

# CHINO BASIN WATERMASTER



## NOTICE OF MEETINGS

Thursday, September 8, 2016

- 9:00 a.m. – Appropriative Pool Meeting
- 11:00 a.m. – Non-Agricultural Pool Meeting
- 1:30 p.m. – Agricultural Pool Meeting

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

# **CHINO BASIN WATERMASTER**

**Thursday, September 8, 2016**

- 9:00 a.m. – Appropriative Pool Meeting
- 11:00 a.m. – Non-Agricultural Pool Meeting
- 1:30 p.m. – Agricultural Pool Meeting

***POOL AGENDAS***

**CHINO BASIN WATERMASTER  
APPROPRIATIVE POOL MEETING**

9:00 a.m. – September 8, 2016

**WITH**

*Mr. Darron Poulsen, Chair  
Mr. Todd Corbin, 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 Appropriative Pool Meeting held August 11, 2016 (Will be distributed separately)

**B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of July 2016 (*Page 15*)
2. Watermaster VISA Check Detail for the month of July 2016 (*Page 29*)
3. Combining Schedule for the Period July 1, 2016 through July 31, 2016 (*Page 33*)
4. Treasurer's Report of Financial Affairs for the Period July 1, 2016 through July 31, 2016 (*Page 37*)
5. Budget vs. Actual Report for the Period July 1, 2016 through July 31, 2016 (*Page 41*)

**C. COST-SHARING AGREEMENT BETWEEN CHINO BASIN WATERMASTER AND CITY OF CHINO HILLS REGARDING THE CHINO HILLS ASR PILOT PROJECT (*Page 57*)**

Recommend that the Advisory Committee approve the Cost Sharing Agreement between Chino Basin Watermaster and City of Chino Hills Regarding the Chino Hills ASR Pilot Project.

**II. BUSINESS ITEMS**

**A. 2015 GROUND-LEVEL MONITORING COMMITTEE ANNUAL REPORT (*Page 69*)**

Recommend that the Advisory Committee 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.

**III. REPORTS/UPDATES**

**A. LEGAL COUNSEL REPORT**

1. September 23, 2016 Hearing
2. September 2, 2016 Court Filing

**B. ENGINEER REPORT**

1. Ambient Water Quality Re-Computation
2. 2015 Annual Report of the Ground-Level Monitoring Committee
3. Northwest MZ-1 Program

**C. CFO REPORT**

None

**D. GM REPORT**

1. Supplemental Water Recharge Procedure
2. September 13, 2016 CBWM Committees and Board Roles and Responsibilities Workshop
3. Other

**IV. INFORMATION**

1. Cash Disbursements for August 2016 (*Page 71*)
2. Recharge Investigations and Projects Committee (RIPCom) (*Page 83*)

**V. POOL MEMBER COMMENTS**

**VI. OTHER BUSINESS**

**VII. CONFIDENTIAL SESSION - POSSIBLE ACTION**

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

1. Appropriative Pool Strategic Planning Discussion

**VIII. FUTURE MEETINGS AT WATERMASTER**

- |         |     |            |   |
|---------|-----|------------|---|
| 9/08/16 | Thu | 9:00 a.m.  | Appropriative Pool Meeting  |
| 9/08/16 | Thu | 11:00 a.m. | Non-Agricultural Pool Meeting   |
| 9/08/16 | Thu | 1:30 p.m.  | Agricultural Pool Meeting   |
| 9/13/16 | Tue | 8:30 a.m.  | CBWM Committees and Board Roles Workshop (at Frontier Project – CVWD) |
| 9/15/16 | Thu | 8:00 a.m.  | Appropriative Pool Strategic Planning (Confidential Session Only)     |
| 9/15/16 | Thu | 9:00 a.m.  | Advisory Committee Meeting  |
| 9/15/16 | Thu | 9:30 a.m.  | Recharge Investigations and Projects Committee (RIPCom)               |
| 9/22/16 | Thu | 11:00 a.m. | Watermaster Board   |

**ADJOURNMENT**

**CHINO BASIN WATERMASTER  
NON-AGRICULTURAL POOL MEETING**

11:00 a.m. – September 8, 2016

**WITH**

*Mr. Brian Geye, Chair*

*Mr. Bob Bowcock, Vice-Chair*

**(800) 930-9525 PASS CODE: 917924**

**Call can be taken at**

**Chino Basin Watermaster  
9641 San Bernardino Road  
Rancho Cucamonga, CA 91730**

**AGENDA**

**CALL TO ORDER**

**ROLL CALL**

**AGENDA – ADDITIONS/REORDER**

**I. BUSINESS ITEMS - ROUTINE**

**A. MINUTES**

1. Minutes of the Non-Agricultural Pool Meeting held August 11, 2016 *(Page 3)*

**B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of July 2016 *(Page 15)*
2. Watermaster VISA Check Detail for the month of July 2016 *(Page 29)*
3. Combining Schedule for the Period July 1, 2016 through July 31, 2016 *(Page 33)*
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**C. COST-SHARING AGREEMENT BETWEEN CHINO BASIN WATERMASTER AND CITY OF CHINO HILLS REGARDING THE CHINO HILLS ASR PILOT PROJECT *(Page 57)***

Recommend that the Advisory Committee approve the Cost Sharing Agreement between Chino Basin Watermaster and City of Chino Hills Regarding the Chino Hills ASR Pilot Project.

**II. BUSINESS ITEMS**

**A. 2015 GROUND-LEVEL MONITORING COMMITTEE ANNUAL REPORT *(Page 69)***

Recommend that the Advisory Committee 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.

**B. MEMBER STATUS CHANGES (For Discussion and Possible Action)**

1. Any proposed transfer of Safe Yield by a Member.
2. Any transfer of Safe Yield that has actually closed or been completed.
3. Any change in name or corporate identity of a Member (such as results from a merger or filing of a change of name certificate).

4. Any change in the name of a representative or alternate representative of a Member, or a change in e-mail address for either such person.

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

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

1. September 23, 2016 Hearing
2. September 2, 2016 Court Filing

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

1. Ambient Water Quality Re-Computation
2. 2015 Annual Report of the Ground-Level Monitoring Committee
3. Northwest MZ-1 Program

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

None

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

1. Supplemental Water Recharge Procedure
2. September 13, 2016 CBWM Committees and Board Roles and Responsibilities Workshop
3. Other

### **IV. INFORMATION**

1. Cash Disbursements for August 2016 (*Page 71*)
2. Recharge Investigations and Projects Committee (RIPCom) (*Page 83*)

### **V. POOL MEMBER COMMENTS**

### **VI. OTHER BUSINESS**

### **VII. CONFIDENTIAL SESSION - POSSIBLE ACTION**

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

1. Exhibit "G" Water Transfer
2. Safe Yield Reset
3. Groundwater Storage
4. Governance and Business Operations

### **VIII. FUTURE MEETINGS AT WATERMASTER**

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| 9/22/16 | Thu | 11:00 a.m. | Watermaster Board   |

### **ADJOURNMENT**

**CHINO BASIN WATERMASTER  
AGRICULTURAL POOL MEETING**

1:30 p.m. – September 8, 2016

**WITH**

*Mr. Bob Feenstra, Chair*

*Mr. Jeff Pierson, 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 Agricultural Pool Meeting held August 11, 2016 *(Page 7)*
2. Minutes of the Agricultural Pool Special Meeting held August 31, 2016 *(Page 13)*

**B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of July 2016 *(Page 15)*
2. Watermaster VISA Check Detail for the month of July 2016 *(Page 29)*
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Recommend that the Advisory Committee approve the Cost Sharing Agreement between Chino Basin Watermaster and City of Chino Hills Regarding the Chino Hills ASR Pilot Project.

**II. BUSINESS ITEMS**

**A. 2015 GROUND-LEVEL MONITORING COMMITTEE ANNUAL REPORT *(Page 69)***

Recommend that the Advisory Committee 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.

**B. OLD BUSINESS**

**III. REPORTS/UPDATES**

**A. LEGAL COUNSEL REPORT**

1. September 23, 2016 Hearing
2. September 2, 2016 Court Filing

**B. ENGINEER REPORT**

1. Ambient Water Quality Re-Computation
2. 2015 Annual Report of the Ground-Level Monitoring Committee
3. Northwest MZ-1 Program

**C. CFO REPORT**

None

**D. GM REPORT**

1. Supplemental Water Recharge Procedure
2. September 13, 2016 CBWM Committees and Board Roles and Responsibilities Workshop
3. Other

**IV. INFORMATION**

1. Cash Disbursements for August 2016 (*Page 71*)
2. Recharge Investigations and Projects Committee (RIPCom) (*Page 83*)

**V. POOL DISCUSSION**

1. Chairman's Update
2. Pool Member Comments

**VI. OTHER BUSINESS**

**VII. CONFIDENTIAL SESSION - POSSIBLE ACTION**

Pursuant to the Agricultural 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**

- |         |     |            |   |
|---------|-----|------------|---|
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| 9/15/16 | Thu | 9:00 a.m.  | Advisory Committee Meeting  |
| 9/15/16 | Thu | 9:30 a.m.  | Recharge Investigations and Projects Committee (RIPCom)               |
| 9/22/16 | Thu | 11:00 a.m. | Watermaster Board   |

**ADJOURNMENT**

# CHINO BASIN WATERMASTER

## I. CONSENT CALENDAR

### A. MINUTES

1. Appropriative Pool Meeting held on August 11, 2016  
(Will be distributed separately)

**August 11, 2016 Draft Appropriative Pool  
Meeting Minutes  
(Will be distributed separately)**

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# **CHINO BASIN WATERMASTER**

## **I. BUSINESS ITEM ROUTINE**

### **A. MINUTES**

1. Non-Agricultural Pool Meeting held on August 11, 2016

**DRAFT MINUTES**  
**CHINO BASIN WATERMASTER**  
**NON-AGRICULTURAL POOL MEETING**

August 11, 2016

The Non-Agricultural Pool meeting was held at the offices of Chino Basin Watermaster and via conference call using the Chino Basin Watermaster conference call number on August 11, 2016.

**NON-AGRICULTURAL POOL MEMBERS PRESENT AT WATERMASTER**

Brian Geye, Chair	Auto Club Speedway
Bob Bowcock, Vice-Chair	Calmat Company (Vulcan Materials Co.)
Bob Page	San Bernardino County

**NON-AGRICULTURAL POOL MEMBERS PRESENT ON CALL**

Ken Jeske	California Steel Industries (CSI)
Tom O'Neill	Ontario City Non-Agricultural

**OTHERS PRESENT ON CALL**

Ramsey Haddad	California Steel Industries (CSI)
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**WATERMASTER STAFF PRESENT AT WATERMASTER**

Joseph Joswiak	Chief Financial Officer
Janine Wilson	Recording Secretary

**WATERMASTER CONSULTANTS PRESENT AT WATERMASTER**

Brad Herrema	Brownstein Hyatt Farber Schreck, LLP
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**CALL TO ORDER**

Chair Geye called the Non-Agricultural Pool meeting to order at 11:03 a.m.

**ROLL CALL**

Ms. Wilson conducted the roll call.

**AGENDA – ADDITIONS/REORDER**

None

**I. BUSINESS ITEMS - ROUTINE**

**A. MINUTES**

1. Minutes of the Non-Agricultural Pool Meeting held July 14, 2016

(0:01:51)

*Motion by Mr. Bob Bowcock, seconded by Mr. Bob Page. The Chair called for dissent, and, none being noted, the motion was deemed passed by unanimous vote of those present.*

***Moved to receive and file Business Item I.A. as presented.***

**B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of June 2016
2. Watermaster VISA Check Detail for the month of June 2016
3. Combining Schedule for the Period July 1, 2015 through June 30, 2016
4. Treasurer's Report of Financial Affairs for the Period June 1, 2016 through June 30, 2016
5. Budget vs. Actual Report for the Period July 1, 2015 through June 30, 2016

(0:02:12)

*Motion by Mr. Bob Bowcock, seconded by Mr. Bob Page. The Chair called for dissent, and, none being noted, the motion was deemed passed by unanimous vote of those present.*

***Moved to receive and file Business Item I.B. without approval as presented.***

**C. OBMP SEMI-ANNUAL STATUS REPORTS 2014-2 AND 2015-1**

Recommend that the Advisory Committee recommend to the Watermaster Board to adopt the Semi-Annual OBMP Status Reports 2014-2 and 2015-1, along with filing a copy with the Court, subject to any necessary non-substantive changes.

(0:02:58)

*Motion by Mr. Ken Jeske, seconded by Mr. Bob Page. The Chair called for dissent, and, none being noted, the motion was deemed passed by unanimous vote of those present.*

***Moved to direct the Pool representatives to support Business Item I.C. at the Advisory Committee and Watermaster Board meetings subject to changes which they deem appropriate.***

**D. WATER TRANSACTION**

Notice of Sale or Transfer – The purchase of 500.000 acre-feet of water from West Valley Water District by Cucamonga Valley Water District. This purchase is made from West Valley Water District's Excess Carryover Account, effective for the Fiscal Year 2015-2016. Date of application: April 25, 2016.

(0:03:21)

*Motion by Mr. Bob Page, seconded by Mr. Bob Bowcock. The Chair called for dissent, and, none being noted, the motion was deemed passed by unanimous vote of those present.*

***Moved to direct the Pool representatives to support Business Item I.D. at the Advisory Committee and Watermaster Board meetings subject to changes which they deem appropriate.***

**II. BUSINESS ITEMS**

**A. BUDGET TRANSFER FORM T-16-06-01**

Recommend Advisory Committee Approval of Budget Transfer Form T-16-06-01 for FY 2015/16 as presented.

(0:03:43) Mr. Joswiak gave a report.

(0:04:56)

*Motion by Mr. Bob Page, seconded by Mr. Bob Bowcock. The Chair called for dissent, and, none being noted, the motion was deemed passed by unanimous vote of those present.*

***Moved to direct the Pool representatives to support Business Item II.A. at the Advisory Committee and Watermaster Board meetings subject to changes which they deem appropriate.***

**B. PRADO BASIN HABITAT SUSTAINABILITY PROGRAM COST-SHARING AGREEMENT AMENDMENT**

Recommend Advisory Committee approval of the amendment to the Prado Basin Habitat Sustainability Program cost-sharing agreement with IEUA, subject to any necessary non-substantive changes.

(0:05:21) Mr. Herrema gave a report on behalf of Mr. Kavounas who was still in attendance at the Appropriative Pool meeting. A discussion ensued.

(0:17:54)

*Motion by Mr. Ken Jeske, seconded by Mr. Bob Page. The Chair called for dissent, and the motion was deemed passed by majority vote of those present.*

***Moved to direct the Pool representatives to support Business Item II.B. at the Advisory Committee and Watermaster Board meetings subject to changes which they deem appropriate.***

Mr. Tom O'Neill with the City of Ontario voted no.

**C. ADAPTIVE MANAGEMENT PLAN FOR THE PRADO BASIN HABITAT SUSTAINABILITY PROGRAM**

Recommend that the Advisory Committee recommend to the Watermaster Board to adopt the Adaptive Management Plan for the Prado Basin Habitat Sustainability Program, subject to any necessary non-substantive changes.

(0:18:52) Mr. Herrema gave a report. A discussion ensued.

(0:21:02)

*Motion by Mr. Ken Jeske, seconded by Mr. Bob Page. The Chair called for dissent, and the motion was deemed passed by majority vote of those present.*

***Moved to direct the Pool representatives to support Business Item II.C. at the Advisory Committee and Watermaster Board meetings subject to changes which they deem appropriate.***

Mr. Tom O'Neill with the City of Ontario voted no.

**D. SUPPLEMENTAL WATER RECHARGE PROCEDURE (DISCUSSION ONLY)**

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

**E. MEMBER STATUS CHANGES (For Discussion and Possible Action)**

1. Any proposed transfer of Safe Yield by a Member.
2. Any transfer of Safe Yield that has actually closed or been completed.
3. Any change in name or corporate identity of a Member (such as results from a merger or filing of a change of name certificate).
4. Any change in the name of a representative or alternate representative of a Member, or a change in e-mail address for either such person.

No status change was identified by staff or by a representative in attendance.

**III. REPORTS/UPDATES**

**A. LEGAL COUNSEL REPORT**

1. Alvarez CalPERS Appeal

(0:40:19) Mr. Herrema gave a report.

**B. ENGINEER REPORT**

1. Model Update and Required Demonstrations
2. RMPU Projects Support
3. Compliance with SB 88
4. Watermaster 38<sup>th</sup> Annual Report

None given as Messrs. Wildermuth and Malone were still in attendance at the Appropriative Pool meeting.

**C. CFO REPORT**

- 1. Desalter Replenishment Obligation Update

(0:43:11) Mr. Joswiak gave a report.

**D. GM REPORT**

- 1. Replenishment Water Order With IEUA
- 2. Water Activity Reports
- 3. Water Quality Sampling
- 4. Other

(0:44:18) Mr. Herrema gave a report. A discussion ensued.

**IV. INFORMATION**

- 1. Cash Disbursements for July 2016
- 2. Recharge Investigations and Projects Committee (RIPCom)

**V. POOL MEMBER COMMENTS**

(0:49:16) Chair Geye stated that he would be working with Mr. Poulsen, the Appropriative Pool Chair, on the Exhibit "G" substitute rate. A discussion ensued.

**VI. OTHER BUSINESS**

None

**VII. CONFIDENTIAL SESSION - POSSIBLE ACTION**

None

**ADJOURNMENT**

Chair Geye adjourned the Non-Agricultural Pool meeting at 12:00 p.m.

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

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

# CHINO BASIN WATERMASTER

## I. CONSENT CALENDAR

### A. MINUTES

1. Agricultural Pool Meeting held on August 11, 2016
2. Agricultural Pool Special Meeting held on August 31, 2016

**DRAFT MINUTES**  
**CHINO BASIN WATERMASTER**  
**AGRICULTURAL POOL MEETING**

August 11, 2016

The Agricultural Pool meeting was held at the offices of Chino Basin Watermaster located at 9641 San Bernardino Road, Rancho Cucamonga, CA on August 11, 2016.

**AGRICULTURAL POOL MEMBERS PRESENT**

Bob Feenstra, Chair	Dairy
Jeff Pierson, Vice-Chair	Crops
Lawrence Dimock	State of California – CIM
Carol Boyd	State of California – CIM
Nathan deBoom	Dairy
Henry DeHaan for Gene Koopman	Dairy
John Huitsing	Dairy
Ron LaBrucherie, Jr.	Crops
Rob Vanden Heuvel	Dairy
Bob Page	County of San Bernardino

**WATERMASTER BOARD MEMBERS PRESENT**

Geoffrey Vanden Heuvel	Dairy
Paul Hofer	Crops

**WATERMASTER STAFF PRESENT**

Peter Kavounas	General Manager
Joseph Joswiak	Chief Financial Officer
Anna Truong	Recording Secretary

**WATERMASTER CONSULTANTS PRESENT**

Brad Herrema	Brownstein Hyatt Farber Schreck, LLP
Mark Wildermuth	Wildermuth Environmental, Inc.
Andy Malone	Wildermuth Environmental, Inc.
Veva Weamer	Wildermuth Environmental, Inc.

**OTHERS PRESENT**

Tom Dodson	Dodson and Associates
Richard Rees	AMEC
Dave Crosley	City of Chino
Sylvie Lee	Inland Empire Utilities Agency
Doug McPherson	U.S. Bureau of Reclamation

**CALL TO ORDER**

Chair Feenstra called the Agricultural Pool meeting to order at 1:33 p.m.

**AGENDA - ADDITIONS/REORDER**

(0:00:28) Ms. Boyd requested for Item I.C., the OBMP Semi-Annual Status Reports 2014-2 and 2015-1, to be pulled for separate discussion.

**A. MINUTES**

1. Minutes of the Agricultural Pool Meeting held July 14, 2016

**B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of June 2016
2. Watermaster VISA Check Detail for the month of June 2016
3. Combining Schedule for the Period July 1, 2015 through June 30, 2016
4. Treasurer’s Report of Financial Affairs for the Period June 1, 2016 through June 30, 2016
5. Budget vs. Actual Report for the Period July 1, 2015 through June 30, 2016

**C. OBMP SEMI-ANNUAL STATUS REPORTS 2014-2 AND 2015-1**

Recommend that the Advisory Committee recommend to the Watermaster Board to adopt the Semi-Annual OBMP Status Reports 2014-2 and 2015-1, along with filing a copy with the Court, subject to any necessary non-substantive changes.

**D. WATER TRANSACTION**

Notice of Sale or Transfer – The purchase of 500.000 acre-feet of water from West Valley Water District by Cucamonga Valley Water District. This purchase is made from West Valley Water District’s Excess Carryover Account, effective for the Fiscal Year 2015-2016. Date of application: April 25, 2016.

(0:00:50)

*Motion by Mr. Rob Vanden Heuvel, seconded by Mr. Nathan deBoom, and by unanimous vote*  
***Moved to approve Consent Calendar with the exception of Item I.C. as presented***

(0:01:08) Ms. Boyd requested that reference to the California Institution for Men (CIM) be removed from page 74 of the meeting package under “Other Water Quality Issues” as the Regional Board issued a “no further action” letter discontinuing the monitoring. A discussion ensued.

(0:05:31)

*Motion by Vice-Chair Pierson, seconded by Ms. Carol Boyd, and by unanimous vote*  
***Moved to approve Consent Calendar Item I.C. with the change to page 74, to strike out the reference to the CIM as presented***

**II. BUSINESS ITEMS**

**A. BUDGET TRANSFER FORM T-16-06-01**

Recommend Advisory Committee Approval of Budget Transfer Form T-16-06-01 for FY 2015/16 as presented.

(0:06:20) Mr. Joswiak gave a report. A discussion ensued.

(0:08:24)

*Motion by Vice-Chair Pierson, seconded by Mr. Ron LaBrucherie, Jr., and by unanimous vote*  
***Moved to approve Business Item II.A. as presented***

**B. PRADO BASIN HABITAT SUSTAINABILITY PROGRAM COST-SHARING AGREEMENT AMENDMENT**

Recommend Advisory Committee approval of the amendment to the Prado Basin Habitat Sustainability Program cost-sharing agreement with IEUA, subject to any necessary non-substantive changes.

(0:08:59) Mr. Kavounas gave a report. A discussion ensued. The Pool opted to take a vote after Business Item II.C. was presented.

**C. ADAPTIVE MANAGEMENT PLAN FOR THE PRADO BASIN HABITAT SUSTAINABILITY PROGRAM**

Recommend that the Advisory Committee recommend to the Watermaster Board to adopt the Adaptive Management Plan for the Prado Basin Habitat Sustainability Program, subject to any necessary non-substantive changes.

(0:28:00) Mr. Kavounas gave a report and introduced Mr. Malone to give a presentation.

(0:30:09) Mr. Malone gave a presentation. A discussion ensued.

(1:41:09) Motion introduced by Mr. Ron LaBrucherie, Jr., seconded by Ms. Carol Boyd. A discussion ensued.

(2:05:26) Substitute motion introduced by Mr. Rob Vanden Heuvel. More discussion ensued.

(2:15:54) Roll call vote taken on substitute motion

*Motion by Mr. Rob Vanden Heuvel, seconded by Mr. Henry DeHaan, and failed.*

***Moved to recommended to the Advisory Committee to recommend to the Watermaster Board to delay consideration of Business Items II.B., the Prado Basin Habitat Sustainability Program Cost-Sharing Agreement Amendment, and II.C., the Adaptive Management Plan for the Prado Basin Habitat Sustainability Program until the October 2016 Committee and Board meetings and direct staff to pull together one or more ad hoc meetings with parties from each of the Pools and Board before the item is brought back for consideration at the October 2016 meetings.***

**ROLL CALL VOTE OUTCOME ON SUBSTITUTE MOTION**

Larry Dimock	No
John Huitsing	Yes
Rob Vanden Heuvel	Yes
Carol Boyd	No
Bob Page	No
Ron LaBrucherie, Jr.	No
Henry DeHaan	Yes
Nathan deBoom	Yes
Jeff Pierson	No
Bob Feenstra	No

(2:17:22) Vote taken on main motion

*Motion by Mr. Ron LaBrucherie, Jr., seconded by Ms. Carol Boyd, and by unanimous vote*

***Moved to approve Business Items II.B, the Prado Basin Habitat Sustainability Program Cost-Sharing Agreement Amendment, and II.C., the Adaptive Management Plan for the Prado Basin Habitat Sustainability Program as presented.***

**D. SUPPLEMENTAL WATER RECHARGE PROCEDURE (DISCUSSION ONLY)**

(2:18:19) Mr. Kavounas gave a report and indicated that feedback from the Pool is requested by September 9, 2016. After comments are received, the item will be brought back to the Pools at its October 2016 meetings for consideration.

**E. OLD BUSINESS**

None

**III. REPORTS/UPDATES**

**A. LEGAL COUNSEL REPORT**

1. Alvarez CalPERS Appeal

(2:21:34) Mr. Herrema gave a report.

**B. ENGINEER REPORT**

1. Model Update and Required Demonstrations
2. RMPU Projects Support
3. Compliance with SB 88
4. Watermaster 38<sup>th</sup> Annual Report

(2:23:40) Mr. Wildermuth gave a presentation on report Item III.B.1, the Model Update and Required Demonstrations. A discussion ensued.

(2:31:41) Mr. Malone gave a report on Items II.B.2-4. A discussion ensued.

**C. CFO REPORT**

1. Desalter Replenishment Obligation Update

(2:33:22) Mr. Joswiak gave a presentation.

**D. GM REPORT**

2. Replenishment Water Order With IEUA
3. Water Activity Reports
4. Water Quality Sampling
5. Other

(2:33:56) Mr. Kavounas gave a report and also provided updates on the September 13, 2016 CBWM Workshop, the projects selection process for the RIPCom, the IEUA grant award for the RP3 portion of project 23A of the RMPU amendment projects. A discussion ensued.

**IV. INFORMATION**

1. Cash Disbursements for July 2016
2. Recharge Investigations and Projects Committee (RIPCom)

**V. POOL DISCUSSION**

1. Chairman's Update
2. Pool Member Comments

(2:37:55) Chair Feenstra commented on Mr. Koopman's memorial service and thanked those who came to support. He also commented on complaints he received regarding water odor and taste in the Chino Hills area. A discussion ensued.

**VI. OTHER BUSINESS**

None

**VII. CONFIDENTIAL SESSION - POSSIBLE ACTION**

None

**ADJOURNMENT**

Chair Feenstra adjourned the Agricultural Pool meeting at 4:15 p.m.

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

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

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**DRAFT MINUTES**  
**CHINO BASIN WATERMASTER**  
**AGRICULTURAL POOL – SPECIAL MEETING**

August 31, 2016

The Agricultural Pool special meeting was held at the offices of the Chino Basin Watermaster located at 9641 San Bernardino Rd., Rancho Cucamonga, CA, and via conference call on August 31, 2016.

**AGRICULTURAL POOL MEMBERS PRESENT**

Bob Feenstra, Chair	Dairy
Pete Hall	State of California – CIM
Larry Dimock	State of California – CIM
Henry DeHaan	Dairy
Bob Page	County of San Bernardino
Rob LaBrucherie	Crops
Nathan deBoom	Dairy
Rob Vanden Heuvel	Dairy

**AGRICULTURAL POOL MEMBERS PRESENT ON CALL**

Jeff Pierson, Vice-Chair	Crops
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**WATERMASTER BOARD MEMBERS PRESENT**

Paul Hofer	Crops
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**OTHERS PRESENT ON CALL**

Diana Frederick	State of California – CDCR
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**OTHERS PRESENT**

Tracy Egoscue	Egoscue Law Group
Rick Rees	AMEC
Marilyn Levin	State of California – DOJ
Craig Stewart	AMEC
Peter Thyberg	State of California – CDCR

**CALL TO ORDER**

Chair Feenstra called the Agricultural Pool special meeting to order at 12:00 p.m.

**I. CONFIDENTIAL SESSION**

The confidential session discussion began at 12:00 p.m. and concluded at 2:30 p.m. with no reportable action.

**ADJOURNMENT**

Chair Feenstra adjourned the Agricultural Pool special meeting at 2:30 p.m.

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

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

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# CHINO BASIN WATERMASTER

## **I. CONSENT CALENDAR (App & Ag Pool)**

### **B. FINANCIAL REPORTS**

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

## **I. BUSINESS ITEM ROUTINE (Non-Ag Pool)**

### **B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of July 2016
2. Watermaster VISA Check Detail for the month of July 2016
3. Combining Schedule for the Period July 1, 2016 through July 31, 2016
4. Treasurer's Report of Financial Affairs for the Period July 1, 2016 through July 31, 2016
5. Budget vs. Actual Report for the Period July 1, 2016 through July 31, 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: September 8, 2016  
TO: Pool Committee Members  
SUBJECT: Cash Disbursement Report - Financial Report B1 (July 31, 2016)

### SUMMARY

Issue: Record of Cash Disbursements for the month of July 31, 2016.

Recommendation: Receive and file Cash Disbursements for July 31, 2016 as presented.

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

### Future Consideration

Appropriative Pool: September 8, 2016; Receive and File  
Non-Agricultural Pool: September 8, 2016; Receive and File  
Agricultural Pool: September 8, 2016; Receive and File  
Advisory Committee: September 15, 2016; Receive and File  
Watermaster Board: September 22, 2016; Receive and File (Normal Course of Business)

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### ACTIONS:

September 8, 2016 – Appropriative Pool –  
September 8, 2016 – Non-Agricultural Pool –  
September 8, 2016 – Agricultural Pool –  
September 15, 2016 – Advisory Committee –  
September 22, 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 July 2016 were \$1,852,406.94.

The most significant expenditures during the month were to Inland Empire Utilities Agency in the amounts of \$465,200.00, \$243,510.82, \$90,047.47, \$130,198.61, \$102,480.39, and \$109,982.49 (check number 19542 dated July 18, 2016, check number 19546 dated July 18, 2016, check number 19547 dated July 18, 2016, check number 19548 dated July 18, 2016, check number 19549 dated July 18, 2016, and check number 19550 dated July 18, 2016); and Wildermuth Environmental, Inc. in the amount of \$186,536.60 (check number 19558 dated July 18, 2016).

## ATTACHMENTS

1. Financial Report - B1

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
July 2016

Type	Date	Num	Name	Memo	Account	Paid Amount
General Journal	07/02/2016	07/02/2016	Payroll and Taxes for 06/19/16-07/02/16	Payroll and Taxes for 06/19/16-07/02/16	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 06/19/16-07/02/16	1012 · Bank of America Gen'l Ckg	20,594.36
				Payroll Taxes for 06/19/16-07/02/16	1012 · Bank of America Gen'l Ckg	8,951.14
				Payroll Checks for 06/19/16-07/02/16	1012 · Bank of America Gen'l Ckg	4,436.74
			ICMA-RC	457(b) Employee Deductions for 06/19/16-07/02/16	1012 · Bank of America Gen'l Ckg	3,639.27
			ICMA-RC	401(a) Employee Deductions for 06/19/16-07/02/16	1012 · Bank of America Gen'l Ckg	1,015.20
TOTAL						38,636.71
Bill Pmt -Check	07/06/2016	ACH 070616	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	07/02/2016	07/02/2016	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 06/19/16-07/02/16	2000 · Accounts Payable	5,691.07
TOTAL						5,691.07
Bill Pmt -Check	07/11/2016	19498	ACWA JOINT POWERS INSURANCE AUTHORITY	0419244	1012 · Bank of America Gen'l Ckg	
Bill	06/30/2016	0422846		Prepayment - August 2016	1409 · Prepaid Life, BAD&D & LTD	133.92
				July 2016	60181 · Life & Disab.Ins Benefits	134.44
TOTAL						268.36
Bill Pmt -Check	07/11/2016	19499	APPLIED COMPUTER TECHNOLOGIES	VOID: 2689	1012 · Bank of America Gen'l Ckg	0.00
Bill Pmt -Check	07/11/2016	19500	CHARTER COMMUNICATIONS	8245100651455350	1012 · Bank of America Gen'l Ckg	
Bill	07/06/2016	8245100651455350		7/06/16-8/05/16	6053 · Internet Expense	64.99
TOTAL						64.99
Bill Pmt -Check	07/11/2016	19501	CHEF DAVE'S CAFE & CATERING	6168	1012 · Bank of America Gen'l Ckg	
Bill	06/23/2016	6168		Lunch for 6/23/16 Watermaster Board meeting	6312 · Meeting Expenses	456.20
TOTAL						456.20
Bill Pmt -Check	07/11/2016	19502	COMPUTER NETWORK	101178	1012 · Bank of America Gen'l Ckg	
Bill	06/21/2016	101178		CFO laptop repair - keyboard/motherboard	6055 · Computer Hardware	258.00
TOTAL						258.00
Bill Pmt -Check	07/11/2016	19503	CURATALO, JAMES	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	06/10/2016	6/10 Personnel Comm		6/10/16 Personnel Committee Meeting	6311 · Board Member Compensation	125.00
Bill	06/17/2016	6/17 Mtg w/AG Pool		6/17/16 Meeting w/Agricultural Pool - P. Hofer	6311 · Board Member Compensation	125.00
Bill	06/21/2016	6/21 Agenda Preview		6/21/16 Board agenda preview	6311 · Board Member Compensation	125.00
Bill	06/23/2016	6/23 Board Mtg		6/23/16 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						500.00
Bill Pmt -Check	07/11/2016	19504	DE BOOM, NATHAN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	

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

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	06/09/2016	6/09 Ag Pool Mtg		Ag Pool Member Compensation	8411 · Compensation	25.00
				6/09/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	07/11/2016	19505	DE HAAN, HENRY	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	06/09/2016	6/09 Ag Pool Mtg		Ag Pool Member Compensation	8411 · Compensation	25.00
				6/09/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	07/11/2016	19506	ELIE, STEVEN	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	06/10/2016	6/10 Personnel Comm		6/10/16 Personnel Committee Meeting	6311 · Board Member Compensation	125.00
Bill	06/20/2016	6/20 Admin Mtg		6/20/16 Administrative Meeting w/PK	6311 · Board Member Compensation	125.00
Bill	06/21/2016	6/21 Board Agenda		6/21/16 Board agenda preview	6311 · Board Member Compensation	125.00
TOTAL						375.00
Bill Pmt -Check	07/11/2016	19507	FEENSTRA, BOB	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	06/09/2016	6/09 Ag Pool Mtg		6/09/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	06/10/2016	6/10 Personel Comm		6/10/16 Personnel Committee Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	06/16/2016	6/16 Advisory Comm		6/16/16 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	06/23/2016	6/23 Board Mtg		6/23/16 Board Meeting	8470 · Ag Meeting Attend -Special	125.00
TOTAL						500.00
Bill Pmt -Check	07/11/2016	19508	HUITSING, JOHN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	06/09/2016	6/09 Ag Pool Mtg		Ag Pool Member Compensation	8411 · Compensation	25.00
				6/09/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	07/11/2016	19509	KESSLER ALAIR INSURANCE SERVICES, INC.	640138	1012 · Bank of America Gen'l Ckg	
Bill	06/07/2016	640138		D&O for June 2016	6085 · Business Insurance Package	1,051.07
				D&O for July 2016 - May 2017	1401 · Prepaid Insurance-Pkg	11,736.93
TOTAL						12,788.00
Bill Pmt -Check	07/11/2016	19510	LEVEL 3 COMMUNICATIONS	VOID: 44695005	1012 · Bank of America Gen'l Ckg	0.00
TOTAL						
Bill Pmt -Check	07/11/2016	19511	LOS ANGELES NEWS GROUP	900421820	1012 · Bank of America Gen'l Ckg	
Bill	07/06/2016	900421820		52 week subscription	6112 · Subscriptions/Publications	530.11
TOTAL						530.11
Bill Pmt -Check	07/11/2016	19512	PAYCHEX	2016063000	1012 · Bank of America Gen'l Ckg	

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CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
July 2016

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	06/30/2016	2016063000		June 2016	6012 · Payroll Services	307.09
TOTAL						307.09
Bill Pmt -Check	07/11/2016	19513	PIERSON, JEFFREY	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	06/09/2016	6/09 Ag Pool Mtg		6/09/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	06/16/2016	6/16 Advisory Comm		6/16/16 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	06/16/2016	6/16 RIPCom Mtg		6/16/16 RIPCom Meeting	8470 · Ag Meeting Attend -Special	125.00
TOTAL						375.00
Bill Pmt -Check	07/11/2016	19514	PREMIERE GLOBAL SERVICES	21439074	1012 · Bank of America Gen'l Ckg	
Bill	06/30/2016	21439074		Appropriative Pool agenda call on 6/01	8312 · Meeting Expenses	11.52
				SGMA Compliance call on 6/07	6906.23 · SGMA Reporting Requirements	25.73
				SGMA Compliance call on 6/08	6906.23 · SGMA Reporting Requirements	26.61
				Non-Ag Pool meeting call on 6/09	8512 · Meeting Expense	41.06
				Personnel Committee meeting call on 6/10	6141.3 · Admin Meetings	38.87
				Board agenda preview call on 6/21	6312 · Meeting Expenses	11.90
				Fee - Confidential	6022 · Telephone	49.00
				Fee - General	6022 · Telephone	49.00
				Fee - Service	6022 · Telephone	5.46
TOTAL						259.15
Bill Pmt -Check	07/11/2016	19515	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	VOID: Payor #3493	1012 · Bank of America Gen'l Ckg	0.00
TOTAL						0.00
Bill Pmt -Check	07/11/2016	19516	PUMP CHECK	VOID: 6449	1012 · Bank of America Gen'l Ckg	0.00
TOTAL						0.00
Bill Pmt -Check	07/11/2016	19517	RAUCH COMMUNICATION CONSULTANTS, LLC	VOID: Jun-1609	1012 · Bank of America Gen'l Ckg	0.00
TOTAL						0.00
Bill Pmt -Check	07/11/2016	19518	READY REFRESH BY NESTLE	0023230253	1012 · Bank of America Gen'l Ckg	
Bill	06/29/2016	0023230253		Office Water Bottle - June 2016	6031.7 · Other Office Supplies	102.43
TOTAL						102.43
Bill Pmt -Check	07/11/2016	19519	RR FRANCHISING, INC.	24432	1012 · Bank of America Gen'l Ckg	
Bill	07/01/2016	24432		Monthly janitorial service - July 2016	6024 · Building Repair & Maintenance	740.00
TOTAL						740.00
Bill Pmt -Check	07/11/2016	19520	STATE COMPENSATION INSURANCE FUND	1970970-15	1012 · Bank of America Gen'l Ckg	
Bill	07/01/2016	1970970-16		1970970-15	60183 · Worker's Comp Insurance	266.01

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
July 2016

TOTAL	Type	Date	Num	Name	Memo	Account	Paid Amount
	Bill Pmt -Check	07/11/2016	19521	UNION 76	7076-2245-3035-5049	1012 · Bank of America Gen'l Ckg	
	Bill	06/30/2016	7076224530355049		Fuel - June 2016	6175 · Vehicle Fuel	197.80
TOTAL							197.80
	Bill Pmt -Check	07/11/2016	19522	UNITED HEALTHCARE	C0040845940	1012 · Bank of America Gen'l Ckg	
	Bill	06/29/2016	C0040845940		Dental Insurance Premium - July 2016	60182.2 · Dental & Vision Ins	816.43
TOTAL							816.43
	Bill Pmt -Check	07/11/2016	19523	VANDEN HEUVEL, GEOFFREY	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
	Bill	06/23/2016	6/23 Board Mtg		6/23/16 Board meeting	6311 · Board Member Compensation	125.00
TOTAL							125.00
	Bill Pmt -Check	07/11/2016	19524	VANDEN HEUVEL, ROB	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
	Bill	06/09/2016	6/09 Ag Pool Mtg		Ag Pool Member Compensation	8411 · Compensation	25.00
	Bill	06/16/2016	6/16 Advisory Comm		6/09/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
	Bill				Ag Pool Member Compensation	8411 · Compensation	25.00
	Bill				6/16/16 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL							250.00
	Bill Pmt -Check	07/11/2016	19525	VISION SERVICE PLAN	00-101789-0001	1012 · Bank of America Gen'l Ckg	
	Bill	06/20/2016	001017890001		Vision Insurance Premium - July 2016	60182.2 · Dental & Vision Ins	97.74
TOTAL							97.74
	Bill Pmt -Check	07/11/2016	19526	YSI INCORPORATED	649316	1012 · Bank of America Gen'l Ckg	
	Bill	06/20/2016	649316		PH Kit Sensor	7103.6 · Grdwtr Qual-Supplies	309.33
TOTAL							309.33
	Bill Pmt -Check	07/11/2016	19527	YUKON DISPOSAL SERVICE	08-K2 213849	1012 · Bank of America Gen'l Ckg	
	Bill	07/06/2016	08-k2 213849		Disposal Service - July 2016	6024 · Building Repair & Maintenance	111.57
TOTAL							111.57
	Bill Pmt -Check	07/11/2016	19528	STAPLES BUSINESS ADVANTAGE	8039776766	1012 · Bank of America Gen'l Ckg	
	Bill	06/18/2016	8039776766		Miscellaneous office supplies	6031.7 · Other Office Supplies	180.05
TOTAL							180.05
	Bill Pmt -Check	07/11/2016	19529	BROWNSTEIN HYATT FARBER SCHRECK	VOID	1012 · Bank of America Gen'l Ckg	0.00
TOTAL							0.00

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CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
July 2016

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	07/13/2016	19530	BOWMAN, JIM	VOID: Board Member Compensation	1012 · Bank of America Gen'l Ckg	0.00
TOTAL						
Bill Pmt -Check	07/13/2016	19531	CORELOGIC INFORMATION SOLUTIONS	VOID:	1012 · Bank of America Gen'l Ckg	0.00
TOTAL						
Bill Pmt -Check	07/13/2016	19532	GOLDEN METERS SERVICE	VOID: 783	1012 · Bank of America Gen'l Ckg	0.00
TOTAL						
Bill Pmt -Check	07/13/2016	19533	KUHN, BOB	VOID: Board Member Compensation	1012 · Bank of America Gen'l Ckg	0.00
TOTAL						
Bill Pmt -Check	07/13/2016	19534	PHILADELPHIA INSURANCE COMPANY	04024832101	1012 · Bank of America Gen'l Ckg	
Bill	06/23/2016	04024832101		General Liability 06/26/16 - 06/30/16	6085 · Business Insurance Package	54.95
				General Liability 07/01/16 - 06/25/17	1405 · Prepaid Ins-Bus Pkg Policy	3,954.05
				Auto Coverage 06/26/16 - 06/30/16	6085 · Business Insurance Package	66.90
				Auto Coverage 07/01/16 - 06/25/17	1405 · Prepaid Ins-Bus Pkg Policy	4,817.14
				Ultimate Cover 06/26/16 - 06/30/16	6085 · Business Insurance Package	35.65
				Ultimate Cover 07/01/16 - 06/25/17	1405 · Prepaid Ins-Bus Pkg Policy	2,564.35
				Errors and Omissions 06/26/16 - 06/30/16	6085 · Business Insurance Package	4.15
				Errors and Omissions 07/01/16 - 06/25/17	1405 · Prepaid Ins-Bus Pkg Policy	295.85
				Umbrella Liability 06/26/16 - 06/30/16	6085 · Business Insurance Package	40.10
				Umbrella Liability 07/01/16 - 06/25/17	1405 · Prepaid Ins-Bus Pkg Policy	2,884.90
TOTAL						14,718.04
Bill Pmt -Check	07/13/2016	19535	STATE COMPENSATION INSURANCE FUND	VOID: 1970970-16	1012 · Bank of America Gen'l Ckg	0.00
TOTAL						
Bill Pmt -Check	07/13/2016	19536	THOMAS, THOMAS R.	VOID: Board Member Compensation	1012 · Bank of America Gen'l Ckg	0.00
TOTAL						
Bill Pmt -Check	07/13/2016	19537	VANDEN HEUVEL, GEOFFREY	VOID: Board Member Compensation	1012 · Bank of America Gen'l Ckg	0.00
TOTAL						
Bill Pmt -Check	07/13/2016	19538	WESTERN MUNICIPAL WATER DISTRICT	VOID: Board Member Compensation	1012 · Bank of America Gen'l Ckg	0.00
TOTAL						
Check	07/15/2016	07/15/2016	Service Charge	Service Charge	1012 · Bank of America Gen'l Ckg	
				Service Charge	6039.1 · Banking Service Charges	404.54
TOTAL						404.54

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CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
July 2016

Type	Date	Num	Name	Memo	Account	Paid Amount
General Journal	07/16/2016	07/16/2016	Payroll and Taxes for 07/03/16-07/16/16	Payroll and Taxes for 07/03/16-07/16/16	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 07/03/16-07/16/16	1012 · Bank of America Gen'l Ckg	21,138.33
				Payroll Taxes for 07/03/16-07/16/16	1012 · Bank of America Gen'l Ckg	9,188.05
				Payroll Checks for 07/03/16-07/16/16	1012 · Bank of America Gen'l Ckg	4,436.74
			ICMA-RC	457(b) Employee Deductions for 07/03/16-07/16/16	1012 · Bank of America Gen'l Ckg	3,639.27
			ICMA-RC	401(a) Employee Deductions for 07/03/16-07/16/16	1012 · Bank of America Gen'l Ckg	1,048.26
TOTAL						39,450.65
Bill Pmt -Check	07/18/2016	19539	EGOSCUE LAW GROUP	11320	1012 · Bank of America Gen'l Ckg	
Bill	06/30/2016	11320		Ag Pool Legal Services - June 2016	8467 · Ag Legal & Technical Services	6,572.50
TOTAL						6,572.50
Bill Pmt -Check	07/18/2016	19540	ESRI	93155103	1012 · Bank of America Gen'l Ckg	
Bill	07/13/2016	93155103		ESRI maintenance 8/19/2016 - 8/18/2017	6054 · Computer Software	1,040.00
TOTAL						1,040.00
Bill Pmt -Check	07/18/2016	19541	FRONTIER COMMUNICATIONS	909-484-3890-050914-5	1012 · Bank of America Gen'l Ckg	
Bill	07/14/2016	90948438900509145		Office high-speed fax line	6022 · Telephone	140.82
TOTAL						140.82
Bill Pmt -Check	07/18/2016	19542	INLAND EMPIRE UTILITIES AGENCY	90018421	1012 · Bank of America Gen'l Ckg	
Bill	07/11/2016	90018421		FY 2016/17 Recharge Debt Payment	7690.1 · Recharge Improvement Debt Pymts	465,200.00
TOTAL						465,200.00
Bill Pmt -Check	07/18/2016	19543	MINDSHIFT	0222397	1012 · Bank of America Gen'l Ckg	
Bill	07/12/2016	0222397		IT Managed Services	6052.4 · mindSHIFT Technologies, Inc.	3,770.00
TOTAL						3,770.00
Bill Pmt -Check	07/18/2016	19544	SANTA ANA WATERSHED PROJECT AUTHORIT	9246	1012 · Bank of America Gen'l Ckg	
Bill	07/14/2016	9246		FY 2016/17 Basin Monitoring Prgm. Task Force	6903 · OBMP SAWPA Group	18,415.00
TOTAL						18,415.00
Bill Pmt -Check	07/18/2016	19545	VERIZON WIRELESS	9768149954	1012 · Bank of America Gen'l Ckg	
Bill	07/12/2016	9768149954			6022 · Telephone	245.84
TOTAL						245.84
Bill Pmt -Check	07/18/2016	19546	INLAND EMPIRE UTILITIES AGENCY	90018420	1012 · Bank of America Gen'l Ckg	
Bill	07/14/2016	90018420		GW Recharge O&M - FY 2016/17 1st Quarter	7206 · Comp Recharge-O&M	243,510.82
TOTAL						243,510.82

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TOTAL

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

Type	Date	Num	Name	Memo	Account	Paid Amount	
Bill Pmt -Check	07/18/2016	19547	INLAND EMPIRE UTILITIES AGENCY	1800002839	1012 · Bank of America Gen'l Ckg		
Bill	06/30/2016	1800002839		Lower Day Improvement Project - Invoice #2	7690.8 · Lower Day Basin RMPU (TO #2)	90,047.47	
TOTAL						90,047.47	
Bill Pmt -Check	07/18/2016	19548	INLAND EMPIRE UTILITIES AGENCY	1800002838	1012 · Bank of America Gen'l Ckg		
Bill	06/30/2016	1800002838		San Sevaine Basin Improvement Proj. - Invoice #2	7690.4 · San Sevaine Recharge (TO # 8)	130,198.61	
TOTAL						130,198.61	
Bill Pmt -Check	07/18/2016	19549	INLAND EMPIRE UTILITIES AGENCY	1800002840	1012 · Bank of America Gen'l Ckg		
Bill	06/30/2016	1800002840		RMPU Yield Enhancement Project - Invoice #1	7690.15 · RMPU Amend. Yield (TO #1)	102,480.39	
TOTAL						102,480.39	
Bill Pmt -Check	07/18/2016	19550	INLAND EMPIRE UTILITIES AGENCY	1800002837	1012 · Bank of America Gen'l Ckg		
Bill	07/01/2016	1800002837		East Decliez Basin Project - Invoice #1	7690.16 · East Decliez Basin (TO #1)	109,982.49	
TOTAL						109,982.49	
<b>P23</b>	Check	07/20/2016	19551	FONTANA WATER COMPANY	FY 2015/16 Assesment Refund	1012 · Bank of America Gen'l Ckg	
	Credit Memo	06/23/2016	AP16-37CR		15% Gross Replenishment Assessments	4211 · 15% Gross Assessments	207,408.53
					Cumulative Unmet Replenishmnt Obligation-(CURC 4216 · CURO Adjustment		0.04
					Refund of Excess Reserves-Assessments-Approp. 9996 · Refund-Excess Reserves-Approp.		2,302.93
					Refund of Excess Reserves-Recharge Debt Assess 9998 · Refund-Recharge Debt-Approp.		1.55
TOTAL				Credit for November 19, 2015 Invoicing of 50%	4111 · Gross Administration	71,602.19	
						281,315.24	
Bill Pmt -Check	07/21/2016	ACH 072116	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg		
General Journal	07/16/2016	07/16/2016	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 07/03/16-07/16/16	2000 · Accounts Payable	5,871.69	
TOTAL						5,871.69	
Bill Pmt -Check	07/25/2016	19552	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg		
Bill	06/30/2016	XXXX-XXXX-XXXX-9341		Purchase miscellaneous office supplies	6031.7 · Other Office Supplies	17.89	
				Purchase miscellaneous office supplies	6031.7 · Other Office Supplies	253.90	
				Send documents to D. Maurizio	6042 · Postage - General	36.31	
				Purchase miscellaneous office supplies	6031.7 · Other Office Supplies	34.74	
				Purchase miscellaneous office supplies	6031.7 · Other Office Supplies	14.97	
				Send documents to D. Maurizio	6042 · Postage - General	53.98	
				Purchase uniforms for office staff	6154 · Uniforms	85.89	
				Place ad for open position w/Brown & Caldwell	6016 · New Employee Search Costs	198.79	
				Place ad for open position w/Transittalent.com	6016 · New Employee Search Costs	173.94	
				Send documents to D. Maurizio	6042 · Postage - General	28.49	

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

Type	Date	Num	Name	Memo	Account	Paid Amount
				Purchase IT supplies	6057 · Computer Maintenance	23.84
				Purchase miscellaneous office supplies	6031.7 · Other Office Supplies	252.57
				PK meeting w/Tom Thomas	6312 · Meeting Expenses	36.08
				PK meeting w/Don Pierro	6909.1 · OBMP Meetings	45.52
				PK expense - CA Water Law & Policy Conf.	6191 · Conferences - General	20.87
				Reg.-Truong/Wilson-Communication Skills 4 Wome	6192 · Seminars - General	157.04
				PK expense - CA Water Law & Policy Conf.	6191 · Conferences - General	66.10
				PK expense - CA Water Law & Policy Conf.	6191 · Conferences - General	11.99
				PK expense - CA Water Law & Policy Conf.	6191 · Conferences - General	37.21
				PK-parking at airport-CA Water Law & Policy Conf.	6191 · Conferences - General	53.67
				PK-hotel-CA Water Law & Policy Conf.	6191 · Conferences - General	645.83
				PK meeting w/Bob Bowcock	6312 · Meeting Expenses	25.74
				Lunch for WEI meeting	6909.1 · OBMP Meetings	118.63
				PK meeting w/Steve Elie	6312 · Meeting Expenses	52.90
				PK meeting w/Bob Kuhn	6312 · Meeting Expenses	28.77
TOTAL						2,475.66
	Bill Pmt -Check	07/25/2016	19553	CALPERS	1394905143	1012 · Bank of America Gen'l Ckg
	Bill	07/14/2016	1394905143		1394905143	60182.1 · Medical Insurance
TOTAL						6,311.47
	Bill Pmt -Check	07/25/2016	19554	EUROFINS EATON ANALYTICAL		1012 · Bank of America Gen'l Ckg
	Bill	06/30/2016	L0269690		L0269690	7108.41 · Hydraulic Control - PBHSP
	Bill	06/30/2016	L0270617		L0270617	7108.41 · Hydraulic Control - PBHSP
	Bill	06/30/2016	L0270618		L0270618	7108.41 · Hydraulic Control - PBHSP
	Bill	06/30/2016	L0270328		L0270328	7108.41 · Hydraulic Control - PBHSP
	Bill	06/30/2016	L0270620		L0270620	7108.41 · Hydraulic Control - PBHSP
TOTAL						11,304.00
	Bill Pmt -Check	07/25/2016	19555	JOHN J. SCHATZ	Legal Services	1012 · Bank of America Gen'l Ckg
	Bill	06/30/2016			Appropriative Pool Legal Services - June 2016	8367 · Legal Service
TOTAL						2,414.00
	Bill Pmt -Check	07/25/2016	19556	LEGAL SHIELD	0111802	1012 · Bank of America Gen'l Ckg
	Bill	07/20/2016	0111802		Employee Deductions - July 2016	60194 · Other Employee Insurance
TOTAL						79.70
	Bill Pmt -Check	07/25/2016	19557	STAPLES BUSINESS ADVANTAGE	8040058589	1012 · Bank of America Gen'l Ckg
	Bill	07/09/2016	8040058589		Miscellaneous office supplies	6031.7 · Other Office Supplies
TOTAL						143.46

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
July 2016

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	07/25/2016	19558	WILDERMUTH ENVIRONMENTAL INC		1012 · Bank of America Gen'l Ckg	
Bill	06/30/2016	2016215		2016215	6906.31 · OBMP-Pool, Adv. Board Mtgs	5,161.36
Bill	06/30/2016	2016216		2016216	6910.11 · WEI Support-Grant Funding-RMPU	26,218.76
Bill	06/30/2016	2016217		2016217	6906.71 · OBMP-Data Req.-CBWM Staff	2,367.50
				Consulting Services	6906.71 · OBMP-Data Req.-CBWM Staff	6,760.00
Bill	06/30/2016	2016218		2016218	6906.71 · OBMP-Data Req.-CBWM Staff	20,837.15
Bill	06/30/2016	2016219		2016219	6906.72 · OBMP-Data Req.-Non CBWM Staff	8,757.05
Bill	06/30/2016	2016220		2016220	6906 · OBMP Engineering Services	1,925.00
Bill	06/30/2016	2016221		2016221	6906.1 · OBMP-Watermaster Model Update	7,764.00
Bill	06/30/2016	2016222		2016222	7103.3 · Grdwtr Qual-Engineering	13,097.50
Bill	06/30/2016	2016223		2016223	7104.3 · Grdwtr Level-Engineering	30,535.37
Bill	06/30/2016	2016224		2016224	7107.2 · Grd Level-Engineering	2,513.39
				Parsons Brinckerhoff, Inc.	7107.6 · Grd Level-Contract Svcs	5,886.09
Bill	06/30/2016	2016225		2016225	7108.31 · Hydraulic Control - PBHSP	23,098.17
Bill	06/30/2016	2016226		2016226	7202.2 · Engineering Svc	12,647.72
Bill	06/30/2016	2016227		2016227	7402 · PE4-Engineering	9,870.00
				Outside Professional - Michael C. Carpenter	7402 · PE4-Engineering	500.00
Bill	06/30/2016	2016228		2016228	7402.10 · PE4 - Northwest MZ1 Area Proj.	5,717.79
Bill	06/30/2016	2016229		2016229	7502 · PE6&7-Engineering	542.50
Bill	06/30/2016	2016230		2016230	6910.13 · IEUA-San Sevaine Imp. Proj.	2,337.25
TOTAL						186,536.60
Bill Pmt -Check	07/25/2016	19559	CORELOGIC INFORMATION SOLUTIONS		1012 · Bank of America Gen'l Ckg	
Bill	06/30/2016	81708884		81708884	7103.7 · Grdwtr Qual-Computer Svc	62.50
				81708884	7101.4 · Prod Monitor-Computer	62.50
Bill	06/30/2016	81688580		81688580	7103.7 · Grdwtr Qual-Computer Svc	62.50
				81688580	7101.4 · Prod Monitor-Computer	62.50
TOTAL						250.00
Bill Pmt -Check	07/26/2016	19560	CUCAMONGA VALLEY WATER DISTRICT	Lease due August 1, 2016	1012 · Bank of America Gen'l Ckg	
Bill	07/18/2016			Lease due August 1, 2016	1422 · Prepaid Rent	6,371.16
TOTAL						6,371.16
Bill Pmt -Check	07/26/2016	19561	FEDAK & BROWN LLP	Audit Services	1012 · Bank of America Gen'l Ckg	
Bill	07/25/2016			Progress Billing - July 2016	6062 · Audit Services	1,200.00
TOTAL						1,200.00
Bill Pmt -Check	07/26/2016	19562	GREAT AMERICA LEASING CORP.	19074233	1012 · Bank of America Gen'l Ckg	
Bill	07/25/2016	19074233		Invoice	6043.1 · Ricoh Lease Fee	3,285.30

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CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
July 2016

Financial Report - B1

Type	Date	Num	Name	Memo	Account	Paid Amount
				Usage for Color Copies	6043.2 · Ricoh Usage & Maintenance Fee	1,098.52
TOTAL						4,383.82
Bill Pmt -Check	07/26/2016	19563	JESKE, KEN'	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	06/30/2016	6/23 Board Mtg		6/23/16 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	07/26/2016	19564	LEVEL 3 COMMUNICATIONS	45430566	1012 · Bank of America Gen'l Ckg	
Bill	07/25/2016	45430566		7/17/16 - 8/16/16	6053 · Internet Expense	1,049.56
TOTAL						1,049.56
Bill Pmt -Check	07/26/2016	19565	MINDSHIFT	0223417	1012 · Bank of America Gen'l Ckg	
Bill	07/25/2016	0223417		Replacement of UPS system for server room	6055 · Computer Hardware	3,213.60
TOTAL						3,213.60
Bill Pmt -Check	07/26/2016	19566	PITNEY BOWES CREDIT CORPORATION	3100364847	1012 · Bank of America Gen'l Ckg	
Bill	07/25/2016	3100364847		Postage meter lease - quarterly	6044 · Postage Meter Lease	402.84
TOTAL						402.84
P26						
Bill Pmt -Check	07/26/2016	19567	R&D PEST SERVICES	0203731	1012 · Bank of America Gen'l Ckg	
Bill	07/25/2016	0203731		Pest control - ant and cockroach prevention	6024 · Building Repair & Maintenance	100.00
TOTAL						100.00
Bill Pmt -Check	07/26/2016	19568	READY REFRESH BY NESTLE	0023230253	1012 · Bank of America Gen'l Ckg	
Bill	07/25/2016	0023230253		Office Water Bottle - July 2016	6031.7 · Other Office Supplies	53.93
TOTAL						53.93
Bill Pmt -Check	07/26/2016	19569	STANDARD INSURANCE CO.	Policy # 00-649299-0009	1012 · Bank of America Gen'l Ckg	
Bill	07/25/2016	006492990009		Policy # 00-649299-0009	60191 · Life & Disab.Ins Benefits	623.81
TOTAL						623.81
Bill Pmt -Check	07/26/2016	19570	STAPLES BUSINESS ADVANTAGE	8040058589	1012 · Bank of America Gen'l Ckg	
Bill	07/16/2016	8040146821		Miscellaneous office supplies	6031.7 · Other Office Supplies	48.68
TOTAL						48.68
Bill Pmt -Check	07/26/2016	19571	STATE COMPENSATION INSURANCE FUND	1970970-16	1012 · Bank of America Gen'l Ckg	
Bill	08/01/2016	1970970-16		Premium for 7/26/16 - 8/26/16	60183 · Worker's Comp Insurance	910.00
TOTAL						910.00
Bill Pmt -Check	07/26/2016	19572	STAULA, MARY L	Retiree Medical	1012 · Bank of America Gen'l Ckg	

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

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	07/31/2016				60182.4 · Retiree Medical	23.62
TOTAL						23.62
Bill Pmt -Check	07/26/2016	19573	TRUONG, ANNA	Employee Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	07/25/2016			Reimburse for TA exam materials and costs	6192 · Seminars - General	201.59
TOTAL						201.59
Bill Pmt -Check	07/26/2016	19574	UNITED HEALTHCARE	0041114254	1012 · Bank of America Gen'l Ckg	
Bill	07/25/2016	0041114254		Dental Insurance Premium - August 2016	60182.2 · Dental & Vision Ins	755.42
TOTAL						755.42
Bill Pmt -Check	07/26/2016	19575	VERIZON WIRELESS	9768627558	1012 · Bank of America Gen'l Ckg	
Bill	07/25/2016	9768627558		9768627558	7103.7 · Grdwtr Qual-Computer Svc	100.04
TOTAL						100.04
Bill Pmt -Check	07/26/2016	19576	VISION SERVICE PLAN	00-101789-0001	1012 · Bank of America Gen'l Ckg	
Bill	07/25/2016	001017890001		Vision Insurance Premium - August 2016	60182.2 · Dental & Vision Ins	85.60
TOTAL						85.60
<b>P27</b> Bill Pmt -Check	07/26/2016	19577	STATE COMPENSATION INSURANCE FUND	1970970-15	1012 · Bank of America Gen'l Ckg	
Bill	06/30/2016	1970970-15		1970970-15	60183 · Worker's Comp Insurance	788.36
TOTAL						788.36
General Journal	07/31/2016	07/31/2016	Wage Works FSA Direct Debits - July 2016	Wage Works FSA Direct Debits - July 2016	1012 · Bank of America Gen'l Ckg	
				Wage Works FSA Direct Debits - July 2016	1012 · Bank of America Gen'l Ckg	81.50
				Wage Works FSA Direct Debits - July 2016	1012 · Bank of America Gen'l Ckg	638.75
				Wage Works FSA Direct Debits - July 2016	1012 · Bank of America Gen'l Ckg	638.75
TOTAL						1,359.00
Bill Pmt -Check	07/27/2016	19578	APPLIED COMPUTER TECHNOLOGIES	2689	1012 · Bank of America Gen'l Ckg	
Bill	06/30/2016	2689		Database Consulting Services - June 2016	6052.2 · Applied Computer Technol	3,319.00
TOTAL						3,319.00
Bill Pmt -Check	07/28/2016	19579	ONTARIO, CITY OF	Fees	1012 · Bank of America Gen'l Ckg	
Bill	06/30/2016	180004		Encroachment permit fees, traffic control fees	7103.3 · Grdwtr Qual-Engineering	298.00
TOTAL						298.00
General Journal	07/30/2016	07/30/2016	Payroll and Taxes for 07/17/16-07/30/16	Payroll and Taxes for 07/17/16-07/30/16	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 07/17/16-07/30/16	1012 · Bank of America Gen'l Ckg	21,290.11
				Payroll Taxes for 07/17/16-07/30/16	1012 · Bank of America Gen'l Ckg	9,119.50

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
July 2016

Type	Date	Num	Name	Memo	Account	Paid Amount
				Payroll Checks for 07/17/16-07/30/16	1012 · Bank of America Gen'l Ckg	4,436.74
			ICMA-RC	457(b) Employee Deductions for 07/17/16-07/30/16	1012 · Bank of America Gen'l Ckg	3,639.27
			ICMA-RC	401(a) Employee Deductions for 07/17/16-07/30/16	1012 · Bank of America Gen'l Ckg	1,048.26
TOTAL						<u>39,533.88</u>
					<b>Total Disbursements:</b>	<u><u>1,852,406.94</u></u>

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# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: September 8, 2016  
TO: Pool Committee Members  
SUBJECT: VISA Check Detail Report - Financial Report B2 (July 31, 2016)

### SUMMARY

Issue: Record of VISA credit card payment disbursed for the month of July 31, 2016.

Recommendation: Receive and file VISA Check Detail Report for July 31, 2016 as presented.

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

### Future Consideration

Appropriative Pool: September 8, 2016; Receive and File  
Non-Agricultural Pool: September 8, 2016; Receive and File  
Agricultural Pool: September 8, 2016; Receive and File  
Advisory Committee: September 15, 2016; Receive and File  
Watermaster Board: September 22, 2016; Receive and File (Normal Course of Business)

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### ACTIONS:

September 8, 2016 – Appropriative Pool –  
September 8, 2016 – Non-Agricultural Pool –  
September 8, 2016 – Agricultural Pool –  
September 15, 2016 – Advisory Committee –  
September 22, 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 July 2016 was \$2,475.66. The payment was processed by check number 19552 dated July 25, 2016. The monthly charges for July 2016 of \$2,475.66 were for routine and customary expenditures and properly documented with receipts.

## ATTACHMENTS

1. Financial Report - B2

CHINO BASIN WATERMASTER  
 VISA Check Detail Report  
 July 2016

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TOTAL

Type	Num	Date	Name	Memo	Account	Paid Amount
Bill Pmt -Check	07/25/2016	19552	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	06/30/2016	XXXX-XXXX-XXXX-9341		Purchase miscellaneous office supplies	6031.7 · Other Office Supplies	17.89
				Purchase miscellaneous office supplies	6031.7 · Other Office Supplies	253.90
				Send documents to D. Maurizio	6042 · Postage - General	36.31
				Purchase miscellaneous office supplies	6031.7 · Other Office Supplies	34.74
				Purchase miscellaneous office supplies	6031.7 · Other Office Supplies	14.97
				Send documents to D. Maurizio	6042 · Postage - General	53.98
				Purchase uniforms for office staff	6154 · Uniforms	85.89
				Place ad for open position w/Brown & Caldwell	6016 · New Employee Search Costs	198.79
				Place ad for open position w/Transittalent.com	6016 · New Employee Search Costs	173.94
				Send documents to D. Maurizio	6042 · Postage - General	28.49
				Purchase IT supplies	6057 · Computer Maintenance	23.84
				Purchase miscellaneous office supplies	6031.7 · Other Office Supplies	252.57
				PK meeting w/Tom Thomas	6312 · Meeting Expenses	36.08
				PK meeting w/Don Pierro	6909.1 · OBMP Meetings	45.52
				PK expense - CA Water Law & Policy Conf.	6191 · Conferences - General	20.87
				Reg.-Truong/Wilson-Communication Skills 4 Women	6192 · Seminars - General	157.04
				PK expense - CA Water Law & Policy Conf.	6191 · Conferences - General	66.10
				PK expense - CA Water Law & Policy Conf.	6191 · Conferences - General	11.99
				PK expense - CA Water Law & Policy Conf.	6191 · Conferences - General	37.21
				PK-parking at airport-CA Water Law & Policy Conf.	6191 · Conferences - General	53.67
				PK-hotel-CA Water Law & Policy Conf.	6191 · Conferences - General	645.83
				PK meeting w/Bob Bowcock	6312 · Meeting Expenses	25.74
				Lunch for WEI meeting	6909.1 · OBMP Meetings	118.63
				PK meeting w/Steve Elie	6312 · Meeting Expenses	52.90
				PK meeting w/Bob Kuhn	6312 · Meeting Expenses	28.77
					<b>Total Disbursements:</b>	<b>2,475.66</b>

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# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: September 8, 2016  
TO: Pool Committee Members  
SUBJECT: Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2016 through July 31, 2016 - Financial Report B3 (July 31, 2016)

### SUMMARY

Issue: Record of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2016 through July 31, 2016.

Recommendation: Receive and file Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2016 through July 31, 2016 as presented.

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

### Future Consideration

Appropriative Pool: September 8, 2016; Receive and File  
Non-Agricultural Pool: September 8, 2016; Receive and File  
Agricultural Pool: September 8, 2016; Receive and File  
Advisory Committee: September 15, 2016; Receive and File  
Watermaster Board: September 22, 2016; Receive and File (Normal Course of Business)

---

### ACTIONS:

September 8, 2016 – Appropriative Pool –  
September 8, 2016 – Non-Agricultural Pool –  
September 8, 2016 – Agricultural Pool –  
September 15, 2016 – Advisory Committee –  
September 22, 2016 – Watermaster Board –

## BACKGROUND

A Combining Schedule of Revenue, Expenses and Changes in Net Assets for the period July 1, 2016 through July 31, 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 15.0, 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 JULY 31, 2016

	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			-							-	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>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>159,631</b>	<b>10,493,469</b>
<b>Administrative &amp; Project Expenditures:</b>											
Watermaster Administration	167,754									167,754	1,286,992
Watermaster Board-Advisory Committee	10,408									10,408	202,053
Ag Pool Misc. Expense - Ag Fund										-	400
Pool Administration			3,111	12,711	8,111					23,933	569,293
Optimum Basin Mgmt Administration		136,314								136,314	1,727,519
OBMP Project Costs		354,434								354,434	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>178,163</b>	<b>955,948</b>	<b>3,111</b>	<b>12,711</b>	<b>8,111</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,158,043</b>	<b>13,123,806</b>
<b>Net Administrative/OBMP Expenses</b>	<b>(18,531)</b>	<b>(955,948)</b>									
Allocate Net Admin Expenses To Pools	18,531		13,326	4,519	687					-	
Allocate Net OBMP Expenses To Pools		490,748	352,898	119,666	18,184					-	
Allocate Debt Service to App Pool		465,200	465,200							-	
Allocate Basin Recharge to App Pool		-	-							-	
Agricultural Expense Transfer*			136,896	(136,896)						-	
<b>Total Expenses</b>			<b>971,431</b>	<b>-</b>	<b>26,981</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,158,043</b>	<b>13,123,806</b>
<b>Net Administrative Income</b>			<b>(971,431)</b>	<b>-</b>	<b>(26,981)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(998,412)</b>	<b>(2,630,337)</b>
<b>Other Income/(Expense)</b>											
Replenishment Water Assessments						66,592				66,592	0
Non-Ag Stored Water Purchases										-	0
Exhibit "G" Non-Ag Pool Water										-	0
Interest Revenue										-	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>66,592</b>				<b>66,592</b>	<b>0</b>
<b>Net Transfers To/(From) Reserves</b>		<b>(931,821)</b>	<b>(971,431)</b>	<b>-</b>	<b>(26,981)</b>	<b>66,592</b>				<b>(931,821)</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>6,368,162</b>	<b>483,176</b>	<b>48,481</b>	<b>2,531,648</b>	<b>158,251</b>	<b>3,308</b>	<b>(740,195)</b>	<b>8,852,831</b>	<b>8,852,831</b>
<b>14/15 Assessable Production</b>			<b>84,107,515</b>	<b>28,520,530</b>	<b>4,333,753</b>					<b>116,961,798</b>	
<b>14/15 Production Percentages</b>			<b>71.910%</b>	<b>24.384%</b>	<b>3.705%</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  
Tel: 909.484.3888 Fax: 909.484.3890 www.cbwm.org

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: September 8, 2016

TO: Pool Committee Members

SUBJECT: Treasurer's Report of Financial Affairs for the Period July 1, 2016 through July 31, 2016 - Financial Report B4 (July 31, 2016)

### SUMMARY

Issue: Record of increases or decreases in the cash position, assets and liabilities of Watermaster for the Period of July 1, 2016 through July 31, 2016.

Recommendation: Receive and file Treasurer's Report of Financial Affairs for the Period July 1, 2016 through July 31, 2016 as presented.

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

### Future Consideration

Appropriative Pool: September 8, 2016; Receive and File

Non-Agricultural Pool: September 8, 2016; Receive and File

Agricultural Pool: September 8, 2016; Receive and File

Advisory Committee: September 15, 2016; Receive and File

Watermaster Board: September 22, 2016; Receive and File (Normal Course of Business)

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### ACTIONS:

September 8, 2016 – Appropriative Pool –

September 8, 2016 – Non-Agricultural Pool –

September 8, 2016 – Agricultural Pool –

September 15, 2016 – Advisory Committee –

September 22, 2016 – Watermaster Board –

## BACKGROUND

A Treasurer's Report of Financial Affairs for the Period July 1, 2016 through July 31, 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 15.0, 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  
JULY 1, 2016 THROUGH JULY 31, 2016**

Financial Report - B4

<b>DEPOSITORIES:</b>			
Cash on Hand - Petty Cash			\$ 500
Bank of America			
Governmental Checking-Demand Deposits	\$	528,710	
Zero Balance Account - Payroll	\$	-	528,710
Local Agency Investment Fund - Sacramento			9,888,208
<b>TOTAL CASH IN BANKS AND ON HAND</b>		<b>7/31/2016</b>	<b>\$ 10,417,418</b>
<b>TOTAL CASH IN BANKS AND ON HAND</b>		<b>6/30/2016</b>	<b>5,850,508</b>
			<b>\$ 4,566,910</b>

**CHANGE IN CASH POSITION DUE TO:**

Decrease/(Increase) in Assets:	Accounts Receivable	\$ (151,572)
	Assessments Receivable	6,061,783
	Prepaid Expenses, Deposits & Other Current Assets	9,358
(Decrease)/Increase in Liabilities:	Accounts Payable	(295,947)
	Accrued Payroll, Payroll Taxes & Other Current Liabilities	(125,642)
	Long Term Liabilities	752
	Transfer to/(from) Reserves	(931,821)
		<b>\$ 4,566,910</b>

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<u>SUMMARY OF FINANCIAL TRANSACTIONS:</u>	Petty Cash	Govt'l Checking Demand	Zero Balance Account Payroll	Local Agency Investment Funds	Totals
Balances as of 6/30/2016	\$ 500	\$ 521,412	\$ -	\$ 5,328,596	\$ 5,850,508
Deposits	-	6,409,705	-	4,559,612	10,969,317
Transfers	-	(4,632,540)	(59,872)	-	(4,692,412)
Withdrawals/Checks	-	(1,769,867)	59,872	-	(1,709,995)
	\$ 500	\$ 528,710	\$ -	\$ 9,888,208	\$ 10,417,418
<b>PERIOD INCREASE OR (DECREASE)</b>	<b>\$ -</b>	<b>\$ 7,298</b>	<b>\$ -</b>	<b>\$ 4,559,612</b>	<b>\$ 4,566,910</b>

**CHINO BASIN WATERMASTER  
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD  
JULY 1, 2016 THROUGH JULY 31, 2016**

**INVESTMENT TRANSACTIONS**

Effective Date	Transaction	Depository	Activity	Redeemed	Days to Maturity	Interest Rate(*)	Maturity Yield
7/15/2016	Interest		\$ 9,612				
7/19/2016	Deposit		\$ 3,800,000				
7/28/2016	Deposit		\$ 750,000				
<b>TOTAL INVESTMENT TRANSACTIONS</b>			<b>\$ 4,559,612</b>	<b>-</b>			

\* 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  
July 31, 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	\$ 9,888,208			
<b>TOTAL INVESTMENTS</b>	<b>\$ 9,888,208</b>			

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



# 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: September 8, 2016  
TO: Pool Committee Members  
SUBJECT: Budget vs. Actual Report for the Period July 1, 2016 through July 31, 2016 -  
Financial Report B5 (July 31, 2016)

### SUMMARY

Issue: Record of revenues and expenses of Watermaster for the Period of July 1, 2016 through July 31, 2016.

Recommendation: Receive and file Budget vs. Actual Report for the Period July 1, 2016 through July 31, 2016 as presented.

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

### Future Consideration

Appropriative Pool: September 8, 2016; Receive and File  
Non-Agricultural Pool: September 8, 2016; Receive and File  
Agricultural Pool: September 8, 2016; Receive and File  
Advisory Committee: September 15, 2016; Receive and File  
Watermaster Board: September 22, 2016; Receive and File (Normal Course of Business)

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### ACTIONS:

September 8, 2016 – Appropriative Pool –  
September 8, 2016 – Non-Agricultural Pool –  
September 8, 2016 – Agricultural Pool –  
September 15, 2016 – Advisory Committee –  
September 22, 2016 – Watermaster Board –

## BACKGROUND

A Budget vs. Actual Report for the period July 1, 2016 through July 31, 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 15.0, 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 – JULY 2016

Year-To-Date (YTD) for the one month ending July 31, 2016, all but one category was at or below the projected budget. The category over budget was the Watermaster Legal Services expenses (6070's) which was over budget by \$24,117 or 128.2% as a result of ongoing Personnel Matters regarding the CalPERS Administrative Hearing for Mr. Alvarez. 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, this category might level out over time and be within the budget levels. Overall, the Watermaster (YTD) Actual Expenses were \$2,849,475 or 71.1% below the (YTD) Budgeted Expenses of \$4,007,518.

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.

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 ( $\$10,493,469 + \$2,630,337.45 = \$13,123,806.45$ ).

### PREVIOUSLY REPORTED ACTIONS (Descending Order)

None

## SALARIES EXPENSE

### CURRENT MONTH – JULY 2016

As of July 31, 2016, the total (YTD) Watermaster salary expenses were \$13,260 or 9.8% below the (YTD) budgeted amount of \$135,933. 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).

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.

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 July 31, 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 - Jul '16 Actual	Jul '16 - Jul '16 Budget	\$ Over Budget	% of Budget	FY 2016/17 Annual Budget
<b>WM Salary Expense</b>					
6011 · WM Staff Salaries	67,530.92	74,173.00	-6,642.08	91.05%	918,331.00
6011.4 · 457(f) NQDC Plan	751.66	1,734.00	-982.34	43.35%	20,800.00
6015 · Miscellaneous Payments	13,375.28	0.00	13,375.28	100.0%	0.00
6017 · Temporary Services	0.00	1,750.00	-1,750.00	0.0%	21,000.00
6201 · Advisory Committee - WM Staff Salaries	1,730.52	1,870.00	-139.48	92.54%	23,119.00
6301 · Watermaster Board - WM Staff Salaries	2,232.17	2,872.00	-639.83	77.72%	35,551.00
8301 · Appropriative Pool - WM Staff Salaries	1,935.58	2,581.00	-645.42	74.99%	31,965.00
8401 · Agricultural Pool - WM Staff Salaries	965.93	2,272.00	-1,306.07	42.52%	28,126.00
8501 · Non-Agricultural Pool - WM Staff Salaries	1,222.62	1,471.00	-248.38	83.12%	18,202.00
6901 · OBMP - WM Staff Salaries	2,930.77	3,970.00	-1,039.23	73.82%	50,114.00
7101.1 · Production Monitor - WM Staff Salaries	6,160.62	6,589.00	-428.38	93.5%	80,622.00
7102.1 · In-line Meter - WM Staff Salaries	691.45	759.00	-67.55	91.1%	9,389.00
7103.1 · Grdwater Quality - WM Staff Salaries	4,681.84	7,161.00	-2,479.16	65.38%	87,527.00
7104.1 · Grdwater Level - WM Staff Salaries	6,615.76	2,988.00	3,627.76	221.41%	36,999.00
7108.1 · Hydraulic Control - WM Staff Salaries	0.00	255.00	-255.00	0.0%	3,155.00
7108.11 · Prado Basin - WM Staff Salaries	0.00	479.00	-479.00	0.0%	5,936.00
7201 · Comp Recharge - WM Staff Salaries	2,874.98	4,635.00	-1,760.02	62.03%	58,533.00
7301 · PE3&5 - WM Staff Salaries	0.00	1,252.00	-1,252.00	0.0%	15,492.00
7401 · PE4 - WM Staff Salaries	0.00	761.00	-761.00	0.0%	9,425.00
7501.1 · PE 6&7 - WM Staff Salaries (Plume)	0.00	402.00	-402.00	0.0%	4,974.00
7501 · PE6&7 - WM Staff Salaries	0.00	363.00	-363.00	0.0%	4,498.00
7601 · PE8&9 - WM Staff Salaries	0.00	3,723.00	-3,723.00	0.0%	46,090.00
<b>Subtotal WM Staff Costs</b>	<b>113,700.10</b>	<b>122,060.00</b>	<b>-8,359.90</b>	<b>93.15%</b>	<b>1,509,848.00</b>
60185 · Vacation	3,905.19	5,760.00	-1,854.81	67.8%	69,111.00
60186 · Sick Leave	519.70	4,056.00	-3,536.30	12.81%	48,682.00
60187 · Holidays	4,547.89	4,057.00	490.89	112.1%	48,682.00
<b>Subtotal WM Paid Leaves</b>	<b>8,972.78</b>	<b>13,873.00</b>	<b>-4,900.22</b>	<b>64.68%</b>	<b>166,475.00</b>
<b>Total WM Salary Costs</b>	<b>122,672.88</b>	<b>135,933.00</b>	<b>-13,260.12</b>	<b>90.25%</b>	<b>1,676,323.00</b>

PREVIOUSLY REPORTED ACTIONS (Descending Order)

June 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 near the end of August 2016. It is anticipated that the recruitment process could take an additional 30-60 days to complete the selection process, background verification, and hire the Water Resources professional.

LEGAL SERVICES  
BROWNSTEIN HYATT FARBER SCHRECK EXPENSES

CURRENT MONTH – JULY 2016

As of July 31, 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 \$7,337 or 9.6% above the (YTD) budgeted amount of \$76,130.

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 July 31, 2016, was \$24,117 or 128.2% above the budgeted amount of \$18,805. 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 \$3,413 or 100.0%; Annotated Judgment (6072) under budget by \$2,510 or 100.0%; Interagency Issues (6074) under budget by \$2,550 or 100.0%; and the Party Status Maintenance (6077) under budget by \$2,388 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 \$30,691 or 613.8% 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 \$4,287 or 145.6%.

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 September 8, 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.

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, 8375, 8475 and 8575). Overall, this category of legal expenses as of July 31, 2016 was \$9,181 or 52.8% below the budgeted amount of \$17,383. 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 July 31, 2016 the category of OBMP legal expenses were \$7,599 or 19.0% below the budgeted amount of \$39,942. The majority of expenses within this OBMP category were under budget (YTD), however, the Santa Ana River Habitat legal expenses (6907.36) were over budget by 248 or 100.0%; the Prado Basin Habitat Sustainability legal expenses (6907.41) were over budget by \$4,519 or 378.5%; the Safe Yield Redetermination and Reset legal expenses (6907.42) were over budget by \$7,293 or 127.7%; and the SGMA Compliance legal expenses were over budget by \$1,975 or 27.9%.

The table listed below summarizes the Brownstein Hyatt Farber Schreck (BHFS) expenses as of July 31, 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 - Jul '16 Actual	Jul '16 - Jul '16 Budget	\$ Over Budget	% of Budget	FY 2016/17 Annual Budget
<b>6070 · Watermaster Legal Services</b>					
6071 · BHFS Legal - Court Coordination	0.00	3,413.00	-3,413.00	0.0%	40,950.00
6072 · BHFS Legal - Annotated Judgment	0.00	2,510.00	-2,510.00	0.0%	30,113.00
6073 · BHFS Legal - Personnel Matters	35,691.09	5,000.00	30,691.09	713.82%	35,000.00
6074 · BHFS Legal - Interagency Issues	0.00	2,550.00	-2,550.00	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	2,388.00	-2,388.00	0.0%	28,700.00
6078 · BHFS Legal - Miscellaneous (Note 1)	7,230.78	2,944.00	4,286.78	245.61%	35,350.00
<b>Total 6070 · Watermaster Legal Services</b>	<b>42,921.87</b>	<b>18,805.00</b>	<b>24,116.87</b>	<b>228.25%</b>	<b>200,713.00</b>
6275 · BHFS Legal - Advisory Committee	762.06	1,700.00	-937.94	44.83%	18,700.00
6375 · BHFS Legal - Board Meeting	3,962.25	8,033.00	-4,070.75	49.33%	88,383.00
8375 · BHFS Legal - Appropriative Pool	1,159.27	2,550.00	-1,390.73	45.46%	28,050.00
8475 · BHFS Legal - Agricultural Pool	1,159.27	2,550.00	-1,390.73	45.46%	28,050.00
8575 · BHFS Legal - Non-Ag Pool	1,159.27	2,550.00	-1,390.73	45.46%	28,050.00
<b>Total BHFS Legal Services</b>	<b>8,202.12</b>	<b>17,383.00</b>	<b>-9,180.88</b>	<b>47.19%</b>	<b>191,233.00</b>
<b>6907.3 · WM Legal Counsel</b>					
6907.31 · Archibald South Plume	0.00	2,038.00	-2,038.00	0.0%	24,500.00
6907.32 · Chino Airport Plume	0.00	2,038.00	-2,038.00	0.0%	24,500.00
6907.33 · Desalter/Hydraulic Control	0.00	2,388.00	-2,388.00	0.0%	28,700.00
6907.34 · Santa Ana River Water Rights	229.50	2,112.00	-1,882.50	10.87%	25,300.00
6907.36 · Santa Ana River Habitat	247.50	0.00	247.50	100.0%	0.00
6907.38 · Reg. Water Quality Cntrl Board	0.00	1,194.00	-1,194.00	0.0%	14,350.00
6907.39 · Recharge Master Plan	4,083.75	4,700.00	-616.25	86.89%	56,400.00
6907.40 · Storage Agreements	0.00	9,015.00	-9,015.00	0.0%	108,180.00
6907.41 · Prado Basin Habitat Sustainability	5,712.96	1,194.00	4,518.96	478.47%	14,350.00
6907.42 · Safe Yield Recalculation	13,006.35	5,713.00	7,293.35	227.66%	68,600.00
6907.44 · SGMA Compliance	9,063.00	7,088.00	1,975.00	127.86%	85,100.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	2,462.00	-2,462.00	0.0%	29,500.00
<b>Total 6907 · WM Legal Counsel</b>	<b>32,343.06</b>	<b>39,942.00</b>	<b>-7,598.94</b>	<b>80.98%</b>	<b>479,480.00</b>
<b>Total Brownstein, Hyatt, Farber, Schreck Costs</b>	<b>83,467.05</b>	<b>76,130.00</b>	<b>7,337.05</b>	<b>109.64%</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; and (13) Miscellaneous legal research on current and pending issues.

## OBMP ENGINEERING SERVICES AND LEGAL COSTS

### CURRENT MONTH – JULY 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 one month period ending July 31, 2016, the actual expenses of \$134,401 were below the budgeted amount of \$149,996 by \$15,595 or 10.4%. For a detailed discussion, the following is provided.

For July 31, 2016, the accounts 6901-6903 (Optimum Basin Mgmt Program) section was above the Year-To-Date (YTD) budget by \$3,876 or 22.2%. 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 less time on specific OBMP related areas and more time on administrative related tasks. As a result, Watermaster staff allocated less actual time to the OBMP project as budgeted, which resulted in an under budget variance of \$1,039 or 26.2%.

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 July 31, 2016.

For July 31, 2016, the accounts 6906 (Optimum Basin Mgmt Program Engineering Services) section was below the Year-To-Date (YTD) budget by \$12,882 or 14.1%. 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 July 2016, there were no expenses charged to the OBMP-Safe Yield Redetermination and Reset account. Numerous accounts within the 6906 category were well below budget for the month ending July 31, 2016. The one account which was over budget was the OBMP-Data Requests-CBWM Staff expenses (6906.71) over budget by \$25,938 or 341.3%. However, with the savings in the numerous under budget accounts, the over budget account (6906.71) was subsidized, and the 6906 category remained under budget as a whole.

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 \$14,035 while some other line item activities were below the budget by \$21,634. Above the budget line items were the Santa Ana River Habitat expenses of \$248; the Prado Basin Habitat Sustainability expenses of \$4,519; the Safe Yield Redetermination and Reset expenses of \$7,293; and the SGMA Compliance expenses of \$1,975. The individual legal projects/activities that were below budget for the Year-To-Date (YTD) period were the Archibald South Plume of \$2,038; the Chino Airport Plume of \$2,038; the Desalter/Hydraulic Control of \$2,388; the Santa Ana River Water Rights of \$1,883; the Regional Water Quality Control Board of \$1,194; the Recharge Master Plan of \$616; Storage Agreements of \$9,015; and the WM Unanticipated legal expenses of \$2,462. For the one month ended July 31, 2016, the overall cumulative (YTD) budget was \$39,942 and the actual (BHFS) legal expenses totaled \$32,343 which resulted in an under budget variance of \$7,599 or 19.0%.

The OBMP Other Expenses (6909's) were above the budget for the month. These expenses are typically conference calls, meeting expenses, supplies, annual inspection fees, and other miscellaneous type expenses. As of July 31, 2016 this category of expenses was \$1,010 or 89.8% above the budgeted amount of \$1,125.

The WEI Support for IEUA expenses (6910's); the Preparation of a Compliance Demonstration for Stormwater Recharge expenses (6910's); As Needed Support for Obtaining Grant Funding of RMPU Projects expenses (6910's); and Ground Water Velocity Field for the San Sevaine Improvement Project expenses (6910's) are billed directly to IEUA on the following month once the payment has been issued to Wildermuth Environmental, Inc. per the agreement. As of July 31, 2016 this category of expenses was fully invoiced to IEUA in the amount of \$3,624.

Overall, the Optimum Basin Management Program (OBMP) category was \$134,401 compared to a (YTD) budget of \$149,996 for an under budget of \$15,595 or 10.4% as of July 31, 2016.

The table listed below summarizes the Optimum Basin Management Program (OBMP) expenses as of July 31, 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 - Jul '16 Actual	Jul '16 - Jul '16 Budget	\$ Over Budget	% of Budget	FY 2016/17 Annual Budget
6900 · Optimum Basin Mgmt Plan					
6901 · WM Staff Salaries	2,930.77	3,970.00	-1,039.23	73.82%	50,114.00
6903 · OBMP SAWPA Group	18,415.00	13,500.00	4,915.00	136.41%	13,500.00
Total 6901-6903 · OBMP WM Staff/SAWPA	21,345.77	17,470.00	3,875.77	122.19%	63,614.00
6906 · OBMP Engineering Services					
6906.1 · OBMP - Watermaster Model Update	2,359.00	14,705.00	-12,346.00	16.04%	176,460.00
6906.21 · State of the Basin Report	0.00	8,337.00	-8,337.00	0.0%	100,000.00
6906.22 · Water Rights Compliance Reporting	6,035.75	2,109.00	3,926.75	286.19%	25,308.00
6906.23 · SGMA Reporting Requirements	85.55	2,333.00	-2,247.45	3.67%	28,040.00
6906.24 · Compliance - SB88 and SWRCB	15,334.75	6,250.00	9,084.75	245.36%	75,000.00
6906.25 · Initial Assessment - Section 4.5-SYRA	0.00	17,808.00	-17,808.00	0.0%	213,740.00
6906.31 · OBMP - Pool, Advisory, Board Mtgs.	7,878.58	8,009.00	-130.42	98.37%	96,114.00
6906.32 · OBMP - Other General Meetings	3,905.88	3,001.00	904.88	130.15%	36,045.00
6906.71 · OBMP - Data Requests - CBWM Staff	33,537.74	7,600.00	25,937.74	441.29%	91,156.00
6906.72 · OBMP - Data Requests - Non CBWM	1,934.50	2,616.00	-681.50	73.95%	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	5,837.00	-5,837.00	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	5,656.72	4,974.00	682.72	113.73%	59,688.00
6906.82 · Support for Assessment Package	0.00	5,500.00	-5,500.00	0.0%	66,000.00
6906 · OBMP Engineering Services - Other	1,848.50	2,380.00	-531.50	77.67%	28,560.00
Total 6906 · OBMP Engineering Services	78,576.97	91,459.00	-12,882.03	85.92%	1,097,459.00
6907 · OBMP Legal Fees					
6907.3 · WM Legal Counsel					
6907.31 · Archibald South Plume	0.00	2,038.00	-2,038.00	0.0%	24,500.00
6907.32 · Chino Airport Plume	0.00	2,038.00	-2,038.00	0.0%	24,500.00
6907.33 · Desalter/Hydraulic Control	0.00	2,388.00	-2,388.00	0.0%	28,700.00
6907.34 · Santa Ana River Water Rights	229.50	2,112.00	-1,882.50	10.87%	25,300.00
6907.36 · Santa Ana River Habitat	247.50	0.00	247.50	100.0%	0.00
6907.38 · Reg. Water Quality Cntrl Board	0.00	1,194.00	-1,194.00	0.0%	14,350.00
6907.39 · Recharge Master Plan	4,083.75	4,700.00	-616.25	86.89%	56,400.00
6907.40 · Storage Agreements	0.00	9,015.00	-9,015.00	0.0%	108,180.00
6907.41 · Prado Basin Habitat Sustainability	5,712.96	1,194.00	4,518.96	478.47%	14,350.00
6907.42 · Safe Yield Recalculation	13,006.35	5,713.00	7,293.35	227.66%	68,600.00
6907.44 · SGMA Compliance	9,063.00	7,088.00	1,975.00	127.86%	85,100.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	2,462.00	-2,462.00	0.0%	29,500.00
Total 6907 · WM Legal Counsel	32,343.06	39,942.00	-7,598.94	80.98%	479,480.00
Total 6907 · OBMP Legal Fees	32,343.06	39,942.00	-7,598.94	80.98%	479,480.00
6909 · OBMP Other Expenses					
6909.1 · OBMP Meetings	65.10	125.00	-59.90	52.08%	1,500.00
6909.3 · Other OBMP Expenses	0.00	163.00	-163.00	0.0%	2,000.00
6909.6 · OBMP Expenses - Miscellaneous	2,070.00	837.00	1,233.00	247.31%	10,000.00
Total 6909 · OBMP Other Expenses	2,135.10	1,125.00	1,010.10	189.79%	13,500.00
6910 · WEI Support for IEUA					
6910.10 · IRP Groundwater Modeling - WEI	0.00	0.00	0.00	0.0%	0.00
6910.11 · WEI Support-Grant Funding-RMPU	2,980.00	0.00	2,980.00	100.0%	0.00
6910.12 · WEI Support-Stormwater Recharge	0.00	0.00	0.00	0.0%	0.00
6910.13 · IEUA-San Sevaine Improvement Project	643.50	0.00	643.50	100.0%	0.00
6910.15 · IRP Groundwater Modeling - IEUA	-3,623.50	0.00	-3,623.50	100.0%	0.00
Total 6910 · WEI Support for IEUA	0.00	0.00	0.00	0.0%	0.00
Total 6900 · Optimum Basin Mgmt Plan	134,400.90	149,996.00	-15,595.10	89.6%	1,654,053.00

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

CURRENT MONTH – JULY 2016

As of July 31, 2016, the total (YTD) Engineering Services expenses were \$393,372 or 71.8% below the (YTD) budget amount of \$547,901. The OBMP Implementation Projects (consolidated accounts 7100's – 7700's) were all under budget as of July 31, 2016.

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%).

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.

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 October 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 July 31, 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 - Jul '16 Actual	Jul '16 - Jul '16 Budget	\$ Over Budget	% of Budget	FY 2016/17 Annual Budget
6906 · OBMP Engineering Services - Other	1,848.50	2,380.00	-531.50	77.67%	28,560.00
6906.1 · OBMP - Watermaster Model Update	2,359.00	14,705.00	-12,346.00	16.04%	176,460.00
6906.21 · State of the Basin Report	0.00	8,337.00	-8,337.00	0.0%	100,000.00
6906.22 · Water Rights Compliance Reporting	6,036.75	2,109.00	3,926.75	286.19%	25,308.00
6906.23 · SGMA Reporting Requirements	85.55	2,333.00	-2,247.45	3.67%	28,040.00
6906.24 · Compliance - SB88 and SWRCB	15,334.75	6,250.00	9,084.75	245.36%	75,000.00
6906.25 · Initial Assesment - Section 4.5-SYRA	0.00	17,808.00	-17,808.00	0.0%	213,740.00
6906.31 · OBMP - Pool, Advisory, Board Mtgs.	7,878.58	8,009.00	-130.42	98.37%	96,114.00
6906.32 · OBMP - Other General Meetings	3,905.88	3,001.00	904.88	130.15%	36,045.00
6906.33 · OBMP - App. Pool Issue Resolution	0.00	0.00	0.00	0.0%	0.00
6906.71 · OBMP - Data Requests - CBWM Staff	33,537.74	7,600.00	25,937.74	441.29%	91,156.00
6906.72 · OBMP - Data Requests - Non CBWM	1,934.50	2,616.00	-681.50	73.95%	31,348.00
6906.73 · OBMP - Safe Yield Recalculation	0.00	0.00	0.00	0.0%	0.00
6906.74 · OBMP - Mat'l Physical Injury Requests	0.00	5,837.00	-5,837.00	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	5,656.72	4,974.00	682.72	113.73%	59,688.00
6906.82 · Support for Assessment Package	0.00	5,500.00	-5,500.00	0.0%	66,000.00
7103.3 · Grdwtr Qual-Engineering	16,737.50	10,799.00	5,938.50	154.99%	129,555.00
7103.5 · Grdwtr Qual-Lab Svcs	0.00	3,268.00	-3,268.00	0.0%	39,205.00
7104.3 · Grdwtr Level-Engineering	8,788.37	16,056.00	-7,267.63	54.74%	192,667.00
7104.8 · Grdwtr Level-Contracted Services	0.00	837.00	-837.00	0.0%	10,000.00
7104.9 · Grdwtr Level-Capital Equipment	0.00	587.00	-587.00	0.0%	7,000.00
7107.2 · Grd Level-Engineering	4,590.54	4,382.00	208.54	104.76%	52,540.00
7107.3 · Grd Level-SAR Imagery	0.00	0.00	0.00	0.0%	85,000.00
7107.6 · Grd Level-Contract Svcs	0.00	8,347.00	-8,347.00	0.0%	100,197.00
7107.8 · Grd Level-Capital Equipment	0.00	288.00	-288.00	0.0%	3,500.00
7108.3 · Hydraulic Control-Engineering	2,051.77	4,800.00	-2,748.23	42.75%	57,607.00
7108.31 · Hydraulic Control-PBHSP	0.00	35,144.00	-35,144.00	0.0%	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	2,091.00	-59.00	97.18%	25,081.00
7108.41 · Hydraulic Control-PBHSP	0.00	4,105.00	-4,105.00	0.0%	49,216.00
7108.6 · Hydraulic Control-Outside Professionals	0.00	5,413.00	-5,413.00	0.0%	65,000.00
7108.7 · Hydraulic Control-Prado Basin Habitat	0.00	0.00	0.00	0.0%	0.00
7109.3 · Recharge & Well - Engineering	0.00	1,945.00	-1,945.00	0.0%	23,318.00
7202.2 · Comp Recharge-Engineering Services	17,888.99	13,418.00	4,470.99	133.32%	161,016.00
7303 · PE3&5-Engineering - Other	0.00	790.00	-790.00	0.0%	9,480.00
7402 · PE4-Engineering	10,904.50	13,764.00	-2,859.50	79.23%	88,212.00
7402.10 · PE4-MZ1 Pomona Project	11,553.13	266,217.00	-254,663.87	4.34%	362,104.00
7403 · PE4-Contract Svcs	0.00	5,000.00	-5,000.00	0.0%	60,000.00
7502 · PE6&7-Engineering	1,405.20	3,620.00	-2,214.80	38.82%	43,440.00
7602 · PE8&9-Engineering	0.00	5,571.00	-5,571.00	0.0%	66,896.00
<b>Total Engineering Services Costs</b>	<b>154,528.97</b>	<b>547,901.00</b>	<b>-393,372.03</b>	<b>28.2%</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)

## 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 July 31, 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 - Jul. 2016	\$ -	\$ -	\$ -	\$ -	-	\$ -
<b>Totals</b>	<b>\$ 356,377.56</b>	<b>\$ (178,188.78)</b>	<b>\$ 6,750.01</b>	<b>\$ 184,938.79</b>	<b>172.00</b>	<b>\$ 18,697.23</b>
	7108.7	7108.71, 7108.72	7108.75			7108.11

OTHER INCOME AND EXPENSE

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 July 31, 2016 in the amount of \$159,631.04 under invoice number DYY 16-01.

There were no other significant items to report within the category of Other Income and Expenses for the month ending July 31, 2016.

"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 – JULY 2016

As of July 31, 2016, the total (YTD) amount remaining of the "Carried Over" funding is \$2,625,337.45 ( $\$2,630,337.45 - \$5,000.00 = \$2,625,337.45$ ). 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

**Updated Balance as of July 31, 2016** **\$ 2,625,337.45**

<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 Appropriative 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 – JULY 2016

No Assessment activity for the month to report.

#### ATTACHMENTS

1. Financial Report - B5

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	1/12th (8.33%) of the Total Budget				1/12th (8.33%) of the Total Budget				100% of the Total Budget			
	For The Month of July 2016				Year-To-Date as of July 31, 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	159,631.04	158,923.00	708.04	100.45%	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	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	19,890.00	19,890.00	0.00	100.0%
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>	<b>159,631.04</b>	<b>158,923.00</b>	<b>708.04</b>	<b>100.45%</b>	<b>159,631.04</b>	<b>158,923.00</b>	<b>708.04</b>	<b>100.45%</b>	<b>10,493,469.00</b>	<b>10,493,469.00</b>	<b>0.00</b>	<b>100.0%</b>
<b>Gross Profit</b>	<b>159,631.04</b>	<b>158,923.00</b>	<b>708.04</b>	<b>100.45%</b>	<b>159,631.04</b>	<b>158,923.00</b>	<b>708.04</b>	<b>100.45%</b>	<b>10,493,469.00</b>	<b>10,493,469.00</b>	<b>0.00</b>	<b>100.0%</b>
<b>Expense</b>												
6010 · Admin. Salary/Benefit Costs	74,996.58	78,007.00	-3,010.42	96.14%	74,996.58	78,007.00	-3,010.42	96.14%	971,056.00	971,056.00	0.00	100.0%
6020 · Office Building Expense	8,055.69	10,007.00	-1,951.31	80.5%	8,055.69	10,007.00	-1,951.31	80.5%	111,356.00	111,356.00	0.00	100.0%
6030 · Office Supplies & Equip.	866.18	2,420.00	-1,553.82	35.79%	866.18	2,420.00	-1,553.82	35.79%	30,040.00	30,040.00	0.00	100.0%
6040 · Postage & Printing Costs	4,781.84	9,641.00	-4,859.16	49.6%	4,781.84	9,641.00	-4,859.16	49.6%	61,852.00	61,852.00	0.00	100.0%
6050 · Information Services	13,092.95	13,591.00	-498.05	96.34%	13,092.95	13,591.00	-498.05	96.34%	141,092.00	141,092.00	0.00	100.0%
6060 · Contract Services	1,200.00	7,951.50	-6,751.50	15.09%	1,200.00	7,951.50	-6,751.50	15.09%	30,951.50	30,951.50	0.00	100.0%
6070 · Watermaster Legal Services	42,921.87	18,805.00	24,116.87	228.25%	42,921.87	18,805.00	24,116.87	228.25%	200,713.00	200,713.00	0.00	100.0%
6080 · Insurance	26,253.22	31,962.00	-5,708.78	82.14%	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	8,587.61	8,632.00	-44.39	99.49%	8,587.61	8,632.00	-44.39	99.49%	21,054.00	21,054.00	0.00	100.0%
6140 · WM Admin Expenses	0.00	200.00	-200.00	0.0%	0.00	200.00	-200.00	0.0%	2,500.00	2,500.00	0.00	100.0%
6150 · Field Supplies	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	1,450.00	1,450.00	0.00	100.0%
6170 · Travel & Transportation	1,131.23	2,700.00	-1,568.77	41.9%	1,131.23	2,700.00	-1,568.77	41.9%	24,870.00	24,870.00	0.00	100.0%
6190 · Training, Conferences, Seminars	1,501.59	3,050.00	-1,548.41	49.23%	1,501.59	3,050.00	-1,548.41	49.23%	36,600.00	36,600.00	0.00	100.0%
6200 · Advisory Comm - WM Board	2,492.58	3,657.00	-1,164.42	68.16%	2,492.58	3,657.00	-1,164.42	68.16%	42,819.00	42,819.00	0.00	100.0%
6300 · Watermaster Board Expenses	7,915.67	13,847.00	-5,931.33	57.17%	7,915.67	13,847.00	-5,931.33	57.17%	159,234.00	159,234.00	0.00	100.0%
8300 · Appr PI-WM & Pool Admin	3,111.44	9,357.00	-6,245.56	33.25%	3,111.44	9,357.00	-6,245.56	33.25%	110,765.00	110,765.00	0.00	100.0%
8400 · Agri Pool-WM & Pool Admin	2,235.53	5,072.00	-2,836.47	44.08%	2,235.53	5,072.00	-2,836.47	44.08%	59,176.00	59,176.00	0.00	100.0%
8467 · Ag Legal & Technical Services	9,075.00	17,087.00	-8,012.00	53.11%	9,075.00	17,087.00	-8,012.00	53.11%	205,000.00	205,000.00	0.00	100.0%
8470 · Ag Meeting Attend -Special	1,400.00	1,850.00	-450.00	75.68%	1,400.00	1,850.00	-450.00	75.68%	22,200.00	22,200.00	0.00	100.0%
8471 · Ag Pool Expense	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	65,000.00	65,000.00	0.00	100.0%
8485 · Ag Pool - Misc. Exp. - Ag Fund	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	400.00	400.00	0.00	100.0%
8500 · Non-Ag PI-WM & Pool Admin	8,110.89	9,096.00	-985.11	89.17%	8,110.89	9,096.00	-985.11	89.17%	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	-15,634.50	-31,543.00	15,908.50	49.57%	-15,634.50	-31,543.00	15,908.50	49.57%	-378,505.00	-378,505.00	0.00	100.0%
6900 · Optimum Basin Mgmt Plan	134,400.90	149,996.00	-15,595.10	89.6%	134,400.90	149,996.00	-15,595.10	89.6%	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	1,912.77	6,124.00	-4,211.23	31.23%	1,912.77	6,124.00	-4,211.23	31.23%	73,466.00	73,466.00	0.00	100.0%
7101 · Production Monitoring	6,223.12	6,651.00	-427.88	93.57%	6,223.12	6,651.00	-427.88	93.57%	81,372.00	81,372.00	0.00	100.0%
7102 · In-line Meter Installation	691.45	5,581.00	-4,889.55	12.39%	691.45	5,581.00	-4,889.55	12.39%	67,264.00	67,264.00	0.00	100.0%
7103 · Grdwtr Quality Monitoring	21,581.88	21,745.00	-163.12	99.25%	21,581.88	21,745.00	-163.12	99.25%	262,397.00	262,397.00	0.00	100.0%
7104 · Gdwtr Level Monitoring	15,404.13	21,443.00	-6,038.87	71.84%	15,404.13	21,443.00	-6,038.87	71.84%	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	4,590.54	42,302.99	-37,712.45	10.85%	4,590.54	42,302.99	-37,712.45	10.85%	270,522.99	270,522.99	0.00	100.0%

P55

	1/12th (8.33%) of the Total Budget				1/12th (8.33%) of the Total Budget				100% of the Total Budget			
	For The Month of July 2016				Year-To-Date as of July 31, 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	4,083.77	102,287.00	-98,203.23	3.99%	4,083.77	102,287.00	-98,203.23	3.99%	544,931.00	544,931.00	0.00	100.0%
7109 · Recharge & Well Monitoring Prog	0.00	1,945.00	-1,945.00	0.0%	0.00	1,945.00	-1,945.00	0.0%	23,318.00	23,318.00	0.00	100.0%
7200 · PE2- Comp Recharge Pgm	264,274.79	335,959.86	-71,685.07	78.66%	264,274.79	335,959.86	-71,685.07	78.66%	1,277,384.86	1,277,384.86	0.00	100.0%
7300 · PE3&5-Water Supply/Desalte	0.00	2,629.00	-2,629.00	0.0%	0.00	2,629.00	-2,629.00	0.0%	31,972.00	31,972.00	0.00	100.0%
7400 · PE4- Mgmt Plan	22,457.63	285,954.00	-263,496.37	7.85%	22,457.63	285,954.00	-263,496.37	7.85%	522,241.00	522,241.00	0.00	100.0%
7500 · PE6&7-CoopEfforts/SaltMgmt	1,405.20	4,385.00	-2,979.80	32.05%	1,405.20	4,385.00	-2,979.80	32.05%	52,912.00	52,912.00	0.00	100.0%
7600 · PE8&9-StorageMgmt/Conj Use	0.00	9,325.00	-9,325.00	0.0%	0.00	9,325.00	-9,325.00	0.0%	113,336.00	113,336.00	0.00	100.0%
7690 · Recharge Improvement Debt Pymt	465,200.00	2,770,344.10	-2,305,144.10	16.79%	465,200.00	2,770,344.10	-2,305,144.10	16.79%	5,525,944.10	5,525,944.10	0.00	100.0%
7700 · Inactive Well Protection Prgm	0.00	38.00	-38.00	0.0%	0.00	38.00	-38.00	0.0%	500.00	500.00	0.00	100.0%
9502 · G&A Expenses Allocated-Projects	13,721.73	25,419.00	-11,697.27	53.98%	13,721.73	25,419.00	-11,697.27	53.98%	305,039.00	305,039.00	0.00	100.0%
<b>Total Expense</b>	<b>1,158,043.28</b>	<b>4,007,518.45</b>	<b>-2,849,475.17</b>	<b>28.9%</b>	<b>1,158,043.28</b>	<b>4,007,518.45</b>	<b>-2,849,475.17</b>	<b>28.9%</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>-998,412.24</b>	<b>-3,848,595.45</b>	<b>2,850,183.21</b>	<b>25.94%</b>	<b>-998,412.24</b>	<b>-3,848,595.45</b>	<b>2,850,183.21</b>	<b>25.94%</b>	<b>-2,630,337.45</b>	<b>-2,630,337.45</b>	<b>0.00</b>	<b>100.0%</b>
<b>Other Income</b>												
4210 · Approp Pool-Replenishment	66,591.74	0.00	66,591.74	100.0%	66,591.74	0.00	66,591.74	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	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	6,500.00	0.00	6,500.00	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%
4600 · 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>66,591.74</b>	<b>0.00</b>	<b>66,591.74</b>	<b>100.0%</b>	<b>66,591.74</b>	<b>0.00</b>	<b>66,591.74</b>	<b>100.0%</b>	<b>6,500.00</b>	<b>0.00</b>	<b>6,500.00</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>66,591.74</b>	<b>0.00</b>	<b>66,591.74</b>	<b>100.0%</b>	<b>66,591.74</b>	<b>0.00</b>	<b>66,591.74</b>	<b>100.0%</b>	<b>6,500.00</b>	<b>0.00</b>	<b>6,500.00</b>	<b>100.0%</b>
<b>Net Income</b>	<b>-931,820.50</b>	<b>-3,848,595.45</b>	<b>2,916,774.95</b>	<b>24.21%</b>	<b>-931,820.50</b>	<b>-3,848,595.45</b>	<b>2,916,774.95</b>	<b>24.21%</b>	<b>-2,623,837.45</b>	<b>-2,630,337.45</b>	<b>6,500.00</b>	<b>99.75%</b>

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

# **CHINO BASIN WATERMASTER**

## **I. CONSENT CALENDAR (App & Ag Pool)**

**C. COST-SHARING AGREEMENT BETWEEN CHINO BASIN WATERMASTER AND CITY OF CHINO HILLS REGARDING THE CHINO HILLS ASR PILOT PROJECT**

## **I. BUSINESS ITEMS – ROUTINE (Non-Ag Pool)**

**C. COST-SHARING AGREEMENT BETWEEN CHINO BASIN WATERMASTER AND CITY OF CHINO HILLS REGARDING THE CHINO HILLS ASR PILOT PROJECT**



# 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: September 8, 2016  
TO: Pool Committee Members  
SUBJECT: Cost-Sharing Agreement Between Chino Basin Watermaster and City Of Chino Hills Regarding the Chino Hills ASR Pilot Project (Consent Calendar Item. I.C.)

### SUMMARY

Issue: The Cost Sharing Agreement Between Chino Basin Watermaster and City of Chino Hills Regarding the Chino Hills ASR Pilot Project needs to be adopted by the Watermaster Board to provide Chino Basin Watermaster staff the authorization to issue final payments to City of Chino Hills regarding the Chino Hills ASR Pilot Project.

Recommendation: Recommend that the Advisory Committee approve the Cost Sharing Agreement Between Chino Basin Watermaster and City of Chino Hills Regarding the Chino Hills ASR Pilot Project.

Financial Impact: There is no financial impact associated with this recommendation. Watermaster has made a commitment to fund \$368,058 of this project and collected the monies in 2008 and 2009.

### Future Consideration

Appropriative Pool: September 8, 2016 – recommend Advisory Committee approval  
Non-Agricultural Pool: September 8, 2016 - recommend Advisory Committee approval  
Agricultural Pool: September 8, 2016 - recommend Advisory Committee approval  
Advisory Committee: September 15, 2016 - approval  
Watermaster Board: September 22, 2016 - adoption [Upon Advisory Committee approval]

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### ACTIONS:

Appropriative Pool: September 8, 2016 –  
Non-Agricultural Pool: September 8, 2016 –  
Agricultural Pool: September 8, 2016 –  
Advisory Committee: September 15, 2016 –  
Watermaster Board: September 22, 2016 –

**BACKGROUND**

On June 28, 2007, the Watermaster Board adopted Watermaster’s Long Term Plan for the Management of Subsidence (MZ-1 Plan). The Long Term Plan described an injection feasibility study at a production well within the Managed Area. This test would help determine if aquifer injection was a viable tool to manage subsidence within the Managed Area while maximizing the use of existing infrastructure (i.e. wells). The Stipulation with Chino Hills states “In preparation of the Recharge Master Plan, Watermaster would consider whether existing groundwater production facilities owned or controlled by producers within MZ1 may be used in connection with an aquifer storage and recovery (“ASR”) project so as to further enhance recharge in specific locations and to otherwise meet the objectives of the Recharge Master Plan.” Pursuant to its November 15, 2007 Order on Motion for Approval of Watermaster’s Long Term Plan for the Management of Subsidence, the Court approved the Long Term Plan for the Management of Subsidence (“Long Term Plan”).

Watermaster’s approved budget for fiscal year 2008-2009 included a task item for an ASR pilot test at Chino Hills’ Well CH-16. The ASR Project is that pilot test. Watermaster has included this budget item in its annual budgets each fiscal year since. The primary objective of the ASR Project is to determine the feasibility of using an existing well within an area prone to land subsidence for aquifer storage and recovery and the management of land subsidence and ground fissuring.

On behalf of Chino Hills, Watermaster submitted an AB303 grant application to help fund the ASR pilot test. Per the Grant documents, the reasonable costs of the project was estimated to be \$618,058 (\$250,000 funded from the AB303 Grant and \$368,058 funded by Chino Basin Watermaster). The Grant application was approved in the amount of \$250,000 on June 20, 2008. Chino Hills entered into a contract with Department of Water Resources (“DWR”) in order to make use of these funds. It was stipulated that any excess costs over the amount of \$618,058 would be the responsibility of the City of Chino Hills, and that Watermaster’s maximum cap amount would be \$368,058.

*Grant Agreement No. 4600008330  
Page 18 of 32*

**EXHIBIT C  
PROJECT BUDGET**

Table C-1 Budget City of Chino Hills Project Title: <u>Management of Land Subsidence by Aquifer Injection In Chino Basin</u>					
Task	Description	Grant Funds	Cost Share	Total Costs	Source of Local Funding
1	Evaluate the Feasibility of ASR At Well CH-1B	\$ -	\$38,152	\$38,152	Chino Hills
2	Prepare ASR Pilot Testing Work Plan	\$ -	\$28,550	\$28,550	Chino Hills
3	Permitting and CEQA	\$ -	\$58,223	\$58,223	Chino Hills
4	Well rehabilitation and retrofit	\$150,000	\$92,384	\$242,384	Chino Hills
5	ASR Pilot Testing	\$100,000	\$128,383	\$228,383	Chino Hills
6	Project Administration	\$ -	\$22,366	\$22,366	Chino Hills
	Grand Total (sum of columns for each task)	\$250,000	\$368,058	\$618,058	

In preparing the 2010 Recharge Master Plan Update and the 2013 Amendment to the 2010 Recharge Master Plan Update (Collectively, the “RMPU”), Watermaster considered whether existing groundwater production facilities, owned or controlled by producers within MZ-1, could be used in connection with an

aquifer storage and recovery project so as to further enhance recharge in specific locations and to otherwise meet the objectives of the RMPU.

Chino Hills has begun to implement the ASR Project pursuant to its agreement with DWR ("DWR Grant Agreement") and its amendments, and shall ensure completion of the ASR Project and compliance with all DWR terms. In March 2014, Amendment 3 to the DWR Grant Agreement was approved. Amendment 3 revised the scope of work, budget, schedule, and some of the terms of the DWR Grant Agreement. The ASR Project scope of work was revised to include two phases. Phase 1 includes tasks that will be completed under the DWR Grant Agreement and funded through the Grant Agreement and \$368,058 by Watermaster; Phase 2 will include additional tasks necessary to complete the project, but which are not subject to this Cost Sharing Agreement. The anticipated project costs for Phase 2 are \$550,748.

#### DISCUSSION

Watermaster's maximum contribution to this project is capped at \$368,058. Watermaster has recorded on its financial income statements the total amount of \$338,772.01 (from FY 2011/12 through FY 2014/15). Of the total amount of \$338,772.01 which has been booked, \$167,563.16 has been disbursed to Geoscience Support Services and WEI for Engineering Services on the project and \$171,208.85 of the total still remains outstanding, due and payable; the remaining amount of \$29,285.99 ( $\$368,058 - \$338,772.01 = \$29,285.99$ ) will be due upon project completion.

The funding for these outstanding payments of \$200,467.84 ( $\$171,208.85 + \$29,285.99 = \$200,467.84$ ) was provided from prior assessments; however, Watermaster lacks the authorization to issue payments that are currently due to the City of Chino Hills (\$155,256.85) and Geoscience Support Services (\$15,952.00) without a current cost sharing agreement; and lacks authorization to pay the remaining budget amount of \$29,285.99 upon completion of the ASR Project, which includes the ASR Pilot Test and publication of a final report. The proposed cost sharing agreement (Attachment 1) provides the necessary authorization for Watermaster to fulfill its commitment.

Amendment 3 of the DWR Grant Agreement modified the anticipated project costs for Phase 1 of the ASR Project. The ASR Project was funded according to the following allocations:

Total funding from DWR Grant Agreement	\$250,000
Maximum Watermaster contribution, including funds already distributed	\$368,058
Expected Chino Hills total contribution	\$550,748
Expected total ASR Project Costs	\$1,168,806

The City of Chino Hills is also seeking city council approval for the attached cost sharing agreement at their September 13, 2016 meeting.

#### ATTACHMENTS

1. Cost Sharing Agreement Between Chino Basin Watermaster and City of Chino Hills Regarding Chino Hills ASR Pilot Project

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**AGREEMENT BETWEEN CHINO BASIN WATERMASTER AND CITY OF CHINO HILLS REGARDING  
THE CHINO HILLS ASR PILOT PROJECT**

This Cost Sharing Agreement (“Agreement”) is entered into as of September \_\_, 2016, by and between the CHINO BASIN WATERMASTER (“Watermaster”) and the CITY OF CHINO HILLS (“Chino Hills”) (each a “Party” and collectively, the “Parties”) for the purposes of establishing a framework for the implementation and funding of the Chino Hills Aquifer Storage and Recovery Pilot Project (“ASR Project”).

**RECITALS**

A. Watermaster is an agent of the Court and serves as the Court’s special master in order to administer and enforce the provisions of the Chino Basin Watermaster Judgment, San Bernardino County Superior Court Case No. RCV 51010 (formerly Case No. SCV 164327);

B. Chino Hills is a municipal corporation and general law city organized and existing under the laws of the State of California;

C. Pursuant to its November 15, 2007 Order on Motion for Approval of Watermaster’s Long Term Plan for the Management of Subsidence, the Watermaster Court approved the Long Term Plan for the Management of Subsidence (“Long Term Plan”). The Long Term Plan describes an injection feasibility study at a production well within Management Zone 1 (“MZ-1”). The objective of this test is to help determine if aquifer injection is a viable tool to manage subsidence within MZ-1 while maximizing the use of existing infrastructure (i.e. wells);

D. In preparing the 2010 Recharge Master Plan Update and the 2013 Amendment to the 2010 Recharge Master Plan Update (Collectively, the “RMPU”), Watermaster considered whether existing groundwater production facilities owned or controlled by producers within MZ1 could be used in connection with an aquifer storage and recovery project so as to further enhance recharge in specific locations and to otherwise meet the objectives of the RMPU;

E. Watermaster’s approved budget for fiscal year 2008-2009 included a task item for an ASR pilot test at Chino Hills’ Well CH-16. The ASR Project is that pilot test. Watermaster has included this budget item in its annual budgets each fiscal year since;

F. The primary objective of the ASR Project is to determine the feasibility of using an existing well within an area prone to land subsidence for aquifer storage and recovery and the management of land subsidence and ground fissuring;

G. On behalf of Chino Hills, Watermaster submitted an AB303 grant application to help fund the ASR Project. This application was approved in the amount of \$250,000. Chino Hills

entered into a contract with Department of Water Resources (“DWR”) on December 30, 2008 in order to make use of these funds; and

H. Chino Hills has begun to implement the ASR Project pursuant to its agreement with DWR (“DWR Grant Agreement”) and its amendments, and shall ensure completion of the ASR Project and compliance with all DWR terms. In March 2014, Amendment 3 to the DWR Grant Agreement was approved. Amendment 3 revised the scope of work, budget, schedule, and some of the terms of the DWR Grant Agreement. The ASR Project scope of work was revised to include two phases. Phase 1 includes tasks that will be completed under the DWR Grant Agreement and funded through the Grant Agreement and in, part, by Watermaster; Phase 2 will include additional tasks necessary to complete the project, but which are not subject to this Cost Sharing Agreement.

### AGREEMENT TERMS

#### **1. PURPOSE**

Through this Agreement, the Parties wish to clarify the respective responsibilities of each Party for the purpose of the implementation and funding of Phase 1 of the ASR Project.

#### **2. SCOPE**

This Agreement establishes a cost sharing arrangement for the tasks composing Phase 1 the ASR Project, as the Phase 1 tasks are defined in the Scope of Work included in that document referenced above as “Amendment 3” to the DWR Grant Agreement,

#### **3. WATERMASTER RESPONSIBILITIES**

**3.1** Watermaster will fund the Phase 1 tasks in an amount not to exceed the amount of money budgeted in the Watermaster budget to fund those tasks, and the total shall not exceed the amount described in Section 5.1. Watermaster shall not fund any activities not described in the Scope of Work as Phase 1 tasks, including, but not limited to, the purchase of water to be used for aquifer recharge in the ASR Project.

**3.2** For any Phase 1 work performed by Wildermuth Environmental, Inc. (“WEI”), Watermaster will fund such work from the money budgeted in the Watermaster budget to fund the work plan, and the total shall not exceed the amount described in Section 5.1. Watermaster will provide Chino Hills with copies of the WEI invoices for submission to DWR.

**3.3** Watermaster will assist Chino Hills in the preparation of status reports required under the DWR Grant Agreement, and such assistance shall be funded as a part of the work plan.

**4. CHINO HILLS RESPONSIBILITIES**

**4.1** Chino Hills shall lead all aspects of ASR Project administration (i.e., invoicing, grant funds, grant administration, sub-contractors, etc.).

**4.2** Chino Hills will submit invoices for qualifying work to DWR for reimbursement pursuant to the terms the DWR Grant Agreement.

**4.3** For any qualifying work performed by Chino Hills or its consultants, Chino Hills will submit invoices for such work to Watermaster for reimbursement. Watermaster’s responsibility to provide such reimbursement shall be capped at the amount specified in the Watermaster budget for the applicable fiscal year to fund the work plan, and the total shall not exceed the amount described in Section 5.1.

**5. BUDGET AND COST ALLOCATION**

**5.1 Total Financial Contribution.** Amendment 3 of the DWR Grant Agreement modified the anticipated project costs for Phase 1 of the ASR Project. The ASR Project shall be funded according to the following allocations:

Total funding from DWR Grant Agreement	\$250,000
Maximum Watermaster contribution, including funds already distributed	\$368,058
Expected Chino Hills total contribution	\$550,748
Expected total ASR Project Costs	\$1,168,806

**5.1.1** Chino Hills is responsible for any additional costs associated with the ASR Project Scope of Work, including tasks in Phase 1 and Phase 2 described in this Agreement in the Recitals, at section “H”.

**5.1.2** Watermaster will retain 7.95% of the Watermaster budget funds until completion of the ASR Project, which includes the ASR Pilot Test and publication of a final report.

**5.2 Project Expenditures through June 30, 2016.** The Parties agree that the following project costs have been

DWR Invoices	\$250,000
Watermaster Contributions (includes \$171,208.85 of payments not issued to vendors by Watermaster)	\$338,772.01
Chino Hills Contribution	\$75,592.19
Total Expenditures through 06/30/2016	\$664,364.20

**6. TERM**

**6.1 Term.** This agreement shall remain in effect from September \_\_\_\_, 2016 (“Effective Date”) through completion of the ASR Project, unless terminated pursuant to Section 6.2, below.

**6.2 Termination.** This Agreement shall be mutually terminable at any time by majority vote of either Party’s governing body, within each Party’s sole discretion. Termination shall not relieve the terminating party from its obligations accruing prior to termination, including the payment of monies due for work performed prior to the date of termination and project settlements costs thereof, shall be paid after receipt of an invoice as provided in Article 3, above.

**7. INDEMNITY**

Chino Hills shall indemnify Watermaster against and hold Watermaster harmless from any and all claims, suits, losses, damages, and liability for damages of every name, kind and description, including attorneys' fees and other costs of defense incurred, brought for, or on account of, injuries to or death of any person, including, but not limited to, workers, the public, or damage to property, or any economic or consequential losses, which are claimed to or in any way arise out of or are connected with Chino Hills’ activities pursuant to this Agreement, regardless of the existence or degree of fault or negligence on the part of the Parties, a third-party contractor, the subcontractor(s) and employee(s) of any of these, except for the active negligence or willful misconduct of employees or agents of the Parties, or as expressly prohibited by statute. The provisions of this Section 7 shall survive termination of this Agreement.

**8. GENERAL PROVISIONS**

**8.1 Notices.** Any notice under this Agreement shall be deemed sufficient if given by one Party to the other in writing and: delivered in person; transmitted by electronic mail or facsimile (with acknowledgement of receipt provided by the receiving Party); or, by mailing the same by United States mail (postage prepaid, registered or certified, return receipt requested) or by Federal Express or other similar overnight delivery service, to the Party to whom the notice is directed at the address of such Party as follows:

If to Watermaster:  
Chino Basin Watermaster  
Attn: General Manager  
9641 San Bernardino Road  
Rancho Cucamonga, CA 91730

If to Chino Hills:  
City of Chino Hills  
Attn: City Manager  
14000 City Center Drive  
Chino Hills, CA 91709

Any communication given by mail shall be deemed delivered two (2) business days after such mailing date, and any written communication given by overnight delivery service shall be deemed delivered one (1) business day after the dispatch date. Either Party may change its address by giving the other Party notice of its new address.

**8.2 Assignability.** The Parties may not assign all or any part of this Agreement without advance written consent of each Party's governing board.

**8.3 Waiver.** No waiver by any Party of any of the provisions shall be effective unless explicitly stated in writing and executed by the Party so waiving. Except as provided in the preceding sentence, no action taken pursuant to this Agreement, including, without limitation, any investigation by or on behalf of any Party, shall be deemed to constitute a waiver by the Party taking such action of compliance with any representations, warranties, covenants, or agreements contained in this Agreement, and in any documents delivered or to be delivered pursuant to this Agreement. The waiver by any Party of a breach of any provision of this Agreement shall not operate or be construed as a waiver of any subsequent breach. No waiver of any of the provisions of this Agreement shall be deemed, or shall constitute, a waiver of any other provision, whether or not similar, nor shall any waiver constitute a continuing waiver.

**8.4 Headings.** The section headings contained in this Agreement are for convenience and reference only and shall not affect the meaning or interpretation of this Agreement.

**8.5 Severability.** If any term, provision, covenant or condition of this Agreement shall be or become illegal, null, void or unenforceable, the remaining provisions of this Agreement shall remain in full force and effect, and shall not be affected, impaired or invalidated. The term, provision, covenant or condition that is so invalidated, voided or held to be unenforceable, shall be modified or changed by the Parties to the extent possible to carry out the intentions and directives set forth in this Agreement.

**8.6 Governing Law.** This Agreement shall be governed by, and interpreted in accordance with, the laws of the State of California. This Agreement shall be specifically enforceable in the Court maintaining jurisdiction over the case Chino Basin Municipal Water District v. City of Chino, San Bernardino Superior Court Case No. RCV 51010.

**8.7 Parties in Interest.** Nothing in this Agreement, whether expressed or implied, is intended to confer any rights or remedies under or by reason of this Agreement on any persons other than the Parties to it and their respective successors and assigns, nor is anything in this Agreement intended to relieve or discharge the obligation or liability of any third persons to any party to this Agreement, nor shall any provision give any third persons any right of subrogation or action against any party to this Agreement.

**8.8 Attorney Fees.** In any dispute under this agreement between the Parties, each Party shall bear its own legal costs and expenses.

**8.9 Good Faith.** The Parties agree to exercise their best efforts and utmost good faith to effectuate all the terms and conditions of this Agreement and to execute such further

instruments or documents as are necessary or appropriate to effectuate all of the terms and conditions of this Agreement.

**8.10 Construction.** The provisions of this Agreement should be liberally construed to effectuate its purposes. The language of all parts of this Agreement shall be construed simply according to its plain meaning and shall not be construed for or against either Party, as each Party has participated in the drafting of this document and had the opportunity to have their counsel review it. Whenever the context and construction so requires, all words used in the singular shall be deemed to be used in the plural, all masculine shall include the feminine and neuter, and vice versa.

**8.11 Entire Agreement.** This Agreement contains the entire understanding and agreement of the Parties with respect to the implementation and funding of the ASR Project, and supersedes all prior agreements and understandings, oral and written, between the Parties concerning the subject matter of this agreement. There have been no binding promises, representations, agreements, warranties or undertakings by any of the Parties, either oral or written, of any character or nature, except as stated in this Agreement. This Agreement may be altered, amended or modified only by an instrument in writing, executed by the Parties to this Agreement and by no other means. Each Party waives its future right to claim, contest or assert that this Agreement was modified, canceled, superseded or changed by any oral agreement, course of conduct, waiver or estoppels.

**8.12 Counterparts.** This Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original, but all of which shall constitute one and the same instrument.

**IN WITNESS WHEREOF,** the Parties have executed this Agreement on the day and year and at the place first written above.

CITY OF CHINO HILLS

By \_\_\_\_\_

KONRADT BARTLAM  
City Manager

CHINO BASIN WATERMASTER

By \_\_\_\_\_  
PETER KAVOUNAS  
General Manager

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# **CHINO BASIN WATERMASTER**

## **II. BUSINESS ITEMS**

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



# 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: September 8, 2016  
TO: Pool Committee Members  
SUBJECT: 2015 Ground-Level Monitoring Committee Annual Report (Business Item II.A.)

### SUMMARY

Issue: Watermaster is required annually to file a Ground-Level Monitoring report with the Court. The 2015 annual report has been drafted.

Recommendation: Recommend that the Advisory Committee 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.

The report will be distributed under separate cover.

Financial Impact: Approval of the report does not result in additional expenses. All of the 2015 Annual Report recommendations for ground-level monitoring are included in the approved FY 2016/17 budget.

### Future Consideration

Appropriative Pool: September 8, 2016 Recommendation to the Advisory Committee

Non-Agricultural Pool: September 8, 2016 Recommendation to the Advisory Committee

Agricultural Pool: September 8, 2016 Recommendation to the Advisory Committee

Advisory Committee: September 15, 2016 Recommendation to the Watermaster Board

Watermaster Board: September 22, 2016 Adopt the 2015 Annual Report of the Ground-Level Monitoring Committee along with filing a copy with the Court [Discretionary Function]

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### ACTIONS:

Date – Appropriative Pool –

Date – Non-Agricultural Pool –

Date – Agricultural Pool –

Date – Advisory Committee –

Date – Watermaster Board –

## BACKGROUND

In 1999, the OBMP Phase I Report identified pumping-induced drawdown and resultant aquifer-system compaction as the most likely cause of land subsidence and ground fissuring that had been observed in Management Zone 1 (MZ-1). Program Element 4 of the OBMP, "Develop and Implement a Comprehensive Groundwater Management Plan for Management Zone 1," called for the development and implementation of an interim management plan (IMP) for MZ-1.

From 2001 to 2005, Watermaster developed, coordinated, and conducted the IMP under the guidance of the MZ-1 Technical Committee (now called the Ground-Level Monitoring Committee or GLMC). The IMP provided enough information for Watermaster to develop Guidance Criteria for the MZ-1 producers in the investigation area that, if followed, would minimize the potential for subsidence and fissuring during the completion of the MZ-1 Subsidence Management Plan (MZ-1 Plan). The Guidance Criteria formed the basis for the MZ-1 Plan, which was developed by the MZ-1 Technical Committee and approved by Watermaster in October 2007. By a November 15, 2007 Order, the Watermaster Court approved the MZ-1 Plan and ordered its implementation.

The MZ-1 Plan states that Watermaster will produce an annual report at the end of each fiscal year, which includes the results of ongoing monitoring efforts, interpretations of the data, and recommended adjustment to the MZ-1 Plan, if any. The Court's Order directs Watermaster to file the annual reports with the Court. The first such report was published for 2012, and was approved by Watermaster and filed with the Court in December 2013.

## DISCUSSION

The Draft-Final 2015 Annual Report of the GLMC includes results and interpretations for data that were collected during calendar year 2015, and includes recommendations for Watermaster's Ground-Level Monitoring Program for FY 2016/17.

The GLMC met on March 21, 2016, and via GoToMeeting on May 4, 2016 to discuss monitoring results and to develop a scope-of-work and budget for FY 2016/17. An overview of the monitoring results and recommendations (proposed scope-of-work and budget for FY 2016/17) was presented to the Pool Committees during the May 12, 2016 meetings.

The GLMC was provided with the draft 2015 Annual Report on August 19, 2016. An attempt was made to schedule a meeting to discuss the content, conclusions and recommendation of the report, but was unsuccessful due to scheduling conflicts. Instead, the GLMC was asked to provide any feedback and suggested revisions via e-mail on or before September 2, 2016, allowing as much time for review of the draft report as possible, while preserving the possibility of approving the report in September 2016.

Watermaster staff and Engineer plan to revise the draft report to incorporate the comments and suggestions of the GLMC, and to include an appendix to document the comments and suggestions of the GLMC and the responses of Watermaster staff and Engineer. Comments and responses to comments, as well as the entire report will be reviewed during the Pool Committee meetings.

The Draft-Final 2015 annual report will be distributed under separate cover for the Pools' consideration.

# CHINO BASIN WATERMASTER

## IV. INFORMATION

1. Cash Disbursements for August 2016

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
August 2016

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	08/01/2016	19580	BROWNSTEIN HYATT FARBER SCHRECK		1012 · Bank of America Gen'l Ckg	
Bill	06/30/2016	645640		645640	6907.44 · SGMA Compliance	1,369.35
Bill	06/30/2016	645641		645641	6907.42 · Safe Yield Recalculation	12,380.85
Bill	06/30/2016	645642		645642	6907.41 · Prado Basin Habitat Sustain	2,428.65
Bill	06/30/2016	645643		645643	6907.39 · Recharge Master Plan	688.50
Bill	06/30/2016	645644		645644	6071 · BHFS Legal - Court Coordination	306.00
Bill	06/30/2016	645645		645645	8575 · BHFS Legal - Non-Ag Pool	1,338.75
Bill	06/30/2016	645646		645646	8475 · BHFS Legal - Agricultural Pool	1,338.75
Bill	06/30/2016	645647		645647	8375 · BHFS Legal - Appropriative Pool	1,338.75
Bill	06/30/2016	645648		645648	6375 · BHFS Legal - Board Meeting	4,722.30
Bill	06/30/2016	645649		645649	6275 · BHFS Legal - Advisory Committee	956.25
Bill	06/30/2016	645650		645650	6907.34 · Santa Ana River Water Rights	459.00
Bill	06/30/2016	645651		GM Evaluation	6073 · BHFS Legal - Personnel Matters	6,733.80
				CalPERS-Alvarez	6073 · BHFS Legal - Personnel Matters	10,159.65
Bill	06/30/2016	645652		645652	6078 · BHFS Legal - Miscellaneous	9,636.30
				Expenses	6078 · BHFS Legal - Miscellaneous	89.62
				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
				Expenses	6375 · BHFS Legal - Board Meeting	1,000.00
TOTAL						54,981.83
Bill Pmt -Check	08/04/2016	ACH 080416	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	07/30/2016	07/30/2016	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 07/17/16-07/30/16	2000 · Accounts Payable	5,871.69
TOTAL						5,871.69
Bill Pmt -Check	08/08/2016	19582	BROWNSTEIN HYATT FARBER SCHRECK		1012 · Bank of America Gen'l Ckg	
Bill	05/31/2016	642536		642536	6907.44 · SGMA Compliance	4,536.00
Bill	05/31/2016	642537		642537	6907.42 · Safe Yield Recalculation	6,361.20
				Expenses	6907.42 · Safe Yield Recalculation	26.37
Bill	05/31/2016	642538		642538	6907.41 · Prado Basin Habitat Sustain	1,157.40
Bill	05/31/2016	642539		642539	6907.39 · Recharge Master Plan	5,050.35
Bill	05/31/2016	642540		642540	6071 · BHFS Legal - Court Coordination	7,953.75
Bill	05/31/2016	642541		642541	8575 · BHFS Legal - Non-Ag Pool	1,491.75
Bill	05/31/2016	642542		642542	8475 · BHFS Legal - Agricultural Pool	1,491.75
Bill	05/31/2016	642543		642543	8375 · BHFS Legal - Appropriative Pool	1,491.75
Bill	05/31/2016	642544		642544	6375 · BHFS Legal - Board Meeting	1,577.70
Bill	05/31/2016	642545		642545	6275 · BHFS Legal - Advisory Committee	915.06
Bill	05/31/2016	642546		642546	6907.34 · Santa Ana River Water Rights	259.65
Bill	05/31/2016	642547		Personnel	6073 · BHFS Legal - Personnel Matters	7,187.78

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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>
				CalPERS-Alvarez	6073 · BHFS Legal - Personnel Matters	7,700.21
				GM Evaluation	6073 · BHFS Legal - Personnel Matters	5,336.18
				Personnel	6073 · BHFS Legal - Personnel Matters	2,426.19
				Personnel	6073 · BHFS Legal - Personnel Matters	1,207.28
				Expenses	6073 · BHFS Legal - Personnel Matters	2,445.36
Bill	05/31/2016	642548		642548	6078 · BHFS Legal - Miscellaneous	7,801.20
				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
<b>TOTAL</b>						<b>66,452.24</b>
<b>Bill Pmt -Check</b>	<b>08/08/2016</b>	<b>19583</b>	<b>KUHN, BOB</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/09/2016	6/09 Appro Pool Mtg		6/09/16 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00
Bill	06/10/2016	6/10 Personnel Comm		6/10/16 Personnel Committee Meeting	6311 · Board Member Compensation	125.00
Bill	06/16/2016	6/16 Advisory Comm		6/16/16 Advisory Committee Meeting	6311 · Board Member Compensation	125.00
Bill	06/21/2016	6/21 Admin Mtg		6/21/16 Administrative meeting w/PK	6311 · Board Member Compensation	125.00
Bill	06/23/2016	6/23 Board Mtg		6/23/16 Board Meeting	6311 · Board Member Compensation	125.00
<b>TOTAL</b>						<b>625.00</b>
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<b>Bill Pmt -Check</b>	<b>08/08/2016</b>	<b>19584</b>	<b>LEVEL 3 COMMUNICATIONS</b>	<b>44695005</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/29/2016	44695005		6/17/16-7/16/16	6053 · Internet Expense	1,087.54
<b>TOTAL</b>						<b>1,087.54</b>
<b>Bill Pmt -Check</b>	<b>08/08/2016</b>	<b>19585</b>	<b>PUBLIC EMPLOYEES' RETIREMENT SYSTEM</b>	<b>Payor #3493</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/01/2016	100000014788791		Annual Unfunded Accrued Liability	60180 · Employers PERS Expense	3,590.95
Bill	07/01/2016	100000014788798		Annual Unfunded Accrued Liability	60180 · Employers PERS Expense	91.00
<b>TOTAL</b>						<b>3,681.95</b>
<b>Bill Pmt -Check</b>	<b>08/08/2016</b>	<b>19586</b>	<b>THOMAS, THOMAS R.</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/08/2016	6/08 Admin Mtg		6/08/16 Administrative Meeting w/PK	6311 · Board Member Compensation	125.00
Bill	06/23/2016	6/23 Board Mtg		6/23/16 Board Meeting	6311 · Board Member Compensation	125.00
<b>TOTAL</b>						<b>250.00</b>
<b>Bill Pmt -Check</b>	<b>08/08/2016</b>	<b>19587</b>	<b>STATE COMPENSATION INSURANCE FUND</b>	<b>1970970-16</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/01/2016	197970-16		1970970-16	60183 · Worker's Comp Insurance	910.00
<b>TOTAL</b>						<b>910.00</b>
<b>Bill Pmt -Check</b>	<b>08/08/2016</b>	<b>19588</b>	<b>WESTERN MUNICIPAL WATER DISTRICT</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/23/2016	6/23 Board Mtg		6/23/16 Board Meeting - Galleano attendance	6311 · Board Member Compensation	125.00
<b>TOTAL</b>						<b>125.00</b>

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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	08/08/2016	19589	APPLIED COMPUTER TECHNOLOGIES	2690	1012 · Bank of America Gen'l Ckg	
Bill	07/28/2016	2690		Database Consulting Services - July 2016	6052.2 · Applied Computer Technol	3,314.80
TOTAL						3,314.80
Bill Pmt -Check	08/08/2016	19590	BOWMAN, JIM	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	07/28/2016	7/28 Board Mtg		7/28/16 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	08/08/2016	19591	CHEF DAVE'S CAFE & CATERING	6222	1012 · Bank of America Gen'l Ckg	
Bill	07/28/2016	6222		Lunch for 7/28/16 Watermaster Board meeting	6312 · Meeting Expenses	456.20
TOTAL						456.20
Bill Pmt -Check	08/08/2016	19592	CURATALO, JAMES	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	07/14/2016	7/14 Appro Pool Mtg		7/14/16 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00
Bill	07/26/2016	7/26 Agenda Review		7/26/16 Agenda Review Meeting	6311 · Board Member Compensation	125.00
Bill	07/28/2016	7/28 Board Mtg		7/28/16 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						375.00
P73 Bill Pmt -Check	08/08/2016	19593	DE BOOM, NATHAN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	07/14/2016	7/14 Ag Pool Mtg		Ag Pool Member Compensation	8411 · Compensation	25.00
				7/14/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	08/08/2016	19594	DE HAAN, HENRY	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	07/14/2016	7/14 Ag Pool Mtg		Ag Pool Member Compensation	8411 · Compensation	25.00
				7/14/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	08/08/2016	19595	FEENSTRA, BOB	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	07/14/2016	7/14 Ag Pool Mtg		7/14/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	07/27/2016	7/27 Ag Well Data Mt		7/27/16 Ag Well Data Meeting (conference call)	8470 · Ag Meeting Attend -Special	125.00
Bill	07/28/2016	7/28 Board Mtg		7/28/16 Board Meeting	8470 · Ag Meeting Attend -Special	125.00
TOTAL						375.00
Bill Pmt -Check	08/08/2016	19596	HOGAN LOVELLS		1012 · Bank of America Gen'l Ckg	
Bill	06/30/2016	3001050		Non-Ag Pool Legal Services - June 2016	8567 · Non-Ag Legal Service	2,499.00
Bill	06/30/2016	2996507		Non-Ag Pool Legal Services - May 2016	8567 · Non-Ag Legal Service	4,379.50
TOTAL						6,878.50

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	08/08/2016	19597	HUITSING, JOHN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	07/14/2016	7/14 Ag Pool Mtg		Ag Pool Member Compensation	8411 · Compensation	25.00
				7/14/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	08/08/2016	19598	INLAND EMPIRE UTILITIES AGENCY	1800002860	1012 · Bank of America Gen'l Ckg	
Bill	06/30/2016	1800002860		CB-20 Noice Mltigation Project invoice #2	7690.5 · CB20 Turnout Noise Abatement	7,346.40
TOTAL						7,346.40
Bill Pmt -Check	08/08/2016	19599	MINDSHIFT	0223824	1012 · Bank of America Gen'l Ckg	
Bill	07/29/2016	0223824		Professional Services-UPS System	6055 · Computer Hardware	640.00
TOTAL						640.00
Bill Pmt -Check	08/08/2016	19600	PIERSON, JEFFREY	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	07/14/2016	7/14 Ag Pool Mtg		7/14/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	07/21/2016	7/21 Advisory Comm		7/21/16 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	07/21/2016	7/21 RIPCom Mtg		7/21/16 RIPCom Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	07/28/2016	7/28 Board Mtg		7/28/16 Board Meeting	8470 · Ag Meeting Attend -Special	125.00
TOTAL						500.00
Bill Pmt -Check	08/08/2016	19601	PREMIERE GLOBAL SERVICES	21659987	1012 · Bank of America Gen'l Ckg	
Bill	07/31/2016	21659987		Appropriative Pool agenda call on 7/06	8312 · Meeting Expenses	6.26
				SGMA Compliance call on 7/11	6906.23 · SGMA Reporting Requirements	6.13
				SGMA Compliance call on 7/11	6906.23 · SGMA Reporting Requirements	42.68
				SGMA Compliance call on 7/11	6906.23 · SGMA Reporting Requirements	15.30
				WM coordination call on 7/11	6909.1 · OBMP Meetings	40.21
				Pool mtgs check call on 7/13	8312 · Meeting Expenses	10.33
				Pool mtgs check call on 7/13	8412 · Meeting Expenses	10.33
				Pool mtgs check call on 7/13	8512 · Meeting Expense	10.33
				CBWM/IEUA projects cost share call on 7/13	6909.1 · OBMP Meetings	6.13
				Non-Ag Pool mtg call on 7/14	8512 · Meeting Expense	33.45
				SGMA Compliance call on 7/21	6906.23 · SGMA Reporting Requirements	21.44
				ASR project call on 7/21	6909.1 · OBMP Meetings	12.63
				WM coordination call on 7/25	6909.1 · OBMP Meetings	6.13
				Board agenda preview call	6312 · Meeting Expenses	6.38
				Board agenda preview call	6312 · Meeting Expenses	8.67
				Fee - General	6022 · Telephone	49.00
				Fee - Confidential	6022 · Telephone	49.00
				Fee - Service	6022 · Telephone	8.30
TOTAL						342.70

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	08/08/2016	19602	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
Bill	08/01/2016	100000014807434		Annual Unfunded Accrued Liability	60180 · Employers PERS Expense	3,590.95
TOTAL						<u>3,590.95</u>
Bill Pmt -Check	08/08/2016	19603	RAUCH COMMUNICATION CONSULTANTS, LLC Jul-1607		1012 · Bank of America Gen'l Ckg	
Bill	06/30/2016	Jul-1607		Annual Report Progress Work thru June 30, 2016	6061.3 · Rauch	565.00
TOTAL						<u>565.00</u>
Bill Pmt -Check	08/08/2016	19604	RR FRANCHISING, INC.	25852	1012 · Bank of America Gen'l Ckg	
Bill	08/01/2016	25852		Monthly service charge for August 2016	6024 · Building Repair & Maintenance	740.00
TOTAL						<u>740.00</u>
Bill Pmt -Check	08/08/2016	19605	THOMAS, THOMAS R.	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	07/28/2016	7/28 Board Mtg		7/28/16 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						<u>125.00</u>
Bill Pmt -Check	08/08/2016	19606	VANDEN HEUVEL, ROB	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	07/14/2016	7/14 Ag Pool Mtg		Ag Pool Member Compensation	8411 · Compensation	25.00
				7/14/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	07/21/2016	7/21 Advisory Comm		7/21/16 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	125.00
TOTAL						<u>250.00</u>
Bill Pmt -Check	08/08/2016	19607	YUKON DISPOSAL SERVICE	08-K2 213849	1012 · Bank of America Gen'l Ckg	
Bill	08/01/2016	08-k2 213849		Disposal Service - August 2016	6024 · Building Repair & Maintenance	111.57
TOTAL						<u>111.57</u>
Bill Pmt -Check	08/08/2016	19608	INLAND EMPIRE UTILITIES AGENCY	1800002861	1012 · Bank of America Gen'l Ckg	
Bill	06/30/2016	1800002861		GWR SCADA System Upgrades invoice #3	7690.61 · GWR SCADA Upgrades (TO #4)	8,934.91
TOTAL						<u>8,934.91</u>
Bill Pmt -Check	08/08/2016	19609	INLAND EMPIRE UTILITIES AGENCY	1800002862	1012 · Bank of America Gen'l Ckg	
Bill	06/30/2016	1800002862		Upper Santa Ana River Habitat invoice #2	7690.7 · Upper SantaAnaRiver HCP (TO #7)	17,774.00
TOTAL						<u>17,774.00</u>
Bill Pmt -Check	08/08/2016	19610	RAUCH COMMUNICATION CONSULTANTS, LLC Jun-1609		1012 · Bank of America Gen'l Ckg	
Bill	06/29/2016	Jun-1609		Annual Report Progress Work thru May 31, 2016	6061.3 · Rauch	9,202.50
TOTAL						<u>9,202.50</u>
Bill Pmt -Check	08/08/2016	19611	PUMP CHECK	6449	1012 · Bank of America Gen'l Ckg	

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	06/13/2016	6449		6449	7102.8 · In-line Meter-Calib & Test	1,800.00
TOTAL						1,800.00
Bill Pmt -Check	08/09/2016	19612	GOLDEN METERS SERVICE	783	1012 · Bank of America Gen'l Ckg	
Bill	06/30/2016	783		783	7102.8 · In-line Meter-Calib & Test	9,800.00
TOTAL						9,800.00
Bill Pmt -Check	08/09/2016	19613	BOWMAN, JIM	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	06/23/2016	6/23 Board Mtg		6/23/16 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	08/10/2016	19614	ACWA JOINT POWERS INSURANCE AUTHORITY	0428035	1012 · Bank of America Gen'l Ckg	
Bill	08/08/2016	0428035		Prepayment - September 2016	1409 · Prepaid Life, BAD&D & LTD	131.96
				August 2016	60191 · Life & Disab.Ins Benefits	133.43
TOTAL						265.39
Bill Pmt -Check	08/10/2016	19615	CORELOGIC INFORMATION SOLUTIONS	81717929	1012 · Bank of America Gen'l Ckg	
Bill	07/31/2016	81717929		81717929	7103.7 · Grdwtr Qual-Computer Svc	62.50
				81717929	7101.4 · Prod Monitor-Computer	62.50
TOTAL						125.00
Bill Pmt -Check	08/10/2016	19616	ELIE, STEVEN	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	07/26/2016	7/26 Mtg Prep Call		7/26/16 Board Meeting Prep call	6311 · Board Member Compensation	125.00
Bill	07/28/2016	7/28 Board Mtg		7/28/16 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						250.00
Bill Pmt -Check	08/10/2016	19617	MINDSHIFT	0224590	1012 · Bank of America Gen'l Ckg	
Bill	08/01/2016	0224590		IT Professional Services	6052.4 · mindSHIFT Technologies, Inc.	3,770.00
TOTAL						3,770.00
Bill Pmt -Check	08/10/2016	19618	PAYCHEX	201672800	1012 · Bank of America Gen'l Ckg	
Bill	07/30/2016	2016072800		July 2016	6012 · Payroll Services	297.61
TOTAL						297.61
Bill Pmt -Check	08/10/2016	19619	STAPLES BUSINESS ADVANTAGE	8040351927	1012 · Bank of America Gen'l Ckg	
Bill	07/30/2016	8040351927		Miscellaneous office supplies	6031.7 · Other Office Supplies	96.78
				Toner	6031.7 · Other Office Supplies	118.79
TOTAL						215.57
Bill Pmt -Check	08/10/2016	19620	UNION 76	7076-2245-3035-5049	1012 · Bank of America Gen'l Ckg	

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	07/31/2016	7076224530355049		July 2016	6175 · Vehicle Fuel	131.23
TOTAL						131.23
Bill Pmt -Check	08/10/2016	19621	VANDEN HEUVEL, GEOFFREY	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	07/14/2016	7/14 Ag Pool Mtg		7/14/16 Ag Pool Meeting	6311 · Board Member Compensation	125.00
Bill	07/28/2016	7/28 Board Mtg		7/28/16 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						250.00
Bill Pmt -Check	08/10/2016	19622	WESTERN MUNICIPAL WATER DISTRICT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	07/28/2016	7/28 Board Mtg		7/28/16 Board Meeting - Galleano attendance	6311 · Board Member Compensation	125.00
TOTAL						125.00
General Journal	08/13/2016	08/13/2016	Payroll and Taxes for 07/31/16-08/13/16	Payroll and Taxes for 07/31/16-08/13/16	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 07/31/16-08/13/16	1012 · Bank of America Gen'l Ckg	21,489.78
				Payroll Taxes for 07/31/16-08/13/16	1012 · Bank of America Gen'l Ckg	9,245.70
				Payroll Checks for 07/31/16-08/13/16	1012 · Bank of America Gen'l Ckg	4,436.74
			ICMA-RC	457(b) Employee Deductions for 07/31/16-08/13/16	1012 · Bank of America Gen'l Ckg	3,639.27
			ICMA-RC	401(a) Employee Deductions for 07/31/16-08/13/16	1012 · Bank of America Gen'l Ckg	1,048.26
						39,859.75
Bill Pmt -Check	08/16/2016	19623	BROWNSTEIN HYATT FARBER SCHRECK		1012 · Bank of America Gen'l Ckg	
Bill	07/31/2016	646925		646925	6907.44 · SGMA Compliance	9,063.00
Bill	07/31/2016	646926		646926	6907.42 · Safe Yield Recalculation	13,006.35
Bill	07/31/2016	646927		646927	6907.41 · Prado Basin Habitat Sustain	5,712.96
Bill	07/31/2016	646928		646928	6907.39 · Recharge Master Plan	4,083.75
Bill	07/31/2016	646929		646929	8575 · BHFS Legal - Non-Ag Pool	1,147.50
Bill	07/31/2016	646930		646930	8475 · BHFS Legal - Agricultural Pool	1,147.50
Bill	07/31/2016	646931		646931	8375 · BHFS Legal - Appropriative Pool	1,147.50
Bill	07/31/2016	646932		646932	6375 · BHFS Legal - Board Meeting	3,699.00
Bill	07/31/2016	646933		646933	6275 · BHFS Legal - Advisory Committee	762.06
Bill	07/31/2016	646934		646934	6907.36 · Santa Ana River Habitat	247.50
Bill	07/31/2016	646935		646935	6907.34 · Santa Ana River Water Rights	229.50
Bill	07/31/2016	646937		646937	6078 · BHFS Legal - Miscellaneous	7,122.60
				Expenses	6078 · BHFS Legal - Miscellaneous	108.18
				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
Bill	07/31/2016	646936		GM Evaluation	6073 · BHFS Legal - Personnel Matters	13,320.45
				Alvarez-CalPERS	6073 · BHFS Legal - Personnel Matters	21,657.60
				Board	6375 · BHFS Legal - Board Meeting	263.25

TOTAL

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Type	Date	Num	Name	Memo	Account	Paid Amount
				GM Contract	6073 · BHFS Legal - Personnel Matters	580.50
				Alvarez-Expenses	6073 · BHFS Legal - Personnel Matters	132.54
TOTAL						83,467.05
Bill Pmt -Check	08/17/2016	ACH 081716	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	08/13/2016	08/13/2016	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 07/31/16-08/13/16	2000 · Accounts Payable	5,871.69
TOTAL						5,871.69
Bill Pmt -Check	08/17/2016	ACH 081716	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
Bill	08/17/2016	100000014788791		Annual Unfunded Accrued Liability - Interest	60180 · Employers PERS Expense	4.69
TOTAL						4.69
Bill Pmt -Check	08/24/2016	19624	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	08/17/2016	073116		Purchase safety supplies for office	6031.7 · Other Office Supplies	140.98
				Send docs to D. Maurizio	6042 · Postage - General	28.89
				Recycling of office waste	6031.7 · Other Office Supplies	245.00
				Send check to vendor	6042 · Postage - General	63.59
				Send audit materials to auditor	6042 · Postage - General	28.89
				Place ad in Brown & Caldwell for open position	6016 · New Employee Search Costs	100.00
				Miscellaneous office supplies	6031.7 · Other Office Supplies	398.72
				Send check to vendor	6042 · Postage - General	35.42
				Purchase camera for office-field pictures	6031.7 · Other Office Supplies	539.99
				Purchase hardware for computer	6055 · Computer Hardware	93.44
				Purchase field supplies	6151 · Small Tools & Equipment	99.34
				Purchase batteries for office	6031.7 · Other Office Supplies	18.99
				Purchase lunch for IEUA/CBWM meeting	6909.1 · OBMP Meetings	45.72
				Purchase lunch for Ag Pool prep meeting	8412 · Meeting Expenses	80.00
				Place ad on Linked In for open position	6016 · New Employee Search Costs	399.00
				Purchase dessert for staff meeting	6141.3 · Admin Meetings	14.03
				PK mtg w/C. Rodriguez	6909.1 · OBMP Meetings	46.99
				Purchase memory card	6031.7 · Other Office Supplies	12.43
TOTAL						2,391.42
Bill Pmt -Check	08/24/2016	19625	CALPERS	1394905143	1012 · Bank of America Gen'l Ckg	
Bill	08/17/2016	1394905143		1394905143	60182.1 · Medical Insurance	6,879.75
TOTAL						6,879.75
Bill Pmt -Check	08/24/2016	19626	CUCAMONGA VALLEY WATER DISTRICT	Lease due September 1, 2016	1012 · Bank of America Gen'l Ckg	
Bill	08/16/2016			Lease due September 1, 2016	1422 · Prepaid Rent	6,371.16
TOTAL						6,371.16

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CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
August 2016

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	08/24/2016	19627	EGOSCUE LAW GROUP	11350	1012 · Bank of America Gen'l Ckg	
Bill	07/31/2016	11350		Ag Pool Legal Services - July 2016	8467 · Ag Legal & Technical Services	9,075.00
TOTAL						9,075.00
Bill Pmt -Check	08/24/2016	19628	FRONTIER COMMUNICATIONS	909-484-3890-050914-5	1012 · Bank of America Gen'l Ckg	
Bill	08/17/2016	909-484-3890-050914-		Office fax and back lines	6022 · Telephone	139.41
TOTAL						139.41
Bill Pmt -Check	08/24/2016	19629	HOGAN LOVELLS	3006888	1012 · Bank of America Gen'l Ckg	
Bill	07/31/2016	3006888		Non-Ag Pool Legal Services - July 2016	8567 · Non-Ag Legal Service	5,685.22
TOTAL						5,685.22
Bill Pmt -Check	08/24/2016	19630	LEGAL SHIELD	0111802	1012 · Bank of America Gen'l Ckg	
Bill	08/17/2016	0111802		Employee deductions - August 2016	60194 · Other Employee Insurance	79.70
TOTAL						79.70
Bill Pmt -Check	08/24/2016	19631	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
Bill	08/17/2016	1394905143		Fees for GASB-68 Reports & Schedules	60180 · Employers PERS Expense	1,300.00
TOTAL						1,300.00
Bill Pmt -Check	08/24/2016	19632	RR FRANCHISING, INC.	26934	1012 · Bank of America Gen'l Ckg	
Bill	08/17/2016	26934		Carpet cleaning on 7/23/16	6024 · Building Repair & Maintenance	600.00
TOTAL						600.00
Bill Pmt -Check	08/24/2016	19633	SPECIALIZED SERVICES OF SO CAL	1856	1012 · Bank of America Gen'l Ckg	
Bill	08/18/2016	1856		CPR/First Aid/AED Training for office staff	6192 · Seminars - General	280.00
TOTAL						280.00
Bill Pmt -Check	08/24/2016	19634	STAPLES BUSINESS ADVANTAGE	8040448618	1012 · Bank of America Gen'l Ckg	
Bill	08/17/2016	8040448618		Miscellaneous office supplies	6031.7 · Other Office Supplies	31.73
TOTAL						31.73
Bill Pmt -Check	08/24/2016	19635	STAULA, MARY L	Retiree Medical	1012 · Bank of America Gen'l Ckg	
Bill	08/31/2016				60182.4 · Retiree Medical	23.62
TOTAL						23.62
Bill Pmt -Check	08/24/2016	19636	VERIZON WIRELESS	9769798528	1012 · Bank of America Gen'l Ckg	
Bill	08/17/2016	9769798528			6022 · Telephone	245.84
TOTAL						245.84

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

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
General Journal	08/27/2016	08/27/2016	Payroll and Taxes for 08/14/16-08/27/16	Payroll and Taxes for 08/14/16-08/27/16	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 08/14/16-08/27/16	1012 · Bank of America Gen'l Ckg	22,742.81
				Payroll Taxes for 08/14/16-08/27/16	1012 · Bank of America Gen'l Ckg	9,528.59
				Payroll Checks for 08/14/16-08/27/16	1012 · Bank of America Gen'l Ckg	4,483.90
			ICMA-RC	457(b) Employee Deductions for 08/14/16-08/27/16	1012 · Bank of America Gen'l Ckg	3,639.27
			ICMA-RC	401(a) Employee Deductions for 08/14/16-08/27/16	1012 · Bank of America Gen'l Ckg	1,095.86
TOTAL						<u>41,490.43</u>
Bill Pmt -Check	08/30/2016	19637	EUROFINS EATON ANALYTICAL		1012 · Bank of America Gen'l Ckg	
Bill	07/31/2016	L0276607		L0276607	7108.4 · Hydraulic Control-Lab Svcs	1,592.00
Bill	07/31/2016	L0276606		L0276606	7108.4 · Hydraulic Control-Lab Svcs	440.00
Bill	08/11/2016	L0276762		L0276762	7103.5 · Grdwtr Qual-Lab Svcs	1,346.00
Bill	08/19/2016	L0277952		L0277952	7103.5 · Grdwtr Qual-Lab Svcs	1,476.00
Bill	08/19/2016	L0277661		L0277661	7103.5 · Grdwtr Qual-Lab Svcs	1,386.00
TOTAL						<u>6,240.00</u>
Bill Pmt -Check	08/30/2016	19638	GREAT AMERICA LEASING CORP.	19230486	1012 · Bank of America Gen'l Ckg	
Bill	08/22/2016	19230486		Invoice	6043.1 · Ricoh Lease Fee	3,285.30
TOTAL						<u>3,285.30</u>
Bill Pmt -Check	08/30/2016	19639	HARMONY PRESS	00-6183	1012 · Bank of America Gen'l Ckg	
Bill	08/09/2016	00-6183		Printing for 37th Annual Report	6045 · Printing	4,318.75
TOTAL						<u>4,318.75</u>
Bill Pmt -Check	08/30/2016	19640	LEVEL 3 COMMUNICATIONS	46085941	1012 · Bank of America Gen'l Ckg	
Bill	08/22/2016	46085941		8/17/16-9/16/16	6053 · Internet Expense	1,050.37
TOTAL						<u>1,050.37</u>
Bill Pmt -Check	08/30/2016	19641	RON SHELLEY'S AUTOMOTIVE	8863	1012 · Bank of America Gen'l Ckg	
Bill	08/22/2016	8863		Repair tire on F-150	6177 · Vehicle Repairs & Maintenance	18.24
TOTAL						<u>18.24</u>
Bill Pmt -Check	08/30/2016	19642	STANDARD INSURANCE CO.	Policy # 00-649299-0009	1012 · Bank of America Gen'l Ckg	
Bill	08/22/2016	006492990009		Policy # 00-649299-0009	60191 · Life & Disab.Ins Benefits	646.09
TOTAL						<u>646.09</u>
Bill Pmt -Check	08/30/2016	19643	STATE COMPENSATION INSURANCE FUND	1970970-16	1012 · Bank of America Gen'l Ckg	
Bill	09/01/2016	1970970-16		Premium for 8/26/16-9/26/16	60183 · Worker's Comp Insurance	910.00
TOTAL						<u>910.00</u>

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

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	08/30/2016	19644	VERIZON WIRELESS	9770275376	1012 · Bank of America Gen'l Ckg	
Bill	08/22/2016	9770275376		9770275376	7103.7 · Grdwtr Qual-Computer Svc	100.04
TOTAL						<u>100.04</u>
Bill Pmt -Check	08/30/2016	19645	VISION SERVICE PLAN	00-101789-0001	1012 · Bank of America Gen'l Ckg	
Bill	08/24/2016	001017890001		Vision Insurance Premium - September 2016	60182.2 · Dental & Vision Ins	85.60
TOTAL						<u>85.60</u>
General Journal	08/31/2016	08/31/2016	Wage Works FSA Direct Debits - August 2016	Wage Works FSA Direct Debits - August 2016	1012 · Bank of America Gen'l Ckg	
				Wage Works FSA Direct Debits - August 2016	1012 · Bank of America Gen'l Ckg	638.75
				Wage Works FSA Direct Debits - August 2016	1012 · Bank of America Gen'l Ckg	638.75
				Wage Works FSA Direct Debits - August 2016	1012 · Bank of America Gen'l Ckg	81.50
TOTAL						<u>1,359.00</u>
					<b>Total Disbursements:</b>	<u><u>434,972.43</u></u>

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# CHINO BASIN WATERMASTER

## IV. INFORMATION

2. Recharge Investigations and Projects Committee (RIPCom)

# Recharge Investigations and Projects

## Committee Meeting

### Agenda

**When:** Thursday, August 18, 2016 @ 9:30 a.m.

**Where:** Chino Basin Watermaster  
9641 San Bernardino Rd.  
Rancho Cucamonga, CA 91730

**Topics:**

1. Introductions
2. RMPU Financing Plan
  - a) Status updates
3. New/Old Projects consideration
  - a) Open forum for potential new projects
4. IEUA/CBWM joint projects
  - a) Status updates
    - i. 2013 RMPU PDR update
    - ii. Project cost considerations
  - b) Budget updates
5. RMPU Implementation updates
  - a) Sustainability projects
  - b) Contact with sand and gravel companies
  - c) AP New Yield and cost allocation agreement
  - d) Flood Control and water conservation agreement
  - e) Agreement with property owners
  - f) MS4

Next Meeting Date: Thursday, September 15, 2016 @ 9:30 A.M.

**RMPU Yield Enhancement Projects**  
**Engineer's Opinion of Probable Costs**

Project ID: 21  
 RP-3 Basin

Sample Draft Cost Estimate - Proposed PDR

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Item No.	Description	Quantity	Unit	Unit Price	Total	Total Cost <sup>1</sup>	Total Cost <sup>2</sup>	Total Cost <sup>1,2</sup>
1	MOBILIZATION (5% OF CONTRACT PRICE)	1	LS	\$73,341.68	\$73,342	\$73,342	\$77,808	\$77,808
2	WATER CONTROL AND DEWATERING	1	LS	\$14,668.34	\$14,668	\$14,668	\$15,562	\$15,562
3	TREATMENT PLANT DEMOLITION	9,000	SF	\$4.00	\$36,000	\$36,000	\$38,192	\$38,192
4	TREATMENT PLANT ABATEMENT	1	LS	\$45,000.00	\$45,000	\$45,000	\$47,741	\$47,741
5	CHANNEL DEMOLITION	1	LS	\$10,000.00	\$10,000	\$10,000	\$10,609	\$10,609
6	CLEAR AND GRUB	5	AC	\$1,500.00	\$7,500	\$7,500	\$7,957	\$7,957
7	EXCAVATION AND HAUL OFF-SITE (ALT. 2)	78,486	CY	\$14.00	\$1,098,804	\$109,880	\$1,165,721	\$116,572
9	FINISH GRADING	203,130	SF	\$0.15	\$30,470	\$30,470	\$32,325	\$32,325
10	15-FOOT WIDE ACCESS ROAD (6"AB)	256	LF	\$20.00	\$5,120	\$5,120	\$5,432	\$5,432
11	INLET STRUCTURE	1	EA	\$70,000.00	\$70,000	\$70,000	\$74,263	\$74,263
12	30-INCH SLUICE GATE	1	EA	\$30,000.00	\$30,000	\$30,000	\$31,827	\$31,827
13	30-INCH RCP	37	LF	\$140.00	\$5,180	\$5,180	\$5,495	\$5,495
14	OUTLET STRUCTURE	1	EA	\$15,000.00	\$15,000	\$15,000	\$15,914	\$15,914
15	RIP-RAP	44	TON	\$40.00	\$1,760	\$1,760	\$1,867	\$1,867
16	ELECTRICAL, INSTRUMENTATION AND CONTROLS	1	LS	\$112,000.00	\$112,000	\$112,000	\$118,821	\$118,821
<b>SUBTOTAL DIRECT CONSTRUCTION COSTS</b>					<b>\$1,554,844</b>	<b>\$565,920</b>	<b>\$1,649,533</b>	<b>\$600,384</b>
	CONTINGENCIES		15%		\$233,227	\$233,226.53	\$247,430.02	\$247,430
	CONSTRUCTION MANAGEMENT		15%		\$233,227	\$233,227	\$247,430.02	\$247,430
<b>TOTAL CONSTRUCTION COSTS</b>					<b>\$2,021,297</b>	<b>\$1,032,373</b>	<b>\$2,144,394</b>	<b>\$1,095,244</b>
	ENGINEERING AND ADMINISTRATION COSTS		15%		\$303,194	\$303,194	\$321,659.03	\$321,659
<b>TOTAL ESTIMATED PROJECT COST</b>					<b>\$2,324,491</b>	<b>\$1,335,567</b>	<b>\$2,466,053</b>	<b>\$1,416,904</b>
<b>ANNUAL COST - 30 YEARS @ 5% INTEREST</b>					<b>\$151,211</b>	<b>\$86,881</b>	<b>\$160,420</b>	<b>\$92,172</b>

Note: <sup>1</sup> The capital cost shown assumes that the project's excavation costs would be reduced by 90%. The material excavated can be used for another construction site or leased to a Sand and Gravel Operator.

<sup>2</sup> The total estimated project cost is in 2016 dollars. Assuming 3% inflation the total estimated project cost in 2018 dollars is:

Recharge Investigation and Projects Committee, PAGE 1 OF 2

[1A] [1B] [1C] [1D] [1E] [1F] [1G] [1H] [1I] [1J] [1K] [1L] [1M] [1N] [1O] [1P] [1Q]

Project Name	Project Status	Anticipated (Or Actual) Project Completion Date	Project Cost To Date	TOTAL PROJECT BUDGET			PERCENT COST SHARE		LIFETIME OF PROJECT BUDGET ALLOCATION			IEUA PROJECT COSTS		CBWM PROJECT COSTS		
				Original Budget	Proposed Revised Budget	Approved Revised Budget	IEUA	CBWM	Grant Funding	IEUA	CBWM	Actual Cost To Date	Remaining Balance Available (Based on Project Budget)	Actual Share (Based on Actual Cost To Date)	Invoices Paid To Date	Remaining Balance Available (Based on Project Budget)
<b>Pre-RMPU Ongoing Projects</b>																
GWR SCADA Upgrades (Task No. 4) <sup>3</sup>	Construction	2/14/2017	\$ 232,237	\$ 892,000	\$ -	\$ 892,000	50%	50%	\$ 139,650	\$ 376,175	\$ 421,875	\$ 97,939	\$ 278,236	\$ 97,939	\$ 103,857	\$ 318,018
COMMUNICATION Upgrades (Task No. 3)	Completed	2/12/2016	\$ 1,227,096	\$ 1,245,000	\$ 1,227,096	\$ 1,227,096	50%	50%	\$ 192,850	\$ 517,123	\$ 517,123	\$ 517,123	\$ -	\$ 517,123	\$ 526,075	\$ (8,952)
CB20 Noise Mitigation (CBFIP Phase II Agreement)	Completed	2/17/2016	\$ 158,280	\$ 160,000	\$ -	\$ 160,000	50%	50%	\$ -	\$ 80,000	\$ 80,000	\$ 79,140	\$ 860	\$ 79,140	\$ 79,140	\$ 860
Upper Santa Ana River Habitat Conservation Plan (Task No. 7)	Evaluation	6/30/2017	\$ 84,326	\$ 160,000	\$ -	\$ 160,000	50%	50%	\$ -	\$ 80,000	\$ 80,000	\$ 42,163	\$ 37,837	\$ 42,163	\$ 42,163	\$ 37,837
East Decler Basin (1st Amendment - Task No. 1)	Canceled	4/7/2016	\$ 112,507	\$ -	\$ -	\$ 3,665,000 *	-	100%	\$ -	\$ -	\$ 114,000	\$ -	\$ -	\$ 112,507	\$ -	\$ 114,000
<b>SUBTOTAL PRE-RMPU PROJECTS</b>	---	---	<b>\$ 1,814,446</b>	<b>\$ 2,457,000</b>	<b>\$ 1,227,096</b>	<b>\$ 6,104,096</b>	---	---	<b>\$ 332,500</b>	<b>\$ 1,053,298</b>	<b>\$ 1,212,998</b>	<b>\$ 736,365</b>	<b>\$ 316,933</b>	<b>\$ 848,872</b>	<b>\$ 751,235</b>	<b>\$ 461,763</b>
<b>RMPU Projects</b>																
San Sevaine Improvements (Task No. 8)	Design	12/28/2017	\$ 529,286	\$ 2,500,000	\$ -	\$ 6,460,000	50%	50%	\$ 1,125,000	\$ 2,667,500	\$ 2,667,500	\$ 218,556	\$ 2,448,944	\$ 218,556	\$ 241,317	\$ 2,426,183
2013 RMPU Amendment Yield Enhancement Projects (Task No. 1)	Pre-Design	10/13/2017	\$ 432,341	\$ 8,122,500	\$ -	\$ 3,825,500 **	7%	93%	\$ -	\$ 250,250	\$ 3,575,250	\$ 28,282	\$ 221,968	\$ 404,059	\$ 102,480	\$ 3,472,770
Lower Day Basin RMPU Improvement Project (Task No. 2)	Pre-Design	7/26/2018	\$ 209,464	\$ 2,480,000	\$ -	\$ 2,480,000	0%	100%	\$ 1,125,000	\$ -	\$ 1,355,000	\$ -	\$ -	\$ 114,445	\$ 186,301	\$ 1,168,699
2013 RMPU Amendment Yield Enhancement Projects Construction	Pending - Note <sup>1</sup>	6/30/2020	\$ -	\$ -	\$ 38,622,500	\$ -	0%	100%	\$ -	\$ -	\$ 38,622,500	\$ -	\$ -	\$ -	\$ -	\$ 38,622,500
2013 RMPU Amendment - Victoria Basin Construction	Pending - Note <sup>2</sup>	6/30/2019	\$ -	\$ -	\$ 130,000	\$ -	50%	50%	\$ -	\$ 65,000	\$ 65,000	\$ -	\$ 65,000	\$ -	\$ -	\$ 65,000
2013 RMPU Amendment - RP-3 Construction	Pending - Note <sup>2</sup>	6/30/2020	\$ -	\$ -	\$ 3,300,000	\$ -	50%	50%	\$ -	\$ 1,650,000	\$ 1,650,000	\$ -	\$ 1,650,000	\$ -	\$ -	\$ 1,650,000
<b>SUBTOTAL RMPU PROJECTS</b>	---	---	<b>\$ 1,171,091</b>	<b>\$ 13,102,500</b>	<b>\$ 42,052,500</b>	<b>\$ 12,765,500</b>	---	---	<b>\$ 2,250,000</b>	<b>\$ 4,632,750</b>	<b>\$ 47,935,250</b>	<b>\$ 246,838</b>	<b>\$ 4,385,912</b>	<b>\$ 737,060</b>	<b>\$ 530,098</b>	<b>\$ 47,405,152</b>
<b>GRAND TOTALS</b>	---	---	<b>\$ 2,985,537</b>	<b>\$ 15,559,500</b>	<b>\$ 43,279,596</b>	<b>\$ 18,869,596</b>	---	---	<b>\$ 2,582,500</b>	<b>\$ 5,686,048</b>	<b>\$ 49,148,248</b>	<b>\$ 983,203</b>	<b>\$ 4,702,845</b>	<b>\$ 1,585,932</b>	<b>\$ 1,281,333</b>	<b>\$ 47,866,915</b>

Updated: 8/11/2016

NOTES:  
 \* The total design cost of \$3,665,000 is part of the total approved budget as stated within the First Amendment to Task Order No. 1. Second Amendment to Task Order No. 1 eliminated the East Decler Project of \$3,665,000 and adds \$114,000 due from CBWM for feasibility study.  
 \*\* The total design cost of \$3,825,500 is a part of the total approved budget as stated within the first amendment to Task Order No. 1. Second Amendment to Task Order No. 1 (\$3,825,500 + \$114,000 = \$3,939,500).  
<sup>1</sup> Pending project awaiting evaluation by IEUA. Project has not been funded by an approved Task Order or approved by the Watermaster Board. 100% of construction costs are allocated to Watermaster.  
<sup>2</sup> Project(s) are under review by IEUA. Projects have not been funded by an approved Task Order or approved by the Watermaster Board. Project construction costs are allocated 50% to IEUA and 50% to Watermaster.  
<sup>3</sup> Watermaster Board approved an additional amount of \$45,700 (50% of the anticipated additional costs of \$91,400) on November 25, 2014 for the Programmable Logic Controller (PLC) replacements at the five Rubber Dam/Basin systems.

Recharge Investigation and Projects Committee, PAGE 2 OF 2

[2A] [2B] [2C] [2D] [2E] [2F] [2G] [2H] [2I] [2J] [2K] [2L] [2M] [2N] [2O]

Project Name	CBWM Fiscal Year 2016/17										CBWM Future Years				
	CURRENT YEAR CBWM BUDGET				CURRENT YEAR CBWM ACTUALS						CBWM FUTURE BUDGET NEEDS				
	Budget Carry-Over	Approved Budget	Budget Amendments/ Transfers	Total Fiscal Year Budget	Actual to Date (Including Paid & Outstanding Invoices)	Remaining Balance Available	Completed Projects With Available Funds To Be Distributed <sup>1</sup>	CBWM Remaining Projected Costs	Budget Amendment Required? (Yes/No)	Projected CarryOver Funds FY 2017/18	Fiscal Year 2017/18	Fiscal Year 2018/19	Fiscal Year 2019/20	Fiscal Year 2020/21	
<b>Pre RMPU Ongoing Projects</b>															
GWR SCADA Upgrades (7690.61) (Task No. 4)	\$ 318,018	\$ -	\$ -	\$ 318,018	\$ -	\$ 318,018	\$ -	\$ 318,018	No	\$ -	\$ -	\$ -	\$ -	\$ -	
COMMUNICATION Upgrades (7690.62) (Task No. 3)	\$ (8,952)	\$ -	\$ -	\$ (8,952)	\$ -	\$ (8,952)	\$ -	\$ (8,952)	No	\$ -	\$ -	\$ -	\$ -	\$ -	
CB20 Noise Mitigation (7690.5) <b>COMPLETED</b>	\$ 860	\$ -	\$ -	\$ 860	\$ -	\$ 860	\$ -	\$ 860	No	\$ -	\$ -	\$ -	\$ -	\$ -	
Upper Santa Ana River Habitat Conservation Plan (7690.7) (Task No. 7)	\$ 37,837	\$ -	\$ -	\$ 37,837	\$ -	\$ 37,837	\$ -	\$ 37,837	No	\$ -	\$ -	\$ -	\$ -	\$ -	
East Declerz Basin (1st Amendment - Task No. 1)	\$ -	\$ 114,000	\$ -	\$ 114,000	\$ -	\$ 114,000	\$ -	\$ 114,000	No	\$ -	\$ -	\$ -	\$ -	\$ -	
Wineville Proof of Concept (7209.2) (Task No. 6) <b>COMPLETED</b>	\$ 35,398	\$ -	\$ -	\$ 35,398	\$ -	\$ -	\$ 35,398	\$ -	No	\$ -	\$ -	\$ -	\$ -	\$ -	
Jurupa Pump Station (7209.1) (Task No. 5) <b>COMPLETED</b>	\$ 37,981	\$ -	\$ -	\$ 37,981	\$ -	\$ -	\$ 37,981	\$ -	No	\$ -	\$ -	\$ -	\$ -	\$ -	
Hickory Basin (7690.3) <b>COMPLETED</b>	\$ 3,877	\$ -	\$ -	\$ 3,877	\$ -	\$ -	\$ 3,877	\$ -	No	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>SUBTOTAL PRE-RMPU PROJECTS</b>	\$ 425,019	\$ 114,000	\$ -	\$ 539,019	\$ -	\$ 461,763	\$ 77,256	\$ 461,763	No	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>RMPU Projects</b>															
San Sevaine Improvements (7690.4) (Task No. 8)	\$ 1,360,583	\$ 1,065,600	\$ -	\$ 2,426,183	\$ -	\$ 2,426,183	\$ -	\$ 2,426,183	No	\$ -	\$ -	\$ -	\$ -	\$ -	
2013 RMPU Amendment Yield Enhancement Projects (7690.15) (Task No. 1)	\$ 467,270	\$ 1,550,000	\$ -	\$ 2,017,270	\$ -	\$ 2,017,270	\$ -	\$ 3,472,770	Yes	\$ -	\$ 1,455,500	\$ -	\$ -	\$ -	
Lower Day Basin RMPU Improvement Project (7690.8) (Task No. 2)	\$ 2,699	\$ 140,000	\$ -	\$ 142,699	\$ -	\$ 142,699	\$ -	\$ 1,168,699	Yes	\$ -	\$ 1,026,000	\$ -	\$ -	\$ -	
2013 RMPU Amendment Yield Enhancement Projects Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 38,622,500	Yes	\$ -	\$ 8,300,000	\$ 22,022,500	\$ 8,300,000	\$ -	
Victoria Basin Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 65,000	Yes	\$ -	\$ 32,500	\$ 32,500	\$ -	\$ -	
RP-3 Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,650,000	Yes	\$ -	\$ 325,000	\$ 825,000	\$ 500,000	\$ -	
<b>SUBTOTAL RMPU PROJECTS</b>	\$ 1,830,552	\$ 2,755,600	\$ -	\$ 4,586,152	\$ -	\$ 4,586,152	\$ -	\$ 47,405,152	---	\$ -	\$ 11,139,000	\$ 22,880,000	\$ 8,800,000	\$ -	
<b>GRAND TOTALS</b>	\$ 2,255,571	\$ 2,869,600	\$ -	\$ 5,125,171	\$ -	\$ 5,047,915	\$ 77,256	\$ 47,866,915	---	\$ -	\$ 11,139,000	\$ 22,880,000	\$ 8,800,000	\$ -	

NOTES:

<sup>1</sup> \$77,256 of the Carry-Over funds could be (1) allocated to other projects; (2) kept in reserve; or (3) refunded to the Appropriators on the next Assessment. Wineville Project of \$35,398; Jurupa Pump Station of \$37,981; and Hickory Basin of \$3,877 = \$77,256.

Updated: 8/11/2016

# Non-RMPU Ongoing Projects



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**GWR AND RW SCADA UPGRADES  
PROJECT NO. EN14047  
STATUS UPDATE: August 1, 2016**

During Inland Empire Utilities Agency’s asset review of the existing Supervisory Control & Data Acquisition (SCADA) system, a thorough and comprehensive evaluation of the recycled water and groundwater recharge control system was conducted. A Master Plan was developed; and it recommended critical upgrades to the RW and GWR SCADA systems. The purpose of this project is to provide control system improvements to sustain and support the continued growth of the RW and GWR programs. Under this project, five recharge basins which operate a rubber dam system will be replaced with newer, reliable and fully supported programmable logic controllers (PLCs). The current PLCs are outdated and lack critical product and technical support. The upgrade will extend the site’s reliability by 10 years and provide the initial development model when transitioning other sites to newer controllers.

**Schedule:**

	<u>Project Budget</u>	<u>Actual Cost to Date</u>			
	\$892,000	\$232,237			
<u>Phase</u>	<u>Start</u>	<u>Finish</u>	<u>Status</u>	<u>Projected Cost</u>	<u>Actual Cost</u>
Project Development	11/11/11	02/24/14	Completed	\$450	\$422
Design	02/26/14	01/15/16	Completed	\$192,312	\$186,512
Permits	09/12/14	01/15/16	Completed	\$50	\$42
Bid and Award	01/18/16	04/20/16	Completed	\$4,000	\$3,461
Construction	04/21/16	02/14/17	In Progress	\$413,678	\$41,800
				<hr/>	
				\$610,490	\$232,237

**Grant/Loan Update:**

Awarded a \$139,650 grant and a 1% interest 30-year loan at \$740,145 from the Santa Ana Project Water Authority and Clean Water State Revolving Fund loan program respectively.

**Cost Sharing Document:** Task Order No. 4 of the Master Agreement of 2014

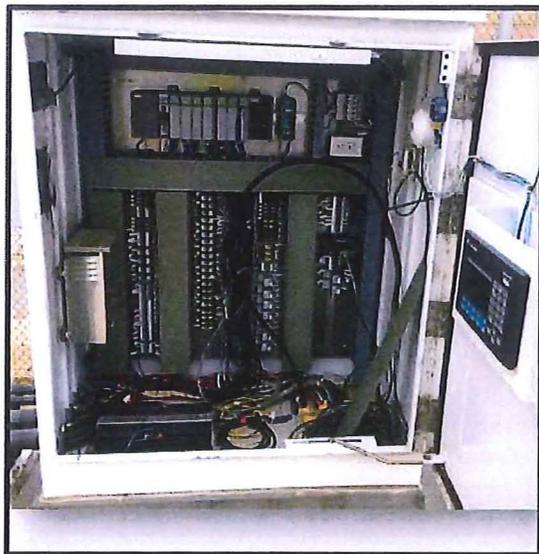
**Project Update:**

IEUA awarded the construction contract to Trimax Systems, Inc. on April 20, 2016. Since then, a pre-construction meeting was held on May 10 to kick-off the construction and the first Programming Workshop was held on June 8. Between August and September, the Second Programming Workshop is scheduled. Equipment installation and programming is scheduled to occur in October 2016. The project is scheduled for completion in February 2017.

**Project Photos:**



San Sevaine Turnout control panel



Turner Basin control panel



**FINAL UPDATE**

**COMMUNICATION UPGRADES  
PROJECT NO. EN12019  
STATUS UPDATE: August 1, 2016**

This project will transition the communication equipment within the remote GWR and RW sites (totaling over 20 sites) onto the new, faster and more reliable communication network. The upgrade will replace the radio equipment for each site and add several new communication towers to send all communication onto the Agency’s new 18GHz Motorola network back-haul. The Communication System Upgrades Project proposes to upgrade all GWR remote sites to the new communication radio systems. Each site will be equipped with new antennas and radios. The proposed plan to include new towers at select sites will be deferred and planned for later capital projects because these sites do not require immediate remote communication and control.

**Schedule:**

Project Budget                      Actual Cost to Date  
\$1,245,000                              \$1,227,096

<u>Phase</u>	<u>Start</u>	<u>Finish</u>	<u>Status</u>	<u>Projected Cost</u>	<u>Actual Cost</u>
Project Development	11/11/11	01/17/14	Completed	\$5,771	\$5,771
Pre-Design	01/20/14	11/27/14	Completed	\$130,000	\$130,000
RFP/Solicitation	11/30/14	03/18/15	Completed	\$44,000	\$44,000
Design/Construction	03/19/15	02/12/16	Completed	\$1,065,229	\$1,047,325
				<u>\$1,245,000</u>	<u>\$1,227,096</u>

**Grant/Loan Update:**

Awarded a \$192,850 grant and a 1% interest 30-year loan at \$1,022,105 from the Clean Water State Revolving Fund loan program, as part of the Proposition 50 grant program, and a Department of Water Resources Proposition 84 grant program through The Santa Ana Project Water Authority.

**Cost Sharing Document:** Task Order No. 3 of the Master Agreement of 2014

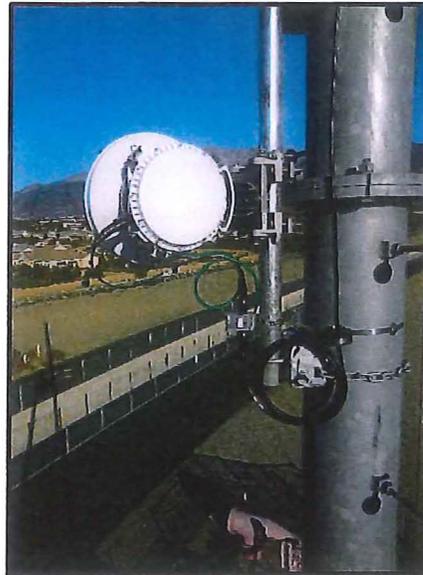
**Project Update:**

Design/Construction efforts are fully completed. The new equipment is installed and in use. The project is officially closed. All costs were finalized at \$1,227,096. Watermaster paid its full share. No further updates will be provided after this notice.

**Project Photos:**



6B Tower – New Receiving Dishes



San Sevaine Basin – New Radio Dish



**FINAL UPDATE**

**CB20 NOISE MITIGATION  
PROJECT NO. EN14038  
STATUS UPDATE: August 1, 2016**

In 2010, a recharge basin turnout structure was constructed within the Metropolitan Water District's right-of-way in the residential area of the City of Upland. The turnout was to provide immediate access to available raw water for the purpose of groundwater storage. Current sound studies reveal the facility generates noise levels above the allowable limits permitted by Upland's Ordinances. As a public service effort, IEUA and Chino Basin Watermaster initiated a capital project to design and build a sound enclosure by a qualified sound specialist. The objective is to maintain compliance with City Ordinance and reduce the impact of noise to nearby residents.

**Schedule:**

	<u>Project Budget</u>		<u>Actual Cost to Date</u>		
	\$160,000		\$158,280		
<u>Phase</u>	<u>Start</u>	<u>Finish</u>	<u>Status</u>	<u>Projected Cost</u>	<u>Actual Cost</u>
Project Development	09/25/13	01/23/14	Completed	\$200	\$182
Design	01/24/14	11/26/14	Completed	\$29,000	\$28,850
Construction	11/30/14	02/17/16	Completed	\$130,800	\$129,248
				<u>\$160,000</u>	<u>\$158,280</u>

**Cost Sharing Document:** CBFIP, Phase II Cost Sharing Agreement of 2006

**Project Update:**

The installation of the sound enclosure is fully completed. The new equipment was tested and confirmed to meet project specifications. The project is closed. The final project cost is \$158,280. Watermaster paid \$71,140. A final Watermaster invoice of \$7,346 was sent to Watermaster to complete the cost share. This closes the project. There will be no further status updates.

**Project Photo:**



Completed installation of sound enclosure (facing south)



**UPPER SANTA ANA RIVER WATERSHED HABITAT CONSERVATION PLAN  
PROJECT NO. RW15002  
STATUS UPDATE: August 1, 2016**

The purpose of the Habitat Conservation Plan (HCP) is to investigate and develop a plan to offset the biological impact of future water and recharge improvement projects in the Chino Basin area that have the potential to affect federally-listed endangered, threatened or special status species. This project will be a part of a regional plan with other proposed projects within the Upper Santa Ana River Region. The goal of the project is to identify, in advance, sites that may require biological offset/mitigation and avoid permitting delays on future RMPU projects or other identified recharge improvement projects.

**Schedule:**

<u>Project Budget</u>	<u>Actual Cost to Date</u>
\$160,000	\$84,326

<u>Phase</u>	<u>Start</u>	<u>Finish</u>	<u>Status</u>	<u>Projected Cost</u>	<u>Actual Cost</u>
Investigate/Plan	07/01/14	06/30/17	Completed	\$160,000	\$84,326
				<hr/> \$160,000	<hr/> \$84,326

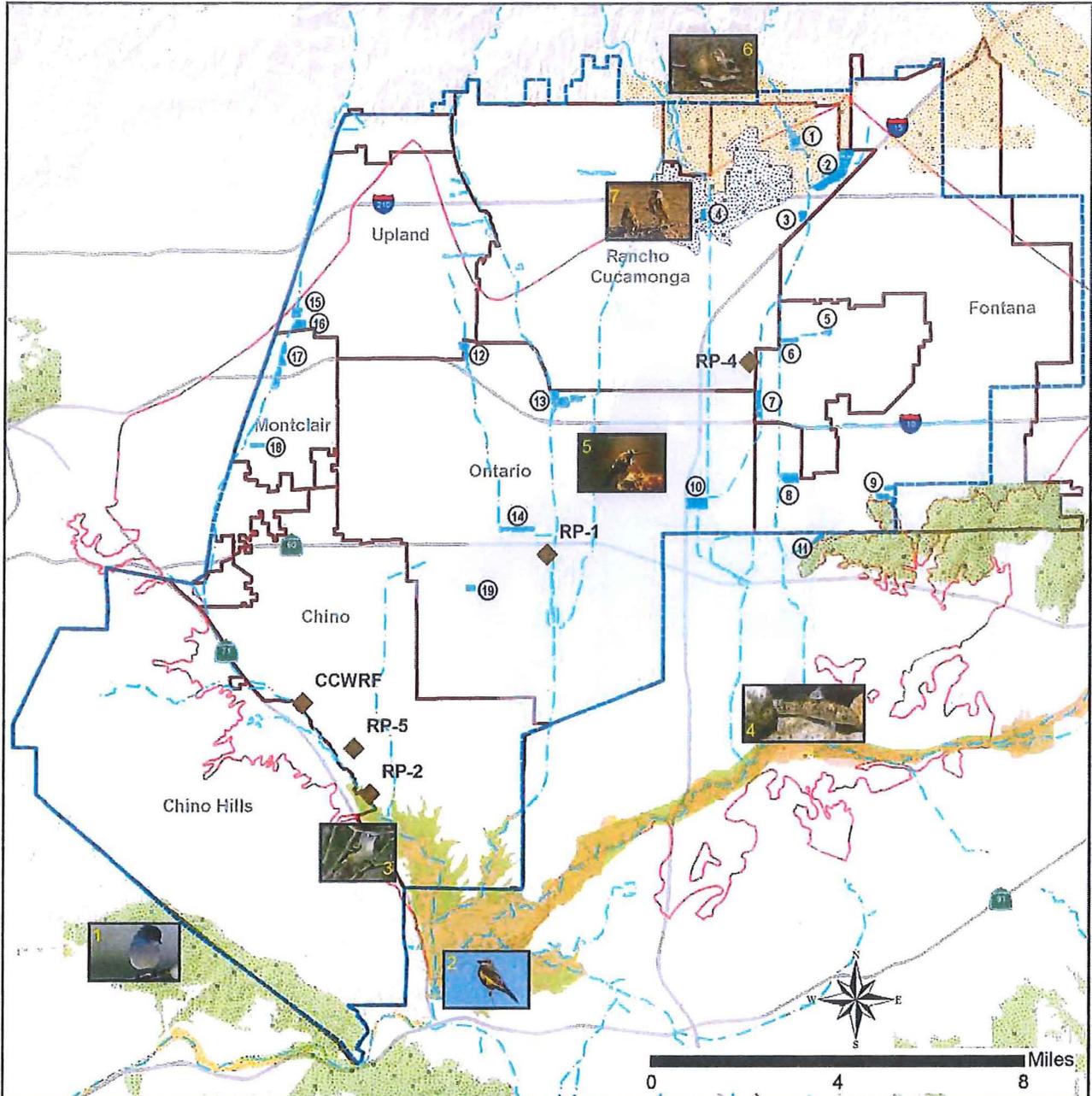
**Cost Sharing Document:** Task Order No. 7 of the Master Agreement of 2014

**Project Update:**

The HCP team has completed mapping and GIS data gathering. The hydraulic impact modeling is in progress. The following table was an initial list of RMPU projects that was a part of the study/ However, IEUA recently confirmed that all existing recharge basins and RMPU projects will be evaluated under this study as well. This additional work is not expected to impact the total budget.

<u>RMPU Projects</u>	<u>Location</u>	<u>Potential Species</u>
PID - 19a	Wineville Basin	DSF
PID - 12	Lower Day Basin	SBKR,CAGN,BUOW
PID - 7	San Sevaine Basins (1-5)	SBKR
PID - 11	Victoria Basin	SBKR
PID - 2	Montclair Basins (1-3)	CAGN

*DSF=Delhi Sands Flower-Loving Fly; SBKR=Merriam's San Bernardino Kangaroo Rat; CAGN=California Gnatcatcher; BUOW=Burrowing Owl*



Legend		Endangered Species Habitat Ranges		Recharge Basins	
	Regional Plants		1. California Gnatcatcher		Etiwanda Debris Basin - (SBCFCD)
	Rivers/Channels		2. Southwestern Willow Flycatcher		San Sevaine Basins - (SBCFCD)
	CBWM Service Area		3. Least Bell's Vireo		Victoria Basin - (SBCFCD)
	IEUA Service Area		4. Santa Ana Sucker		Lower Day Basin - (SBCFCD)
	Cities Boundary		5. Delhi Sands Flower-Loving Fly		Banana Basin - (SBCFCD)
	Freeways		6. Merriam's San Bernardino Kangaroo Rat		Hickory Basin - (SBCFCD)
			7. Borrowing Owl		Etiwanda Conservation Basins - (SCE)
					Jurupa Basin - (SBCFCD)
					RP-3 Basin - (IEUA)
					Wineville Basin - (SBCFCD)
					Decluz Basin - (SBCFCD)
					8th Street Basin - (SBCFCD)
					Turner Basins - (SBCFCD/CBWCD)
					Ely Basins 1,2 and 3 - (SBCFCD/CBWCD)
					College Heights Basins - (CBWCD)
					Upland Basin - (Upland)
					Montclair Basins - (CBWCD)
					Brooks Street Basins - (CBWCD)
					Grove Basin - (SBCFCD)



**EAST DECLEZ BASIN IMPROVEMENTS  
PROJECT NO. RW15003.01  
STATUS UPDATE: August 1, 2016**

In 2014 Watermaster members proposed the utilization of the available land east of the existing Declez Basins. This project proposes to expand the Declez Recharge Facility with an added basin. It also includes upstream improvements to divert and convey additional stormwater to the new basin. The potential increase in recharge capacity is 913 acre-feet per year. Project improvements include the following:

- Excavating and hauling offsite over 1,030,000 cubic yards of soil material to develop the new east basin.
- Constructing a diversion structure from the Declez Channel into the new basin with approximately 2,700 linear feet of new piping.
- Constructing a new spillway structure and outlet between the new and existing basins.
- Constructing a rubber dam system to divert flow from the San Sevaine Channel into the Jurupa Basin. The Jurupa Basin will act as a flow through basin to Declez Basin.
- Increasing the flow capacity to over 100cfs on an existing pump station within Jurupa Basin.
- Construct approximately 2,800 linear feet of new conveyance piping from Jurupa to the Declez Channel.

**Schedule:**

<u>Project Budget</u>	<u>Actual Cost to Date</u>
\$3,665,000	\$112,507

<u>Soft Cost Phases</u>	<u>Start</u>	<u>Finish</u>	<u>Status</u>	<u>Projected Cost</u>	<u>Actual Cost</u>
Project Development	07/01/15	07/21/15	Completed	\$26,000	-
Pre-Environmental	07/22/15	02/01/16	Completed	\$11,000	2,932
Feasibility Study (PDR)	07/22/15	02/19/16	Completed	\$103,000	\$99,574
Preliminary Design	02/20/16	08/29/16	Canceled	\$511,000	-
Land Acquisition	11/18/15	05/17/16	Canceled	-	\$10,001*
Environmental	02/02/16	08/29/16	Canceled	\$197,000	-
Design	08/30/16	12/29/17	Canceled	\$2,542,000	-
Permits	08/30/16	12/29/17	Canceled	\$275,000	-
				\$3,665,000	\$112,507

\*The refundable deposit on the property hold, minus processing fees, has been refunded.

**Cost Sharing Documents:**

- Task Order No. 1 of the Master Agreement of 2014 (Aug, 2014)
- 1<sup>st</sup>Amendment Task Order No. 1 of the Master Agreement of 2014 (April, 2015)
- 2<sup>nd</sup> Amendment Task Order No. 1 of the Master Agreement of 2014 (June, 2016)

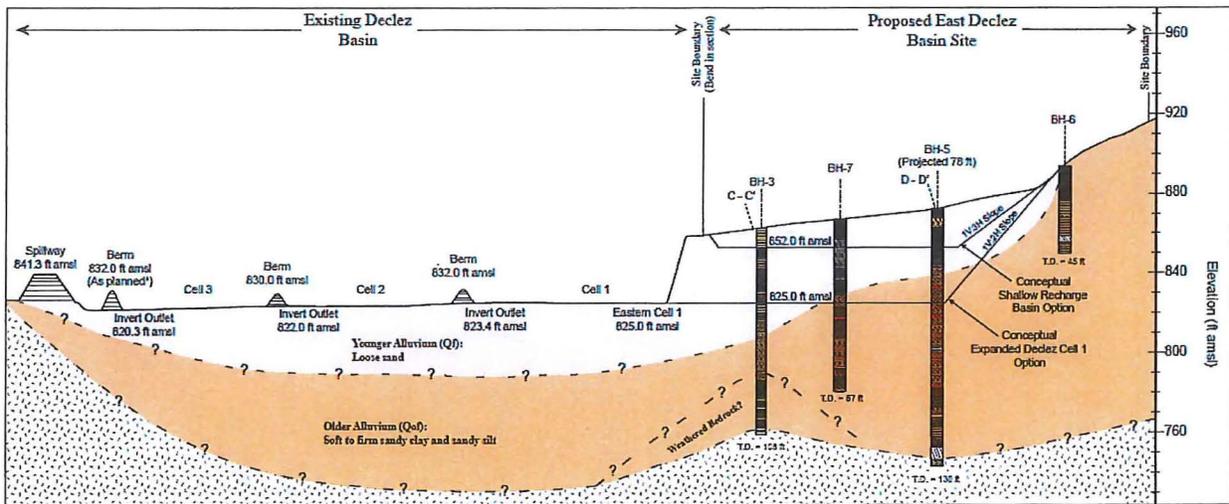
**Project Update:**

On April 7<sup>th</sup>, 2016 CBWM’s Appropriative Pool decided not pursue the proposed project and terminate further actions to purchase the East Declez property. All future project tasks were cancelled.

All project expenses related to feasibility and preliminary environmental efforts which include labor, consulting contracts, and escrow service fees are finalized at \$112,507. Watermaster was sent a reimbursement invoice in the amount of \$109,982.49. The final reimbursement for the remaining balance will follow after accounting confirms the expense.

Task Order No.1 of the Master Cost Sharing Agreement was amended and executed in June. The amendment removes the remaining East Declez scope and budget from the agreement while retaining the East Declez efforts on the feasibility study and preliminary environmental review.

**Project Photo:**



Profile of the proposed East Declez with bore hole testing locations

# RMPU PROJECTS



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**Draft Table 8-2c**  
**Updated as of April 18, 2016**  
**Ranked Yield Enhancement Projects - PIDs 25 and 17a Excluded and PID 7 Updated**

Project ID	Project	Yield	Recycled Water	Storm Water Recharge Unit Cost to CBWM Parties	Capital Cost to CBWM Parties	Total Annual Cost to CBMW Parties
<b>Recommended MZ3 Projects<sup>1</sup></b>						
18a	CSI Storm Water Basin	81	0	\$ 388	\$ 440,000	\$ 31,612
23a	2013 Proposed RP3 Improvements <sup>2</sup> 2013 RMPU Proposed Wineville PS to Jurupa, Expanded Jurupa PS to RP3 Basin <sup>2</sup>	3,166	2,905	\$ 498	\$ 1,855,000 \$ 17,600,000	\$ 432,014 \$ 1,144,900
27	Declez Basin	241	0	\$ 1,135	\$ 4,070,000	\$ 273,720
<b>Total MZ3</b>		<b>3,489</b>	<b>2,905</b>	<b>\$ 540</b>	<b>\$ 23,965,000</b>	<b>\$ 1,882,246</b>
<b>Recommended MZ2 Projects<sup>3</sup></b>						
11	Victoria Basin <sup>4</sup>	43	120	\$ 151	\$ 75,000	\$ 6,484
7	San Sevaine Basins <sup>5</sup>	642	4,100	\$ 389	\$ 3,230,000	\$ 249,895
12	Lower Day Basin (2010 RMPU)	789	0	\$ 242	\$ 2,480,000	\$ 190,482
14	Turner Basin	66	0	\$ 916	\$ 890,000	\$ 60,338
15a	Ely Basin	221	0	\$ 981	\$ 3,200,000	\$ 216,362
<b>Total MZ2</b>		<b>1,760</b>	<b>4,220</b>	<b>\$ 411</b>	<b>\$ 9,875,000</b>	<b>\$ 723,561</b>
<b>Recommended MZ1 Projects</b>						
2	Montclair Basins	248	0	\$ 415	\$ 1,440,000	\$ 102,876
<b>Total MZ1</b>		<b>248</b>	<b>0</b>	<b>\$ 415</b>	<b>\$ 1,440,000</b>	<b>\$ 102,876</b>
<b>Total Recommended Projects</b>		<b>5,497</b>	<b>7,125</b>	<b>\$ 493</b>	<b>\$ 35,280,000</b>	<b>\$ 2,708,683</b>

1. PID 25a (Sierra Basin) was deleted from the recommended project list.
2. PID23a (2013 RMPU Proposed Wineville PS to Jurupa, Expanded Jurupa PS to RP3 Basin, and 2013 Proposed RP3 Improvements) was updated to specify the parts of the project shared between IEUA and CBWM. Total Capital Cost of PID 23a is about \$21,300,000.
3. PID 17a (Lower San Sevaine Basin) was deleted from recommended project list.
4. PID 11's total capital cost is about \$150,000.
5. PID 7 (San Sevaine Basins) project cost was updated based on the recently completed preliminary design report. Total capital cost for this project is about \$6,460,000.

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**SAN SEVAINE IMPROVEMENTS PROJECT**  
**PROJECT NO. EN13001**  
**STATUS UPDATE: August 1, 2016**

As part of the 2013 Amendment to the 2010 Recharge Master Plan Update (RMPU), this Project will evaluate, design, and construct basin improvements needed to maximize infiltration and recharge capture at the San Sevaire Basins. The final recommendation from the preliminary development report proposes to implement: (1) a new stormwater / recycled water pump station in Basin 5, (2) directly tie into an existing RW pipeline, (3) place new pipelines and headwalls into Basins 1, 2, and 3, and (4) install monitoring wells and lysimeters. The proposed improvements will add 642 acre-feet per year of stormwater and 4,100 acre-feet per year of recycled water for groundwater recharge.

**Schedule:**

<u>Project Budget</u>	<u>Actual Cost to Date</u>
\$6,460,000	\$529,286

<u>Phase</u>	<u>Start</u>	<u>Finish</u>	<u>Status</u>	<u>Projected Cost</u>	<u>Actual Cost</u>
Pre-design	10/01/12	05/14/15	Completed	\$160,000	\$159,833
Environmental Impact	06/26/13	01/20/16	Completed	\$30,000	\$24,218
Design	05/15/15	08/26/16	In Progress	\$400,000	\$320,235
Permits	05/15/13	12/12/16	In Progress	\$25,000	\$25,000
Bid and Award	12/13/16	03/15/17	Not Started	\$5,000	-
Construction	03/16/17	04/20/18	Not Started	\$5,840,000	-
				\$6,460,000	\$529,286

**Grant/Loan Update:**

Awarded a \$750,000 state grant from the Department of Water Resources through the Santa Ana Watershed Project Authority as part of Proposition 84 and a \$375,000 federal grant from the US Bureau of Reclamation.

**Cost Sharing Document:**

- Task Order No. 8 of the Master Agreement of 2014 (August, 2014)
- 1<sup>st</sup> Amendment Task Order No. 8 of the Master Agreement of 2014 (April, 2015)

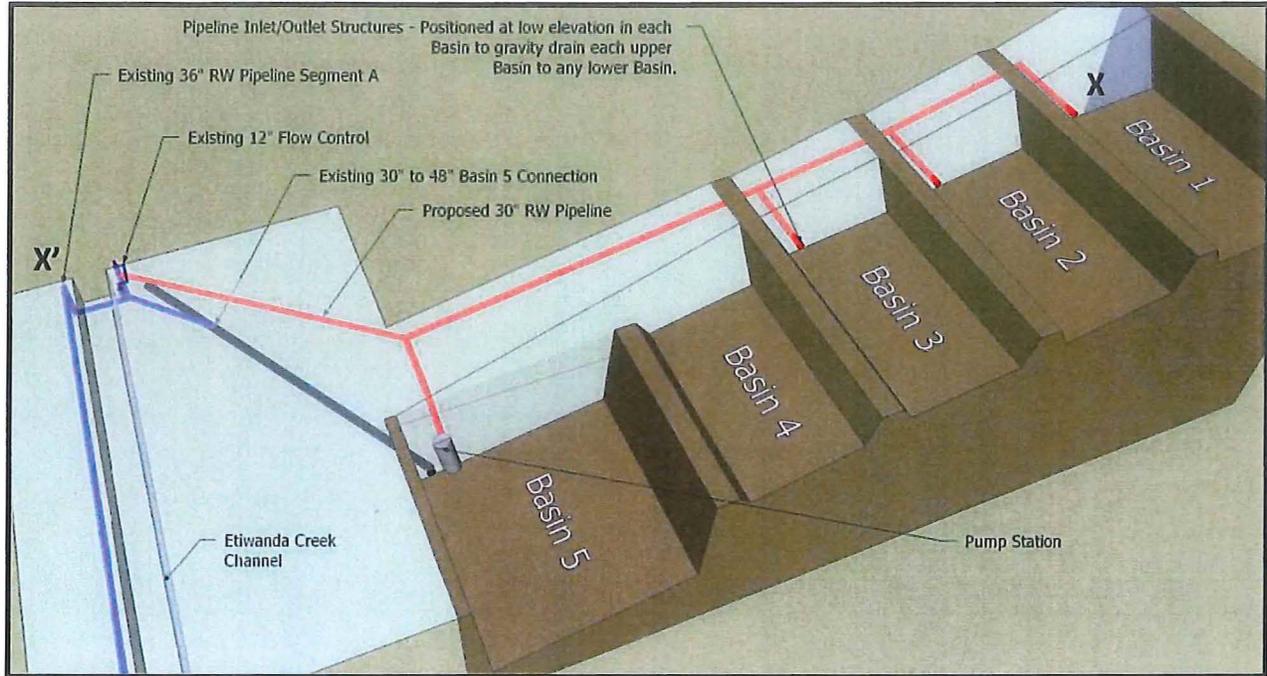
**Project Update:**

The permitting phase is expected to be extended by 90-100 days to allow for additional efforts to request new certification/agreement with the Department of Fish and Wildlife, Army Corps, and State Water Quality Control Board to permit the improvement at San Sevaire. The above regulators recently confirmed that existing certifications/agreements are not consistent with

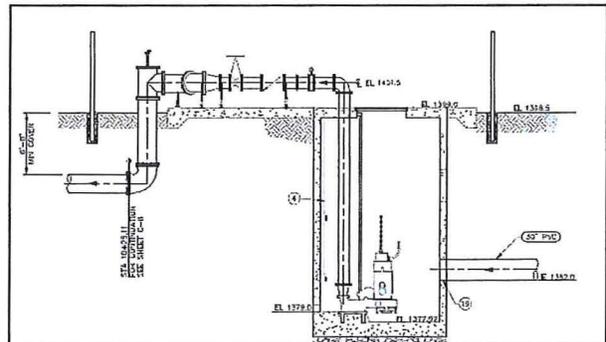
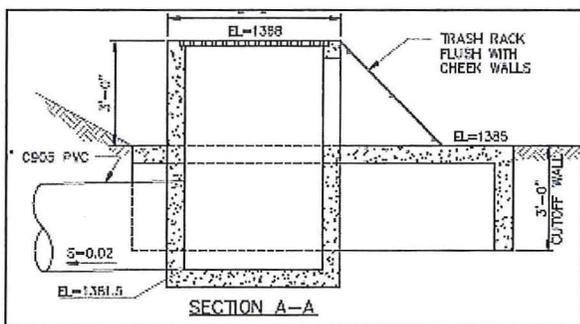
the new improvement. Therefore, IEUA is working with Tom Dodson, its environmental consultant, to expedite the application and review process for these needed documents. This extended schedule will delay construction award to Jan-Feb 2017. Staff is reviewing the schedule to see if other project approaches can be considered to mitigate the delay.

Currently, Dudek has completed the 85% design phase. They are progressing with the final design plans.

**Conceptual Design:**



Isometric View of the Recommended Basin Improvement  
Pump Station in Basin 5 and Extension of the Recycled Water Pipeline to Basins 1, 2, and 3



Design Profile of proposed Pump Station in Basin 5



**2013 RMPU AMENDMENT YIELD ENHANCEMENT PROJECTS**  
**PROJECT NO. RW15003.00**  
**STATUS UPDATE: August 1, 2016**

The 2013 Amendment to the 2010 Recharge Master Plan Update recommended that the yield enhancement projects listed below be implemented for preliminary-design, environmental review, permitting, and final design.

ID	Basin Projects	Key Project Improvements	Original RMPU Yield		Adjusted Yield	
			SW	RW	SW	RW
			acre-feet per year			
18a	CSI Storm Water Basin	New storage and recharge facility by deepening/removing 36,000 CY	81	-	81	-
23a	Wineville, Jurupa, and RP3	Improve storage and recharge capacity with pumps/conveyance systems between basins and provide new diversion structures	3,166	2,905	3,166	2,905
27	Declaz Basin	Improve capacity by modifying existing/adding new structures	241	-	241	-
11	Victoria Basin	Improve the infiltration rate and increase storage by removing settled deposits	43	120	43	120
14	Turner Basin	Increase storage and recharge by raising the spillway height	66	-	66	-
15a	Ely Basin	Improve storage and recharge by removing 470,000 CY	221	-	221	-
2	Montclair Basins	Increase storage and recharge capacity by directing more channel flow	248	-	248	-
25a	Sierra	Improve storage and recharge by removing 40,000 CY <i>(Removed-no longer feasible)</i>	64	-		
17a	Lower San Sevaine Basin	Construct a new storage flow through basin <i>(Removed-no longer feasible)</i>	1,221	-		
			<b>5,351</b>	<b>3,025</b>	<b>4,066</b>	<b>3,025</b>

**Schedule:**

Soft Cost Phases	Amended Soft Cost*			Actual Cost to Date	
	Start	Finish	Status	Projected Cost	Actual Cost
Project Development	07/01/14	06/17/15	Completed	\$27,000	\$3,476
Preliminary Design	06/25/15	11/16/16	In Progress	\$735,000	\$414,760
Environmental Design	02/19/15	11/16/16	In Progress	\$325,000	\$14,105
Permits	11/17/16	12/29/17	Not Started	\$2,638,500	-
	11/17/16	12/29/17	Not Started	\$100,000	-
				<b>\$3,825,500</b>	<b>\$432,341</b>

\*PID 25a and PID 17a are removed from the design and not included within the total soft cost.

**Grant/Loan Update:**

IEUA is preparing to apply for state grants and loans through the SWRCB Prop. 1 Stormwater Grant and the Clean Water SRF Loans. The potential grant and loan amount is near \$14M and \$45M respectively.

**Cost Sharing Document:**

- Task Order No. 1 of the Master Agreement of 2014 (August, 2014)
- 1<sup>st</sup> Amendment Task Order No. 1 of the Master Agreement of 2014 (April, 2015)
- 2<sup>nd</sup> Amendment Task Order No. 1 of the Master Agreement of 2014 (June, 2016)

**Project Update:**

Stantec’s draft PDR was delayed because their expected submittal was not substantially complete. An extension was granted to ensure the final draft meets expectations.

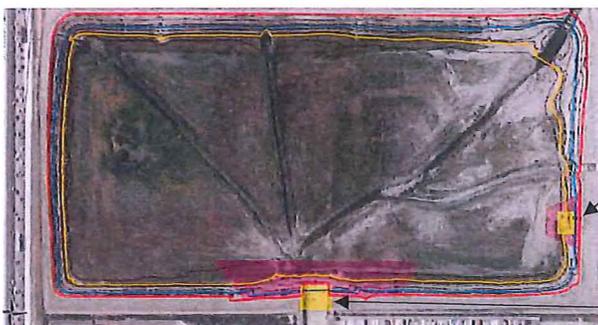
In the meantime, Dodson & Associates is developing a Program Environmental Impact Report for the proposed RMPU projects. The scheduled completion date for draft environmental study is August, 2016.

**Project Photos:**



Heighten existing basin outlet structure

Aerial of Victoria Basin



Place a new Pump Station

Heighten existing basin spillway structure

Aerial of Wineville Basin



**LOWER DAY RMPU IMPROVEMENTS**  
**PROJECT NO. RW15004**  
**STATUS UPDATE: August 1, 2016**

This project will modify the existing intake structure and install pneumatic gates in the channel. The pneumatic gates will monitor and self-adjust to maintain a water level or rate of discharge over the gate structure in accordance with an established programmable logic controller. The basin’s existing embankment will be evaluated and reconstructed to meet the requirements of a dam embankment with the Division of Safety of Dams. Improvement to the embankment may include excavation and keying to prevent piping and seepage. Per the 2013 RMPUA, this project proposes to increase in recharge to the basin by 789 acre-feet per year.

**Schedule:**

	<u>Project Budget</u>		<u>Actual Cost to Date</u>		
	\$2,480,000		\$209,464		
<u>Phase</u>	<u>Start</u>	<u>Finish</u>	<u>Status</u>	<u>Projected Cost</u>	<u>Actual Cost</u>
Project Development	07/01/14	12/17/14	Completed	\$25,000	\$24,790
Pre-Design	12/18/14	10/21/16	In Progress	\$159,000	\$121,361
Environmental Impact	12/17/14	07/20/16	Completed	\$45,000	\$43,313
Permits	12/17/14	04/12/17	In Progress	\$20,000	\$20,000
Design	10/24/16	04/12/17	Not Started	\$183,000	-
Bid and Award	04/13/17	07/19/17	Not Started	8,000	-
Construction	07/20/17	07/26/18	Not Started	\$2,040,000	-
				\$2,480,000	\$209,464

**Grant/Loan Update:**

Awarded a \$750,000 state grant from the Department of Water Resources through the Santa Ana Watershed Project Authority as part of Proposition 84 and a \$375,000 federal grant from the US Bureau of Reclamation.

**Cost Sharing Document:** Task Order No. 2 of the Master Agreement of 2014

**Project Update:**

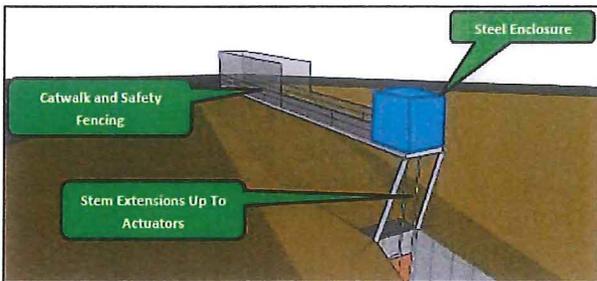
During the past few months, IEUA/CBWM/WEI and Scheevel have been discussing and meeting to address concerns on how the project will impact the Flood Control District’s Day Creek Channel diversion into Lower Day Basin. A plan is being proposed to reevaluate past preliminary design alternatives and consider which design option is best to develop a flow model on. There are over six options to do a flow model, but the only alternatives being considered are those that do not have a high construction cost. Staff will review and develop a firm action plan in approaching the modeling effort. The extended effort is expected to increase pre-design and design cost project by an additional \$35,000 due to the added scope and staff support. This cost is currently within available budget, however a total budget amendment may be required if the

proposed design does not reduce projected construction cost. Staff adjusted the schedule to account for the extended preliminary review. Staff will continue to monitor and report further changes.

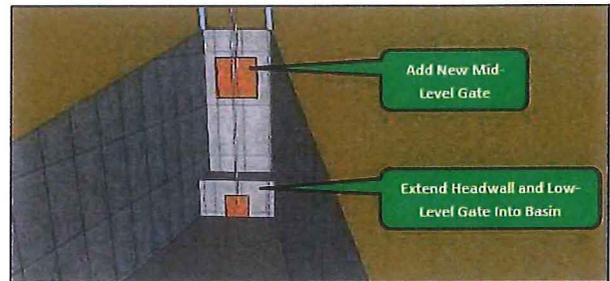
On April 20, 2016 IEUA’s Board adopted the environmental findings as prepared by Tom Dodson and Associates. This completed all CEQA requirements for the project.

The current PDR document on file is noted as final, however, since additional efforts were pursued to address Flood Control District concerns, the PDR was not officially finalized. This document will become finalized as soon as to additional flow study is completed and addresses the District’s concerns. In the meantime, the filed PDR will be stamped “pending further revision”.

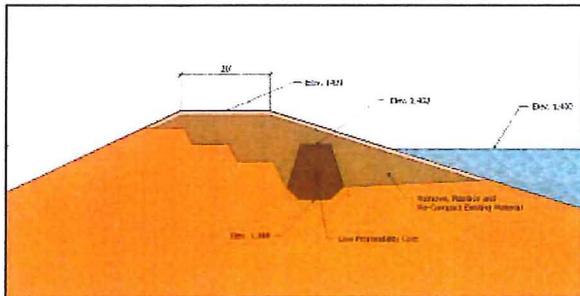
**Conceptual Design of the Proposed Improvements:**



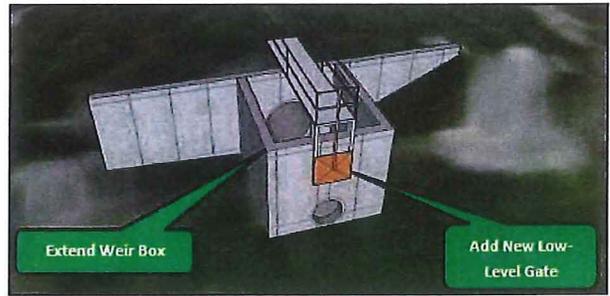
Mid-level Outlet Modifications – Increase Storage to the Lower Basin



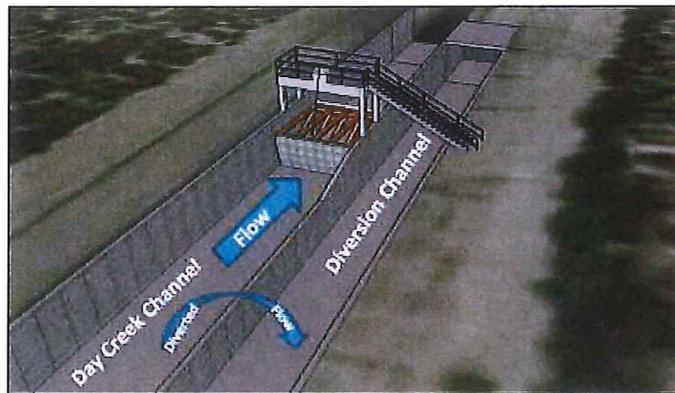
Coating Existing 36” & 72” Outlet Pipes – Maintain Flood Control requirements of immediate dewatering



Reconstruction of Southern Berm – Prevent Seepage



Modifications to Upper Basin Outlet – Increase Storage to the Upper Basin



Proposed Radial Gate Concept – diverts non-flood flows for added groundwater storage

## UNIT COST CONSIDERATIONS

### 2013 RMPU Section 7.3.2

• Cost – the cost to the Watermaster and the Parties should be minimized with the goal that the unit cost of the new recharge be less than the Metropolitan Tier 1 untreated rate. The unit cost of recharge will be based on the sum of amortized capital plus operations and maintenance costs divided by average annual new recharge.

### 8.3.2.2. Ranking of Yield Enhancement Projects

... The cost effectiveness threshold for a recharge project was identified in Section 7 as the MWD Tier 1 rate, however it was determined that it would not be used as a pass/fail mechanism. The projects were evaluated using three thresholds: a marginal unit cost less than \$600 per acre-ft, a melded unit cost less than \$600 per acre-ft, and a melded unit cost less than \$612 per acre-ft. The three unit cost thresholds were analyzed with and without the excavation discount. The associated tables and a description of each unit cost threshold are located in Appendix D (Tables D-20 through D-24). The Steering Committee indicated a preference for a melded unit cost less than \$612 per acre-ft would be considered for implementation.

### POTENTIAL FUTURE IMPORTED WATER COST W/ RTS

Tier 1 (\$/AF)	\$ 666.00	<b>Totals</b>
IEUA Charge	\$ -	
OCWD Charge	\$ 2.00	<b>\$ 666.00</b>
<b>Total Cost (\$/AF)</b>	<b>\$ 668.00 + RTS Charges for the next 10 years <sup>1</sup></b>	<b>\$ 111.28</b>
		<b>\$ 2.00</b>
		<b>\$ 779.28</b>

<sup>1</sup> RTS Charges for purchases in 2017 start in 2019 and continue through 2028

## PDR SCHEDULE UPDATE

- Present Draft PDR at Sept 15<sup>th</sup> RIPCom, ask for comments and questions
- Present Draft PDR as information item at October 13<sup>th</sup> Appropriative Meeting, ask for comments and questions
- Present Final PDR as an action item at November 10<sup>th</sup> Appropriative meeting, ask for recommendation on whether to proceed with projects (Followed by Board approval)