to propose a Supplemental Water recharge event to Watermaster. A Supplemental Water recharge event is a period-specific event where the Person will bring a specified volume of Supplemental Water under their dominion to either their own recharge facility or storm and supplemental water recharge facilities that are integrated into the drainage channels in the Chino Basin<sup>2</sup>. The Step 2 process depends on whether or not the Person intends to recharge supplemental water in its own recharge facilities or in the storm and supplemental water recharge facilities that are integrated into the drainage channels in the Chino Basin. For the former, the Step 2 process is relatively simple.

For the latter, the process is more involved. The Person is required to work with Watermaster and potentially the IEUA to plan, schedule, and coordinate a Supplemental Water recharge event. Watermaster and IEUA staffs need to jointly plan the use of and monitoring of the Person's Supplemental Water recharge event to ensure there are no conflicts in the operation of the facilities with storm and other Supplemental Water recharge activities and maintenance activities, and to ensure that there is capacity to receive the Person's Supplemental Water into the recharge facilities. The Person, Watermaster, and the IEUA need to make sure the Person's Supplemental Water can be and is actually diverted into a recharge basin or facility and recharges in the Chino Basin; this requires planning and monitoring of the recharge event. Upon receiving Form 2b, Watermaster and IEUA staffs will work with the Person to finalize a Recharge Plan, to develop a precise schedule to implement it, and to develop a

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<sup>1</sup> The terms "Person" and "Supplemental Water" used herein have the same meaning as those used in the Judgment, the Peace Agreements and the Rules and Regulations.

<sup>2</sup> Recharge Event – An instance of supplemental water recharge in the Chino Basin by a Person authorized under Forms 2a and 2b.

precise coordination plan among specific individuals to complete the recharge event. The recharge event would then occur pursuant to the final Recharge Plan. Every effort will be made to expedite the process to approve Form 2b and the Recharge Plan, especially for time-critical recharge events.

Step 3 involves the reporting and validation of the Supplemental Water recharge event. Once the recharge event is completed, the Person, Watermaster, and potentially the IEUA will need to determine how much of the Supplemental Water provided by the Person actually recharged. Some of the Person's Supplemental Water may have been lost due to losses at the diversion works into the spreading grounds (e.g. blocked inlet, improperly set gates), losses from evaporation<sup>3</sup>, and losses from spillage (e.g. stormwater displacing Supplemental Water, dewatering for maintenance). Watermaster will utilize the meter information provided by the Person and other data collected by the IEUA and Watermaster to estimate actual Supplemental Water recharge. Form 2c *Report of Supplemental Water Recharge by a Person* is used by the Person to provide information on their measurement of the delivery of Supplemental Water to either the Person-owned recharge facility or the storm and supplemental water recharge facilities that are integrated into the drainage channels in the Chino Basin, including information on the meters and the time history of meter readings. The frequency of meter readings will be set during the development of the Recharge Plan. This completed form is to be submitted to Watermaster and IEUA monthly and at the completion of the recharge event for Watermaster's use in estimating Supplemental Water recharge.

These procedures are described in detail below.

### **Step 1 Apply for and Obtain Watermaster Approval to Recharge Supplemental Water**

Any Person seeking to recharge Supplemental Water is required to complete Watermaster Form No. 2a *Application for Recharge*. Form 2a requires the following: the applicant's identification and contact information; summary information on the amount of recharge requested, the rate of recharge and the projected duration of recharge; the source of Supplemental Water and its water quality characterization; the method of recharge; groundwater levels and water quality in the recharge area; and an affirmative statement by the applicant on whether they know if their proposed recharge will cause potential material physical injury (MPI) to a party or to the basin and if so what mitigation measures the applicant proposes to ensure that the proposed recharge does not cause potential MPI. The procedure to make a recharge application is listed below:

1. Person (applicant) completes Form 2a and submits it to Watermaster with backup information.
2. Watermaster staff will review Form 2a for completeness. If the form is determined to be complete, proceed to step 3 immediately below; if incomplete, then Watermaster staff will notify the Person and inform them of deficiencies in the application and return the form so that it can be completed and resubmitted to Watermaster. The approximate time to determine that the request form is complete should not exceed five business days.

For Persons that have not previously contributed to the implementation of the OBMP as a Party to the Judgment, are not in compliance with their continuing covenants under the Peace

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<sup>3</sup> Watermaster staff will develop a uniform method for computing losses due to evaporation based on recent historical data and will update it periodically based on new information.

Agreement or in lieu thereof have paid or delivered to Watermaster "financial equivalent" consideration to offset the cost of past performance prior to the implementation of the OBMP, Watermaster staff will estimate the cost for staff time to monitor the recharge event & compute the supplemental water recharge, and associated O&M.

3. Watermaster staff reviews the completed application and conducts an analysis to determine if the proposed recharge as described in the recharge application will cause potential MPI.
4. If Watermaster staff determines that the proposed recharge will cause potential MPI, Watermaster staff will work with the applicant to develop mitigation measures such that the proposed recharge will not cause MPI.
5. Watermaster will then place the recharge application and MPI assessment on the agenda for subsequent action by the Pool Committees, the Advisory Committee, and the Watermaster Board. This approval process should take no more than 90 days.
6. In special situations where a Person is expected to conduct multiple regular recharge events over a period of several years, Form 2a can be used to approve the recharge of Supplemental Water for up to five years.

### Step 2 Plan, Schedule, Coordinate, and Execute a Supplemental Recharge Event

After Form 2a has been approved and prior to recharging Supplemental Water, a Person must complete and submit Form 2b *Request to Recharge Supplemental Water by a Person* to the Watermaster. Form 2b contains the information necessary to precisely describe the Supplemental Water recharge event desired by the Person. Watermaster and potentially the IEUA will review the submitted form and assess how the recharge event can be executed consistent with the Court-approved management agreements and the Watermaster-approved recharge application. The procedure to plan, schedule, coordinate, and execute a Supplemental Water recharge event is listed below:

1. Person will complete a Form 2b that can be downloaded from the Watermaster website and submit it to Watermaster. The Person will indicate on the form if the planned recharge event will occur in its own recharge facility or the storm and supplemental water recharge facilities that are integrated into the drainage channels in the Chino Basin.
2. Watermaster staff will review the form for completeness. If the form is determined to be complete, proceed to the next step immediately below; if incomplete, Watermaster staff will notify the Person, inform them of the deficiencies in the form, and return the form such that it can be completed and resubmitted. The approximate time to determine if the request form is complete should not exceed five business days. For special situations where a Person is expected to conduct regular recharge events over a period of several years, Form 2b can cover multiple Supplemental Water recharge events over a period of up to five years.
3. If the Person intends to use the storm and supplemental water recharge facilities that are integrated into the drainage channels in the Chino Basin, proceed to 3(a) below; otherwise proceed to 3(b) below.
  - a. Conducting Supplemental Water Recharge in Facilities *not* Owned by Person.
    1. Watermaster and IEUA staffs will review the completed Form 2b and prepare a Recharge Plan to be used by the Person. The Recharge Plan will describe: the specific recharge facilities that will be used, the precise recharge period (starting date and

time and number of days), Supplemental Water delivery rates, the metering practices that will be used to measure the Supplemental Water recharge, and the operations plan and monitoring necessary to accomplish the recharge and account for the water. The IEUA and Watermaster may request other information from the Person other than that was provided in Form 2b<sup>4</sup>. Watermaster staff will provide the Recharge Plan to the Person for their review and acceptance. The review and approval process for the completed Recharge Plan should take no more than 30 days. For time-critical recharge events (e.g. during or immediately after a storm event when a Person's capacity to temporarily store supplemental water may be limited), every effort will be made to expedite this process.

2. The Person will sign onto the Recharge Plan and conduct the recharge event per the Recharge Plan.
  3. The Person will provide Watermaster and the IEUA a five-day notice of its intent to commence recharge; the IEUA and Watermaster must concur within 24 hours that recharge can begin at the requested time.
  4. The Person will provide Watermaster and the IEUA a 24-hour notice of its intent to commence recharge. Watermaster and IEUA reserved discretion to request an adjustment to the approved Recharge Plan at any point prior to the recharge event.
  5. To the extent required by the Recharge Plan, the IEUA will adjust gates and other related hydraulic appurtenances to facilitate basin recharge operations. The Person's staff will not be allowed to adjust gates and other related hydraulic appurtenances to facilitate basin recharge operations.
  6. Watermaster and IEUA staffs will monitor recharge operations, as described in the Recharge Plan. The monitoring will include observations and data collection to verify that the Supplemental Water supplied for recharge by the Person has been diverted into the recharge facility and how much of that water actually recharged.
  7. During recharge operations, the IEUA or Watermaster, may request the Person to cease recharge operations. This could occur for a variety of reasons including but not limited to an expected stormwater inflow event, unanticipated challenges with the recharge facilities, or some emergency condition. The Person will cease recharge operations when requested by the IEUA or Watermaster. The Person will read their meter when recharge operations cease and will note the meter reading, the time, and the date. Recharge operations can restart with permission from the IEUA or the Watermaster.
  8. When recharge operations are completed, the Person will, on the same day, inform Watermaster and the IEUA by email.
- b. Conducting Supplemental Water Recharge in Person-Owned Recharge Facilities. The Person will be allowed to conduct recharge operations at their facilities as described in

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<sup>4</sup> It is the intent of these procedures to develop monthly estimates of Supplemental Water recharge by source and location and thus the collection and reporting of recharge by the Person will be done in such a way to ensure the monthly accounting of Supplemental Water recharge.

the Recharge Plan<sup>5</sup> developed in 2 above at the Person's discretion. The Person will notify Watermaster at the start and end of each recharge event. During recharge operations, Watermaster staff must have access to the Person-owned recharge facilities and any water meters or measuring devices used to measure recharge to be able to verify the recharge volumes claimed in Form 2c below.

### Step 3 Monitoring and Accounting

During the Supplemental Water recharge event, pursuant to the Recharge Plan, the Person, Watermaster and potentially IEUA staffs will be collecting data to enable Watermaster to properly account for the Supplemental Water entering a recharge facility and recharging in that facility. The procedure to obtain monitoring data and conduct an accounting of the Person's recharge from the Supplemental Water recharge event is listed below:

1. Monthly and at the conclusion of the Supplemental Water recharge event, the Person will complete Watermaster Form 2c *Report of Supplemental Water Recharge by a Person* and submit it to Watermaster and IEUA. Watermaster Form 2c contains information on the meters and/or other means to estimate the Supplemental Water diverted into a recharge facility and the associated time series of measurements to the Watermaster. For Supplemental Water recharge in the storm and supplemental water recharge facilities that are integrated into the drainage channels in the Chino Basin, The Person will provide the Watermaster a completed Form 2c for each recharge event no less frequently than monthly, and within 7 days of the end of each month. For Supplemental Water recharge in Person-owned recharge facilities, Form 2c can document multiple recharge events over a period specified in the Recharge Plan developed from Form 2b.
2. Watermaster will review the recharge documentation provided by the Person and prepare an estimate of the actual amount of Supplemental Water recharged. Watermaster will provide the Person with its estimate of the actual amount of Supplemental Water recharged for the Person's review and comment.
3. Watermaster will consider the Person's comments on its recharge estimate and use its discretion to finalize the recharge estimate. Watermaster will subsequently use its finalized Supplemental Water recharge estimate in its accounting.
4. For Persons that have not previously contributed to the implementation of the OBMP as a Party to the Judgments, are not in compliance with their continuing covenants under the Peace Agreement or in lieu thereof have paid or delivered to Watermaster "financial equivalent" consideration to offset the cost of past performance prior to the implementation of the OBMP, Watermaster will invoice the cost for both IEUA and Watermaster staff time and costs to monitor the recharge event, compute the supplemental water recharge, and O&M associated with this event. This is above and beyond the 6% storage loss being applied to the volume of water being recharged, which is a surrogate for contribution to OBMP implementation.

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<sup>5</sup> The intent is that Watermaster will work with the Person proposing to recharge in a Person-owned recharge facility such that the approved form 2b will be the Recharge Plan

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# **CHINO BASIN WATERMASTER**

## **II. BUSINESS ITEMS (Advisory Committee)**

### **F. CALENDAR YEAR 2017 VOLUME VOTE**



# CHINO BASIN WATERMASTER

9641 San Bernardino Road, Rancho Cucamonga, Ca 91730  
Tel: 909.484.3888 Fax: 909.484.3890 www.cbwm.org

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: November 17, 2016  
TO: Advisory Committee Members  
SUBJECT: Calendar Year 2017 Advisory Committee Volume Vote (Business Item II.F.)

### SUMMARY

Issue: Volume Vote calculations for the new calendar year are performed annually and Parties are allocated a voting percentage.

Recommendation: Approve the Calendar Year 2017 Advisory Committee Volume Vote as presented subject to Board approval of the 2016/17 Assessment Package.

Financial Impact: None.

Future Consideration  
Advisory Committee – November 17, 2016: Approve the Calendar Year 2017 Advisory Committee Volume Vote as presented.

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ACTIONS:  
November 17, 2016 – Advisory Committee:

## BACKGROUND

Following the approval of the Assessment Package each year, Volume Vote calculations for the new calendar year are performed and Parties are allocated a voting percentage. The Fiscal Year 2016/2017 Assessment Package is scheduled for Board approval at its November 2016 meeting.

The total voting power on the Advisory Committee is 100 votes, allocated among the three Pools in proportion to the total assessments paid to Watermaster during the preceding production year. The minimum voting power of each pool shall never be less than 20 votes for the Overlying (Agricultural) Pool, five votes for the Overlying (Non-Agricultural) Pool, and 20 votes for the Appropriative Pool. Within the Appropriative Pool, the voting power is apportioned between the Major Appropriator representatives in proportion to their respective voting power in the Appropriative Pool Committee. The remaining two (Minor) representatives exercise equally the voting power proportional to the Appropriative Pool Committee voting power of all remaining Appropriators.

## DISCUSSION

All Water Activity Reports have now been received, and the Volume Vote has now been calculated. Once the Fiscal Year 2016/17 Assessment Package is approved, the Volume Vote will be final.

The Advisory Committee Volume Vote for Calendar Year 2017 allocation is attached (Attachment 1). The current year Volume Vote is also attached for reference (Attachment 2).

## ATTACHMENTS

1. 2017 Advisory Committee Volume Vote table
2. Current year (2016) Advisory Committee Volume Vote table



## Chino Basin Watermaster 2017 Advisory Committee Volume Vote

Assessment Year 2016-2017 (Production Year 2015-2016)

	Pool 3 Vote	% Vote	Advisory Vote
Minor 1	42.104	4.210%	3.158
Minor 2	42.104	4.210%	3.158
Chino Hills, City Of	27.863	2.786%	2.090
Chino, City Of	36.782	3.678%	2.759
Cucamonga Valley Water District	147.205	14.720%	11.040
Fontana Union Water Company	58.283	5.828%	4.371
Fontana Water Company	85.193	8.519%	6.390
Jurupa Community Services District	68.584	6.858%	5.144
Monte Vista Water District	89.611	8.961%	6.721
Ontario, City Of	204.115	20.412%	15.309
Pomona, City Of	157.683	15.768%	11.826
Upland, City Of	40.473	4.047%	3.036
			<b>75.000</b>
AGRICULTURAL POOL			20.000
NON-AGRICULTURAL POOL			5.000
			<b>25.000</b>
<b>TOTAL</b>			<b>100.000</b>



## Chino Basin Watermaster 2016 Advisory Committee Volume Vote

Assessment Year 2015-2016 (Production Year 2014-2015)

	Pool 3 Vote	% Vote	Advisory Vote
Minor 1	46.029	4.603%	3.452
Minor 2	46.029	4.603%	3.452
Chino Hills, City Of	41.019	4.102%	3.077
Chino, City Of	36.782	3.678%	2.759
Cucamonga Valley Water District	120.035	12.003%	9.003
Fontana Union Water Company	58.283	5.828%	4.371
Fontana Water Company	79.337	7.934%	5.950
Jurupa Community Services District	92.905	9.291%	6.968
Monte Vista Water District	84.896	8.490%	6.367
Ontario, City Of	171.664	17.166%	12.875
Pomona, City Of	176.702	17.670%	13.253
Upland, City Of	46.319	4.632%	3.474
			<b>75.000</b>
AGRICULTURAL POOL			20.000
NON-AGRICULTURAL POOL			5.000
			<b>25.000</b>
<b>TOTAL</b>			<b>100.000</b>

# **CHINO BASIN WATERMASTER**

## **II. BUSINESS ITEMS (Watermaster Board)**

- F. CBWM ANNUAL FINANCIAL REPORT FOR THE FISCAL YEARS ENDED JUNE 30, 2016 AND 2015; AND THE CHINO BASIN WATERMASTER MANAGEMENT REPORT FOR JUNE 30, 2016**



# CHINO BASIN WATERMASTER

9641 San Bernardino Road, Rancho Cucamonga, Ca 91730  
Tel: 909.484.3888 Fax: 909.484.3890 www.cbwm.org

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: November 17, 2016  
TO: Board Members  
SUBJECT: Chino Basin Watermaster Annual Financial Report for the Fiscal Years Ended June 30, 2016 and 2015; and the Chino Basin Watermaster Management Report for June 30, 2016 (Business Item II.F.)

### SUMMARY

Issue: Two reports (Annual Financial Report for the Fiscal Years Ended June 30, 2016 and 2015 dated November 17, 2016; and Management Report for June 30, 2016 dated November 17, 2016) have been prepared.

Recommendation: Receive and file (1) the Chino Basin Watermaster Annual Financial Report for the Fiscal Years Ended June 30, 2016 and 2015 dated November 17, 2016; and (2) the Chino Basin Watermaster Management Report for June 30, 2016 dated November 17, 2016.

Financial Impact: There is no financial impact.

Future Consideration  
Watermaster Board – November 17, 2016: Receive and File (Normal Course of Business)

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ACTIONS:  
November 17, 2016 – Watermaster Board:

## BACKGROUND

Chino Basin Watermaster is required to have an annual audit every year.

## DISCUSSION

Attached is the Chino Basin Watermaster Annual Financial Report for the Fiscal Years Ended June 30, 2016 and 2015 dated November 17, 2016; and the Chino Basin Watermaster Management Report for June 30, 2016 dated November 17, 2016. Please note that these reports are in draft format and the final version will be distributed several weeks after the Board has received and filed the draft reports. Watermaster does not anticipate or expect any material changes between the draft and final versions. Both the Annual Financial Report and the Management Report was issued by the audit firm of Fedak & Brown LLP, Watermaster's auditor.

The Independent Auditor's Report is detailed on pages 4-6 of the Annual Financial Report. Fedak & Brown LLP audited the financial statements of Chino Basin Watermaster as of and for the years ended June 30, 2016 and 2015. In the opinion of Fedak & Brown LLP, the financial statements referred to above present fairly, in all material respects, the respective financial position of the Watermaster, as of June 30, 2016 and 2015, and the respective changes in financial position, and, where applicable, cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Furthermore, Fedak & Brown LLP made the following comments with respect to the audit:

1. Performed the audit according to the planned scope and timing requirements as previously communicated to management as stated in the Audit Engagement letter dated March 3, 2016.
2. Noted no transactions entered into by the Watermaster during fiscal years 2016 and 2015 for which there is a lack of authoritative guidance or consensus. All significant transactions have been recognized in the financial statement in the proper period.
3. Noted no issues with Management's Judgments, Accounting Estimates and Financial Disclosures.
4. Noted seven audit adjustments and or reclassifying journal entries recorded to adjust the original trial balance presented to the auditors at the start of the audit.
  - a. Five audit adjustments and or reclassifying journal entries were recorded with the adoption of GASB Nos 68 and 71 (Year 2).
  - b. One audit adjustment and or reclassifying journal entry in the amount of \$26,253.22 was recorded to reverse prepayments that were paid after fiscal year end; and one audit adjustment and or reclassifying journal entry in the amount of \$109,982.49 was recorded to accrue an IEUA payable for the East Declez Basin Project #1 as of June 30, 2016.
5. Watermaster did not consult with other accountants about auditing and accounting matters.
6. There were no other audit findings or issues.
7. Encountered no difficulties in dealing with management in performing and completing the audit.
8. No disagreements with Watermaster management arose during the course of the audit of Watermaster.

## ATTACHMENTS

1. The Chino Basin Watermaster Annual Financial Report For the Fiscal Years Ended June 30, 2016 and 2015 dated November 17, 2016 – Please access this link  
[http://www.cbwm.org/FTP/FY%202015-16%20Annual%20Financial%20Audit%20\(DRAFT\)/CBWM%20Draft%20FS%202016.pdf](http://www.cbwm.org/FTP/FY%202015-16%20Annual%20Financial%20Audit%20(DRAFT)/CBWM%20Draft%20FS%202016.pdf)

2. The Chino Basin Watermaster Management Report for June 30, 2016 dated November 17, 2016  
– Please access this link  
[http://www.cbwm.org/FTP/FY%202015-16%20Annual%20Financial%20Audit%20\(DRAFT\)/CBWM%20Draft%20Management%20Report%202016.pdf](http://www.cbwm.org/FTP/FY%202015-16%20Annual%20Financial%20Audit%20(DRAFT)/CBWM%20Draft%20Management%20Report%202016.pdf)

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# CHINO BASIN WATERMASTER

## III. REPORTS/UPDATES (Advisory Committee)

### E. INLAND EMPIRE UTILITIES AGENCY

1. MWD Update (Written)
2. Community Outreach/Public Relations Report
3. State and Federal Legislative Reports



## CHINO BASIN WATERMASTER

### ADVISORY COMMITTEE

November 17, 2016

### INLAND EMPIRE UTILITIES AGENCY REPORTS

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#### **Discussion Items:**

- IEUA Updates (Written)

#### **Written Items:**

- State and Federal Legislative Reports
- Community Outreach/Public Relations Report
- IEUA Drought Newsletter

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**CBWM Advisory Committee Meeting  
November 17, 2016**

IEUA Updates – Discussion

**Imported Water Rates:**

- The new imported water rates and charges took effect on October 1, 2016 per IEUA Resolution 2016-6-15. Staff is preparing a summary report of the proposed Readiness-to-Serve change and will forward in the coming weeks.

**Notice for Rialto Pipeline Shutdown:**

- MWD will inspect the pipeline to determine the condition of the pre-stressed rings. The shutdown is scheduled for November 14-19, 2016, and will commence at 12:01am. Pending results of the inspection, MWD could schedule another.

**Salinity Update:**

- Water supply changes from the drought have increased salinity levels. IEUA has initiated discussions with the Regional Water Quality Control Board and Chino Basin Watermaster to further develop near- and long-term strategies for managing salinity. In October, IEUA, Wildermuth Environmental and the Regional Water Quality Control Board met to discuss the concerns with increasing levels of salinity in the water supply. A proposal will be developed seeking longer term averaging for IEUA's waste water treatment plan permitted limit via a Basin Plan Amendment. The proposal may include updating groundwater modeling, updating anti-degradation analysis and reinforcing the commitment to water quality in light of a longer averaging period. Efforts by SAWPA's Basin Monitoring Program Task Force are also being undertaken to coordinate a study of TDS trends in Southern California. The Southern California Salinity Coalition, National Water Research Institute and the Southern California Water Committee will host the Southern California Salinity Management Summit on November 17th to provide a forum to share current practices for managing salinity in the water supply and to discuss strategies to meet salinity objectives under drought and changed conditions.

### **Integrated Water Resources Plan (IRP) Phase 2:**

- Phase 2 of the IRP kicked off in September 2016. The Projects List is being updated to include local and regional water agency projects, and local infrastructure information is being gathered for the upcoming development of a single-line regional modeling schematic. Modeling work will include developing a financial evaluation and local project infrastructure and interconnection schematics which can align with the larger SARCCUP model and the Chino Basin Water Bank discussions. A Master Contract RFP has been drafted for the modeling work and financial evaluations and will be posted in November.

### **SARCCUP:**

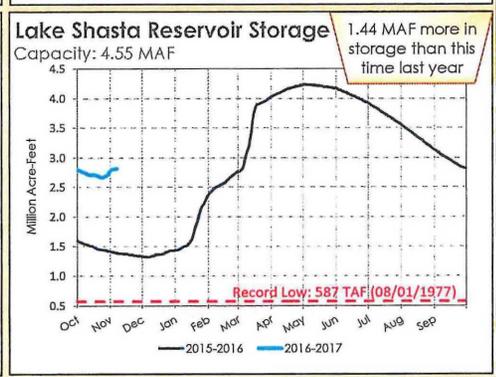
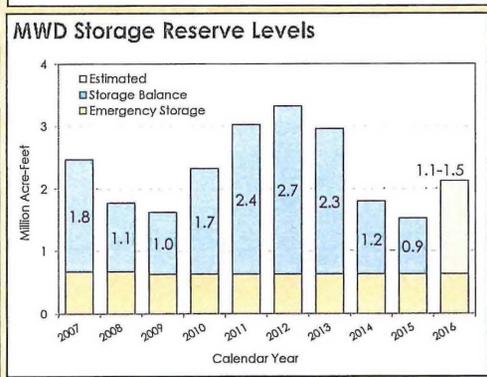
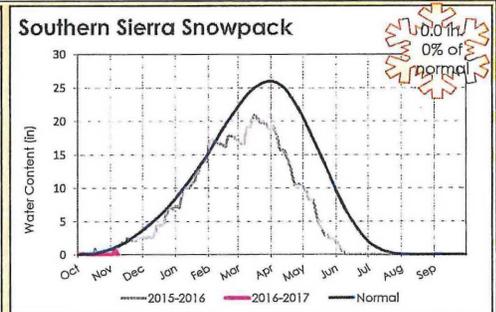
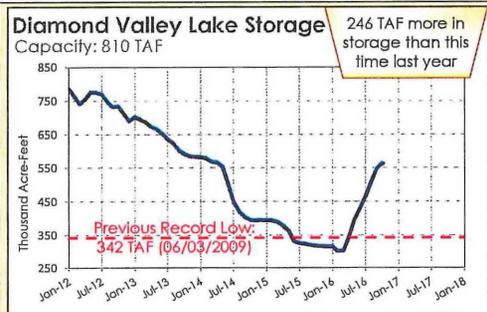
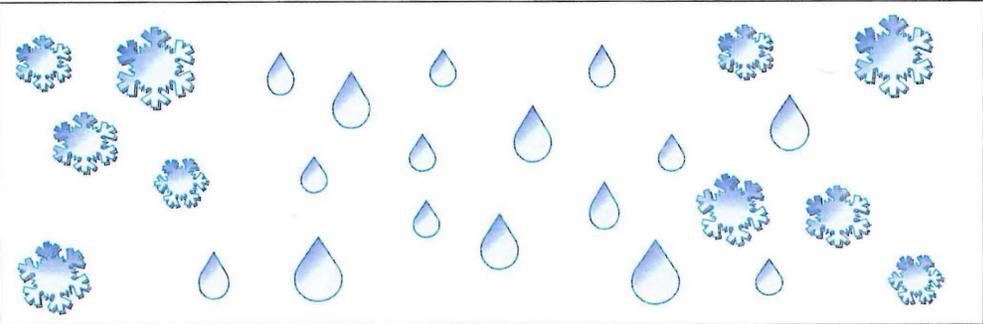
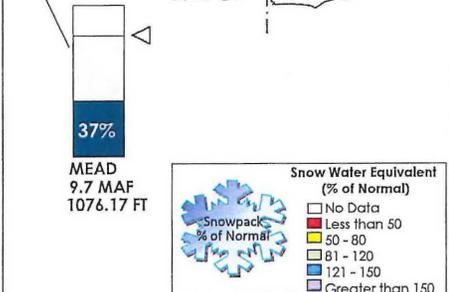
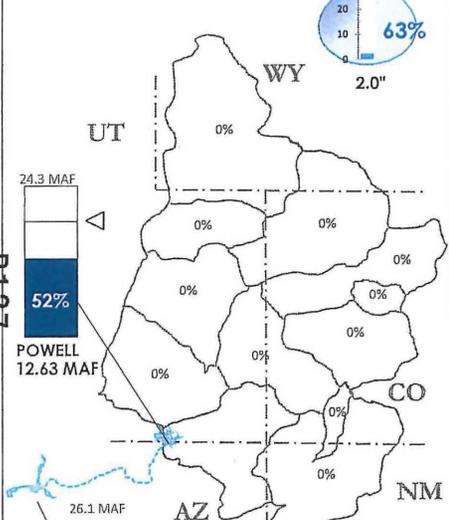
- The Santa Ana River Conservation & Conjunctive Use Program (SARCCUP) is being implemented by the five member agencies of SAWPA with \$55M in grant funding from California Department of Water Resources (DWR). Total cost for SARCCUP is \$100M with SAWPA member agencies each adding \$9M in matching funds.
  1. The DWR grant contract was finalized with SAWPA in September 2016. Sub-agreements with member agencies are currently being drafted with expected completion by December 2016.
  2. CEQA evaluation for the program is in progress. Notice of Preparation was released in October 2016. Scoping meeting is expected to be scheduled for December 6th at 6:00 PM. The Programmatic EIR is expected to be completed by June 2017.
  3. A Technical Memorandum regarding details on a Decision Support Model (DSM) will be finalized by November 2016. The objective of the DSM is to simulate anticipated operation of the SARCCUP facilities, identify potential constraints, optimize the operation and quantify the benefits and costs of the overall program.
  4. A RFP will be solicited to select qualified consultants to help the Region further develop SARCCUP in the Chino Basin. RFP to close early December.

### **Soil Moisture Sensor Program for Farmers:**

On November 9, 2016, IEUA presented its soil moisture sensor program to the CBWM Agricultural Pool. Consistent with the Integrated Resources Water Plan developed for the region to provide long-term water resource planning, IEUA seeks to expand water efficiency efforts across basin users. Agricultural water users provide food and feed products for local users; IEUA would like to provide farmers with tools that can help with providing these valuable products while sustaining water supplies throughout the basin. This program offers soil moisture sensors, installation and training for participating farm sites in the Chino Basin. IEUA requested CBWM's assistance with forwarding the soil moisture sensor program information to farmers who may be interested in participating.

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**2016 Colorado River**  
865,000 AF  
69% of full CRA  
Does not include storage withdrawals or exchanges

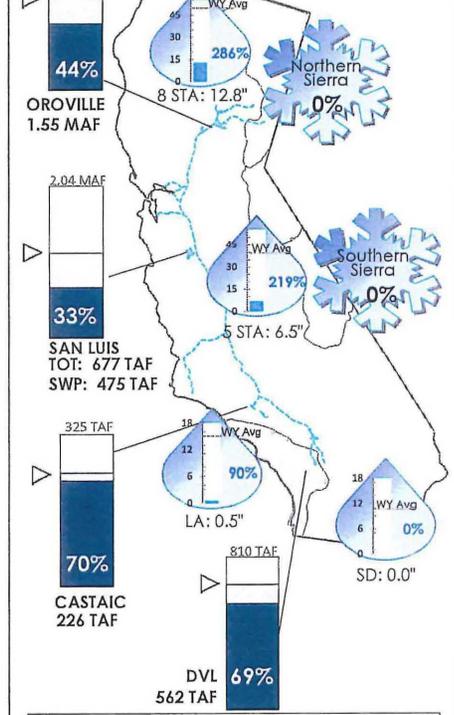


This report is produced by the Water Resource Management and contains information from various federal, state, and local agencies. The Metropolitan Water District of Southern California cannot guarantee the accuracy or completeness of this information. Readers should refer to the relevant state, federal, and local agencies for additional or for the most up to date water supply information. Reservoirs, lakes, aqueducts, maps, watersheds, and all other visual representations on this report are not drawn to scale.

<http://www.mwdh2o.com/WSCR>

This report is best printed double sided on legal size paper (8.5" x 14") and folded in quarters

**2016 SWP Allocation**  
1,146,900 AF  
60% of Table A



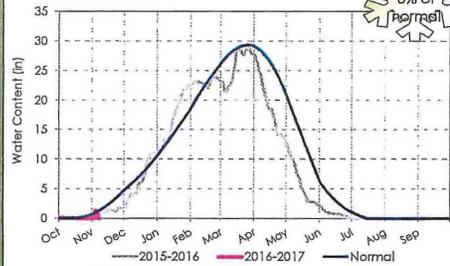
Legend:  
 - Rainfall to Date (in)  
 - WY Avg  
 - % Normal WY to Date  
 - Capacity  
 - Average EOM  
 - Current Storage (% Capacity)

P127

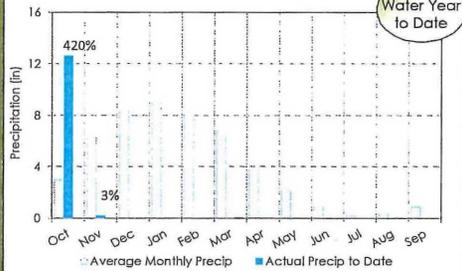
As of: 11/07/2016

## State Water Project Resources

### Northern Sierra Snowpack



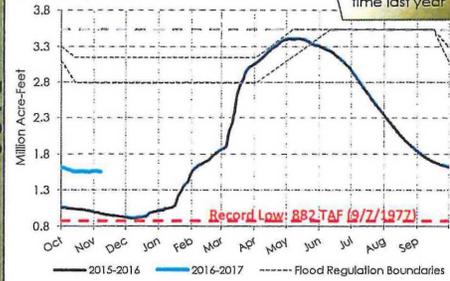
### 8 Station Index Precip



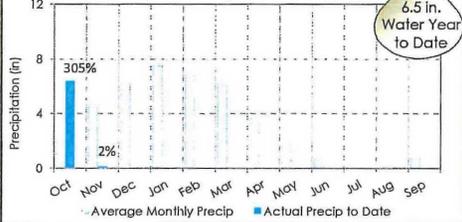
### Oroville Reservoir Storage

Capacity: 3.5 MAF

570 TAF more in storage than this time last year



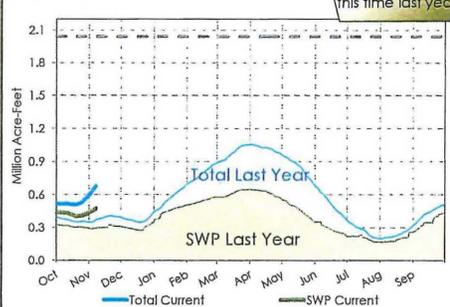
### 5 Station Index Precip



### San Luis Reservoir Storage

Capacity: 2.04 MAF

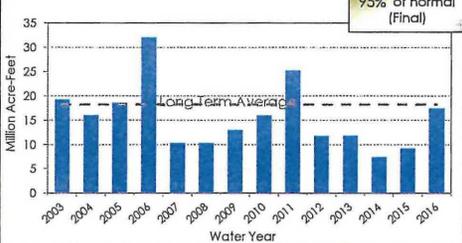
181 TAF more in storage than this time last year



### Other SWP Contract Supplies for 2016 (AF)

Transfer Supplies	0
Multi Year Pool	7,000
Pool A/B (Purchased)	0
Article 56 (Prior Cal. Year(s) CO)	2,400

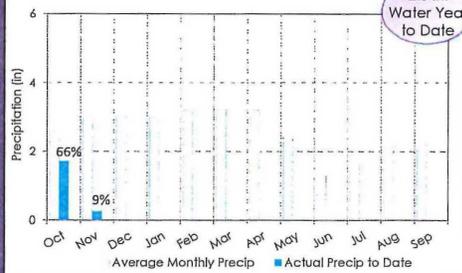
### Sacramento River Runoff



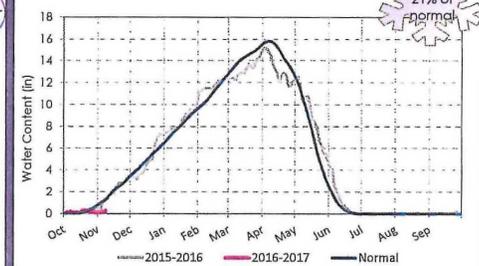
## Colorado River Resources

As of: 11/07/2016

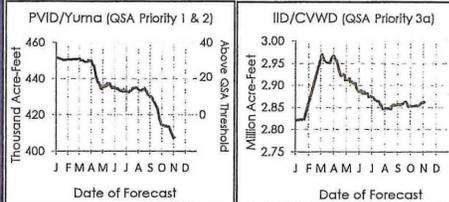
### Upper Colorado Basin Precip



### Upper Colorado Basin Snowpack



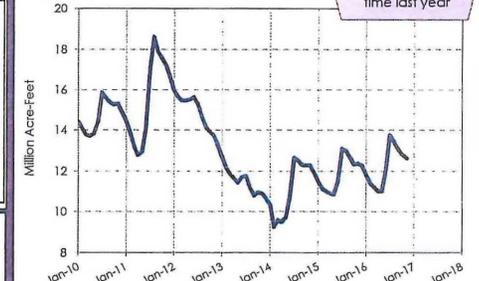
### 2016 Colorado River Ag Use



### Lake Powell Storage

Capacity: 24.3 MAF

259 TAF more in storage than this time last year



### Lake Mead Shortage/Surplus Outlook

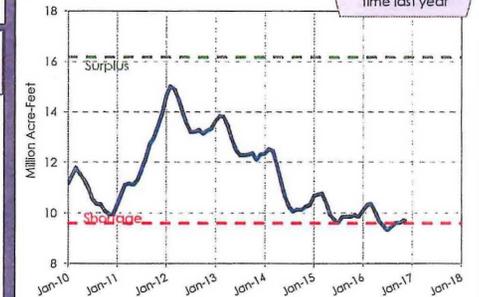
	2017	2018	2019	2020	2021
Shortage	0%	48%	60%	60%	55%
Surplus	0%	0%	5%	8%	14%

† Likelihood based on results from the August 2016 USBR/Colorado River Simulation system model run

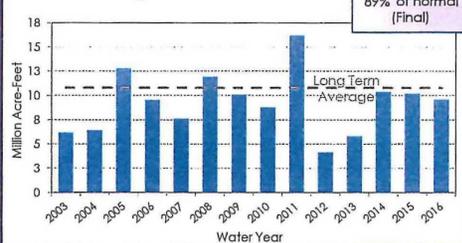
### Lake Mead Storage

Capacity: 26.1 MAF

244 TAF less in storage than this time last year



### Powell Unregulated Inflow



PT 28



CALIFORNIA STRATEGIES, LLC

Date: October 28, 2016  
To: Inland Empire Utilities Agency  
From: John Withers, Jim Brulte  
Re: October Activity Report

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Listed below is the California Strategies, LLC monthly activity report. Please feel free to call us if you have any questions or would like to receive any more information on any of the items mentioned below.

- Met with Executive Management Team to review priority issues and to discuss activities for October that Executive Staff wanted accomplished
- Discussed Little Hoover Commission hearing results and follow up
- Reviewed Chino Basin Water Bank project concept and formation JPA
- Support and advised on IEUA/SBVMWD transfer transaction on an as needed basis.
- Reviewed Water Rates progress with member agencies and Regional Contract renewal.
- Continue to monitor statewide water issues including The Water Fix, water bond, and drought relief act activities. Made recommendation regarding the request for money from various state special funds.
- Monitor Santa Ana Regional Board agenda and issues of interest to IEUA including the Ontario Plume settlement
- Respond to requests for information from IEUA Directors.

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**October 28, 2016**

**To:** Inland Empire Utilities Agency  
**From:** Michael Boccadoro  
President  
**RE:** October Legislative Report

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**Overview:**

Sacramento has been very quiet with the election fast approaching. Members are in their districts campaigning and getting ready for the coming session.

In addition to a number of bills re-capped last month, the Governor also signed a suite of bills relating to energy storage. Increasing energy storage procurement mandates, increased funding for the Self Generation Incentive Program, and streamlining the interconnection dispute process between utilities and customers are a few of the energy storage changes that will go into effect on January 1, 2017.

Southern California Edison (SCE) has filed their 2018-2020 General Rate Case asking for more than a \$2.3 billion increase. The driving force behind the large request is a proposed \$2.1 billion plan to improve safety and reliability and support increased levels of distributed energy.

In a separate application, SCE has also proposed to revise the time-of-use periods. The proposal would shift the periods from between noon and 6:00 p.m. to between 4:00 p.m. and 9:00 p.m. The driving force behind the shift is to accommodate for the significant increase of solar energy on the grid during the day. The shift will potentially have significant effects on the pay-back period for any projects not tied to battery storage.

The Public Policy Institute of California (PPIC) recently released a series of short reports on different aspects in California water management. They include: climate change and water; the Colorado River; energy and water; managing droughts; paying for water; preparing for floods; protecting headwaters; the Sacramento-San Joaquin Delta; storing water; water for cities; water for the environment; and water for farms. The reports provide a solid overview of some of the many water supply management issues facing the state. They may also provide ideas for potential legislation in the upcoming legislative session.

The Little Hoover Commission recently met for a "Public Hearing on Special Districts." The Association of California Water Agencies (ACWA), East Bay Municipal Utility District (EBMUD), Rancho California Water District, Sanitation Districts of Los Angeles County (LACSD), Fresno Metropolitan Flood Control District and Santa Clara Valley Water District all spoke at the hearing....

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## Inland Empire Utilities Agency Status Report – October 2016

### *Energy Storage*

Just days before the end of session deadline, Governor Brown signed a number of bills aimed to accelerate the market for distributed energy storage, and encourage greater utilization of bulk energy storage.

- AB 1637 (Low) adds \$249 million to the CPUC's Self Generation Incentive Program (SGIP), of which three-quarters is allocated to energy storage projects. The measure also allows fuel cells to net-energy meter up to 5 MWs, up from 1 MW.
- AB 2861 (Ting) creates a streamlined process for resolving disputes between utilities and their customers over the interconnection of behind-the-meter storage systems.
- AB 2868 (Gatto) expands the state's energy storage procurement target by 500 MWs to 1,825 MWs.
- AB 33 (Quirk) requires state energy regulators to give greater consideration to pumped storage and other long-duration bulk energy storage resources to help meet the state's renewable energy targets.

These measures are just the start of policies that will be needed to help achieve the state's aggressive renewable energy and greenhouse gas reduction goals. Storing energy during peak production times, and feeding it back into the grid during peak demand hours is a growing strategy to meet the state's goals. As more energy storage is tested and deployed, the cost will likely decrease making storage technology more accessible throughout California.

### *SCE files 2018-2020 Phase One General Rate Case*

Southern California Edison (SCE) has kicked off their 2018-2020 General Rate Case proceeding with a significant rate increase request. The utility has asked for a more than \$2.3 billion cumulative increase. Broken down, they are requesting a 4 percent increase in 2018 and a 9 percent increase over present rates in both 2019 and 2020. The driving force behind the large request is a proposed \$2.1 billion plan to improve safety and reliability and support increased levels of distributed energy.

To bolster its case for a \$2.1 billion capital investment to "build the power grid of the future," SCE released a white paper outlining the utility's vision for an electric grid that relies heavily on distributed energy resources. SCE sees itself as uniquely situated to coordinate grid operations and networks.

Of the \$2.1 billion requested for grid modernization, SCE plans to spend about half on safety and reliability, with the other half to enable more distributed energy. The upgrades include existing infrastructure such as substations and areas where there are capacity problems. SCE estimates it will take about 10 years to modernize roughly 60 percent of SCE's total distribution circuits. The white paper also noted that while there are no estimates for future rate cases, it is likely that

they would require the same levels, or higher in the next few cases, which pencils out to more than \$6 billion in expenditures to modernize its distribution grid over the next decade or so.

The Office of Ratepayer Advocates, The Utility Reform Network and other “ratepayer advocacy groups” have all filed protests to the application and will now begin the process of attempting to negotiate a settlement with SCE.

### *SCE Files to Change Time-of-Use Periods*

Southern California Edison (SCE) has filed an application at the California Public Utilities Commission (CPUC) to significantly shift time-of-use (TOU) periods. The proposal would move the peak period from weekday afternoons to weekday evenings to reflect the steep demand “ramps” during the hours when renewable resources trail-off and customer demand remains high. The proposal is to shift from a 12:00 p.m.-6:00 p.m. peak to a 4:00 p.m.- 9:00 p.m. peak.

### *PPIC Water Report*

The Public Policy Institute of California (PPIC) recently released a series of short reports on different aspects in California water management. They include: climate change and water; the Colorado River; energy and water; managing droughts; paying for water; preparing for floods; protecting headwaters; the Sacramento-San Joaquin Delta; storing water; water for cities; water for the environment; and water for farms.

There are no new or revolutionary ideas developed in the reports, however taken together the series does a good job of pulling together a strong majority of the issues the state and local water agencies are working on. From healthy forests, which are essential for strong watersheds, to adapting to extreme weather events, to groundwater regulation, to statewide conservation mandates, and other important policy areas, the reports highlight the complex and ever changing nature of California water policy.

One of the most significant papers, “Paying for Water,” outlines strategies that could be used to inject capital into all of the initiatives discussed in the other papers. The report doesn’t offer any new information or creative solutions, but it does reiterate the barriers water and wastewater agencies face to raising capital, identifies statewide funding gaps, and offers potential solutions to fill the funding gaps.

The report notes that Propositions 13 (1978), 218 (1996) and 26 (2010), have made it very difficult for local water and wastewater agencies to raise funds. It states that Proposition 218 makes it particularly difficult for local agencies to invest in new supplies- including recycled water and conservation- and in pollution controls, such as stormwater capture and treatment.

The report identifies the “fiscal orphans” that the state is failing to adequately fund programs that protect public health, safety and the environment. These include: safe drinking water in small, disadvantaged communities; flood protection; control of stormwater and other polluted runoff; management of aquatic ecosystems; and integrated water management. \$2-3 billion in annual funding gaps are identified in each of the above mention categories.

Finally, PPIC identifies several key initiatives that could help fill the gaps. They note that a legislative priority should be to help local agencies raise needed funds by expanding local funding authority which will provide guidance to the courts on how their interpretations of Prop 218 may affect water program financing. Additionally, PPIC prioritizes enacting new state fees and taxes to boost funding for fiscal orphans. A “public goods charge” has been an ongoing recommendation from PPIC, but they are careful to not use those words anywhere in the report.

The second strategy is to adjust water rates to allow for “drought surcharges” to reduce the fiscal effects of conservation and encourage continued urban investment in drought resilience. They note that utilities must build strong administrative records of ratemaking decisions to meet potential Prop 218 court challenges.

Finally, they contend that in order to solidify local funding bases for water services, voters need to approve several constitutional changes including clarifying Prop 218’s cost-recovery requirements to allow for conservation and life-line rates and stipulating that flood and stormwater programs should be treated like water and wastewater programs.

Again, none of these ideas are new and several have been attempted in the most recent legislative session. The release of the report highlights belief that Prop 218 reform will likely re-surface when the Legislature gets back to work in January, and that a public goods charge might once again surface in legislation. Additionally, we will likely see legislation from some of the other short reports. Headwaters management could come back again as Assemblymember Bloom was only partially successful with his legislation to elevate headwaters to the same level as water infrastructure. With declining urban water conservation numbers the past several months, there will likely be legislation to codify conservation targets. There could also be an effort to address groundwater management issues, ahead of SGMA implementation. Addressing the effects of climate change, declining snowpack, ecosystem decline and other factors of climate change will likely remain at the top of many legislative priority lists.

As the legislature returns, WCA will keep a close eye on all legislation introduced.

### ***Little Hoover Commission***

The Little Hoover Commission (LHC) recently met for a “Public Hearing on Special Districts.” The Association of California Water Agencies (ACWA), East Bay Municipal Utility District (EBMUD), Rancho California Water District, Sanitation Districts of Los Angeles County (LACSD), Fresno Metropolitan Flood Control District and Santa Clara Valley Water District all testified to the measures their agencies are taking to adapt to and combat climate change. Most all spoke of conservation and recycled water measures to combat prolonged drought. And several highlighted renewable energy projects that will help reduce greenhouse gas emissions. There was a strong consensus that significant delays in permitting were problematic to getting projects up and running.

Members of the LHC seemed to be more interested in specific projects local agencies were describing than on special district use of reserves and property taxes. In fact, several agencies highlighted their prudent use of reserves and the importance of saving funds for large projects,

but there was not a single question from the Commission about the use of special district reserves or property taxes.

Commissioner and former State Senator, Don Perata, even asked if the state’s ambitious climate change goals such as the provisions of AB 32, have an economic impact on water agencies. He noted that many of these policies are passed with a lack of understanding of the economic impact they will have on taxpayers.

The Commission did not reveal what their next steps might be, but they will likely put out some sort of paper. Overall, water agencies have done an excellent job of answering the Commission’s questions regarding the use of reserve funds and property taxes and how they are adapting to climate change. They have made a very strong case that there is little need for broad state intervention or mandates. If or when they release a report, WCA will review for potential adverse legislation.

***Reservoir Levels Update***

Despite California lifting mandatory statewide water restrictions earlier this year, 60 percent of the state is still in a severe or extreme drought, officials concluded as the water year ended on September 30.

The recently concluded water year, which is used to measure precipitation totals, was officially classified as dry across the state even though parts of Northern California experienced average to slightly above-average precipitation in the past year, according to a California Department of Water Resources press release. The water year begins October 1 and ends September 30.

The end of the recent water year marks the fifth consecutive drought year for the state, according to the DWR. DWR also noted that the state is not likely to be out of the drought next year either.

Reservoir levels remain lower than average, in most cases, as the state crosses its fingers in the hopes of strong precipitation throughout the winter.

Reservoir	Percent of Capacity		Percent of Historical Average	
	Aug. 26	Oct 25	Aug. 26	Oct 25
Lake Shasta	71%	59%	109%	99%
Lake Oroville	54%	44%	81%	72%
Folsom Lake	36%	33%	57%	63%
San Luis Reservoir	13%	26%	31%	50%
Lake Perris	37%	37%	48%	48%
Castaic Lake	76%	72%	93%	94%

### *Legislative Update*

With the Governor taking final action on all bills at the end of September and members campaigning feverishly, Sacramento has been very quiet on the legislative front. Next month we will report election results with an analysis on how it might affect the coming session. Members will return to Sacramento on December 5 to swear in newly elected members. The real start of the session will kick off after the new year.

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# *Innovative Federal Strategies* LLC

Comprehensive Government Relations

## MEMORANDUM

**To:** Joe Grindstaff and Kathy Besser, IEUA

**From:** Letitia White, Jean Denton, and Drew Tatum

**Date:** October 28, 2016

**Re:** October Monthly Legislative Update

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### *Emergency Spending to Complicate Lame Duck Appropriations Work*

When Congress returns in November after the election, it already faces a December 9th deadline to fund the federal government for the remainder of FY17. With just 3 weeks of scheduled work before the current continuing resolution expires, Congress is facing a tight deadline determining how to deal with federal spending through September 30, 2017. In addition to the 12 annual spending bills, lawmakers will likely face calls for supplemental appropriations for recent natural disasters and money to fund additional troop activity in the Middle East.

Hurricane Matthew, which wreaked havoc on much of the southeastern U.S. coastline from Florida to North Carolina, promised to trigger request for federal emergency aid that could reach into the tens of billions of dollars. In response to the natural disaster, President Obama said that the Federal Emergency Management Agency has the resources it needs for the immediate response to the hurricane with approximately \$5 billion available in its Disaster Relief Fund.

That money, while immediately available, is not expected to cover the increasing cost of cleanup and rebuilding efforts in North Carolina, South Carolina, Georgia, and Florida. For comparison, the Obama Administration requested \$60.4 billion in emergency funding to help rebuild infrastructure, homes, businesses, and public facilities in the wake of Hurricane Sandy, which was only a category 2 storm at landfall. Matthew glided along the coast initially as a category 3 storm.

Any request for supplemental appropriations funding will likely renew a battle in Congress over whether, and to what extent, emergency funding should be offset by cuts elsewhere in the budget. That fight delayed funding after Hurricane Sandy and held up a supplemental appropriations package to respond to the Zika virus outbreak this year.

In addition to an emergency response to Hurricane Matthew, Congress must still consider how to address a \$2.6 billion funding request to respond to flooding in Louisiana that has left over 100,000 people homeless. Before the recess, Congress included \$500 million in supplemental funding to address flooding in certain states, but Senate Majority Leader Mitch McConnell (R-KY) indicated it was a down payment on future emergency funding. Democrats may also renew demands to help Flint, Michigan and other localities facing water contamination emergencies if

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the Water Resources Development Act is not passed before Congress acts on appropriations measures. Another driving force behind passing a supplemental appropriations package this year is a pending request from the White House for Department of Defense activities. President Obama indicated this summer that he would be sending Congress a request for additional Overseas Contingency Operations (OCO) funding after announcing that additional troops would be left in the Middle East longer than originally planned.

President Obama weighed in on emergency funding as lawmakers left town for the recess saying, “There is a backlog of need from natural disasters around the country that we'd like, hopefully during the lame-duck session, to figure out how to fund effectively. We'll obviously make those assessments after the fact and then we'll talk to Congress about how we can help out.”

### *Congress, FEMA May Look at Flood Map Changes*

Congress and the Federal Emergency Management Agency (FEMA) may look to change the way flood insurance maps are drawn in the wake of disaster relief operations from Hurricane Matthew and catastrophic flooding in Louisiana, West Virginia, and Maryland. Lawmakers and the administration are looking at ways to limit the federal government's liability for increasingly severe natural disasters. One way—among many proposals—in which they may address the increasing cost of natural disasters is designating more places as flood-prone, requiring flood insurance coverage to more homes when applying for a mortgage.

As more catastrophic weather events, including flooding from torrential rains and hurricanes, strain the federal flood insurance program, lawmakers are grappling with how to make sure the program remains solvent without tapping into additional taxpayer money. While the National Flood Insurance Program has taken in enough money to cover payouts during the last two fiscal years, the program paid out \$4.7 billion more than it took in in fiscal year 2013 as a result of Superstorm Sandy.

The administration believes the program needs to address issues related to climate change to make the program more resilient to the impacts of climate change. President Obama's senior advisor on climate change, Brian Deese said earlier this month, “We've seen that [recently] ... and we know that the frequency and severity of natural disasters like hurricanes and droughts are increasing rapidly, and we need to deal with their impacts even if we succeed on the mitigation front.”

Authorization for the National Flood Insurance Program runs through September 30, 2017, meaning it could become a hot-button issue for the new Congress. Deese believes that Congress needs to look at ways in which the government can move from the reactive posture of paying for disasters after they occur to a more proactive approach of encouraging resiliency when working to reauthorize the program. Additionally, the White House believes changes to the designation of 100 year maps is necessary, as those events are occurring more frequently in areas of the country.

Any changes to current formulas, or the inclusion of new areas on FEMA flood maps could require more property owners to purchase flood insurance in order to qualify for mortgages. A 2015 General Accountability Office (GAO) report came to the conclusion that losses generated

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by the flood insurance program and the propensity for future losses creates substantial financial exposure for the federal government. A separate GAO report issued in March 2016 called on FEMA to do a better job of collecting information to ensure that flood insurance premiums align with changes to flood risks—especially as those risks grown in areas where flooding has historically been less frequent.

Congress has taken steps to boost FEMA’s mapping efforts. In the fiscal year 2016 omnibus appropriations bill, they appropriated \$190 million for flood mapping and an additional \$175 million for mitigation grants, up from \$95 and \$96 million for flood mapping in the prior two fiscal years. Congress has taken additional steps to limit the government’s liability exposure with the House passing a measure in April that would spur the development of a private insurance marketplace to offer competitive coverage for the National Flood Insurance Program.

Members of Congress have also proposed legislation that would encourage the mitigation of flooding in areas where repeat events have occurred. The bipartisan legislation, introduced by Representatives Ed Royce (R-CA) and Earl Blumenauer (D-OR) would direct FEMA to map the areas of flooded properties and public infrastructure that have experienced repeat flooding events and then implement a plan to mitigate risk in those areas.

Any changes to the National Flood Insurance Program are likely to spur a lively debate in Congress, as any additional costs to homeowners will likely draw opposition from those impacted by the changes.

### ***Outlook for November***

Congress is not set to return until the week of November 14 for the lame duck session. Both the House and Senate are scheduled to be in for one week, then out for a week for Thanksgiving. Post-Thanksgiving, lawmakers are scheduled to be in session for three weeks before adjourning the 114<sup>th</sup> Congress.

Looking forward toward the lame duck session, lawmakers will have several high profile items to address before the end of the year. Those items include:

- Addressing federal government funding beyond December 9 when the current continuing resolution expires;
- Conferencing the National Defense Authorization Act;
- Conferencing the Water Resources Development Act;
- Conferencing the Energy Policy Modernization Act; and
- Passing other non-controversial bills that have been backlogged in the Senate.

No schedule has been announced, but we do not anticipate seeing any government spending bills on the floor during the few in-sessions days in November. Lawmakers will likely consider a number of non-controversial and low-profile bills during its first week back, with much of the heavy lifting coming in December.



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Date: November 16, 2016

To: The Honorable Board of Directors

Through: Public, Legislative Affairs and Water Resources Committee (11/9/16)

From: P. Joseph Grindstaff  
General Manager

Submitted by: Kathy Besser  
Manager of External Affairs

Subject: Public Outreach and Communication

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### **RECOMMENDATION**

This is an informational item for the Board of Directors to receive and file.

### **BACKGROUND**

#### November

- November 5 and 6, MWD Solar Cup Boat Building Workshop, Three Valleys Municipal Water District, 1021 E. Miramar Avenue, Claremont

#### December

- December 8, Water is Life Student Recognition Event, MWD Headquarters, 9:30 a.m.
- December 21, IEUA Holiday Luncheon, Los Serranos Country Club, 15656 Yorba Avenue, Chino Hills, 11:30 a.m.

#### Outreach/Education - Civic Publications Newspaper Campaign

- IEUA is working with Civic Publications to update the KickWaterWaste.com micro-site.
- IEUA is working with Civic Publications to create and distribute a fall email blast focused on not “falling back” into water wasting habits.
- IEUA ran two ads in the *Inland Valley Daily Bulletin* (10/23 and 10/28) for the Landscape and Water Conservation Festival.
- IEUA placed an article in the sustainability section of the *Inland Valley Daily Bulletin* the first week of November, focusing on the Agency’s renewable energy portfolio.

### Media and Outreach

- IEUA is continuing to run banner ads through *Fontana Herald News* and *La Opinión* newspapers.
- IEUA has placed a movie theater trailer for the *Kick the Habit* campaign in the following theaters: Harkins (15 weeks – began 10/28); Ontario Palace (15 weeks – began 10/21); Ontario Mills (15 weeks – began 10/21); and Victoria Garden (15 weeks – began 10/21). The trailer has been placed on IEUA’s social media channels as well.
- Staff has developed fall messages for the season that align with the *Kick the Habit* brand and include a fall theme. The tips focus on the State Water Resources Control Board’s permanent restrictions following the Governor’s Executive Order.
- A *Kick the Habit* ad will run in the *Champion Newspaper’s* Thanksgiving Gift Guide on November 24.
- In October, 30 posts were published on the IEUA Facebook page and 28 tweets were sent using the @IEUAwater Twitter handle.
- IEUA’s first “Facebook Live” broadcast was at the RP-5 Battery Storage Dedication on October 20. Staff also did a “Facebook Live” broadcast at the Landscape & Water Conservation Festival on October 29.

### Education and Outreach Updates

- Staff is marketing and scheduling Water Discovery field trips for program year 2016/17. To date, staff has scheduled 26 field trips.
  - Mount Vernon in San Bernardino took part in the first field trip of the school year on October 19.
  - Educators from Fontana Unified School District visited the Chino Creek Wetlands and Educational Park on November 2. Educators took part in a Nature Walk and learned about the multiple activities and programs that their students can take part in free of cost.
  - 120 Bloomington High School students took part in the Water Discovery Field Trip on November 3 and November 8.
  - Staff will host 3<sup>rd</sup> grade students from Etiwanda Colony Elementary School in Rancho Cucamonga for a Water Discovery Field Trip on November 15. Another field trip from Etiwanda Colony, for remaining 3<sup>rd</sup> grade students, will be held on November 17.
  - 5<sup>th</sup> Grade students from Urbita Elementary School in San Bernardino will participate in the Water Discovery Field Trip on November 16.
- Staff is working on updating the Water Discovery landing page to incorporate activity descriptions that include the new Next Generation Science Standards in addition to the already identified core and STEM curriculum standards.
- Staff has booked outreach/program meetings with principals within the service area for school year 2016/17.
- IEUA co-hosted the Annual Landscape and Water Conservation Festival on October 29. The festival drew in crowds that were interested to learn about water-use efficiency methods.

- IEUA is sponsoring four teams this year for MWD's 2017 Solar Cup: Chino High School (Chino), Chino Hills High School (Chino Hills), Los Osos High School (Rancho), and Henry J. Kaiser High School (Fontana). Schools attended the first boat building workshop on November 6<sup>th</sup> and 7<sup>th</sup>.
- Staff has awarded four schools the Garden in Every School® water-wise grant for program year 2016/17. Schools awarded include: Arroyo Elementary in Ontario, Rolling Ridge Elementary in Chino Hills, Townsend Junior High School in Chino Hills, and Montclair High School in Montclair. Staff has begun conducting site inspections to determine prep-work, establish a design and schedule an installation timeline. The garden construction and planting at Arroyo Elementary began on Monday, November 7<sup>th</sup>. The three remaining school sites will be completed by December 31, 2016. Dedication ceremonies will be planned for spring 2017.

**PRIOR BOARD ACTION**

None.

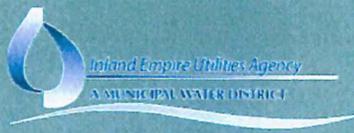
**IMPACT ON BUDGET**

The above-mentioned activities are budgeted in the FY 2016/17 Administrative Service Fund, External Affairs Services budget.

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# IEUA WATER FORUM

NOVEMBER/DECEMBER 2016



## Salinity Update

- Water supply changes from the drought have increased salinity levels. IEUA has initiated discussions with the Regional Water Quality Control Board and Chino Basin Watermaster to further develop near- and long-term strategies for managing salinity. In October, IEUA, Wildermuth Environmental and the Regional Water Quality Control Board met to discuss the concerns with increasing levels of salinity in the water supply. On November 17th, the Southern California Salinity Coalition, National Water Research Institute and the Southern California Water Committee will host the Southern California Salinity Management Summit to provide a forum to share current practices for managing salinity in the water supply and to discuss strategies to meet salinity objectives under drought and changed conditions.

## WUE Programs Snapshot

- Staff is working with the Rainbird Corporation to develop a drip irrigation installation training workshop for spring 2017. The workshop provides drip kits to class attendees and trains participants how to properly install the system.
- MWD reported at their October monthly Water Use Efficiency Meeting that \$86M was carried over from their \$450M biannual budget. The carryover funding includes \$10M allocated for the Recycled Water Program. The new budget total of \$135M includes the carryover and the new base budget. Of the total budget, \$66M is allocated for classes, rebates and the Water Savings Incentive Program. The remaining funds will be used for "Wait Listed" Turf Removal Projects, research and studies.
- IEUA Regional Landscape Training Classes: There have been 15 classes scheduled by member agencies on a variety of topics, and five have been completed. Staff anticipates additional classes will be schedule in spring 2017.

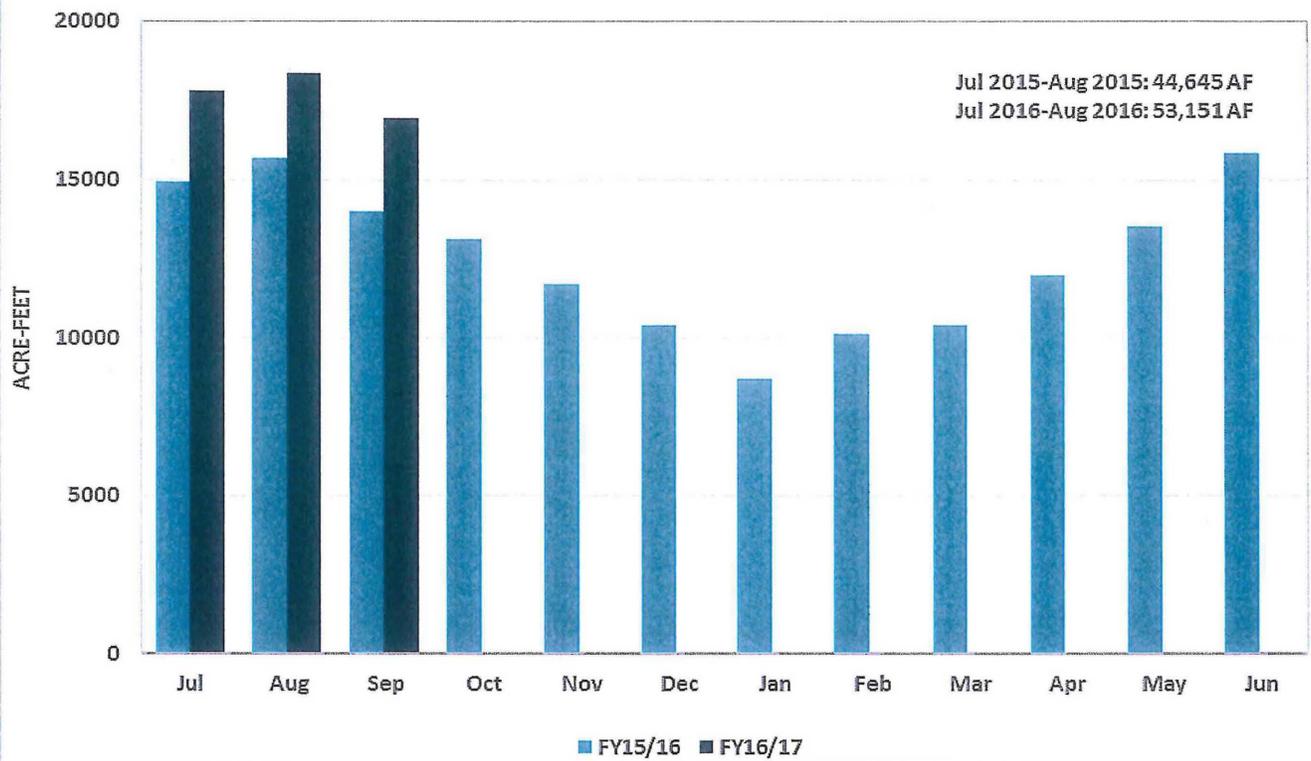
## SARCCUP

- The Santa Ana River Conservation & Conjunctive Use Program (SARCCUP) is being implemented by the five member agencies of SAWPA with \$55M in grant funding from California Department of Water Resources (DWR). Total cost for SARCCUP is \$100M with SAWPA member agencies each adding \$9M in matching funds. The DWR grant contract was finalized with SAWPA in September 2016. Sub-agreements with member agencies are currently being drafted with expected completion by December 2016. CEQA evaluation for the program is in progress. Notice of Preparation was released in October 2016. Scoping meeting is expected to be scheduled for December 6th at 6:00 PM. The Programmatic EIR is expected to be completed by June 2017. A Technical Memorandum regarding details on a Decision Support Model (DSM) will be finalized by November 2016. The objective of the DSM is to simulate anticipated operation of the SARCCUP facilities, identify potential constraints, optimize the operation and quantify the benefits and costs of the overall program. A RFP will be solicited to select qualified consultants to help the Region further develop SARCCUP in the Chino Basin. RFP to close early December.

## Water Resources Planning Activities

- Integrated Resources Plan: Phase 2 of the IRP kicked off in September 2016. The Projects List is being updated to include local and regional water agency projects, and local infrastructure information is being gathered for the upcoming development of a single-line regional modeling schematic. Modeling work will include developing a financial evaluation and local project infrastructure and interconnection schematics which can align with the larger SARCCUP model and the Chino Basin Water Bank discussions. A Master Contract RFP has been drafted for the modeling work and financial evaluations and will be posted in November.

## Regional Water Use



## MWD Dashboard

### Imported Water Rates:

- The new imported water rates and charges took effect on October 1, 2016 per IEUA Resolution 2016-6-15. Staff is preparing a summary report of the proposed Readiness-to-Serve change and will forward in the coming weeks.

### Notice for Rialto Pipeline Shutdown:

- MWD will inspect the pipeline to determine the condition of the pre-stressed rings. The shutdown is scheduled for November 14-19, 2016, and will commence at 12:01 am. Pending results of the inspection, MWD could schedule another.

## Calendar of Upcoming Meetings & Events

November 9, 2016	"Development of Water Resources" RFP Issued
November 17, 2016	Southern California Salinity Management Summit
December 7, 2016	"Development of Water Resources" RFP Proposals Due
December 7, 2016	Water Managers Meeting
December 26, 27 and January 2	IEUA Offices Closed

# CHINO BASIN WATERMASTER

## IV. INFORMATION

1. Cash Disbursements for October 2016

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**October 2016**

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/04/2016	19714	HAZEL MURILLO	9/23/16 Heaing Transcript Fee	1012 - Bank of America Gen'l Ckg	
Bill	10/04/2016	9/23/16 Transcript		9/23/16 Heaing Transcript Fee	6046 - Legal Publications/Services	1,575.00
TOTAL						1,575.00
General Journal	10/08/2016	10/08/2016	Payroll and Taxes for 09/25/16-10/08/16	Payroll and Taxes for 09/25/16-10/08/16	1012 - Bank of America Gen'l Ckg	
				Direct Deposit for 09/25/16-10/08/16	1012 - Bank of America Gen'l Ckg	21,477.91
				Payroll Taxes for 09/25/16-10/08/16	1012 - Bank of America Gen'l Ckg	9,337.82
				Payroll Checks for 09/25/16-10/08/16	1012 - Bank of America Gen'l Ckg	4,496.92
			ICMA-RC	457(f) Employee Deductions for 09/25/16-10/08/16	1012 - Bank of America Gen'l Ckg	3,639.27
			ICMA-RC	401(a) Employee Deductions for 09/25/16-10/08/16	1012 - Bank of America Gen'l Ckg	1,059.87
TOTAL						40,011.79
Bill Pmt -Check	10/10/2016	19715	BROWNSTEIN HYATT FARBER SCHRECK		1012 - Bank of America Gen'l Ckg	
Bill	08/31/2016	652629		652629	6907.44 - SGMA Compliance	4,955.40
				Expenses	6907.44 - SGMA Compliance	10.00
Bill	08/31/2016	652630		652630	6907.42 - Safe Yield Recalculation	5,463.00
				Expenses	6907.42 - Safe Yield Recalculation	0.33
Bill	08/31/2016	652631		652631	6907.41 - Prado Basin Habitat Sustain	5,720.85
Bill	08/31/2016	652632		652632	6907.40 - Storage Agreements	879.75
Bill	08/31/2016	652633		652633	6907.39 - Recharge Master Plan	1,217.25
Bill	08/31/2016	652634		652634	6071 - BHFS Legal - Court Coordination	1,396.80
Bill	08/31/2016	652635		652635	8575 - BHFS Legal - Non-Ag Pool	2,524.50
Bill	08/31/2016	652636		652636	8475 - BHFS Legal - Agricultural Pool	2,524.50
Bill	08/31/2016	652637		652637	8375 - BHFS Legal - Appropriative Pool	2,677.50
Bill	08/31/2016	652638		652638	6375 - BHFS Legal - Board Meeting	5,879.70
Bill	08/31/2016	652639		652639	6275 - BHFS Legal - Advisory Committee	2,486.25
				Expenses	6275 - BHFS Legal - Advisory Committee	35.31
Bill	08/31/2016	652640		652640	6907.36 - Santa Ana River Habitat	372.60
Bill	08/31/2016	652641		652641	6907.34 - Santa Ana River Water Rights	5,255.55
Bill	08/31/2016	652642		Alvarez-CalPERS	6073 - BHFS Legal - Personnel Matters	9,190.80
				GM Contract	6073 - BHFS Legal - Personnel Matters	2,158.20
				Personnel	6073 - BHFS Legal - Personnel Matters	114.75
				Audit	6073 - BHFS Legal - Personnel Matters	121.50
Bill	08/31/2016	652643		652643	6078 - BHFS Legal - Miscellaneous	19,231.20
				Expenses	6078 - BHFS Legal - Miscellaneous	90.52
				Expenses	6375 - BHFS Legal - Board Meeting	375.00
				Expenses	8375 - BHFS Legal - Appropriative Pool	11.77
				Expenses	8475 - BHFS Legal - Agricultural Pool	11.77
				Expenses	8575 - BHFS Legal - Non-Ag Pool	11.77
TOTAL						72,716.57

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/13/2016	ACH 101316	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	10/08/2016	10/08/2016	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 09/25/16-10/08/16	2000 · Accounts Payable	5,924.14
TOTAL						5,924.14
Bill Pmt -Check	10/17/2016	19716	ACWA JOINT POWERS INSURANCE AUTHORITY	0438473	1012 · Bank of America Gen'l Ckg	
Bill	10/03/2016	0438473		Prepayment - November 2016 October 2016	1409 · Prepaid Life, BAD&D & LTD 60191 · Life & Disab.Ins Benefits	132.25 144.48
TOTAL						276.73
Bill Pmt -Check	10/17/2016	19717	APPLIED COMPUTER TECHNOLOGIES	2722	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2016	2722		Database Consulting Services - September 2016	6052.2 · Applied Computer Technol	3,314.80
TOTAL						3,314.80
Bill Pmt -Check	10/17/2016	19718	BOWMAN, JIM	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/22/2016	9/22 Board Mtg		9/22/16 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
P149 Bill Pmt -Check	10/17/2016	19719	CORELOGIC INFORMATION SOLUTIONS	81734512	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2016	81734512		81734512 81734512	7103.7 · Grdwtr Qual-Computer Svc 7101.4 · Prod Monitor-Computer	62.50 62.50
TOTAL						125.00
Bill Pmt -Check	10/17/2016	19720	CURATALO, JAMES	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/13/2016	9/13 Workshop		9/13/16 Workshop	6311 · Board Member Compensation	125.00
Bill	09/19/2016	9/19 Agenda Preview		9/19/16 Board Agenda Preview	6311 · Board Member Compensation	125.00
Bill	09/22/2016	9/22 Board Mtg		9/22/16 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						375.00
Bill Pmt -Check	10/17/2016	19721	DE BOOM, NATHAN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/08/2016	9/08 Ag Pool Mtg		Ag Pool Member Compensation 9/08/16 Ag Pool Mtg	8411 · Compensation 8470 · Ag Meeting Attend -Special	25.00 100.00
Bill	09/21/2016	9/21 Special Ag Mtg		Ag Pool Member Compensation 9/21/16 Special Ag Pool Mtg	8411 · Compensation 8470 · Ag Meeting Attend -Special	25.00 100.00
TOTAL						250.00
Bill Pmt -Check	10/17/2016	19722	EGOSCUE LAW GROUP	11427	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2016	11427		Ag Pool Legal Services - September 2016	8467 · Ag Legal & Technical Services	32,042.50
TOTAL						32,042.50

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Type	Date	Num	Name	Memo	Account	Paid Amount	
Bill Pmt -Check	10/17/2016	19723	ELIE, STEVEN	Board Member Compensation	1012 · Bank of America Gen'l Ckg		
Bill	09/09/2016	9/09 Mtg w/PK		9/09/16 Meeting with PK	6311 · Board Member Compensation	125.00	
Bill	09/13/2016	9/13 Workshop		9/13/16 Workshop	6311 · Board Member Compensation	125.00	
Bill	09/19/2016	9/19 Agenda Mtg		9/19/16 Board Agenda review call	6311 · Board Member Compensation	125.00	
Bill	09/22/2016	9/22 Board Mtg		9/22/16 Board Meeting	6311 · Board Member Compensation	125.00	
Bill	09/27/2016	9/27 Call w/counsel		9/27/16 call w/WM counsel	6311 · Board Member Compensation	125.00	
TOTAL						625.00	
Bill Pmt -Check	10/17/2016	19724	EUROFINS EATON ANALYTICAL		1012 · Bank of America Gen'l Ckg		
Bill	09/30/2016	L0278510		L0278510	7103.5 · Grdwtr Qual-Lab Svcs	848.00	
Bill	09/30/2016	L0282960		L0282960	7103.5 · Grdwtr Qual-Lab Svcs	1,056.00	
Bill	09/30/2016	L0283867		L0283867	7103.5 · Grdwtr Qual-Lab Svcs	573.00	
Bill	09/30/2016	L0284942		L0284942	7108.41 · Hydraulic Control - PBHSP	2,512.00	
Bill	09/30/2016	L0283866		L0283866	7108.41 · Hydraulic Control - PBHSP	3,140.00	
Bill	09/30/2016	L0283863		L0283863	7108.41 · Hydraulic Control - PBHSP	3,140.00	
Bill	09/30/2016	L0282961		L0282961	7108.41 · Hydraulic Control - PBHSP	2,512.00	
TOTAL						13,781.00	
P1500 TOTAL	Bill Pmt -Check	10/17/2016	19725	FEDAK & BROWN LLP	Progress Billing	1012 · Bank of America Gen'l Ckg	
	Bill	09/30/2016			September 2016	6062 · Audit Services	1,000.00
							1,000.00
Bill Pmt -Check	10/17/2016	19726	FEENSTRA, BOB	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg		
Bill	09/08/2016	9/08 Ag Pool Mtg		9/08/09 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00	
Bill	09/13/2016	9/13 Workshop		9/13/16 Workshop	8470 · Ag Meeting Attend -Special	125.00	
Bill	09/21/2016	9/21 Special Ag Pool		9/21/16 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00	
Bill	09/22/2016	9/22 Board Mtg		9/22/16 Board Meeting	8470 · Ag Meeting Attend -Special	125.00	
Bill	09/23/2016	9/23 Court Hearing		9/23/16 Court Hearing	8485 · Ag Pool - Misc. Expense-Ag Fund	125.00	
TOTAL						625.00	
Bill Pmt -Check	10/17/2016	19727	HOGAN LOVELLS	3015868	1012 · Bank of America Gen'l Ckg		
Bill	09/30/2016	3015868		Non-Ag Pool Legal Services - August 2016	8567 · Non-Ag Legal Service	3,248.70	
TOTAL						3,248.70	
Bill Pmt -Check	10/17/2016	19728	HUITSING, JOHN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg		
Bill	09/08/2016	9/08 Ag Pool Mtg		Ag Pool Member Compensation	8411 · Compensation	25.00	
				9/08/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00	
Bill	09/21/2016	9/21 Special Ag Mtg		Ag Pool Member Compensation	8411 · Compensation	25.00	
				9/21/16 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00	
TOTAL						250.00	

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<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Paid Amount</u>
Bill Pmt -Check	10/17/2016	19729	JOHN J. SCHATZ	Legal Services	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2016			Appropriative Pool Legal Services - Aug. 2016	8367 · Legal Service	5,224.00
Bill	09/30/2016			Appropriative Pool Legal Services - Sep. 2016	8367 · Legal Service	7,710.00
TOTAL						<u>12,934.00</u>
Bill Pmt -Check	10/17/2016	19730	KUHN, BOB	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/08/2016	9/08 Appro Pool Mtg		9/08/16 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00
Bill	09/12/2016	9/12 Mtg w/Pk		9/12/16 Meeting w/Pk	6311 · Board Member Compensation	125.00
Bill	09/22/2016	9/22 Board Mtg		9/22/16 Board Meeting	6311 · Board Member Compensation	125.00
Bill	09/27/2016	9/27 Check Signing		9/27/16 Admin Meeting at WM	6311 · Board Member Compensation	125.00
TOTAL						<u>500.00</u>
Bill Pmt -Check	10/17/2016	19731	MINDSHIFT	IT Managed Services	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2016	0229400		Cisco Smart Net Premium - service agreement	6055 · Computer Hardware	226.80
Bill	09/30/2016	0229303		CommVault setup fee	6052.5 · mindSHIFT-Data Backup/Storage	693.00
Bill	10/01/2016	0230390		Backup Services	6052.5 · mindSHIFT-Data Backup/Storage	792.00
				Monthly IT Managed Services	6052.4 · mindSHIFT Technologies, Inc.	3,770.00
TOTAL						<u>5,481.80</u>
Bill Pmt -Check	10/17/2016	19732	PAYCHEX	2016092900	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2016	2016092900		September 2016	6012 · Payroll Services	338.61
TOTAL						<u>338.61</u>
Bill Pmt -Check	10/17/2016	19733	PIERSON, JEFFREY	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/08/2016	9/08 Ag Pool Mtg		9/08/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	09/15/2016	9/15 Advisory Comm		9/15/16 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	09/15/2016	9/15 RIPCom Mtg		9/15/16 RIPCom Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	09/21/2016	9/21 Special Ag Mtg		9/21/16 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	09/22/2016	9/22 Board Mtg		9/22/16 Board Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	09/23/2016	9/23 Court Hearing		9/23/16 Court Hearing	8485 · Ag Pool - Misc. Expense-Ag Fund	125.00
TOTAL						<u>750.00</u>
Bill Pmt -Check	10/17/2016	19734	PITNEY BOWES CREDIT CORPORATION	3100681771	1012 · Bank of America Gen'l Ckg	
Bill	10/03/2016	3100681771		Postage meter lease	6044 · Postage Meter Lease	402.84
TOTAL						<u>402.84</u>
Bill Pmt -Check	10/17/2016	19735	PREMIERE GLOBAL SERVICES	22058001	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2016	22058001		WM coordination call on 8/29	6909.1 · OBMP Meetings	12.81
				SB 88 compliance call on 8/29	6909.1 · OBMP Meetings	16.17

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Type	Date	Num	Name	Memo	Account	Paid Amount
				Ag Pool Special Meeting call on 8/31	8412 · Meeting Expenses	6.12
				Ag Pool Special Meeting call on 8/31	8412 · Meeting Expenses	26.96
				Pools agenda prep call on 9/06	8312 · Meeting Expenses	2.04
				Pools agenda prep call on 9/06	8412 · Meeting Expenses	2.04
				Pools agenda prep call on 9/06	8512 · Meeting Expense	2.04
				Pools agenda prep call on 9/06	8312 · Meeting Expenses	2.04
				Pools agenda prep call on 9/06	8412 · Meeting Expenses	2.04
				Pools agenda prep call on 9/06	8512 · Meeting Expense	2.04
				Pools meeting check call on 9/07	8312 · Meeting Expenses	2.15
				Pools meeting check call on 9/07	8412 · Meeting Expenses	2.14
				Pools meeting check call on 9/07	8512 · Meeting Expense	2.14
				Appropriative Pool agenda call on 9/07	8312 · Meeting Expenses	18.77
				Non-Ag Pool meeting call on 9/08	8512 · Meeting Expense	20.64
				Workshop coordination call on 9/09	6909.1 · OBMP Meetings	12.79
				Workshop coordination call on 9/09	6909.1 · OBMP Meetings	9.07
				Workshop coordination call on 9/09	6909.1 · OBMP Meetings	12.45
				MIndshift follow-up call on 9/14	6052.4 · mindSHIFT Technologies, Inc.	6.13
				MIndshift follow-up call on 9/14	6052.4 · mindSHIFT Technologies, Inc.	8.97
				Board agenda call on 9/19	6312 · Meeting Expenses	6.13
				Board agenda call on 9/19	6312 · Meeting Expenses	13.58
				Tentative rulings call on 9/20 w/legal counsel	6078.11 · Safe Yield Recalculation	11.13
				SY hearing prep call on 9/21 w/legal counsel	6078.11 · Safe Yield Recalculation	6.86
				SY hearing prep call on 9/21 w/legal counsel	6078.11 · Safe Yield Recalculation	37.25
				WM coordination call on 9/26	6909.1 · OBMP Meetings	6.14
				Fee - General	6022 · Telephone	49.00
				Fee - Confidential	6022 · Telephone	49.00
				Fee - Service	6022 · Telephone	8.79
TOTAL						357.43
Bill Pmt -Check	10/17/2016	19736	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
Bill	10/01/2016	1394905143		Annual Unfunded Accrued Liability	60180 · Employers PERS Expense	3,590.95
TOTAL						3,590.95
Bill Pmt -Check	10/17/2016	19737	RAUCH COMMUNICATION CONSULTANTS, LLC Sep-1605		1012 · Bank of America Gen'l Ckg	
Bill	09/30/2016	Sep-1605		Work thru August 31, 2016	6061.3 · Rauch	6,060.00
TOTAL						6,060.00
Bill Pmt -Check	10/17/2016	19738	RR FRANCHISING, INC.	28736	1012 · Bank of America Gen'l Ckg	
Bill	10/01/2016	28736		Monthly service charge 10/01/16-11/30/16	6024 · Building Repair & Maintenance	740.00
TOTAL						740.00

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/17/2016	19739	STAPLES BUSINESS ADVANTAGE	8041257390	1012 · Bank of America Gen'l Ckg	
Bill	10/01/2016	8041257390		Miscellaneous office supplies	6031.7 · Other Office Supplies	136.70
TOTAL						136.70
Bill Pmt -Check	10/17/2016	19740	UNION 76	7076-2245-3035-5049	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2016	7076224530355049		September 2016	6175 · Vehicle Fuel	179.39
TOTAL						179.39
Bill Pmt -Check	10/17/2016	19741	VANDEN HEUVEL, GEOFFREY	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/08/2016	9/08 Ag Pool Mtg		9/08/16 Ag Pool Meeting	6311 · Board Member Compensation	125.00
Bill	09/21/2016	9/21 Special Ag Mtg		9/21/16 Special Ag Pool Meeting	6311 · Board Member Compensation	125.00
Bill	09/22/2016	9/22 Board Mtg		9/22/16 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						375.00
Bill Pmt -Check	10/17/2016	19742	VANDEN HEUVEL, ROB	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/08/2016	9/08 Ag Pool Mtg		9/08/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	09/21/2016	9/21 Special Ag Mtg		9/21/16 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	09/23/2016	9/23 Court Hearing		9/23/16 Court Hearing	8485 · Ag Pool - Misc. Expense-Ag Fund	125.00
TOTAL						375.00
Bill Pmt -Check	10/17/2016	19743	WESTERN MUNICIPAL WATER DISTRICT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/22/2016	9/22 Board Mtg		9/22/16 Board Meeting - Don Galleano attendance	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	10/17/2016	19744	YSI INCORPORATED	660936	1012 · Bank of America Gen'l Ckg	
Bill	09/26/2016	660936		Cond Calibrator Solution	7103.6 · Grdwtr Qual-Supplies	167.64
TOTAL						167.64
Bill Pmt -Check	10/17/2016	19745	YUKON DISPOSAL SERVICE	08-K2 213849	1012 · Bank of America Gen'l Ckg	
Bill	10/01/2016	08-k2 213849		October 2016	6024 · Building Repair & Maintenance	111.57
TOTAL						111.57
Bill Pmt -Check	10/20/2016	19746	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2016	XXXX-XXXX-XXXX-9341		Purchase miscellaneous office supplies	6031.7 · Other Office Supplies	525.87
				Purchase report covers for workshop	6031.7 · Other Office Supplies	76.53
				Purchase CVI Report for candidate	6031.7 · Other Office Supplies	47.46
				Membership-Joswiak-Society for HR Management	6111 · Membership Dues	180.54
				Staff meeting re candidate discussion	6016 · New Employee Search Costs	56.78
				Ad in BC - Water Resources Professional	6016 · New Employee Search Costs	95.02

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<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Paid Amount</u>
				Lunch for staff development day	6141.3 · Admin Meetings	194.00
				Shipments to D. Maurizio	6042 · Postage - General	81.49
				Shipment to D. Maurizio	6042 · Postage - General	24.94
				Subscription for Chino Champion newspaper	6112 · Subscriptions/Publications	33.26
				PK meeting w/Steve Elie	6312 · Meeting Expenses	43.64
				PK meeting w/Bob Kuhn	6312 · Meeting Expenses	10.81
				Lunch-9/13/16 Committees/Board Roles Workshop	6909.1 · OBMP Meetings	609.07
				PK meeting w/Brian Geye	8512 · Meeting Expense	53.34
				"The Speed of Trust: The One Thing That Changes"	6031.7 · Other Office Supplies	14.54
				Purchase chair gliders for office	6031.7 · Other Office Supplies	13.29
				Purchase pies for staff meeting	6141.3 · Admin Meetings	24.61
				PK meeting w/Celeste Cantu	6909.1 · OBMP Meetings	36.28
				Lunch-9/23/16 counsel meeting before SY court	6906.72 · OBMP-Data Req.-Non CBWM Staff	34.17
				Lunch-9/23/16 counsel meeting before SY court	6906.72 · OBMP-Data Req.-Non CBWM Staff	8.54
				Purchase sheet protectors for office	6031.7 · Other Office Supplies	9.64
				Lunch for 10/05/16 Special Ag Pool Meeting	8485 · Ag Pool - Misc. Expense-Ag Fund	162.46
TOTAL						<u>2,336.28</u>
<b>P154</b>	Bill Pmt -Check	10/20/2016	19747	CALPERS	1394905143	1012 · Bank of America Gen'l Ckg
	Bill	10/18/2016	1394905143			60182.1 · Medical Insurance
TOTAL						<u>6,879.75</u>
	Bill Pmt -Check	10/20/2016	19748	CUCAMONGA VALLEY WATER DISTRICT	Lease due November 1, 2016	1012 · Bank of America Gen'l Ckg
	Bill	10/18/2016			Lease due November 1, 2016 (includes increase)	1422 · Prepaid Rent
					Lease increase for October 2016 - Increase	1422 · Prepaid Rent
TOTAL						<u>6,447.61</u> <u>76.45</u> 6,524.06
	Bill Pmt -Check	10/20/2016	19749	FIRST LEGAL NETWORK LLC	40005992	1012 · Bank of America Gen'l Ckg
	Bill	09/30/2016	40005992			6061.5 · Court Filing Services
TOTAL						<u>646.24</u>
	Bill Pmt -Check	10/20/2016	19750	FRONTIER COMMUNICATIONS	909-484-3890-050914-5	1012 · Bank of America Gen'l Ckg
	Bill	10/18/2016	90948438900509145			6022 · Telephone
TOTAL						<u>140.99</u>
	Bill Pmt -Check	10/20/2016	19751	INLAND EMPIRE UTILITIES AGENCY		1012 · Bank of America Gen'l Ckg
	Bill	10/10/2016	1800002975		GWR SCADA System Upgrades Project Inv. #4	7690.61 · GWR SCADA Upgrades (TO #4)
	Bill	10/10/2016	1800002977		RMPU Yield Enhancement Project Inv. #2	7690.15 · RMPU Amend. Yield (TO #1)
	Bill	10/10/2016	180000978		San Sevaine Basin Improvements Project Inv. #3	7690.4 · San Sevaine Recharge (TO # 8)
	Bill	10/10/2016	1800002976		Lower Day Improvements Project Inv. #3	7690.8 · Lower Day Basin RMPU (TO #2)
						<u>27,867.11</u> <u>164,824.65</u> <u>36,911.18</u> <u>30,056.77</u>

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Type	Date	Num	Name	Memo	Account	Paid Amount	
TOTAL						259,659.71	
Bill Pmt -Check	10/20/2016	19752	LEGAL SHIELD	0111802	1012 · Bank of America Gen'l Ckg		
Bill	10/18/2016	0111802		Employee deductions - October 2016	60194 · Other Employee Insurance	79.70	
TOTAL						79.70	
Bill Pmt -Check	10/20/2016	19753	STAULA, MARY L	Retiree Medical	1012 · Bank of America Gen'l Ckg		
Bill	10/31/2016				60182.4 · Retiree Medical	23.62	
TOTAL						23.62	
Bill Pmt -Check	10/20/2016	19754	UNITED HEALTHCARE	0041842716	1012 · Bank of America Gen'l Ckg		
Bill	10/18/2016	004182716		Dental Insurance Premium - November 2016	60182.2 · Dental & Vision Ins	688.74	
TOTAL						688.74	
Bill Pmt -Check	10/20/2016	19755	VERIZON WIRELESS	9773115114	1012 · Bank of America Gen'l Ckg		
Bill	10/18/2016	9773115114		Acct #470810953-00001	6022 · Telephone	196.37	
TOTAL						196.37	
<b>P155</b>	General Journal	10/22/2016	10/22/2016	Payroll and Taxes for 10/09/16-10/22/16	Payroll and Taxes for 10/09/16-10/22/16	1012 · Bank of America Gen'l Ckg	
					Direct Deposits for 10/09/16-10/22/16	1012 · Bank of America Gen'l Ckg	21,899.08
					Payroll Taxes for 10/09/16-10/22/16	1012 · Bank of America Gen'l Ckg	9,582.98
					Payroll Checks for 10/09/16-10/22/16	1014 · Bank of America P/R Ckg	4,496.93
				ICMA-RC	457(b) Employee Deductions for 10/09/16-10/22/16	1012 · Bank of America Gen'l Ckg	3,639.27
				ICMA-RC	401(a) Employee Deductions for 10/09/16-10/22/16	1012 · Bank of America Gen'l Ckg	1,059.87
TOTAL						40,678.13	
Bill Pmt -Check	10/25/2016	19756	BROWNSTEIN HYATT FARBER SCHRECK		1012 · Bank of America Gen'l Ckg		
Bill	09/30/2016	653882		Workshop-09/13/16	6375.1 · Watermaster Board Workshop(s)	22,473.45	
				Board	6375 · BHFS Legal - Board Meeting	421.20	
				653882	6078 · BHFS Legal - Miscellaneous	7,667.10	
				Expenses	6375 · BHFS Legal - Board Meeting	375.00	
				Expenses	8375 · BHFS Legal - Appropriative Pool	11.77	
				Expenses	8475 · BHFS Legal - Agricultural Pool	11.77	
				Expenses	8575 · BHFS Legal - Non-Ag Pool	11.77	
				Workshop Expenses	6375.1 · Watermaster Board Workshop(s)	635.31	
				Expenses	6078 · BHFS Legal - Miscellaneous	259.05	
Bill	09/30/2016	653881		Alvarez-CalPERS	6073 · BHFS Legal - Personnel Matters	9,880.65	
				Personnel	6073 · BHFS Legal - Personnel Matters	40.50	
Bill	09/30/2016	653880			6907.34 · Santa Ana River Water Rights	1,461.15	
Bill	09/30/2016	653879			6275 · BHFS Legal - Advisory Committee	841.50	
Bill	09/30/2016	653878			6375 · BHFS Legal - Board Meeting	3,755.70	

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**October 2016**

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
				Expenses	6375 · BHFS Legal - Board Meeting	35.31
				Expenses	6275 · BHFS Legal - Advisory Committee	35.31
Bill	09/30/2016	653877		653877	8375 · BHFS Legal - Appropriative Pool	1,147.50
Bill	09/30/2016	653876		653876	8475 · BHFS Legal - Agricultural Pool	2,677.50
Bill	09/30/2016	653875		653875	8575 · BHFS Legal - Non-Ag Pool	1,147.50
Bill	09/30/2016	653874		653874	6071 · BHFS Legal - Court Coordination	4,054.50
Bill	09/30/2016	653873		653873	6907.39 · Recharge Master Plan	650.25
Bill	09/30/2016	653872		653872	6907.41 · Prado Basin Habitat Sustain	181.80
Bill	09/30/2016	653871		Expenses	6907.42 · Safe Yield Recalculation	185.31
				653871	6907.42 · Safe Yield Recalculation	54,915.30
				653871	6375 · BHFS Legal - Board Meeting	157.95
				Expenses	6375 · BHFS Legal - Board Meeting	150.00
TOTAL						113,184.15
<b>Bill Pmt -Check</b>	<b>10/25/2016</b>	<b>19757</b>	<b>WILDERMUTH ENVIRONMENTAL INC</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	09/30/2016	2016321		2016321	6906.31 · OBMP-Pool, Adv. Board Mtgs	8,553.57
Bill	09/30/2016	2016322		2016322	6906.32 · OBMP-Other General Meetings	2,413.10
Bill	09/30/2016	2016323		2016323	6910.20 · RMPU - MPI Analysis	34,431.70
Bill	09/30/2016	2016324		2016324	6906.71 · OBMP-Data Req.-CBWM Staff	1,944.00
				Contracted Services	6906.71 · OBMP-Data Req.-CBWM Staff	13,400.00
Bill	09/30/2016	2016325		2016325	6906.71 · OBMP-Data Req.-CBWM Staff	11,557.67
Bill	09/30/2016	2016326		2016326	6906.72 · OBMP-Data Req.-Non CBWM Staff	2,820.90
Bill	09/30/2016	2016327		2016327	6906.22 · Water Rights Compliance Rprting	1,098.75
Bill	09/30/2016	2016328		2016328	6906 · OBMP Engineering Services	1,634.30
Bill	09/30/2016	2016329		2016329	6906.1 · OBMP-Watermaster Model Update	10,947.75
Bill	09/30/2016	2016330		2016330	6906.24 · Compliance-SB88 and SWRCB	1,575.00
Bill	09/30/2016	2016331		2016331	6906.81 · Prepare 38th/39th Annual Rpts	11,612.20
Bill	09/30/2016	2016332		2016332	7103.3 · Grdwtr Qual-Engineering	14,422.75
Bill	09/30/2016	2016333		2016333	7104.3 · Grdwtr Level-Engineering	11,222.65
Bill	09/30/2016	2016334		2016334	7107.2 · Grd Level-Engineering	1,440.29
Bill	09/30/2016	2016335		2016335	7108.3 · Hydraulic Control-Engineering	1,667.50
Bill	09/30/2016	2016336		2016336	7108.31 · Hydraulic Control - PBHSP	27,142.05
Bill	09/30/2016	2016337		2016337	7202.2 · Engineering Svc	3,297.94
Bill	09/30/2016	2016338		2016338	7402 · PE4-Engineering	21,782.34
Bill	09/30/2016	2016339		2016339	7402.10 · PE4 - Northwest MZ1 Area Proj.	24,484.85
Bill	09/30/2016	2016340		2016340	7502 · PE6&7-Engineering	1,274.00
Bill	09/30/2016	2016341		2016341	7602 · PE8&9-Engineering	5,374.22
Bill	09/30/2016	2016342		2016342	6910.14 · Truing-Up 2013 RMPU Estimates	17,017.25
TOTAL						231,114.78

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CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
October 2016

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/27/2016	ACH 102716	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	10/22/2016	10/22/2016	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 10/09/16-10/22/16	2000 · Accounts Payable	5,924.14
TOTAL						5,924.14
					<b>Total Disbursements:</b>	<b>876,968.82</b>

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