CHINO BASIN WATERMASTER



NOTICE OF MEETINGS

Thursday, May 11, 2017

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, May 11, 2017

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. – May 11, 2017 **WITH**

Mr. Todd Corbin, Chair Mr. Justin Scott-Coe, 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 April 13, 2017 (Page 1)

B. FINANCIAL REPORTS

- 1. Cash Disbursements for the month of March 2017 (Page 17)
- 2. Watermaster VISA Check Detail for the month of March 2017 (Page 31)
- 3. Combining Schedule for the Period July 1, 2016 through March 31, 2017 (Page 35)
- 4. Treasurer's Report of Financial Affairs for the Period March 1, 2017 through March 31, 2017 (*Page 39*)
- 5. Budget vs. Actual Report for the Period July 1, 2016 through March 31, 2017 (Page 43)

C. CHINO BASIN WATERMASTER 39TH ANNUAL REPORT (Page 69)

Recommend to Advisory Committee to recommend to the Board to adopt the 39th Annual Report, along with filing a copy with the Court, subject to any necessary non-substantive changes.

D. AGREEMENT WITH SAN BERNARDINO COUNTY FOR CREATION OF GSA FOR SGMA FRINGE AREAS (Page 71)

Recommend to Advisory Committee to approve the proposed Cooperation Agreement between Chino Basin Watermaster and the County of San Bernardino for the creation of a GSA for the SGMA Fringe Areas in San Bernardino County.

E. WATER TRANSACTIONS

1. Notice of Sale or Transfer – The purchase of 4,000.000 acre-feet of water from the City of Pomona by Cucamonga Valley Water District. This purchase is made from the City of Pomona's Excess Carryover Account. Date of application: May 3, 2017. (Page 82)

- 2. 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. Date of application: May 3, 2017. (Page 92)
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- F. THIRD AMENDMENT TO TASK ORDER NO. 1 (2013 RMPU AMENDMENT YIELD ENHANCEMENT PROJECTS PLANNING, PERMITTING, AND DESIGN) (Page 131)

Recommend to Advisory Committee to recommend to the Board to approve the amended Task Order No. 1 to reflect the change in scope and cost.

G. FIRST AMENDMENT TO TASK ORDER NO. 2 (LOWER DAY BASIN IMPROVEMENT PROJECT) (Page 153)

Recommend to Advisory Committee to recommend to the Board to approve the amended Task Order No. 2 (Lower Day Basin Improvement Project).

H. FIRST AMENDMENT TO TASK ORDER NUMBERS 5 (JURUPA PUMP STATION AND HVAC IMPROVEMENTS), AND 6 (WINEVILLE PROOF OF CONCEPT) (Page 163)

Recommend to Advisory Committee to recommend to the Board to approve the amended Task Orders No. 5 and No. 6 and conclude associated obligations.

I. SECOND AMENDMENT TO TASK ORDER NO. 8 (SAN SEVAINE BASIN RMPU IMPROVEMENT PROJECT) (Page 177)

Recommend to Advisory Committee to recommend to the Board to approve the amended Task Order No. 8 (San Sevaine Basin Improvement Project).

J. TASK ORDER NO. 9 UNDER MASTER AGREEMENT FOR COLLABORATIVE RECHARGE PROJECTS (RMPU IMPROVEMENT PROJECT 23a) (Page 191)

Recommend to Advisory Committee to recommend to the Board to approve Task Order No. 9, RMPU Improvement Project 23a (2013 RMPU proposed Wineville PS to Jurupa, expanded Jurupa PS to RP3 Basin and 2013 RP3 Improvements Project).

K. TASK ORDER NO. 10 UNDER MASTER AGREEMENT FOR COLLABORATIVE RECHARGE PROJECTS (VICTORIA BASIN IMPROVEMENT PROJECT) (Page 201)

Recommend to Advisory Committee to recommend to the Board to approve Task Order No. 10, Victoria Basin Improvement Project (PID 11).

II. BUSINESS ITEMS

A. CSI BASIN IMPROVEMENT PROJECT (DISCUSSION ONLY)

B. TASK ORDER NO. 11 UNDER MASTER AGREEMENT FOR COLLABORATIVE RECHARGE PROJECTS (MONTCLAIR BASIN IMPROVEMENT PROJECT) (Page 209)

Recommend to Advisory Committee to recommend to the Board to approve Task Order No. 11, Montclair Basins Improvement Project (PID 2).

C. FISCAL YEAR 2016/17 BUDGET AMENDMENT (FORM A-17-04-01) (Page 217)

Recommend Advisory Committee approve the Budget Amendment Form A-17-04-01 for FY 2016/17 in the amount of \$100,000 for the increased cost associated with the CalPERS Personnel Matter regarding Alvarez and the Safe Yield Redetermination and Reset, as presented.

D. RESOLUTION TO LEVY DESALTER REPLENISHMENT ASSESSMENTS FOR PRODUCTION YEAR 2013/14 (BASED ON ASSESSMENT PACKAGE FOR PRODUCTION YEAR 2013/14) (Page 221)

Review Resolution 2017-05 as presented, and offer advice to Watermaster.

E. WATERMASTER FISCAL YEAR 2017/18 PROPOSED BUDGET (Page 227)

Recommend Advisory Committee approval of the proposed FY 2017/18 budget as presented.

III. REPORTS/UPDATES

A. LEGAL COUNSEL REPORT

- 1. Safe Yield Reset
- 2. Overlying (Agricultural) Pool Committee's Contest to Application for Storage Agreements
- 3. Rules and Regulations Update

B. ENGINEER REPORT

- 1. Prado Basin Habitat Sustainability Program
- 2. Other Compliance Reporting

C. CFO REPORT

None

D. GM REPORT

- 1. Safe Yield Reset Implementation of Court Order
- 2. Safe Storage Capacity
- 3. Storage Applications
- 4. SGMA Update
- 5. Ambient Water Quality Study
- 6. Other

IV. INFORMATION

- 1. Cash Disbursements for April 2017 (Page 243)
- 2. Recharge Investigations and Projects Committee (RIPCom) (Page 255)

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 Legal Budget
- 2. Appropriative Pool Strategic Planning Discussion

VIII. FUTURE MEETINGS AT WATERMASTER

5/11/17 Thu 11:00 a.m. Non-Agricultural Pool	
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5/11/17 Thu 1:30 p.m. Agricultural Pool	
5/18/17 Thu 8:00 a.m. Appropriative Pool Strategic Planning (Confidential Session O	nly)
5/18/17 Thu 9:00 a.m. Advisory Committee	
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All Watermaster meeting dates can be found on our website at the "View Schedules" button on the Home Page, and also accessible at this link: http://www.cbwm.org/calendar.pdf

ADJOURNMENT

CHINO BASIN WATERMASTER NON-AGRICULTURAL POOL MEETING

11:00 a.m. – May 11, 2017

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 April 13, 2017 (Page 5)

B. FINANCIAL REPORTS

- 1. Cash Disbursements for the month of March 2017 (Page 17)
- 2. Watermaster VISA Check Detail for the month of March 2017 (Page 31)
- 3. Combining Schedule for the Period July 1, 2016 through March 31, 2017 (Page 35)
- 4. Treasurer's Report of Financial Affairs for the Period March 1, 2017 through March 31, 2017 (*Page 39*)
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C. CHINO BASIN WATERMASTER 39TH ANNUAL REPORT (Page 69)

Recommend to Advisory Committee to recommend to the Board to adopt the 39th Annual Report, along with filing a copy with the Court, subject to any necessary non-substantive changes.

D. AGREEMENT WITH SAN BERNARDINO COUNTY FOR CREATION OF GSA FOR SGMA FRINGE AREAS (Page 71)

Recommend to Advisory Committee to approve the proposed Cooperation Agreement between Chino Basin Watermaster and the County of San Bernardino for the creation of a GSA for the SGMA Fringe Areas in San Bernardino County.

E. WATER TRANSACTIONS

- 1. Notice of Sale or Transfer The purchase of 4,000.000 acre-feet of water from the City of Pomona by Cucamonga Valley Water District. This purchase is made from the City of Pomona's Excess Carryover Account. Date of application: May 3, 2017. (Page 82)
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- F. THIRD AMENDMENT TO TASK ORDER NO. 1 (2013 RMPU AMENDMENT YIELD ENHANCEMENT PROJECTS PLANNING, PERMITTING, AND DESIGN)) (Page 131)

 Recommend to Advisory Committee to recommend to the Board to approve the amended Task Order No. 1 to reflect the change in scope and cost.
- G. FIRST AMENDMENT TO TASK ORDER NO. 2 (LOWER DAY BASIN IMPROVEMENT PROJECT) (Page 153)

Recommend to Advisory Committee to recommend to the Board to approve the amended Task Order No. 2 (Lower Day Basin Improvement Project).

H. FIRST AMENDMENT TO TASK ORDER NUMBERS 5 (JURUPA PUMP STATION AND HVAC IMPROVEMENTS), AND 6 (WINEVILLE PROOF OF CONCEPT) (Page 163)

Recommend to Advisory Committee to recommend to the Board to approve the amended Task Orders No. 5 and No. 6 and conclude associated obligations.

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Recommend to Advisory Committee to recommend to the Board to approve the amended Task Order No. 8 (San Sevaine Basin Improvement Project).

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Recommend to Advisory Committee to recommend to the Board to approve Task Order No. 10, Victoria Basin Improvement Project (PID 11).

II. BUSINESS ITEMS

- A. CSI BASIN IMPROVEMENT PROJECT (DISCUSSION ONLY)
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Recommend to Advisory Committee to recommend to the Board to approve Task Order No. 11, Montclair Basins Improvement Project (PID 2).

C. FISCAL YEAR 2016/17 BUDGET AMENDMENT (FORM A-17-04-01) (Page 217)

Recommend Advisory Committee approve the Budget Amendment Form A-17-04-01 for FY 2016/17 in the amount of \$100,000 for the increased cost associated with the CalPERS Personnel Matter regarding Alvarez and the Safe Yield Redetermination and Reset, as presented.

D. RESOLUTION TO LEVY DESALTER REPLENISHMENT ASSESSMENTS FOR PRODUCTION YEAR 2013/14 (BASED ON ASSESSMENT PACKAGE FOR PRODUCTION YEAR 2013/14) (Page 221)

Review Resolution 2017-05 as presented, and offer advice to Watermaster.

E. WATERMASTER FISCAL YEAR 2017/18 PROPOSED BUDGET (Page 227)

Recommend Advisory Committee approval of the proposed FY 2017/18 budget as presented

F. 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. Safe Yield Reset
- 2. Overlying (Agricultural) Pool Committee's Contest to Application for Storage Agreements
- 3. Rules and Regulations Update

B. ENGINEER REPORT

- 1. Prado Basin Habitat Sustainability Program
- 2. Other Compliance Reporting

C. CFO REPORT

None

D. GM REPORT

- 1. Safe Yield Reset Implementation of Court Order
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IV. INFORMATION

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- 2. Applications for Storage

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ADJOURNMENT

CHINO BASIN WATERMASTER AGRICULTURAL POOL MEETING

1:30 p.m. – May 11, 2017 **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

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AGENDA - ADDITIONS/REORDER

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- 2. Minutes of the Agricultural Pool Meeting held on April 13, 2017 (Page 11)
- 3. Minutes of the Agricultural Pool Special Meeting held on April 26, 2017 (Page 15)

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Recommend Advisory Committee approval of the proposed FY 2017/18 budget as presented.

B. OLD BUSINESS

III. REPORTS/UPDATES

A. LEGAL COUNSEL REPORT

- 1. Safe Yield Reset
- 2. Overlying (Agricultural) Pool Committee's Contest to Application for Storage Agreements
- 3. Rules and Regulations Update

B. ENGINEER REPORT

- 1. Prado Basin Habitat Sustainability Program
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None

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IV. INFORMATION

- 1. Cash Disbursements for April 2017 (Page 243)
- 2. Recharge Investigations and Projects Committee (RIPCom) (Page 255)

V. POOL DISCUSSION

- 1. Chairman's Update
- 2. Pool Member Comments
- 3. Prior Month's Compensation Form

VI. OTHER BUSINESS

VII. CONFIDENTIAL SESSION - POSSIBLE ACTION

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ADJOURNMENT

CHINO BASIN WATERMASTER

I. CONSENT CALENDAR

A. MINUTES

1. Appropriative Pool Meeting held on April 13, 2017

DRAFT MINUTES CHINO BASIN WATERMASTER APPROPRIATIVE POOL MEETING

April 13, 2017

The Appropriative Pool meeting was held at the offices of Chino Basin Watermaster located at 9641 San Bernardino Road, Rancho Cucamonga, CA on April 13, 2017.

APPROPRIATIVE POOL MEMBERS PRESENT

Todd Corbin, Chair Jurupa Community Services District

Justin Scott-Coe, Vice-Chair Monte Vista Water District

Dave Croslev City of Chino

Teri Layton San Antonio Water Company

Ron Craig City of Chino Hills

Van Jew Monte Vista Irrigation Company Jo Lynne Russo-Pereyra for Marty Zvirbulis Cucamonga Valley Water District

Ben Lewis

Golden State Water Company

Rosemary Hoerning City of Upland Raul Garibay for Darron Poulsen City of Pomona

Cris Fealv Fontana Water Company

Seth Zielke Fontana Union Water Company

Scott Burton City of Ontario

Bob Page County of San Bernardino J. Arnold Rodriguez Santa Ana River Water Company

WATERMASTER BOARD MEMBER PRESENT

Bob Kuhn Three Valleys Municipal Water District

WATERMASTER STAFF PRESENT

Peter Kavounas General Manager Joseph Joswiak Chief Financial Officer

Edgar Tellez Foster Senior Environmental Engineer

Anna Truong Executive Services Director/Board Clerk Justin Nakano Water Resources Senior Associate

WATERMASTER CONSULTANTS PRESENT

Brad Herrema Brownstein Hyatt Farber Schreck, LLP Mark Wildermuth Wildermuth Environmental, Inc.

Andy Malone Wildermuth Environmental, Inc. Garrett Rapp Wildermuth Environmental, Inc.

OTHERS PRESENT

Pete Hall State of California - CIM Shaun Stone Inland Empire Utilities Agency

David DeJesus Three Valleys Municipal Water District

Joel Ignacio Inland Empire Utilities Agency Curtis Paxton Chino Basin Desalter Authority

Sheri Rojo Basin Creek Consulting

Eric Grubb Cucamonga Valley Water District Amanda Coker

City of Chino Eric Tarango Fontana Water Company

Katie Gienger City of Ontario

Sylvie Lee Inland Empire Utilities Agency Eunice Ulloa John Schatz Chino Basin Water Conservation District John J. Schatz, Attorney at Law

CALL TO ORDER

Chair Corbin called the Appropriative Pool meeting to order at 9:03 a.m.

AGENDA - ADDITIONS/REORDER

Consent Calendar Item I.E., Applications for Local Supplemental Storage Agreement, was taken out of order, during confidential session.

I. CONSENT CALENDAR

A. MINUTES

- 1. Minutes of the Appropriative Pool Special Meeting held March 8, 2017
- 2. Minutes of the Appropriative Pool Meeting held March 9, 2017

B. FINANCIAL REPORTS

- 1. Cash Disbursements for the month of February 2017
- 2. Watermaster VISA Check Detail for the month of February 2017
- 3. Combining Schedule for the Period July 1, 2016 through February 28, 2017
- 4. Treasurer's Report of Financial Affairs for the Period February 1, 2017 through February 28, 2017
- 5. Budget vs. Actual Report for the Period July 1, 2016 through February 28, 2017

C. APPLICATION FOR RECHARGE

Notice of Application for Recharge: On March 20, 2017 San Antonio Water Company submitted an Application for Recharge for 1,500.000 acre-feet to be recharged into basins along the San Antonio Channel.

D. WATER TRANSACTIONS

- 1. Notice of Sale or Transfer The purchase of 1,100.000 acre-feet of water from Santa Ana River Water Company by Jurupa Community Services District. This purchase is made from Santa Ana River Water Company's Annual Production Right / Operating Safe Yield first, then any additional from storage.
- 2. Notice of Sale or Transfer The purchase of 11.866 acre-feet of water from Santa Ana River Water Company by Jurupa Community Services District. This purchase is made from Santa Ana River Water Company's storage account.

E. APPLICATIONS FOR LOCAL SUPPLEMENTAL STORAGE AGREEMENT

- 1. Notice of Application for a Local Storage Agreement The City of Ontario has submitted an application for a Local Storage Agreement for 20,000 acre-feet dated January 26, 2012 that has been placed in the City's Local Supplemental Storage Account.
- 2. Notice of Application for a Local Storage Agreement The City of Ontario has submitted an application for a Local Storage Agreement for 8,569.789 acre-feet dated April 7, 2017 that has been placed in the City's Local Supplemental Storage Account.

(0:00:30)

Motion by Ms. Jo Lynne Russo-Pereyra, seconded by Mr. Van Jew, and by unanimous vote **Moved to discuss Consent Calendar Item I.E. separately in Confidential Session.**

(0:00:57)

Motion by Mr. Raul Garibay, seconded by Mr. Scott Burton, and by unanimous vote Moved to approve the Consent Calendar Items. I.A – I.D. as presented

II. BUSINESS ITEMS

A. RULES AND REGULATIONS UPDATE (DISCUSSION ONLY)

(0:01:50) Messrs. Kavounas and Herrema gave a report. A discussion ensued.

(0:09:26) Mr. Rodriguez joined the meeting.

III. REPORTS/UPDATES

A. LEGAL COUNSEL REPORT

- 1. Safe Yield Reset
- 2. Rules and Regulations Update

(0:10:17) Mr. Herrema gave a report on Item III.A.1. Item III.A.2. was previously discussed during Business Item II.A.

B. ENGINEER REPORT

- 1. SGMA Annual Reporting, Maximum Benefit Annual Report, Diversion Permit Annual Report, and SB88 Compliance
- 2. Ground-Level Monitoring and Prado Basin Habitat Sustainability Programs
- 3. RMPU Project Support and MPI Analysis on SAWCo Recharge Application
- 4. Model Update and Required Demonstrations
- 5. Supplemental Water Recharge Procedures

(0:12:20) Mr. Malone gave a report. A discussion ensued.

C. CFO REPORT

1. Fiscal Year 2017/18 Budget

(0:21:07) Mr. Joswiak gave a report. A discussion ensued.

D. GM REPORT

- 1. SGMA Update
- 2. Ambient Water Quality Study
- 3. Santa Ana River Watershed Status Report
- 4. RMPU Project 2: Montclair Basins Alternative Approach
- 5. Other

(0:50:08) Mr. Kavounas introduced Mr. Tellez Foster to give reports on Item III.D.1. – III.D.2. A discussion ensued.

(1:01:25) Mr. Kavounas gave a report on Item III.D.3.

(1:03:00) Mr. Kavounas introduced Mr. Nakano to give a report on Item III.D.4. A discussion ensued.

(1:26:59) Mr. Kavounas introduced Ms. Truong to give a report on Chino Basin Watermaster website update.

(1:28:00) Mr. Kavounas announced Project LoveBox, a community hospital charity effort supporting sick children and their families that staff is participating in, and inviting all to join in if they so desire.

IV. INFORMATION

- 1. Cash Disbursements for March 2017
- 2. Recharge Investigations and Projects Committee (RIPCom)
- 3. Ground-Level Monitoring Status Report (Quarterly)
- 4. South Archibald and Chino Airport Plumes Status Report (Quarterly)
- 5. RMPU Status Report (Quarterly)
- 6. Santa Ana River Watershed Status Report (Quarterly)

V. POOL MEMBER COMMENTS

None

VI. OTHER BUSINESS

None

VII. CONFIDENTIAL SESSION - POSSIBLE ACTION

Chair Corbin called for a confidential session at 10:32 a.m. to discuss the Appropriative Pool Strategic Planning and Consent Calendar Item I.E., Applications for Local Supplemental Storage Agreement.

Confidential session concluded at 12:56 p.m. Vice-Chair Scott-Coe closed out the meeting and provided the following reportable actions:

(1:29:54)

- 1. Move forward to Advisory Committee the collective storage application for both supplemental and excess carryover water local storage agreements as approved at the February 9th Appropriative Pool Committee meeting. The Appropriative Pool will continue to work with the Agricultural Pool on basin stewardship project concepts to include as part of a comprehensive storage management plan. Move forward to Advisory Committee the City of Ontario's storage applications for supplemental local storage agreements. Ontario agrees that its applications will no longer be necessary upon Advisory Committee approval of the collective storage application.
- 2. The Pool will continue to work with the Agricultural Pool regarding the basin stewardship project concepts to include as part of comprehensive storage management plan.
- 3. The Pool wishes to move forward the City of Ontario's storage applications for local storage agreements to Advisory Committee for approval. The City of Ontario agrees that its applications will no longer be necessary upon Advisory Committee approval of the collective storage applications.

ADJOURNMENT

Vice-Chair Scott-Coe adjourned the Appropriative Pool meeting at 12:56 p.m.

	Secretary:	
Approved:		

CHINO BASIN WATERMASTER

I. BUSINESS ITEM ROUTINE

A. MINUTES

1. Non-Agricultural Pool Meeting held on April 13, 2017

DRAFT MINUTES CHINO BASIN WATERMASTER NON-AGRICULTURAL POOL MEETING

April 13, 2017

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 April 13, 2017.

NON-AGRICULTURAL POOL MEMBERS PRESENT AT WATERMASTER

Brian Geye, Chair

Auto Club Speedway

Bob Page

County of San Bernardino

NON-AGRICULTURAL POOL MEMBERS PRESENT ON CALL

Bob Bowcock, Vice-Chair Calmat Company (Vulcan Materials Co.)

Ramsey Haddad California Steel Industries (CSI)
Tom O'Neill Ontario City Non-Agricultural
David Penrice Agua Capital Management LP

WATERMASTER STAFF PRESENT AT WATERMASTER

Peter Kavounas General Manager
Joseph Joswiak Chief Financial Officer

Edgar Tellez Foster

Justin Nakano

Senior Environmental Engineer

Water Resources Senior Associate

Executive Services Director/Board Clerk

WATERMASTER CONSULTANTS PRESENT AT WATERMASTER

Brad Herrema Brownstein Hyatt Farber Schreck, LLP

Mark Wildermuth Environmental, Inc.
Andy Malone Wildermuth Environmental, Inc.

NON-AGRICULTURAL POOL LEGAL COUNSEL PRESENT ON CALL

Allen Hubsch Loeb & Loeb, LLP

OTHERS PRESENT AT WATERMASTER

Pete Hall State of California – CIM

CALL TO ORDER

Chair Geye called the Non-Agricultural Pool meeting to order at 11:00 a.m.

ROLL CALL

Ms. Truong conducted the roll call.

AGENDA – ADDITIONS/REORDER

None

I. BUSINESS ITEMS - ROUTINE

A. MINUTES

1. Minutes of the Non-Agricultural Pool Meeting held March 9, 2017

(0:02:01)

Motion by Mr. Bob Page, seconded by Mr. Tom O'Neill. 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 February 2017
- 2. Watermaster VISA Check Detail for the month of February 2017
- 3. Combining Schedule for the Period July 1, 2016 through February 28, 2017
- 4. Treasurer's Report of Financial Affairs for the Period February 1, 2017 through February 28, 2017
- 5. Budget vs. Actual Report for the Period July 1, 2016 through February 28, 2017

(0:02:23)

Motion by Mr. Bob Page, seconded by Mr. Tom O'Neill. 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. APPLICATION FOR RECHARGE

Notice of Application for Recharge: On March 20, 2017 San Antonio Water Company submitted an Application for Recharge for 1,500.000 acre-feet to be recharged into basins along the San Antonio Channel.

(0:02:51)

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

Moved to approve staff recommendation of Business Item I.C. as presented and to direct the Pool representatives to support at the Advisory Committee and Watermaster Board meetings subject to changes which they deem appropriate.

D. WATER TRANSACTIONS

- 1. Notice of Sale or Transfer The purchase of 1,100.000 acre-feet of water from Santa Ana River Water Company by Jurupa Community Services District. This purchase is made from Santa Ana River Water Company's Annual Production Right / Operating Safe Yield first, then any additional from storage.
- 2. Notice of Sale or Transfer The purchase of 11.866 acre-feet of water from Santa Ana River Water Company by Jurupa Community Services District. This purchase is made from Santa Ana River Water Company's storage account.

(0:03:23)

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

Moved to approve staff recommendation of Business Item I.D. as presented and to direct the Pool representatives to support at the Advisory Committee and Watermaster Board meetings subject to changes which they deem appropriate.

E. APPLICATIONS FOR LOCAL SUPPLEMENTAL STORAGE AGREEMENT

- 1. Notice of Application for a Local Storage Agreement The City of Ontario has submitted an application for a Local Storage Agreement for 20,000 acre-feet dated January 26, 2012 that has been placed in the City's Local Supplemental Storage Account.
- 2. Notice of Application for a Local Storage Agreement The City of Ontario has submitted an application for a Local Storage Agreement for 8,569.789 acre-feet dated April 7, 2017 that has been placed in the City's Local Supplemental Storage Account.

(0:04:16) Consent Calendar Item I.E. was deferred to confidential session.

II. BUSINESS ITEMS

A. 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.

(0:04:33) Mr. Kavounas introduced Ms. Truong to give a report on the Angelica Corporation bankruptcy documentation that Watermaster received. Mr. Hubsch requested copies of the bankruptcy documents to be sent to Chair Geye and him.

III. REPORTS/UPDATES

A. LEGAL COUNSEL REPORT

- 1. Safe Yield Reset
- 2. Rules and Regulations Update

(0:06:23) Mr. Herrema gave a report.

(0:08:54) Mr. Penrice joined the meeting.

B. ENGINEER REPORT

- 1. SGMA Annual Reporting, Maximum Benefit Annual Report, Diversion Permit Annual Report, and SB88 Compliance
- 2. Ground-Level Monitoring and Prado Basin Habitat Sustainability Programs
- 3. RMPU Project Support and MPI Analysis on SAWCo Recharge Application
- 4. Model Update and Required Demonstrations
- 5. Supplemental Water Recharge Procedures

(0:10:57) Mr. Malone gave a report. A discussion ensued.

C. CFO REPORT

1. Fiscal Year 2017/18 Budget

(0:17:15) Mr. Joswiak gave a report.

D. GM REPORT

- 1. SGMA Update
- 2. Ambient Water Quality Study
- 3. Santa Ana River Watershed Status Report
- 4. RMPU Project 2: Montclair Basins Alternative Approach
- 5. Other

(0:19:40) Mr. Kavounas gave a report and also announced Project LoveBox, a community hospital charity effort supporting sick children and their families that staff is participating in, and inviting all to join in if they so desire. A discussion ensued.

IV. INFORMATION

- 1. Cash Disbursements for March 2017
- 2. Recharge Investigations and Projects Committee (RIPCom)
- 3. Ground-Level Monitoring Status Report (Quarterly)
- 4. South Archibald and Chino Airport Plumes Status Report (Quarterly)
- 5. RMPU Status Report (Quarterly)
- 6. Santa Ana River Watershed Status Report (Quarterly)

V. POOL MEMBER COMMENTS

None

VI. OTHER BUSINESS

None

VII. CONFIDENTIAL SESSION - POSSIBLE ACTION

Chair Geye called for a confidential session at 11:28 a.m. to discuss Safe Yield Reset and the Non-Agricultural Pool Legal Services Budget for FY 2017/18. Confidential session concluded at 12:12 p.m. with the following reportable actions:

(0:28:00)

- 1. The Pool directed Pool counsel to provide comments and to work with Watermaster counsel to have the updated Rules & Regulations filed as a compilation to reflect existing changes pending any updates following the April 28, 2017 court hearing.
- 2. The Pool directed Watermaster to include an amount of \$60,000 for the Non-Agricultural Pool legal services (account 8567) for the FY 2017/18 budget.
- 3. The Pool directed Watermaster to invoice the amount of \$60,000 to the Non-Agricultural Pool (based upon the Non-Agricultural Pool's Actual FY 2016/17 Production) when the FY 2017/18 Assessment invoices are issued.
- 4. Pool representatives will support Business Items I.E.1 and I.E.2. at the Advisory Committee and Watermaster Board meetings, subject to changes they deem necessary.
- 5. The Pool requested that the Non-Agricultural Pool storage applications approved at the February 2017 Pool meeting move forward and reaffirm their direction to pool counsel to work with the Appropriative Pool counsel on a storage form.

ADJOURNMENT

Chair Geve adjourned the Non-Agricultural Pool meeting at 12:14 p.m.

	Secretary:	
Approved:		

CHINO BASIN WATERMASTER

I. CONSENT CALENDAR

A. MINUTES

- 1. Agricultural Pool Special Meeting held on April 5, 2017
- 2. Agricultural Pool Meeting held on April 13, 2017
- 3. Agricultural Pool Special Meeting held on April 26, 2017

DRAFT MINUTES CHINO BASIN WATERMASTER AGRICULTURAL POOL SPECIAL MEETING

April 5, 2017

The Agricultural Pool special meeting was held at the offices of the Milk Producer's Council located at 13545 S. Euclid Avenue, Ontario CA and via conference call on April 5, 2017.

AGRICULTURAL POOL MEMBERS PRESENT Bob Feenstra, Chair Jeff Pierson, Vice-Chair Lawrence Dimock Henry DeHaan Nathan deBoom	Dairy Crops State of California – CIM Dairy Dairy		
WATERMASTER BOARD MEMBERS PRESENT Geffrey Vanden Heuvel Paul Hofer	Dairy Crops		
OTHERS PRESENT Tracy Egoscue	Egoscue Law Group		
AGRICULTURAL POOL MEMBERS PRESENT ON CALL Marilyn Levin for Carol Boyd Pete Hall John Huitsing Bob Page	State of California – DOJ State of California – CIM Dairy County of San Bernardino		
OTHERS PRESENT ON CALL Peter Thyberg Diana Frederick Richard Rees	State of California – CIM State of California – CIM AMEC		
CALL TO ORDER Chair Feenstra called the Agricultural Pool special meeting to order at 2:00 p.m.			
AGENDA - ADDITIONS/REORDER None			
I. CONFIDENTIAL SESSION - POSSIBLE ACTION The Pool went into confidential session to discuss Pool business. Confidential session concluded at 3:26 p.m. with no reportable action.			
ADJOURNMENT Chair Feenstra adjourned the Agricultural Pool special meeting at 3:26 p.m.			
Secretary:			
Approved:			

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DRAFT MINUTES CHINO BASIN WATERMASTER AGRICULTURAL POOL MEETING

April 13, 2017

The Agricultural Pool meeting was held at the offices of Chino Basin Watermaster located at 9641 San Bernardino Road, Rancho Cucamonga, CA on April 13, 2017.

AGRICULTURAL POOL MEMBERS PRESENT

Jeff Pierson, Vice-Chair Crops

Pete Hall State of California – CIM Lawrence Dimock State of California – CIM

Ron LaBrucherie, Jr. Crops

Carol Boyd State of California – CIM

Nathan deBoomDairyJohn HuitsingDairyHenry DeHaanDairy

Bob Page County of San Bernardino

WATERMASTER BOARD MEMBERS PRESENT

Paul Hofer Crops Geoffrey Vanden Heuvel Dairy

WATERMASTER STAFF PRESENT

Peter Kavounas General Manager
Joseph Joswiak Chief Financial Officer

Edgar Tellez Foster Senior Environmental Engineer

Anna Truong Executive Services Director/Board Clerk
Justin Nakano Water Resources Senior Associate

WATERMASTER CONSULTANTS PRESENT

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

OTHERS PRESENT

Tracy Egoscue Egoscue Law Group
Diana Frederick State of California – DOC

Chad Cleveland Crops
Richard Rees AMEC

CALL TO ORDER

Vice-Chair Pierson chaired the meeting and called the Agricultural Pool meeting to order at 1:31 p.m.

AGENDA - ADDITIONS/REORDER

None

I. CONSENT CALENDAR

A. MINUTES

- 1. Minutes of the Agricultural Pool Special Meeting held on March 2, 2017
- 2. Minutes of the Agricultural Pool Special Meeting held on March 8, 2017
- 3. Minutes of the Agricultural Pool Meeting held on March 10, 2017
- 4. Minutes of the Agricultural Pool Special Meeting held on March 20, 2017

B. FINANCIAL REPORTS

- 1. Cash Disbursements for the month of February 2017
- 2. Watermaster VISA Check Detail for the month of February 2017
- 3. Combining Schedule for the Period July 1, 2016 through February 28, 2017
- 4. Treasurer's Report of Financial Affairs for the Period February 1, 2017 through February 28, 2017
- 5. Budget vs. Actual Report for the Period July 1, 2016 through February 28, 2017

C. APPLICATION FOR RECHARGE

Notice of Application for Recharge: On March 20, 2017 San Antonio Water Company submitted an Application for Recharge for 1,500.000 acre-feet to be recharged into basins along the San Antonio Channel.

D. WATER TRANSACTIONS

- Notice of Sale or Transfer The purchase of 1,100.000 acre-feet of water from Santa Ana River Water Company by Jurupa Community Services District. This purchase is made from Santa Ana River Water Company's Annual Production Right / Operating Safe Yield first, then any additional from storage.
- 2. Notice of Sale or Transfer The purchase of 11.866 acre-feet of water from Santa Ana River Water Company by Jurupa Community Services District. This purchase is made from Santa Ana River Water Company's storage account.

(0:00:52) Mr. Hall suggested to discuss Consent Calendar Item I.E. separately in confidential session.

(0:02:07)

Motion by Mr. Nathan deBoom, seconded by Mr. Ron LaBrucherie Jr., and by unanimous vote Moved to approve Consent Calendar Items I.A. – I.D. as presented

E. APPLICATIONS FOR LOCAL SUPPLEMENTAL STORAGE AGREEMENT

- Notice of Application for a Local Storage Agreement The City of Ontario has submitted an application for a Local Storage Agreement for 20,000 acre-feet dated January 26, 2012 that has been placed in the City's Local Supplemental Storage Account.
- 2. Notice of Application for a Local Storage Agreement The City of Ontario has submitted an application for a Local Storage Agreement for 8,569.789 acre-feet dated April 7, 2017 that has been placed in the City's Local Supplemental Storage Account.

(1:14:32) Following Confidential Session, Mr. Kavounas reported action taken by Appropriative Pool and Non-Agricultural Pool for Item I.E. A discussion ensued.

(1:16:59) Vote Taken

Motion by Mr. Nathan deBoom, seconded by Mr. Ron LaBrucherie Jr., and by unanimous vote Moved to approve Consent Calendar Item I.E. as presented; however, oppose the global Storage Application being brought to the Advisory Committee in May 2017.

II. <u>BUSINESS ITEMS</u> A. OLD BUSINESS

None

III. REPORTS/UPDATES

A. LEGAL COUNSEL REPORT

- 1. Safe Yield Reset
- 2. Rules and Regulations Update

(0:03:06) Mr. Herrema gave a report. A discussion ensued.

(0:09:37) Mr. Page joined the meeting.

B. ENGINEER REPORT

- 1. SGMA Annual Reporting, Maximum Benefit Annual Report, Diversion Permit Annual Report, and SB88 Compliance
- 2. Ground-Level Monitoring and Prado Basin Habitat Sustainability Programs
- 3. RMPU Project Support and MPI Analysis on SAWCo Recharge Application
- 4. Model Update and Required Demonstrations
- 5. Supplemental Water Recharge Procedures

(0:10:17) Mr. Malone gave a report. A discussion ensued.

C. CFO REPORT

1. Fiscal Year 2017/18 Budget

(0:24:19) Mr. Joswiak gave a report. A discussion ensued.

D. GM REPORT

- 1. SGMA Update
- 2. Ambient Water Quality Study
- 3. Santa Ana River Watershed Status Report
- 4. RMPU Project 2: Montclair Basins Alternative Approach
- 5. Other

(0:45:37) Mr. Kavounas introduced Mr. Tellez Foster to give reports on Items III.D.1. – Item III.D.3. A discussion ensued.

(0:54:54) Mr. Kavounas introduced Mr. Nakano to give a report on Item III.D.4. A discussion ensued.

(1:08:41) Mr. Kavounas introduced Ms. Truong to give a report on Watermaster website update.

(1:09:41) Mr. Kavounas announced Project LoveBox, a community hospital charity effort supporting sick children and their families that staff is participating in, and inviting all to join in if they so desire.

IV. INFORMATION

- 1. Cash Disbursements for March 2017
- 2. Recharge Investigations and Projects Committee (RIPCom)
- 3. Ground-Level Monitoring Status Report (Quarterly)
- 4. South Archibald and Chino Airport Plumes Status Report (Quarterly)

- 5. RMPU Status Report (Quarterly)
- 6. Santa Ana River Watershed Status Report (Quarterly)

V. POOL DISCUSSION

- 1. Chairman's Update
- 2. Pool Member Comments
- 3. Prior Month's Compensation Form

None

VI. OTHER BUSINESS

None

VII. CONFIDENTIAL SESSION - POSSIBLE ACTION

Vice- Chair Pierson called for a confidential session at 2:44 p.m. to discuss Pool business and Consent Calendar Item I.E., Applications for Local Supplemental Storage Agreement. Confidential session concluded at 3:48 p.m. with no reportable action.

The Pool discussed Consent Calendar Item I.E. and the action is noted in sequence above.

ADJOURNMENT

Vice-Chair Pierson adjourned the Agricultural Pool meeting at 3:54 p.m.

	Secretary:
Approved:	

DRAFT MINUTES CHINO BASIN WATERMASTER AGRICULTURAL POOL SPECIAL MEETING

April 26, 2017

The Agricultural Pool special meeting was held at the offices of the Milk Producer's Council located at 13545 S. Euclid Avenue, Ontario CA and via conference call on April 26, 2017.

Dairy Dairy

AGRICULTURAL POOL MEMBERS PRESENT

Bob Feenstra, Chair

Nathan deBoom

OTHERS PRESENT			
Tracy Egoscue	Egoscue Law Group		
AGRICULTURAL POOL MEMBERS PRESENT ON CAL	=		
Jeff Pierson, Vice-Chair	Crops		
Lawrence Dimock	State of California – CIM		
Pete Hall	State of California – CIM		
Bob Page	County of San Bernardino		
John Huitsing	Dairy		
Carol Boyd	State of California – CIM		
WATERMASTER BOARD MEMBERS PRESENT ON CA	LL		
Geoffery Vanden Huevel	 Dairy		
Paul Hofer	Crops		
OTHERS PRESENT ON CALL			
Richard Rees	AMEC		
Peter Thyberg	State of California – CIM		
Marilyn Levin	State of California – DOJ		
CALL TO ORDER			
Chair Feenstra called the Agricultural Pool special meeting	to order at 1:00 p.m.		
AGENDA - ADDITIONS/REORDER			
None			
None			
I. CONFIDENTIAL SESSION - POSSIBLE ACTION			
	ol husiness. Confidential session concluded at		
3:08 p.m. with no reportable action.	The Pool went into confidential session to discuss Pool business. Confidential session concluded at 3:08 p.m. with no reportable action.		
ADJOURNMENT			
Chair Feenstra adjourned the Agricultural Pool special me	eting at 3:08 n m		
Chair reenstra adjourned the Agricultural roof special me	eting at 3.00 p.m.		
Secretary			
Approved:			

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CHINO BASIN WATERMASTER

I. <u>CONSENT CALENDAR</u> (App & Ag Pool)

B. FINANCIAL REPORTS

- 1. Cash Disbursements for the month of March 2017
- 2. Watermaster VISA Check Detail for the month of March 2017
- 3. Combining Schedule for the Period July 1, 2016 through March 31, 2017
- 4. Treasurer's Report of Financial Affairs for the Period March 1, 2017 through March 31, 2017
- 5. Budget vs. Actual Report for the Period July 1, 2016 through March 31, 2017

I. <u>BUSINESS ITEM ROUTINE</u> (Non-Ag Pool)

B. FINANCIAL REPORTS

- 1. Cash Disbursements for the month of March 2017
- 2. Watermaster VISA Check Detail for the month of March 2017
- 3. Combining Schedule for the Period July 1, 2016 through March 31, 2017
- 4. Treasurer's Report of Financial Affairs for the Period March 1, 2017 through March 31, 2017
- 5. Budget vs. Actual Report for the Period July 1, 2016 through March 31, 2017



CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.

General Manager

STAFF REPORT

DATE:

May 11, 2017

TO:

Pool Committee Members

SUBJECT:

Cash Disbursement Report - Financial Report B1 (March 31, 2017)

SUMMARY

Issue: Record of Cash Disbursements for the month of March 31, 2017.

Recommendation: Receive and file Cash Disbursements for March 31, 2017 as presented.

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

Budget.

Future Consideration

Appropriative Pool - May 11, 2017: Receive and File Non-Agricultural Pool - May 11, 2017: Receive and File Agricultural Pool - May 11, 2017: Receive and File Advisory Committee - May 18, 2017: Receive and File

Watermaster Board - May 25, 2017: Receive and File (Normal Course of Business)

<u>ACTIONS:</u> Appropriative Pool – May 11, 2017: Non-Agricultural Pool - May 11, 2017: Agricultural Pool - May 11, 2017: Advisory Committee - May 18, 2017: Watermaster Board - May 25, 2017:

BACKGROUND

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

DISCUSSION

Total cash disbursements during the month of March 2017 were \$917,677.00.

The most significant expenditures during the month were to Inland Empire Utilities Agency in the amounts of \$138,788.73 and \$243,510.82 (check number 20008 dated March 15, 2017 and check number 20019 dated March 27, 2017); Wildermuth Environmental, Inc. in the amount of \$258,015.63 (check number 19971 dated March 6, 2017); and Brownstein Hyatt Farber Schreck in the amount of \$67,755.20 (check number 20000 dated March 8, 2017).

ATTACHMENTS

1. Financial Report - B1

	Туре	Date	Num	Name	Memo	Account	Paid Amount
	Bill Pmt -Check	03/02/2017	ACH 030217	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
	General Journal	02/25/2017	02/25/2017	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 02/12/17-02/25/17	2000 · Accounts Payable	6,468.62
TOTA	L					•	6,468.62
	Bill Pmt -Check	03/03/2017	ACH 030317	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
	Bill	02/01/2017	1394905143		Annual Unfunded Accrued Liability	60180 · Employers PERS Expense	3,590.95
TOTA	L						3,590.95
	Bill Pmt -Check	03/06/2017	19971	WILDERMUTH ENVIRONMENTAL INC		1012 ⋅ Bank of America Gen'l Ckg	
	Bill	01/31/2017	2017000		2017000	6906.31 · OBMP-Pool, Adv. Board Mtgs	8,666.42
	Bill	01/31/2017	2017001		2017001	6906.32 · OBMP-Other General Meetings	18,717.65
	Bill	01/31/2017	2017002		2017002	6906.74 · OBMP-Mat'l Phy. Injury Requests	3,703.10
	Bill	01/31/2017	2017003		2017003	6906.71 · OBMP-Data ReqCBWM Staff	1,749.33
	Bill	01/31/2017	2017004		2017004	6906.71 · OBMP-Data ReqCBWM Staff	6,668.26
	Bill	01/31/2017	2017005		2017005	6906.72 · OBMP-Data ReqNon CBWM Staff	237.00
	Bill	01/31/2017	2017006		2017006	6906.23 · SGMA Reporting Requirements	6,354.50
	Bill	01/31/2017	2017007		2017007	6906 · OBMP Engineering Services	2,752.75
70	Bill	01/31/2017	2017008		2017008	6906.1 · OBMP-Watermaster Model Update	60,906.70
	Bill	01/31/2017	2017009		2017009	6906.24 · Compliance-SB88 and SWRCB	402.15
9	Bill	01/31/2017	2017010		2017010	6906.81 · Prepare 38th/39th Annual Rpts	5,557.10
	Bill	01/31/2017	2017011		2017011	6906.21 · State of the Basin Report	6,502.65
	Bill	01/31/2017	2017012		2017012	7103.3 · Grdwtr Qual-Engineering	6,830.56
	Bill	01/31/2017	2017013		2017013	7104.3 · Grdwtr Level-Engineering	12,921.98
	Bill	01/31/2017	2017014		Neva Ridge	7107.3 · Grd Level-SAR Imagery	17,000.00
	Bill	01/31/2017	2017015		2017015	7107.2 · Grd Level-Engineering	4,088.16
					Parsons Brinckerhoff, Inc.	7107.6 · Grd Level-Contract Svcs	10,868.05
	Bill	01/31/2017	2017016		2017016	7108.3 · Hydraulic Control-Engineering	690.37
	Bill	01/31/2017	2017017		2017017	7108.3 · Hydraulic Control-Engineering	1,331.24
	Bill	01/31/2017	2017018		2017018	7108.3 · Hydraulic Control-Engineering	201.70
	Bill	01/31/2017	2017019		2017019	7108.31 · Hydraulic Control - PBHSP	32,900.56
	Bill	01/31/2017	2017020		2017020	7202.2 · Engineering Svc	10,490.21
	Bill	01/31/2017	2017021		2017021	7402 · PE4-Engineering	6,198.80
	Bill	01/31/2017	2017022		2017022	7402.10 · PE4 - Northwest MZ1 Area Proj.	13,437.07
	Bill	01/31/2017	2017023		2017023	7502 · PE6&7-Engineering	468.80
	Bill	01/31/2017	2017024		2017024	7602 · PE8&9-Engineering	2,189.75
	Bill	01/31/2017	2017025		100% CBWM	7108.31 · Hydraulic Control - PBHSP	16,180.77
TOTA	L					-	258,015.63
	Bill Pmt -Check	03/06/2017	19972	APPLIED COMPUTER TECHNOLOGIES	2785	1012 · Bank of America Gen'l Ckg	

	Туре	Date	Num	Name	Memo	Account	Paid Amount
	Bill	02/28/2017	2785		Database Consulting - February 2017	6052.2 · Applied Computer Technol	3,628.40
TOTA	L						3,628.40
	Bill Pmt -Check	03/06/2017	19973	FRONTIER COMMUNICATIONS	909-484-3890-050914-5	1012 · Bank of America Gen'l Ckg	
	Bill	02/21/2017	90948438900509145		Office fax/main services	6022 · Telephone	137.94
TOTA	L						137.94
	Bill Pmt -Check	03/06/2017	19974	GREAT AMERICA LEASING CORP.		1012 · Bank of America Gen'l Ckg	
	Bill	01/31/2017	20173290		Invoice for January 2017	6043.1 · Ricoh Lease Fee	2,553.68
					Documentation fee	6043.1 · Ricoh Lease Fee	109.50
					Transitional billing 12/21/16-1/09/17	6043.1 · Ricoh Lease Fee	1,702.45
	Bill	02/28/2017	20173290		Invoice for February 2017	6043.1 · Ricoh Lease Fee	2,553.68
TOTA	L						6,919.31
	Bill Pmt -Check	03/06/2017	19975	JOHN J. SCHATZ	Appropriative Pool Legal Services	1012 · Bank of America Gen'l Ckg	
	Bill	02/28/2017			October 2016	8367 · Legal Service	5,786.00
					November 2016	8367 · Legal Service	4,184.00
					December 2016	8367 · Legal Service	2,594.00
70					January 2017	8367 · Legal Service	4,300.00
	L						16,864.00
	Bill Pmt -Check	03/06/2017	19976	LEGAL SHIELD	0111802	1012 · Bank of America Gen'l Ckg	
	Bill	02/21/2017	0111802		Employee deductions - February 2017	60194 · Other Employee Insurance	79.70
TOTA	L						79.70
	Bill Pmt -Check	03/06/2017	19977	LEVEL 3 COMMUNICATIONS	52070450	1012 · Bank of America Gen'l Ckg	
	Bill	02/22/2017	52010450		2/17/17-3/16/17	6053 · Internet Expense	1,044.83
TOTA	L						1,044.83
	Bill Pmt -Check	03/06/2017	19978	LOEB & LOEB LLP	Non-Ag Pool Legal Services	1012 · Bank of America Gen'l Ckg	
	Bill	02/28/2017	1701696		December 2016	8567 · Non-Ag Legal Service	2,239.25
	Bill	02/28/2017	1705168		January 2017	8567 · Non-Ag Legal Service	2,675.25
TOTA	L						4,914.50
	Bill Pmt -Check	03/06/2017	19979	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
	Bill	03/01/2017	1394905143		Annual Unfunded Accrued Liability	60180 · Employers PERS Expense	3,590.95
TOTA	L				-	• • • • • • • • • • • • • • • • • • •	3,590.95
,,							,
	Bill Pmt -Check	03/06/2017	19980	RR FRANCHISING, INC.	35853	1012 · Bank of America Gen'l Ckg	
	Bill	03/01/2017	35853		Monthly service - March 2017	6024 · Building Repair & Maintenance	740.00

	Туре	Date	Num	Name	Memo	Account	Paid Amount
TOTA	L						740.00
	Bill Pmt -Check	03/06/2017	19981	STANDARD INSURANCE CO.	Policy # 00-649299-0009	1012 · Bank of America Gen'l Ckg	
	Bill	02/21/2017	006492990009	OTANDARD INCORNICE CO.	Policy # 00-649299-0009	60191 · Life & Disab.Ins Benefits	725.05
TOTA	L						725.05
	Bill Pmt -Check	03/06/2017	19982	STAPLES BUSINESS ADVANTAGE	8043231874	1012 · Bank of America Gen'l Ckg	
	Bill	02/18/2017	8043231874		Miscellaneous office supplies	6031.7 · Other Office Supplies	117.46
TOTA	L						117.46
	Bill Pmt -Check	03/06/2017	19983	STATE COMPENSATION INSURANCE FUND	1970970-16	1012 · Bank of America Gen'l Ckg	
	Bill	03/01/2017	1970970-16		Premium for 2/26/17-3/26/17	60183 · Worker's Comp Insurance	910.00
TOTA	L						910.00
	Bill Pmt -Check	03/06/2017	19984	VERIZON WIRELESS	9780282519	1012 · Bank of America Gen'l Ckg	
	Bill	02/21/2017	9780282519		Acct #642073270-00001	7103.7 · Grdwtr Qual-Computer Svc	100.12
TOTA	L						100.12
	D:::: D	00/00/004	4000	1/0/01/07PV/07 PV 4V		1010 5 1 14 1 0 1101	
P21	Bill Pmt -Check Bill	03/06/2017 02/28/2017	19985 001017890001	VISION SERVICE PLAN	00-101789-0001 Vision Insurance - March 2017	1012 · Bank of America Gen'l Ckg 60182.2 · Dental & Vision Ins	85.60
─ TOTA		02/20/2017	001017690001		VISION INSUITABLE - MAICH 2017	00102.2 Delital & Vision ins	85.60
IOIA	L						65.60
	Bill Pmt -Check	03/06/2017	19986	YUKON DISPOSAL SERVICE	08-K2 213849	1012 ⋅ Bank of America Gen'l Ckg	
	Bill	03/02/2017	08-k2 213849		March 2017	6024 · Building Repair & Maintenance	111.57
TOTA	L						111.57
	Bill Pmt -Check	03/08/2017	19987	BOWCOCK, ROBERT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
	Bill	02/23/2017	2/23 Board Meeting		2/23/17 Board Meeting	6311 · Board Member Compensation	125.00
TOTA	L .						125.00
	Bill Pmt -Check	03/08/2017	19988	CURATALO, JAMES	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
	Bill	02/03/2017	2/03 Planning Mtg		2/03/17 Board Retreat Planning Meeting	6311 · Board Member Compensation	125.00
	Bill	02/09/2017	2/09 Appro Pool Mtg		2/09/17 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00
	Bill Bill	02/21/2017	2/21 Board Agenda		2/21/17 Board Agenda Preview Meeting	6311 · Board Member Compensation 6311 · Board Member Compensation	125.00 125.00
TOTA		02/23/2017	2/23 Board Mtg		2/23/17 Board Meeting	6511 Doard Member Compensation	500.00
IOIA	L						300.00
	Bill Pmt -Check	03/08/2017	19989	DE BOOM, NATHAN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
	Bill	02/09/2017	2/09 Special Ag Mtg	•	2/09/17 Special Ag Pool Meeting	8411 · Compensation	25.00
			. 2 0		2/09/17 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00

	Туре	Date	Num	Name	Memo	Account	Paid Amount
	Bill	02/09/2017	2/09 Ag Pool Mtg		2/09/17 Ag Pool Meeting	8411 · Compensation	25.00
					2/09/17 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTA	L						250.00
	Bill Pmt -Check	03/08/2017	19990	DI DRIVATO DODERT	Doord Marchae Communities	4040 Bank of Arravice Capil Cha	
	Bill	03/06/2017	2/21 Board Agenda	DI PRIMIO, ROBERT	Board Member Compensation 2/21/17 Board Agenda Preview Meeting	1012 · Bank of America Gen'l Ckg	125.00
	Bill	02/21/2017	2/23 Board Meeting		2/23/17 Board Agerida Preview Meeting 2/23/17 Board Meeting	6311 · Board Member Compensation 6311 · Board Member Compensation	125.00
TOTA		02/23/2017	2/23 Board Meeting		2/23/17 Board Meeting	6311 · Board Member Compensation	250.00
	Bill Pmt -Check	03/08/2017	19991	ELIE, STEVEN	Board Member Compensation	1012 ⋅ Bank of America Gen'l Ckg	
	Bill	02/23/2017	2/23 Board Meeting		12/23/17 Board Meeting	6311 · Board Member Compensation	125.00
TOTA	L						125.00
	Bill Pmt -Check	03/08/2017	19992	FILIPPI, GINO	Board Member Compensation	1012 ⋅ Bank of America Gen'l Ckg	
	Bill	02/23/2017	2/23 Board Meeting	The Ti, Citto	2/23/17 Board Meeting	6311 · Board Member Compensation	125.00
TOTA							125.00
, , , , ,							120.00
	Bill Pmt -Check	03/08/2017	19993	HUITSING, JOHN	Ag Pool Member Compensation	1012 ⋅ Bank of America Gen'l Ckg	
70	Bill	02/09/2017	2/09 Ag Pool Mtg		2/09/17 Ag Pool Meeting	8411 · Compensation	25.00
22 TOTA					2/09/17 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTA	L						125.00
	Bill Pmt -Check	03/08/2017	19994	PIERSON, JEFFREY	Ag Pool Member Compensation	1012 ⋅ Bank of America Gen'l Ckg	
	Bill	02/09/2017	02/09 Special Ag Mtg		2/09/17 Special Ag Pool Meeting	8411 · Compensation	25.00
					2/09/17 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
	Bill	02/09/2017	2/09 Ag Pool Meeting		2/09/17 Ag Pool Meeting	8411 · Compensation	25.00
					2/09/17 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
	Bill	02/16/2017	2/16 Advisory Comm		2/16/17 Advisory Committee Meeting	8411 · Compensation	25.00
					2/16/17 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTA	L						375.00
	Bill Pmt -Check	03/08/2017	19995	PREMIERE GLOBAL SERVICES	23083244	1012 · Bank of America Gen'l Ckg	
	Bill	02/28/2017	23083244	PREMIERE GEODAL SERVICES	SAR Matters call on 2/03	6909.1 · OBMP Meetings	7.44
	Dill.	02/20/2011	20000244		Non-Ag Pool meeting call on 2/09	8512 · Meeting Expense	25.87
					RIPCom call on 2/16	7204 · Comp Recharge-Supplies	6.06
					RIPCom call on 2/23	7204 · Comp Recharge-Supplies	6.08
					RIPCom call on 2/23	7204 · Comp Recharge-Supplies	6.07
					Fee - General	6022 · Telephone	49.00
					Fee - Confidential	6022 · Telephone	49.00
					WM coordination call on 1/30	6909.1 · OBMP Meetings	16.42
						5	

	Туре	Date	Num	Name	Memo	Account	Paid Amount
		Britani			PBHSP call on 2/06	6909.1 · OBMP Meetings	29.56
					WM coordination call on 2/06	6909.1 · OBMP Meetings	6.07
					Pool mtgs check call on 2/08	8312 · Meeting Expenses	2.02
					Pool mtgs check call on 2/08	8412 · Meeting Expenses	2.02
					Pool mtgs check call on 2/08	8512 · Meeting Expense	2.01
					Pool mtgs check call on 2/08	8312 · Meeting Expenses	3.55
					Pool mtgs check call on 2/08	8412 · Meeting Expenses	3.55
					Pool mtgs check call on 2/08	8512 · Meeting Expense	3.53
					Storage call on 2/13	7604 · PE8&9-Supplies	9.24
					WM coordination call on 2/13	6909.1 · OBMP Meetings	6.05
					Storage call on 2/14	7604 · PE8&9-Supplies	10.13
					WM coordination call on 2/20	6909.1 · OBMP Meetings	6.07
					Board agenda preview call on 2/21	6312 · Meeting Expenses	9.03
					Service Fee	6022 · Telephone	5.70
TOTA	L						264.47
	Bill Pmt -Check	03/08/2017	19996	RBM LOCK & KEY	000081	1012 · Bank of America Gen'l Ckg	
	Bill	02/22/2017	000081		Purchase locks for well access	7104.6 · Grdwtr Level-Supplies	287.18
T Q TA	L						287.18
2							
ω	Bill Pmt -Check	03/08/2017	19997	READY REFRESH BY NESTLE	0023230253	1012 · Bank of America Gen'l Ckg	
	Bill	02/28/2017	0023230253		Office Water Bottle - February 2017	6031.7 · Other Office Supplies	53.86
TOTA	L						53.86
	Bill Pmt -Check	03/08/2017	19998	UNION 76	7076-2245-3035-5049	1012 · Bank of America Gen'l Ckg	
	Bill	02/28/2017	7076224530355049		February 2017	6175 · Vehicle Fuel	130.42
TOTA	L						130.42
	Bill Pmt -Check	03/08/2017	19999	VANDEN HEUVEL, GEOFFREY	Board Member Compensation	1012 ⋅ Bank of America Gen'l Ckg	
	Bill	02/09/2017	2/09 Ag Pool Mtg		2/09/17 Ag Pool Meeting	6311 · Board Member Compensation	125.00
	Bill	02/23/2017	2/23 Board Mtg		2/23/17 Board Meeting	6311 · Board Member Compensation	125.00
TOTA	L		-				250.00
	Bill Pmt -Check	03/08/2017	20000	BROWNSTEIN HYATT FARBER SCHRECK		1012 · Bank of America Gen'l Ckg	
	Bill	01/31/2017	669412		669412	6907.44 - SGMA Compliance	2,710.50
	Bill	01/31/2017	669413		669413	6907.42 · Safe Yield Recalculation	1,220.50
					Expenses	6907.42 · Safe Yield Recalculation	150.00
	Bill	01/31/2017	669414		669414	6907.40 · Storage Agreements	23,224.50
					Expenses	6907.40 · Storage Agreements	35.05
	Bill	01/31/2017	669415		669415	6907.39 · Recharge Master Plan	540.00
	-111	01/01/2017	300+10		555 110	221.121	

	Type	Date	Num	Name	Memo	Account	Paid Amount
	Bill	01/31/2017	669416		669416	6072 · BHFS Legal - Annotated Judgment	2,704.50
	Bill	01/31/2017	669417		669417	8575 · BHFS Legal - Non-Ag Pool	2,252.50
	Bill	01/31/2017	669418		669418	8475 · BHFS Legal - Agricultural Pool	2,252.50
	Bill	01/31/2017	669419		669419	8375 · BHFS Legal - Appropriative Pool	2,252.50
	Bill	01/31/2017	669420		669420	6375 · BHFS Legal - Board Meeting	10,116.00
					Expenses	6375 · BHFS Legal - Board Meeting	225.00
					Expenses	6375 · BHFS Legal - Board Meeting	35.05
	Bill	01/31/2017	669421		669421	6275 · BHFS Legal - Advisory Committee	1,402.50
					Expenses	6275 · BHFS Legal - Advisory Committee	35.05
	Bill	01/31/2017	669422		669422	6907.36 · Santa Ana River Habitat	3,214.00
	Bill	01/31/2017	669423		669423	6907.34 · Santa Ana River Water Rights	115.00
	Bill	01/31/2017	669424		Alvarez-CalPERS	6073 · BHFS Legal - Personnel Matters	1,958.50
	Bill	01/31/2017	669425		669425	6078 - BHFS Legal - Miscellaneous	10,981.50
					Expenses	8375 · BHFS Legal - Appropriative Pool	11.68
					Expenses	8475 · BHFS Legal - Agricultural Pool	11.68
					Expenses	8575 · BHFS Legal - Non-Ag Pool	11.69
					669425	6907.36 · Santa Ana River Habitat	2,295.00
TOTA	L						67,755.20
P2	General Journal	03/11/2017	03/11/2017	Payroll and Taxes for 02/26/17-03/11/17	Payroll and Taxes for 02/26/17-03/11/17	1012 · Bank of America Gen'l Ckg	
4					Direct Deposits for 02/26/17-03/11/17	1012 · Bank of America Gen'l Ckg	26,491.15
					Payroll Taxes for 02/26/17-03/11/17	1012 · Bank of America Gen'l Ckg	9,138.66
				ICMA-RC	457(f) Employee Deductions for 02/26/17-03/11/17	1012 · Bank of America Gen'l Ckg	4,399.88
				ICMA-RC	401(a) Employee Deductions for 02/26/17-03/11/17	1012 · Bank of America Gen'l Ckg	1,235.97
TOTA	L						41,265.66
	Check	03/15/2017	03/15/2017	Service Charge	Service Charge	1012 · Bank of America Gen'l Ckg	
				<u> </u>	Service Charge	6039.1 - Banking Service Charges	432.60
TOTA	AI.				·		432.60
,							
	Bill Pmt -Check	03/15/2017	20001	ACWA JOINT POWERS INSURANCE AUTHORIT	↑0457748	1012 · Bank of America Gen'l Ckg	
	Bill	03/09/2017	049797	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Prepayment - April 2017	1409 · Prepaid Life, BAD&D & LTD	138.38
	2	00,00,20,1	0,0,0,		March 2017	60191 Life & Disab.Ins Benefits	141.14
TOTA	NI.						279.52
1017	. _						
	Bill Pmt -Check	03/15/2017	20002	CLEAN TECH SERVICES	7512	1012 · Bank of America Gen'l Ckg	
	Bill	03/06/2017	7512		Window cleaning, hard water spot removal	6024 · Building Repair & Maintenance	370.00
TOTA		55,55,251					370.00
1017	\ <u>_</u>						3, 3, 3,
	Bill Pmt -Check	03/15/2017	20003	COMPUTER NETWORK	102196	1012 · Bank of America Gen'l Ckg	
	Dill Fillt -Offeck	03/13/2017	20003	CONTROLL WORK	102.100	10.12 22 017 monda 20 2.Ng	

	Туре	Date	Num	Name	Memo	Account	Paid Amount
	Bill	03/08/2017	102196		Computer fan replacement - Nakano	6055 · Computer Hardware	35.00
TOTA	L		•				35.00
	Bill Pmt -Check	03/15/2017	20004	CORELOGIC INFORMATION SOLUTIONS	81781875	1012 · Bank of America Gen'l Ckg	
	Bill	02/28/2017	81781875		81781875	7103.7 · Grdwtr Qual-Computer Svc	62.50
				•	81781875	7101.4 · Prod Monitor-Computer	62.50
TOTA	L						125.00
	Bill Pmt -Check	03/15/2017	20005	DE HAAN, HENRY	Ag Pool Member Compensation	1012 - Bank of America Gen'l Ckg	
	Bill	02/09/2017	2/09 Special Ag Mtg		2/09/17 Special Ag Pool Meeting	8411 · Compensation	25.00
					2/09/17 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
	Bill	02/09/2017	2/09 Ag Pool Mtg		2/09/17 Ag Pool Meeting	8411 · Compensation	25.00
					2/09/17 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTA	AL.						250.00
	Bill Pmt -Check	03/15/2017	20006	EGOSCUE LAW GROUP	11531	1012 · Bank of America Gen'l Ckg	20.750.00
	Bill	02/28/2017	11531		Ag Pool Legal Services - February 2017	8467 · Ag Legal & Technical Services	29,750.00
TOTA	AL.						29,750.00
Р2	D	00/4 5/0045		FIRST LEGAL NETWORK LLG	40008576	1012 · Bank of America Gen'l Ckg	
ဟိ	Bill Pmt -Check Bill	03/15/2017 02/28/2017	20007 40008576	FIRST LEGAL NETWORK LLC	Filings on 2/17/17 and 2/23/17, pickup 2/17/17	6061.5 · Court Filing Services	328.54
TOT.		02/28/2017	40006576		Fillings of 2/1//// and 2/25/1/, pickup 2/1////	0001.3 Court limig dervices	328.54
TOTA	AL.						320.34
	Bill Pmt -Check	03/15/2017	20008	INLAND EMPIRE UTILITIES AGENCY	90019721	1012 · Bank of America Gen'l Ckg	
	Bill	03/15/2017	90019721	merato em me oriente monto.	Groundwater Recharge O&M cost reimbursement		217,185.73
	Bill	03/15/2017	90019763		FY 2015/16 O&M Reconcilliation	7206 · Comp Recharge-O&M	-78,397.00
TOTA						· -	138,788.73
	Bill Pmt -Check	03/15/2017	20009	LOEB & LOEB LLP	1708659	1012 · Bank of America Gen'l Ckg	
	Bill	02/28/2017	1708659		Non-Ag Pool Legal Service - February 2017	8567 · Non-Ag Legal Service	7,764.75
TOTA	NL						7,764.75
	Bill Pmt -Check	03/15/2017	20010	MINDSHIFT	0240802	1012 ⋅ Bank of America Gen'l Ckg	
	Bill	03/01/2017	0240802		IT Managed Services	6052.4 · mindSHIFT-Managed Services	3,770.00
					Backup & Recovery	6052.5 · mindSHIFT-Data Backup/Storage	792.00
TOTA	AL						4,562.00
	Bill Pmt -Check	03/15/2017	20011	PAYCHEX	2017030200	1012 · Bank of America Gen'l Ckg	
	Bill	02/28/2017	2017030200		February 2017	6012 · Payroll Services	296.94
TOTA	AL.						296.94

	Туре	Date	Num	Name	Memo	Account	Paid Amount
	Bill Pmt -Check	03/15/2017	20012	VERIZON WIRELESS	9781488571	1012 · Bank of America Gen'l Ckg	
	Bill	03/15/2017	9781488571		Acct #470810953-00001	6022 · Telephone	336.88
TOTA	L						336.88
	Bill Pmt -Check	03/16/2017	ACH 031617	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 ⋅ Bank of America Gen'l Ckg	
	General Journal	03/11/2017	03/11/2017	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 02/26/17-03/11/17	2000 · Accounts Payable	1,480.43
TOTA	L						1,480.43
	Bill Pmt -Check	03/21/2017	20013	CHAMPION SECURITY	2059	1012 · Bank of America Gen'l Ckg	
	Bill	03/21/2017	2059		CCTV exterior system, cameras, installation	1840 · Capital Assets	5,460.00
TOTA	L						5,460.00
	General Journal	03/25/2017	03/25/2017	Payroll and Taxes for 03/12/17-03/25/17	Payroll and Taxes for 03/12/17-03/25/17	1012 · Bank of America Gen'l Ckg	
					Direct Deposits for 03/12/17-03/25/17	1012 · Bank of America Gen'l Ckg	23,072.87
					Payroll Taxes for 03/12/17-03/25/17	1012 · Bank of America Gen'l Ckg	7,735.91
				ICMA-RC	457(f) Employee Deductions for 03/12/17-03/25/17	1012 · Bank of America Gen'l Ckg	3,434.17
				ICMA-RC	401(a) Employee Deductions for 03/12/17-03/25/17	1012 · Bank of America Gen'l Ckg	1,235.97
T Q TAI	L						35,478.92
6	Bill Pmt -Check	03/27/2017	20014	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
	Bill	02/28/2017	XXXX-XXXX-XXXX-9341		Software for project mgmt.	6054 · Computer Software	177.00
					Miscellaneous office supplies	6031.7 · Other Office Supplies	365.08
					PK meeting w/M. Zvirbulis	8312 · Meeting Expenses	29.79
					Lunch for staff/consultants Ag Pool Mtg prep	8412 · Meeting Expenses	70.00
					Lunch for Ag Pool Special Meeting 2/09/17	8412 · Meeting Expenses	147.85
					Flowers for staff member	6031.7 · Other Office Supplies	63.55
					Pictures of new Board members, Pool Chairs	6312 · Meeting Expenses	300.00
					Pies for staff meeting 2/23/187	6141.3 · Admin Meetings	29.47
					PK meeting w/IEUA staff	8312 · Meeting Expenses	76.19
					Renewal of Amazon Prime membership	6111 · Membership Dues	106.67
					Renewal of GRA Membership-PK	6111 · Membership Dues	125.00
					Purchase portable heater for office	6031.7 · Other Office Supplies	21.55
					Tint windows in executive office	6031.7 · Other Office Supplies	480.75
TOTA	L						1,992.90
	Bill Pmt -Check	03/27/2017	20015	CALPERS	1394905143	1012 · Bank of America Gen'l Ckg	
	Bill	03/15/2017	1394905143		1394905143	60182.1 · Medical Insurance	8,172.69
TOTA	L						8,172.69

	Type	Date	Num	Name	Memo	Account	Paid Amount
	Bill Pmt -Check	03/27/2017	20016	CUCAMONGA VALLEY WATER DISTRICT	Lease due April 1, 2017	1012 · Bank of America Gen'l Ckg	
	Bill	03/16/2017			Lease due April 1, 2017	1422 · Prepaid Rent	6,447.61
TOTA	\L						6,447.61
	Bill Pmt -Check	03/27/2017	20017	FRONTIER COMMUNICATIONS	909-484-3890-050914-5	1012 · Bank of America Gen'l Ckg	
	Bill	03/16/2017	90948438900509145		Office fax, office lines	6022 · Telephone	142.96
TOTA	\L						142.96
	Bill Pmt -Check	03/27/2017	20018	GREAT AMERICA LEASING CORP.	20338692	1012 ⋅ Bank of America Gen'l Ckg	
	Bill	03/21/2017	20338692		Invoice - March 2017	6043.1 · Ricoh Lease Fee	2,553.68
TOTA	.L						2,553.68
	Bill Pmt -Check	03/27/2017	20019	INLAND EMPIRE UTILITIES AGENCY	90019770	1012 ⋅ Bank of America Gen'l Ckg	
	Bill	03/17/2017	90019770		Groundwater Recharge O&M cost-4th quarter	7206 · Comp Recharge-O&M	243,510.82
ТОТА	\L						243,510.82
	Bill Pmt -Check	03/27/2017	20020	LEGAL SHIELD	0111802	1012 · Bank of America Gen'l Ckg	
	Bill	03/22/2017	0111802		Employee deductions - March 2017	60194 · Other Employee Insurance	79.70
T OJ A	\L						79.70
7	Bill Pmt -Check	03/27/2017	20021	PRINTING RESOURCES	64030	1012 ⋅ Bank of America Gen'l Ckg	
	Bill	03/17/2017	64030		Nameplate - Kati Parker	6031.7 · Other Office Supplies	30.60
ATOT	\L						30.60
	Bill Pmt -Check	03/27/2017	20022	R&D PEST SERVICES	0212502	1012 · Bank of America Gen'l Ckg	
	Bill	03/16/2017	0212502		Pest control	6024 · Building Repair & Maintenance	100.00
TOTA	\L						100.00
	Bill Pmt -Check	03/27/2017	20023	RAUCH COMMUNICATION CONSULTANTS, LL	C Feb-1702	1012 ⋅ Bank of America Gen'l Ckg	
	Bill	02/28/2017	Feb-1702		Work thru January 31, 2017	6061.3 · Rauch	1,992.00
TOTA	L						1,992.00
	Bill Pmt -Check	03/27/2017	20024	RICOH USA, INC.	1068680919	1012 · Bank of America Gen'l Ckg	
	Bill	03/16/2017	1068680919		Install replacement WiFi Router-WMOFFICE	6052.6 · mindSHIFT/Ricoh-Services	416.88
TOTA	L						416.88
	Bill Pmt -Check	03/27/2017	20025	RON SHELLEY'S AUTOMOTIVE	9423	1012 ⋅ Bank of America Gen'l Ckg	
	Bill	03/15/2017	9423		Tire repair - Expedition	6177 · Vehicle Repairs & Maintenance	19.31
TOTA	AL.						19.31

	Туре	Date	Num	Name	Memo	Account	Paid Amount
	Bill Pmt -Check	03/27/2017	20026	SAN BERNARDINO COUNTY - DEPT. AIRPORTS	S Lease No. CNO0000773	1012 · Bank of America Gen'l Ckg	
	Bill	03/21/2017	Lease No. CNO000773		Annual rental payment to county for extensometer	s 7107.9 · Grd Level-Other	1,596.00
TOTAI	L						1,596.00
	Bill Pmt -Check	03/27/2017	20027	STANDARD INSURANCE CO.	Policy # 00-649299-0009	1012 · Bank of America Gen'l Ckg	705.05
TOT 4	Bill	03/22/2017	006492990009		Policy # 00-649299-0009	60191 · Life & Disab.Ins Benefits	725.05
TOTAI	L						725.05
	Bill Pmt -Check	03/27/2017	20028	STAPLES BUSINESS ADVANTAGE	8043561020	1012 · Bank of America Gen'l Ckg	
	Bill	03/11/2017	8043561020		Miscellaneous office supplies	6031.7 · Other Office Supplies	15.24
TOTA	L		Ť				15.24
	Bill Pmt -Check	03/27/2017	20029	STAULA, MARY L	VOID:	1012 - Bank of America Gen'l Ckg	
TOTA	L						0.00
	Bill Pmt -Check	03/27/2017	20030	TELLEZ-FOSTER, EDGAR	MILEAGE REIMBURSEMENT	1012 · Bank of America Gen'l Ckg	
	Bill	03/23/2017	2000	122221 33121, 23374	Mileage reimbursements to various meetings	6173 · Airfare/Mileage	104,33
TOTA	L				· ·	•	104.33
ס							
28	Bill Pmt -Check	03/27/2017	20031	UNITED HEALTHCARE	0043054114	1012 · Bank of America Gen'l Ckg	
•	Bill	03/15/2017	0043054114		Dental Insurance Premium - April 2017	60182.2 · Dental & Vision Ins	749.75
TOTA	L						749.75
	Bill Pmt -Check	03/27/2017	20032	VERIZON WIRELESS	9782027530	1012 · Bank of America Gen'l Ckg	
	Bill	03/27/2017	9782027530	VERIZON WIRELESS	Acct #642073270-00001	7103.7 · Grdwtr Qual-Computer Svc	100.08
TOTA		00/22/2017	37 02027 330		7,001, #04207,027,0-00001	7 100.7 Clawa Quai Computer CVC	100.08
	-						,,,,,,,
	Bill Pmt -Check	03/27/2017	20033	STAULA, MARY L	Retiree Medical	1012 · Bank of America Gen'l Ckg	
	Bill	03/31/2017				60182.4 · Retiree Medical	22.24
TOTA	L						22.24
	Bill Pmt -Check	03/30/2017	ACH 033017	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	4 490 49
TOTA	General Journal	03/25/2017	17/03/06	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 03/12/17-03/25/17	2000 · Accounts Payable	1,480.43
TOTA	L						1,400.43
	General Journal	03/31/2017	03/31/2017	Wage Works FSA Direct Debits - March 2017	Wage Works FSA Direct Debits - March 2017	1012 · Bank of America Gen'l Ckg	
					Wage Works FSA Direct Debits - March 2017	1012 · Bank of America Gen'l Ckg	638.75
					Wage Works FSA Direct Debits - March 2017	1012 · Bank of America Gen'l Ckg	400.00
					Wage Works FSA Direct Debits - March 2017	1012 · Bank of America Gen'l Ckg	638.75
					Wage Works FSA Direct Debits - March 2017	1012 · Bank of America Gen'l Ckg	81.50

	Type	Date	Num	Name	Memo	Account	Paid Amount
present the second	THE RESERVE OF CHIEF AND OF	and the second second second	The commence of the second section is the second section of the second section of the second section s	Control of the second of the s	ACTION OF THE CONTRACT OF T		
TOTAL							1,759.00
101712							.,
						Total Disbursements:	917,677.00

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CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.

General Manager

STAFF REPORT

DATE:

May 11, 2017

TO:

Pool Committee Members

SUBJECT:

VISA Check Detail Report - Financial Report B2 (March 31, 2017)

SUMMARY

Issue: Record of VISA credit card payment disbursed for the month of March 31, 2017.

Recommendation: Receive and file VISA Check Detail Report for March 31, 2017 as presented.

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

Budget.

Future Consideration

Appropriative Pool – May 11, 2017: Receive and File Non-Agricultural Pool – May 11, 2017: Receive and File Agricultural Pool – May 11, 2017: Receive and File Advisory Committee – May 18, 2017: Receive and File

Watermaster Board - May 25, 2017: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – May 11, 2017: Non-Agricultural Pool – May 11, 2017: Agricultural Pool – May 11, 2017: Advisory Committee – May 18, 2017: Watermaster Board – May 25, 2017:

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 disbursements during the month of March 2017 were \$1,992.90. The payment was processed in the amount of \$1,992.90 (by check number 20014 dated March 27, 2017). The monthly charges for March 2017 of \$1,992.90 were for routine and customary expenditures and properly documented with receipts.

ATTACHMENTS

1. Financial Report - B2

CHINO BASIN WATERMASTER VISA Check Detail Report March 2017

Туре	Num	Date	Name	Memo	Account	Paid Amount
Bill Pmt -Check	03/27/2017	20014	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	02/28/2017	xxxx-xxxx-xx	(XX-9341	Software for project mgmt.	6054 · Computer Software	177.00
				Miscellaneous office supplies	6031.7 · Other Office Supplies	365.08
				PK meeting w/M. Zvirbulis	8312 · Meeting Expenses	29.79
				Lunch for staff/consultants Ag Pool Mtg prep	8412 · Meeting Expenses	70.00
				Lunch for Ag Pool Special Meeting 2/09/17	8412 · Meeting Expenses	147.85
				Flowers for staff member	6031.7 · Other Office Supplies	63.55
				Pictures of new Board members, Pool Chairs	6312 · Meeting Expenses	300.00
				Pies for staff meeting 2/23/187	6141.3 · Admin Meetings	29.47
				PK meeting w/IEUA staff	8312 · Meeting Expenses	76.19
				Renewal of Amazon Prime membership	6111 · Membership Dues	106.67
				Renewal of GRA Membership-PK	6111 · Membership Dues	125.00
				Purchase portable heater for office	6031.7 · Other Office Supplies	21.55
				Tint windows in executive office	6031.7 · Other Office Supplies	480.75
					Total Disbursements:	1,992.90

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PETER KAVOUNAS, P.E. General Manager

STAFF REPORT

DATE:

May 11, 2017

TO:

Pool Committee Members

SUBJECT:

Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period

July 1, 2016 through March 31, 2017 - Financial Report B3 (March 31, 2017)

SUMMARY

<u>Issue</u>: Record of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2016 through March 31, 2017.

<u>Recommendation</u>: Receive and file Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2016 through March 31, 2017 as presented.

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

Future Consideration

Appropriative Pool – May 11, 2017: Receive and File Non-Agricultural Pool – May 11, 2017: Receive and File Agricultural Pool – May 11, 2017: Receive and File Advisory Committee – May 18, 2017: Receive and File

Watermaster Board - May 25, 2017: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – May 11, 2017: Non-Agricultural Pool – May 11, 2017: Agricultural Pool – May 11, 2017: Advisory Committee – May 18, 2017: Watermaster Board – May 25, 2017:

BACKGROUND

A Combining Schedule of Revenue, Expenses and Changes in Net Assets for the period July 1, 2016 through March 31, 2017 is provided to keep all members apprised of the FY 2016/17 cumulative Watermaster revenues, expenditures and changes in net assets for the period listed.

DISCUSSION

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

ATTACHMENTS:

1. Financial Report - B3

CHINO BASIN WATERMASTER COMBINING SCHEDULE OF REVENUE, EXPENSES AND CHANGES IN NET ASSETS FOR THE PERIOD JULY 1, 2016 THROUGH MARCH 31, 2017

		OPTIMUM	POOL ADMINISTRA	ATION & SPECIA	L PROJECTS			GASB 68		AMENDED
	WATERMASTER	BASIN	APPROPRIATIVE	AG	NON-AG	GROUNDWATER	LAIF	BEG. NET	GRAND	BUDGET
	ADMINISTRATION	MANAGEMENT	POOL	POOL	POOL	REPLENISHMENT	VALUE ADJ.	POSITION	TOTALS	2016-2017
Administrative Revenues: Administrative Assessments Interest Revenue			10,059,406 45,673	2,491	255,682 543				10,315,088 48,708	10,314,656 19,890
Mutual Agency Project Revenue Miscellaneous Income	159,631								159,631 	158,923 0_
Total Revenues	159,631	-	10,105,079	2,491	256,226	_	-	_	10,523,427	10,493,469
Administrative & Project Expenditures: Watermaster Administration Watermaster Board-Advisory Committee Ag Pool Misc. Expense - Ag Fund Pool Administration	1,195,735 137,631		95,251	546 221,433	67,466				1,195,735 137,631 546 384,150	1,286,992 202,053 400 569,293
Optimum Basin Mgmt Administration OBMP Project Costs Debt Service Basin Recharge Improvements		1,283,696 2,465,635 386,803 664,667	00,201	221,100	31,100				1,283,696 2,465,635 386,803 664,667	1,727,519 3,811,606 465,200 5,060,744
Total Administrative/OBMP Expenses Net Administrative/OBMP Expenses	1,333,366 (1,173,735)	4,800,801 (4,800,801)	95,251	221,433	67,466	-	-	_	6,518,863	13,123,806
Allocate Net Admin Expenses To Pools	1,173,735		883,239	257,066	33,430				-	
Allocate Net OBMP Expenses To Pools Allocate Debt Service to App Pool Allocate Basin Recharge to App Pool		3,749,331 386,803 664,667	2,821,383 386,803 664,667	821,160	106,788				- -	
Agricultural Expense Transfer*	•		1,299,659	(1,299,659)					**	
Total Expenses		1	6,151,002	546	207,685	-	-		6,518,863 4,004,564	13,123,806
Net Administrative Income			3,954,078	1,945	48,541	-	_		4,004,564	(2,630,337)
Other Income/(Expense) Replenishment Water Assessments Desalter Replenishment Obligation Non-Ag Stored Water Purchases						858,227 116,635			858,227 116,635 -	0 0 0
Exhibit "G" Non-Ag Pool Water Interest Revenue MWD Water Purchases Non-Ag Stored Water Purchases			570,000			7,759			570,000 7,759 - -	0 0 0 0
Exhibit "G" Non-Ag Pool Water MWD Water Purchases			(570,000)						(570,000)	0
Groundwater Replenishment LAIF - Fair Market Value Adjustment						(2,479,480)	_		(2,479,480)	0 0
Other Post-Employment Benefits (OPEB) Refund-Excess Reserves			(31,189)		(3,509)				(34,698) (155,824)	0 0 0
Refund-Recharge Debt SB 222 Funds Used Net Other Income/(Expense)			(155,824) (153,744) (340,757)	-	(4,507) (8,016)	(1,496,860)	-	-	(158,251) (1,845,633)	0
Net Transfers To/(From) Reserves		2,158,931	3,613,321	1,945	40,525	(1,496,860)	-	_	2,158,931	(2,630,337)
Net Assets, July 1, 2016 Net Assets, End of Period		-	7,493,337 11,106,658	483,176 485,121	79,969 120,494	2,465,056 968,197	3,308 3,308	(740,195) (740,195)	9,784,651 11,943,582	11,943,582
15/16 Assessable Production 15/16 Production Percentages			89,906.000 75.250%	26,167.031 21.902%	3,402.908 2.848%	VVV, 101	3,330	(-15,155)	119,475.939 100.000%	

^{*}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

PETER KAVOUNAS, P.E. General Manager

STAFF REPORT

DATE:

May 11, 2017

TO:

Pool Committee Members

SUBJECT:

Treasurer's Report of Financial Affairs for the Period March 1, 2017 through March 31,

2017 - Financial Report B4 (March 31, 2017)

SUMMARY

<u>Issue</u>: Record of increases or decreases in the cash position, assets and liabilities of Watermaster for the Period of March 1, 2017 through March 31, 2017.

<u>Recommendation</u>: Receive and file Treasurer's Report of Financial Affairs for the Period March 1, 2017 through March 31, 2017 as presented.

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

Future Consideration

Appropriative Pool – May 11, 2017: Receive and File Non-Agricultural Pool – May 11, 2017: Receive and File Agricultural Pool – May 11, 2017: Receive and File Advisory Committee – May 18, 2017: Receive and File

Watermaster Board - May 25, 2017: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – May 11, 2017: Non-Agricultural Pool – May 11, 2017: Agricultural Pool – May 11, 2017: Advisory Committee – May 18, 2017: Watermaster Board – May 25, 2017:

BACKGROUND

A Treasurer's Report of Financial Affairs for the Period March 1, 2017 through March 31, 2017 is provided to keep all members apprised of the total cash in banks (Bank of America, LAIF, and CalTRUST) and on hand at the Watermaster office (petty cash) at the end of the period stated. The Treasurer's Report details the change (increase or decrease) in the overall cash position of Watermaster, as well as the changes (increase or decrease) to the assets and liabilities section of the balance sheet. The report also provides a detailed listing of all deposits and/or withdrawals in the California State Treasurer's Local Agency Investment Fund (LAIF) and/or CalTRUST, the most current effective yield as of the last quarter, and the ending balance in LAIF as of the reporting date.

DISCUSSION

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

ATTACHMENTS

1. Financial Report - B4

CHINO BASIN WATERMASTER TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD MARCH 1, 2017 THROUGH MARCH 31, 2017

DEPOSITORIES:				
Cash on Hand - Petty Cash			\$	500
Bank of America				
Governmental Checking-Demand Deposits		\$ 545,148		
Zero Balance Account - Payroll		\$ -		545,148
Local Agency Investment Fund - Sacramento			13	3,606,582
TOTAL CASH IN BANKS AND ON HAND	3/31/2017		\$ 14	1,152,230
TOTAL CASH IN BANKS AND ON HAND	2/28/2017		15	5,069,907
PERIOD INCREASE (DECREASE)			\$	(917,677)

CHANGE IN CASH POSITION DUE TO:

Decrease/(Increase) in Assets:	Decrease/(Increase) in Assets: Accounts Receivable \$					
	Assessments Receivable		(570,000)			
	Prepaid Expenses, Deposits & Other Current Assets		(4,116)			
(Decrease)/Increase in Liabilities	Accounts Payable		677,261			
,	Accrued Payroll, Payroll Taxes & Other Current Liabilities		(231,361)			
	Long Term Liabilities		2,391			
	Transfer to/(from) Reserves		(763,784)			

	Petty Cash			Sovt'l Checking Demand	•			Local Agency vestment Funds	Totals	
SUMMARY OF FINANCIAL TRANSACTIONS: Balances as of 2/28/2017 Deposits Transfers Withdrawals/Checks	\$	500 - - -	\$	427,825 1,035,000 (129,776) (787,901)	\$	- (98,652) 98,652	\$	14,641,582 - (1,035,000) -	\$	15,069,907 1,035,000 (1,263,428) (689,249)
Balances as of 3/31/2017	\$	500	\$	545,148	\$	-	\$	13,606,582	\$	14,152,230
PERIOD INCREASE OR (DECREASE)	\$	-	\$	117,323	\$	_	\$	(1,035,000)	\$	(917,677)

PERIOD INCREASE (DECREASE)

(917,677)

CHINO BASIN WATERMASTER TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD MARCH 1, 2017 THROUGH MARCH 31, 2017

INVESTMENT TRANSACTIONS

Effective						Days to	Interest	Maturity
Date	Transaction	Depository	Activity	Redeemed]	Maturity	Rate(*)	Yield
3/9/2017	Withdrawal		\$ (500,000)					-
3/29/2017	Withdrawal		\$ (535,000)					
TOTAL INVEST	MENT TRANSAC	CTIONS	\$ (1,035,000)					

^{*} The earnings rate for L.A.I.F. is a daily variable rate; 0.78% was the effective yield rate at the Quarter ended March 31, 2017.

INVESTMENT STATUS March 31, 2017

Financial Institution	Principal Amount	Number of Days	Interest Rate	Maturity Date
Local Agency Investment Fund	\$ 13,606,582			
TOTAL INVESTMENTS	\$ 13,606,582			

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

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

Respectfully submitted,

Joseph S. Joswiak Chief Financial Officer

Chino Basin Watermaster

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CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E. General Manager

STAFF REPORT

DATE:

May 11, 2017

TO:

Pool Committee Members

SUBJECT:

Budget vs. Actual Report for the Period July 1, 2016 through March 31, 2017 -

Financial Report B5 (March 31, 2017)

SUMMARY

<u>Issue</u>: Record of revenues and expenses of Watermaster for the Period of July 1, 2016 through March 31, 2017.

Recommendation: Receive and file Budget vs. Actual Report for the Period July 1, 2016 through March 31, 2017 as presented.

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

Future Consideration

Appropriative Pool – May 11, 2017: Receive and File Non-Agricultural Pool – May 11, 2017: Receive and File Agricultural Pool – May 11, 2017: Receive and File Advisory Committee – May 18, 2017: Receive and File

Watermaster Board - May 25, 2017: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – May 11, 2017: Non-Agricultural Pool – May 11, 2017: Agricultural Pool – May 11, 2017: Advisory Committee – May 18, 2017: Watermaster Board – May 25, 2017:

BACKGROUND

A Budget vs. Actual Report for the period July 1, 2016 through March 31, 2017 is provided to keep all members apprised of the total revenues and expenses for the current fiscal year. The expense section is categorized into four distinct sections. Those sections are: General and Administrative Expenses; Optimum Basin Management Program Expenses; Project Expenses; and Other Income/Expenses. The Budget vs. Actual report has been created from Intuit QuickBooks Enterprise Solutions 17.0, the Watermaster accounting system. The Budget vs. Actual report provided, balances to the supporting documentation in the Watermaster accounting system, as well as the supporting bank statements.

DISCUSSION

CURRENT MONTH - MARCH 2017

Year-To-Date (YTD) for the nine months ending March 31, 2017, all but five categories were at or below the projected budget. The categories over budget were as follows: (1) Contract Services expenses (6060's) which were over budget by \$20,864 or 67.4% as a result of a new category of expenses which were unbudgeted and not projected/anticipated during the development of the FY 2016/17 budget and increased expenses with the production of the 39th Annual Report. The unbudgeted expenses were the Court Filing Services which were required as of September 2016 when the court moved from Rancho Cucamonga to San Bernardino; (2) Watermaster Legal Services expenses (6070's) which were over budget by \$79,767 or 50.1% as a result of the Personnel Matters regarding the CalPERS Administrative Hearing for Mr. Alvarez and increased miscellaneous legal expenses; (3) Appropriative Pool Administration (8300's) which were over budget by \$12,693 or 15.4% as a result of ongoing Safe Yield Redetermination and Reset efforts, Storage Agreements, and other legal activities by the Pool's attorney; (4) Ag Legal & Technical Services expenses (8467's) which were over budget by \$21,427 or 13.9% as a result of ongoing Safe Yield Redetermination and Reset efforts, Storage Agreements, and other legal activities by the Pool's attorney; and (5) OBMP (6900's) which were over budget by \$10,694 or 0.8% as a result of ongoing Safe Yield Redetermination and Reset Efforts, Storage Agreements, and other legal activities of the Brownstein Hyatt Farber Schreck attorneys.

The Watermaster budget for FY 2016/17 is divided into 12-monthly amounts and allocated accordingly for almost all budget line items. As the fiscal year progresses, these categories might level out over time and be within the budget levels. If not, then Watermaster staff will recommend a Budget Transfer Form or Budget Amendment Form for approval prior to the June 30, 2017 financial closing.

A Budget Amendment Form (A-17-04-01) in the amount of \$100,000 is being presented for approval during the May 2017 meetings. The amount of \$100,000 is proposed to increase the Brownstein Hyatt Farber Schreck budget from \$871,426 to \$971,426 as a result of the unanticipated costs resulting from the Alvarez CalPERS Hearing and the ongoing additional costs related to the Safe Yield Redetermination and Reset efforts. Please be reminded that during the FY 2016/17 budget workshop discussions, the recommendation was to reduce the overall BHFS legal budget by \$109,689 to the current budgeted amount of \$871,426. Please see Budget Amendment Form (A-17-04-01) in the Business Item section of the packet for more information.

Overall, the Watermaster (YTD) Actual Expenses were \$5,112,549 or 44.0% below the (YTD) Budgeted Expenses of \$11,631,412.

PREVIOUSLY REPORTED ACTIONS (Descending Order)

August 2016:

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

July 2016:

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

SALARIES EXPENSE

CURRENT MONTH - MARCH 2017

As of March 31, 2017, the total (YTD) Watermaster salary expenses were \$75,491 or 5.9% below the (YTD) budgeted amount of \$1,271,001. The overall staffing budget was developed with a staffing level of ten Full-Time Equivalents (FTE's), and staffing is currently at nine Full-Time Equivalents (FTE's). The position of Water Resources Associate remains vacant and could be recruited for in the future as the work demands increase.

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 March 31, 2017. 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 - Mar '17 Actual	Jul '16 - Mar '17 Budget	\$ Over Budget	% of Budget	FY 2016/17 Annual Budget
WM Salary Expense					
6011 · WM Staff Salaries	698,507.48	692,280.00	6,227.48	100.9%	918,331.00
6011.1 · WM Staff Salaries - Overtime	10,662.00	0.00	10,662.00	100.0%	0.00
6011.4 · 457(f) NQDC Plan	17,306.38	15,600.00	1,706.38	110.94%	20,800.00
6015 · Miscellaneous Payments	60,188.76	0.00	60,188.76	100.0%	0.00
6017· Temporary Services	0.00	15,750.00	-15,750.00	0.0%	21,000.00
6201 · Advisory Committee - WM Staff Salaries	14,167.42	17,429.00	-3,261.58	81.29%	23,119.00
6301 · Watermaster Board - WM Staff Salaries	24,126.68	26,800.00	-2,673.32	90.03%	35,551.00
8301 · Appropriative Pool - WM Staff Salaries	28,865.10	24,096.00	4,769.10	119.79%	31,965.00
8401 · Agricultural Pool - WM Staff Salaries	14,326.42	21,202.00	-6,875.58	67.57%	28,126.00
8501 · Non-Agricultural Pool - WM Staff Salaries	11,972.61	13,722.00	-1,749.39	87.25%	18,202.00
6901 · OBMP - WM Staff Salaries	45,833.86	37,893.00	7,940.86	120.96%	50,114.00
7101.1 · Production Monitor - WM Staff Salaries	39,892.77	60,661.00	-20,768.23	65.76%	80,622.00
7102.1 · In-line Meter - WM Staff Salaries	764.23	7,079.00	-6,314.77	10.8%	9,389.00
7103.1 · Grdwater Quality - WM Staff Salaries	28,458.84	65,843.00	-37,384.16	43.22%	87,527.00
7104.1 · Grdwater Level - WM Staff Salaries	43,514.68	27,891.00	15,623.68	156.02%	36,999.00
7108.1 · Hydraulic Control - WM Staff Salaries	0.00	2,378.00	-2,378.00	0.0%	3,155.00
7108.11 · Prado Basin - WM Staff Salaries	2,541.96	4,475.00	-1,933.04	56.8%	5,936.00
7201 · Comp Recharge - WM Staff Salaries	46,755.89	44,263.00	2,492.89	105.63%	58,533.00
7301 · PE3&5 - WM Staff Salaries	0.00	11,678.00	-11,678.00	0.0%	15,492.00
7401 · PE4 - WM Staff Salaries	0.00	7,105.00	-7,105.00	0.0%	9,425.00
7501.1 · PE 6&7 - WM Staff Salaries (Plume)	0.00	3,750.00	-3,750.00	0.0%	4,974.00
7501 · PE6&7 - WM Staff Salaries	117.90	3,391.00	-3,273.10	3.48%	4,498.00
7601 · PE8&9 - WM Staff Salaries	7,167.65	34,745.00	-27,577.35	20.63%	46,090.00
Subtotal WM Staff Costs	1,095,170.63	1,138,031.00	-42,860.37	96.23%	1,509,848.00
60185 · Vacation	38,754.58	51,834.00	-13,079.42	74.77%	69,111.00
60186 · Sick Leave	16,072.11	36,511.00	-20,438.89	44.02%	48,682.00
60187 · Holidays	45,512.33	44,625.00	887.33	101.99%	48,682.00
Subtotal WM Paid Leaves	100,339.02	132,970.00	-32,630.98	75.46%	166,475.00
Total WM Salary Costs	1,195,509.65	1,271,001.00	-75,491.35	94.06%	1,676,323.00

PREVIOUSLY REPORTED ACTIONS (Descending Order)

November 2016:

The Sr. Environmental Engineer started his career with Watermaster on Tuesday, November 8, 2016. For more background information on the current Watermaster staff, please see the profile material provided on the Watermaster website: http://www.cbwm.org/org staff.htm

September 2016:

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

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

August 2016:

Watermaster is currently in the process of filling one vacant position. Watermaster started the recruitment process for the Water Resources Professional position on March 16, 2016. After several candidates

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

July 2016:

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

LEGAL SERVICES
BROWNSTEIN HYATT FARBER SCHRECK EXPENSES

CURRENT MONTH - MARCH 2017

As of March 31, 2017, 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 \$81,187 or 12.3% above the (YTD) budgeted amount of \$661,013.

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.

A Budget Amendment Form (A-17-04-01) in the amount of \$100,000 is being presented for approval during the May 2017 meetings. The amount of \$100,000 is proposed to increase the Brownstein Hyatt Farber Schreck budget from \$871,426 to \$971,426 as a result of the unanticipated costs resulting from the Alvarez CalPERS Hearing and the ongoing additional costs related to the Safe Yield Redetermination and Reset efforts. Please be reminded that during the FY 2016/17 budget workshop discussions, the recommendation was to reduce the overall BHFS legal budget by \$109,689 to the current budgeted amount of \$871,426. Please see Budget Amendment Form (A-17-04-01) in the Business Item section of the packet for more information.

WATERMASTER ADMINISTRATIVE LEGAL SERVICES:

Overall, the Watermaster Administrative Legal Services expense (6070's) as of March 31, 2017, was \$79,767 or 50.1% above the budgeted amount of \$159,284. 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 \$20,616 or 67.1%; Rules and Regulations (6072) under budget by \$16,498 or 73.0%; Interagency Issues (6074) under budget by \$22,950 or 100.0%; and Party Status Maintenance (6077) under budget by \$21,524 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 \$59,343 or 169.5% as a direct result of the legal activities related to the administrative hearing with CalPERS

regarding the Alvarez issue; and the Miscellaneous Category expenses (6078) over budget by \$102,012 or 384.8%.

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 January 14, 2016 which is right in the middle of the three-day hearing scheduled for Mr. Alvarez's case. On October 9, 2015, an Order Granting Continuance; Notice of New Hearing Dates was provided by the State of California, Department of General Services, Office of Administrative Hearings. The administrative hearing was rescheduled for January 4-6, 2016 at the Glendale CalPERS Regional Office. On October 14, 2015 a Notice of Case Reassignment was received from the CalPERS providing notice that OAH Case No. 2014080757 has been reassigned from attorney Wesley Kennedy to Preet Kaur, Staff Attorney. On November 20, 2015, a Request for Continuance was issued from CalPERS to reschedule the hearing to either the period of April 4 through April 6, 2016 or April 11 through April 15, 2016. On December 11, 2015, an Order Granting Continuance; Notice of New Hearing Dates was issued from the State of California, Department of General Services, Office of Administrative Hearings to reschedule the hearing to April 11-13, 2016. The Administrative Hearing was held on April 11-13, 2016 at the Glendale CalPERS Regional Office. A ruling was scheduled for issuance by the Administrative Judge in July 2016. On June 9, 2016 a request by the CalPERS attorney to extend the deadlines for filing the opening and response briefs was submitted to the Administrative Law Judge. On June 13, 2016 the request was granted and the order now states the opening briefs shall be filed and served no later than July 11, 2016. The response briefs were filed and served no later than August 8, 2016. On September 7, 2016 the Administrative Law Judge issued his proposed decision. The proposed decision by Judge Sawyer was as follows:

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

On November 16, 2016, the CalPERS Board of Administration decided not to adopt the Administrative Law Judge's proposed decision in the Alvarez matter and instead set the matter for a Board hearing. This was pursuant to the recommendation of Board counsel, and there was no discussion as to the rationale nor any comments from Board members. For context, however, this was the only proposed ALJ decision out of the 30 on the Board's agenda that was set for hearing rather than adopted as proposed.

The Board considered 1) whether Mr. Alvarez's salary was pursuant to a "publicly available pay schedule," 2) whether a portion of Mr. Alvarez's salary constituted severance pay, and 3) whether that severance pay was "PERSible."

The hearing was scheduled for the Board of Administration's regular meeting on December 21, 2016 at 9:00 a.m. Pursuant to CalPERS rules, the respondents were collectively allowed a 10-minute oral argument and 5-minute rebuttal, and Watermaster and Alvarez would need to share this time. Counsel had an opportunity to submit a brief written argument along the lines of what was previously submitted for the last Board of Administration meeting. This document was due Friday, December 9, 2016.

During the Board of Administration meeting on December 21, 2016 the CalPERS Board ruled 1) Mr. Alvarez's salary was not pursuant to a "publicly available pay schedule," 2) a portion of Mr. Alvarez's salary did constitute severance pay, and 3) that severance pay was not "PERSible."

Mr. Alvarez had until February 16, 2017 to decide whether or not to file a writ petition appealing the CALPERS' decision. No writ was filed.

WATERMASTER POOLS, ADVISORY AND BOARD LEGAL SERVICES:

The Pools, Advisory Committee and the Board meeting legal expenses from BHFS are captured by month within the accounts (6275, 6375, 6375.1, 8375, 8475 and 8575). The legal service costs associated with the Board Workshop(s) are also included as part of this group. Overall, this category of legal expenses as of March 31, 2017 was \$20,591 or 14.5% below the budgeted amount of \$142,123. 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. The Watermaster parties agreed that during the month of December 2016, the three Pools, the Advisory Committee and the Watermaster Board meetings would not be held, adding additional cost savings to this category.

OBMP LEGAL SERVICES:

The OBMP legal expenses (accounts 6907.31 through 6907.90) were above the budget for the month. As of March 31, 2017 the category of OBMP legal expenses were \$22,011 or 6.1% above the budgeted amount of \$359,606. 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 \$16,874 or 100.0%; the Storage Agreement legal expenses (6907.40) were over budget by \$11,218 or 13.8%; the Prado Basin Habitat Sustainability legal expenses (6907.41) were over budget by \$4,707 or 43.7%; and the Safe Yield Redetermination and Reset legal expenses (6907.42) were over budget by \$136,390 or 265.1%.

The table listed below summarizes the Brownstein Hyatt Farber Schreck (BHFS) expenses as of March 31, 2017 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 - Mar '17 Actual	Jul '16 - Mar '17 Budget	\$ Over Budget	% of Budget	FY 2016/17 Annual Budget
6070 · Watermaster Legal Services	· · · · · · · · · · · · · · · · · · ·				
6071 · BHFS Legal - Court Coordination	10,096.54	30,713.00	-20,616.46	32.87%	40,950.00
6072 · BHFS Legal - Rules & Regulations	6,087.48	22,585.00	-16,497.52	26.95%	30,113.00
6073 · BHFS Legal - Personnel Matters	94,342.51	35,000.00	59,342.51	269.55%	35,000.00
6074 · BHFS Legal - Interagency Issues	0.00	22,950.00	-22,950.00	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	21,524.00	-21,524.00	0.0%	28,700.00
6078 · BHFS Legal - Miscellaneous (Note 1)	128,524.10	26,512.00	102,012.10	484.78%	35,350.00
Total 6070 · Watermaster Legal Services	239,050.63	159,284.00	79,766.63	150.08%	200,713.00
6275 · BHFS Legal - Advisory Committee	10,714.33	13,600.00	-2,885.67	78.78%	18,700.00
6375 · BHFS Legal - Board Meeting	43,711.06	56,160.00	-12,448.94	77.83%	77,220.00
6375.1 · BHFS Legal - Board Workshop(s)	23,108.76	11,163.00	11,945.76	207.01%	11,163.00
8375 · BHFS Legal - Appropriative Pool	15,093.10	20,400.00	-5,306.90	73.99%	28,050.00
8475 · BHFS Legal - Agricultural Pool	14,968.87	20,400.00	-5,431.13	73.38%	28,050.00
8575 · BHFS Legal - Non-Ag Pool	13,936.14	20,400.00	-6,463.86	68.31%	28,050.00
Total BHFS Legal Services	121,532.26	142,123.00	-20,590.74	85.51%	191,233.00
6907.3 · WM Legal Counsel					
6907.31 · Archibald South Plume	0.00	18,374.00	-18,374.00	0.0%	24,500.00
6907.32 · Chino Airport Plume	0.00	18,374.00	-18,374.00	0.0%	24,500.00
6907.33 · Desalter/Hydraulic Control	0.00	21,524.00	-21,524.00	0.0%	28,700.00
6907.34 · Santa Ana River Water Rights	10,284.60	18,976.00	-8,691.40	54.2%	25,300.00
6907.36 ⋅ Santa Ana River Habitat	16,874.35	0.00	16,874.35	100.0%	0.00
6907.38 · Reg. Water Quality Cntrl Board	267.75	10,762.00	-10,494.25	2.49%	14,350.00
6907.39 ⋅ Recharge Master Plan	20,684.70	42,300.00	-21,615.30	48.9%	56,400.00
6907.40 · Storage Agreements	92,352.80	81,135.00	11,217.80	113.83%	108,180.00
6907.41 · Prado Basin Habitat Sustainability	15,469.41	10,762.00	4,707.41	143.74%	14,350.00
6907.42 · Safe Yield Recalculation	187,838.55	51,449.00	136,389.55	365.1%	68,600.00
6907.44 · SGMA Compliance	37,845.30	63,824.00	-25,978.70	59.3%	85,100.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	22,126.00	-22,126.00	0.0%	29,500.00
Total 6907 · WM Legal Counsel	381,617.46	359,606.00	22,011.46	106.12%	479,480.00
Total Brownstein, Hyatt, Farber, Schreck Costs	742,200.35	661,013.00	81,187.35	112.28%	871,426.00

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

OBMP ENGINEERING SERVICES AND LEGAL COSTS

CURRENT MONTH - MARCH 2017

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 nine months ending March 31, 2017, the actual expenses of \$1,255,414 were above the budgeted amount of \$1,244,720 by \$10,694 or 0.9%. For a detailed discussion, the following is provided.

For March 31, 2017, the accounts 6901-6903 (Optimum Basin Mgmt Program) section was above the Year-To-Date (YTD) budget by \$12,856 or 25.0%. Watermaster utilizes an in-house database time and attendance system to record and document staff's actual hours worked and also allocates those hours to a specific project or activity. Watermaster staff time could be charged to Administrative, OBMP, or Implementation Project categories. Recently, Watermaster staff spent slightly more time on specific

OBMP related areas and less time on other related tasks. As a result, Watermaster staff allocated more actual time to the OBMP project as budgeted, which resulted in an over budget variance of \$7,941 or 21.0%. 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 March 31, 2017.

For March 31, 2017, the accounts 6906 (Optimum Basin Mgmt Program Engineering Services) section was below the Year-To-Date (YTD) budget by \$19,279 or 2.3%. 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 March, there were no expenses charged to the OBMP-Safe Yield Redetermination and Reset account. The majority of expenses within this OBMP category were under budget (YTD), however, the accounts which were over budget were as follows: the OBMP-Watermaster Model Update expenses (6906.1) which were over budget by \$152,104 or 114.9%; the SGMA Reporting Requirement expenses (6906.23) which were over budget by \$3,039 or 14.4%; the OBMP-Pool, Advisory, Board Meeting Engineering Services expenses (6906.31) which were over budget by \$7,836 or 10.9%; the OBMP-Other General Meetings Engineering Services expenses (6906.32) which were over budget by \$41,696 or 154.2%; the OBMP-Data Requests-CBWM Staff Engineering Services expenses (6906.71) which were over budget by \$81,597 or 119.3%; the OBMP-Data Requests-Non Watermaster Staff expenses (6906.72) which were over budget by \$850 or 3.6%; the Preparation of the 38th/39th Annual Reports which were over budget by \$18,010 or 40.2%; and the OBMP Engineering Services-Other expenses (6906) which were over budget by \$4,169 or 19.5%.

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 \$169,189 while some other line item activities were below the budget by \$147,177. Above the budget line items were the Santa Ana River Habitat expenses of \$16,874; the Storage Agreement expenses of \$11,218; Prado Basin Habitat Sustainability expenses of \$4,707; and the Safe Yield Redetermination and Reset expenses of \$136,390. The individual legal projects/activities that were below budget for the Year-To-Date (YTD) period were the Archibald South Plume of \$18,374; the Chino Airport Plume of \$18,374; the Desalter/Hydraulic Control of \$21,524; the Santa Ana River Water Rights expenses of \$8,691; the Regional Water Quality Control Board of \$10,494; the Recharge Master Plan of \$21,615; the SGMA Compliance of \$25,979; and the WM Unanticipated legal expenses of \$22,126. For the nine months ended March 31, 2017, the overall cumulative (YTD) budget was \$359,606 and the actual (BHFS) legal expenses totaled \$381,617 which resulted in an over budget variance of \$22,011 or 6.1%.

The OBMP Other Expenses (6909's) were below the budget for the month. These expenses are typically conference calls, meeting expenses, supplies, annual inspection fees, and other miscellaneous type expenses. As of March 31, 2017 this category of expenses was \$4,894 or 46.1% below the budgeted amount of \$10,626.

The WEI Support for IEUA expenses are categorized within the category (6910's). The individual general ledger accounts are as follows: IRP Groundwater Modeling-WEI expenses (6910.10); As Needed Support for Obtaining Grant Funding of RMPU Projects expenses (6910.11); Preparation of a Compliance Demonstration for Stormwater Recharge expenses (6910.12); Ground Water Velocity Field for the San Sevaine Improvement Project expenses (6910.13); Truing-Up the 2013 RMPU Estimates expenses (6910.14); and RMPU-MPI Analysis expenses (6910.20). These expenses are billed directly to IEUA on the following month once the payment has been issued to Wildermuth Environmental, Inc. per the agreement. As of March 31, 2017 this category of expenses was fully invoiced in the amount of \$190,392 to IEUA.

Overall, the Optimum Basin Management Program (OBMP) category was \$1,255,414 compared to a (YTD) budget of \$1,244,720 for an over budget of \$10,694 or 0.9% as of March 31, 2017.

The table listed below summarizes the Optimum Basin Management Program (OBMP) expenses as of March 31, 2017 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 - Mar '17	Jul '16 - Mar '17			FY 2016/17
	Actual	Budget	\$ Over Budget	% of Budget	Annual Budget
6900 · Optimum Basin Mgmt Plan					
6901 · WM Staff Salaries	45,833.86	37,893.00	7,940.86	120.96%	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	64,248.86	51,393.00	12,855.86	125.02%	63,614.00
6906 · OBMP Engineering Services			,		-
6906.1 · OBMP - Watermaster Model Update	284,449.00	132,345.00	152,104.00	214.93%	176,460.00
6906.21 · State of the Basin Report	23,873.10	75,001.00	-51,127.90	31.83%	100,000.00
6906.22 · Water Rights Compliance Reporting	10,599.60	18,981.00	-8,381.40	55.84%	25,308.00
6906.23 · SGMA Reporting Requirements	24,067.58	21,029.00	3,038.58	114.45%	28,040.00
6906.24 · Compliance - SB88 and SWRCB	37,783.86	56,250.00	-18,466.14	67.17%	75,000.00
6906.25 · Initial Assessment - Section 4.5-SYRA	0.00	160,304.00	-160,304.00	0.0%	213,740.00
6906.31 · OBMP - Pool, Advisory, Board Mtgs.	79,921.32	72,085.00	7,836.32	110.87%	96,114.00
6906.32 · OBMP - Other General Meetings	68,729.29	27,033.00	41,696.29	254,24%	36,045.00
6906.71 · OBMP - Data Requests - CBWM Staff	149,964.62	68,368.00	81,596.62	219.35%	91,156.00
6906.72 · OBMP - Data Requests - Non CBWM	24,361.55	23,512.00	849.55	103.61%	31,348.00
6906.73 · OBMP - Safe Yield Recalculation	0.00	0.00	0.00	0.0%	0.00
	11,701.20	52,501.00	-40,799.80	22.29%	70,000.00
6906.74 · OBMP - Mat'l Phy. Injury Requests	•		•	0.0%	0.00
6906.75 · OBMP - Recharge Master Plan	0.00	0.00	0.00		
6906.81 · Prepare 38th/39th Annual Reports	62,775.73	44,766.00	18,009.73	140.23%	59,688.00
6906.82 · Support for Assessment Package	0.00	49,500.00	-49,500.00	0.0%	66,000.00
6906 · OBMP Engineering Services - Other	25,589.30	21,420.00	4,169.30	119.47%	28,560.00
Total 6906 · OBMP Engineering Services	803,816.15	823,095.00	-19,278.85	97.66%	1,097,459.00
6907 · OBMP Legal Fees					
6907.3 · WM Legal Counsel					
6907.31 · Archibald South Plume	0.00	18,374.00	-18,374.00	0.0%	24,500.00
6907.32 · Chino Airport Plume	0.00	18,374.00	-18,374.00	0.0%	24,500.00
6907.33 · Desalter/Hydraulic Control	0.00	21,524.00	-21,524.00	0.0%	28,700.00
6907.34 · Santa Ana River Water Rights	10,284.60	18,976.00	-8,691.40	54.2%	25,300.00
6907.36 · Santa Ana River Habitat	16,874.35	0.00	16,874.35	100.0%	0.00
6907.38 · Reg. Water Quality Cntrl Board	267.75	10,762.00	-10,494.25	2.49%	14,350.00
6907.39 · Recharge Master Plan	20,684.70	42,300.00	-21,615.30	48.9%	56,400.00
6907.40 · Storage Agreements	92,352.80	81,135.00	11,217.80	113.83%	108,180.00
6907.41 · Prado Basin Habitat Sustainability	15,469.41	10,762.00	4,707.41	143.74%	14,350.00
6907.42 · Safe Yield Recalculation	187,838.55	51,449.00	136,389.55	365.1%	68,600.00
6907.44 · SGMA Compliance	37,845.30	63,824.00	-25,978.70	59.3%	85,100.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	22,126.00	-22,126.00	0.0%	29,500.00
Total 6907 · WM Legal Counsel	381,617.46	359,606.00	22,011.46	106.12%	479,480.00
Total 6907 · OBMP Legal Fees	381,617.46	359,606.00	22,011.46	106.12%	479,480.00
6909 ⋅ OBMP Other Expenses					
6909.1 · OBMP Meetings	1,964.61	1,125.00	839.61	174.63%	1,500.00
6909.3 · Other OBMP Expenses	1,697.00	2,000.00	-303.00	84.85%	2,000.00
6909.6 · OBMP Expenses - Miscellaneous	2,070.00	7,501.00	-5,431.00	27.6%	10,000.00
Total 6909 · OBMP Other Expenses	5,731.61	10,626.00	-4,894.39	53.94%	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	5,002.23	0.00	5,002.23	100.0%	0.00
6910.12 · WEI Support-Stormwater Recharge	0.00	0.00	0.00	0.0%	0.00
6910.13· IEUA-San Sevaine Improvement Project	792.00	0.00	792.00	100.0%	0.00
6910.14· Truing-Up 2013 RMPU Estimates	85,058.70	0.00	85,058.70	100.0%	0.00
6910.20 · RMPU-MPI Analysis	99,539.03	0.00	99,539.03	100.0%	0.00
6910.50 · WEI Support for IEUA-Billings	-190,391.96	0.00	-190,391.96	100.0%	0.00
Total 6910 · WEI Support for IEUA	0.00	0.00	0.00	0.0%	0.00
. Star of to Film Support for India	0.50	0.50	5.50	3.370	3.30
Total 6900 · Optimum Basin Mgmt Plan	1,255,414.08	1,244,720.00	10,694.08	100.86%	1,654,053.00

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

<u>CURRENT MONTH – MARCH 2017</u>

As of March 31, 2017, the total (YTD) Engineering Services expenses were \$404,556 or 16.9% below the (YTD) budget amount of \$2,392,017. The OBMP Implementation Projects (consolidated accounts 7100's – 7700's) were all under budget as of March 31, 2017.

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.

Watermaster does not plan to present any Budget Transfers or Budget Amendments at this time.

The third ECAC report for the current fiscal year has been provided for the period ending March 31, 2017 and shows a projected under budget at fiscal year-end June 30, 2017 of \$366,630. Be advised that approximately \$220,000 of the under budget amount of \$366,630 will be reduced once IEUA completes the final invoicing for Watermaster's portion of the PBHSP. The majority of the budget underage is projected in the categories of expenses in OBMP Engineering (6906's); Hydraulic Control-Engineering Services-PBHSP (7108.31); Comprehensive Recharge-Engineering Services (7202.2); and OBMP-Engineering Services-Storage (7602). There are also some activities that are projected to be over budget at fiscal year-end. To see the complete July 1, 2016 through March 31, 2017 ECAC report, click on the following link:

http://www.cbwm.org/FTP/ECAC%20Reports/2016-17%203rd%20Quarter%20Review%20and%20ECAC-010117%20to%20033117.pdf

Attachment 1a Chino Basin Watermaster: Invoice Projections for Engineering Tasks for Fiscal Year 2016/17 As of March 31, 2017

Acct #	Description	Original Budget	Revised Budget	Billed Jul-16	Billed Aug-16	Billed Sep-16	Billed Oct-16	Billed Nov-16	Billed Dec-16	Billed Jan-17
6906	OBMP Engineering	\$ 820,999	\$ 820,999	\$ 76,132	\$ 80,675	\$ 56,609	\$ 65,834	\$ 34,589	\$ 32,474	\$ 54,808
6906.1	OBMP - Watermaster Model Applications	176,460	176,460	2,359	23,757	10,948	26,993	27,727	31,932	60,907
6906.21	State of the Basin Report	100,000	100,000			-		8,185	7,918	6,503.
6910.11	IEUA - As Need Support for Obtaining Grant Funding of RMPU Projects		121	2,980	2,022	-	-	-	-	
6910.13	IEUA - GW Velocity Field - Sen Sevaine Besin Improvement Project	-	1211	644	149	-	14	-	-	-
6910.14	IEUA - Truing-Up 2013 RMPU Recharge Estimates	-	-	-	48,210	17,017	15,520	4,312	-	
	IEUA -WLAM Update - 2013 RMPU Facilities	-	-	-						-
6910.20	IEUA - MPI Analysis for RMPU	-	-	-	2,192	34,432	24,156	21,250	17,509	-
7103.3	GW Qality - Engineering Services	129,555	129,555	16,738	14,493	14,423	3,217	5,558	8,416	6,831
7103.5	GW Quality - Laboratory Services	39,205	39,205	1,346	10,623	6,968	848	3,380	5,697	
7104.3	GW Level - Engineering Services	192,667	192,667	8,788	23,979	10,748	7,503	16,170	8,484	12,922
7104.8	GW Level - Contract Services	10,000	10,000	-	-	-	-	-	-	- 1
7104.9	GW Level - Capital Services	7,000	7,000	-	1,232	474	1,767	455	122	- 1
7107.2	Ground Level - Engineering Services	84,492	84,492	4,591	2,830	1,440	4,289	2,525	3,334	4,088
7107.3	Ground Level - SAR Imagery	85,000	85,000	-	-	-	12,000	-	-	17,000
7107,6	Ground Level - Contract Services	68,245	68,245	2	-	-	-	-	-	10 <i>8</i> 68
7107.8	Ground Level - Capital Equipment	3,500	3,500	-			-	229	- 1	7.1
7108.3	HCMP - Engineering Services	57,607	57,607	2,052	7,996	1,668	2,459	-	-	2,223
7108.4	HCMP - Lab Services	25,081	25,081	2,032	13,408	-	2,432	-	-	2,032
7108.31	HCMP - Eng. Serv PBHSP	276,864	288,936	-	30,350	20,176	25,000	5,153	6,351	38,263
7108.32	HCMP - Adaptive Management Plan	-	50,000		6,981	6,966	4,429	5,833	19,081	10,690
7108.41	HCMP - Lab. Serv PBHSP	49,216	49,216		1-1	11,304	-	-	11,304	-
7108.6	HCMP - Eng. Serv PBHSP - Outside Pro	65,000	65,000	-	-	40,000	-	-	-	128
7109.3	Recharge & Well Monitoring - Engineering Serv.	23,318	23,318	-	2,171	-	-	2,080	-	- 1
7202.2	Comp Recharge - Engineering Services	161,016	161,016	17,889	7,199	3,298	10,324	6,356	760	10,490
7303	OBMP - Engineering Services - Desalters	9,480	9,480	-	-	-		-	-	
7402	OBMP - Engineering Services - MZ1	111,212	118,212	10,405	14,026	21,782	1,739	510	2,021	6,199
7402.1	OBMP - Engineering Services - Northwest MZ1	104,599	362,104	11,553	27,005	24,485	53,179	23,497	11,433	13,437
7403	OBMP - Contract Services - MZ1	30,000	30,000	500	-		-	-	-	-
7502	OBMP - Engineering Services - WQC	43,440	43,440	1,405	-	1,274	4,298	1,170	601	469
7602	OBMP - Engineering Services - Storage	66,896	66,896	-	1,579	5,374	1,518	-	-	253
7625	IEUA - Storage Program - Addendum to OBMP Pl	-	-	-	-	-	-	-		1,937
Totals		\$ 2,740,852	\$ 3,067,429	\$ 159,413	\$ 320,927	\$ 289,387	\$ 267,504	\$ 168,979	\$ 167,436	\$ 260,048

5/4/2017--11:31 AM 2016-17CB/VIM_Invoice_Summary_ISBM_20170410--P rojection Summary

Attachment 1a

Chino Basin Watermaster: Invoice Projections for Engineering Tasks for Fiscal Year 2016/17

As of March 31, 2017



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		Billed	Billed	Projected	Projected	Projected	Total	Total	Under / (Over)		Projected %	
Acct #	Description	Feb-17	Mar-17	Арг-17	May-17	Jun-17	Projected	Projected	Rev. Budget	Rev. Budget	Rev. Budget	
6906	OBMP Engineering	\$ 41,588	\$ 52,499	\$ 42,167	\$ 33,571	\$ 28,071	\$ 599,017	\$ 599,017	\$ 221,982	60%	73%	
6906.1	OBMP - Watermaster Model Applications	52,349	47,477	-	-	-	284,449	284,449	(107,989)	161%	161%	
6906,21	State of the Basin Report	880	387	25,200	50,000	50,000	149,073	149,073	(49,073)	24%	149%	
6910.11	IEUA - As-Need Support for Obtaining Grant Funding of RMPU Projects	-	-		:-:	=	5,002	2,501	(2,501)	n/a	n/a	
6910.13	IEUA - GW Velocity Field - San Savaine Basin Improvement Project	-	-	-	-	*	792	396	(396)	n/a	n/a	
6910.14	IEUA - Truing-Up 2013 RMPU Recharge Estimates	-	2	-	-	2	85,059	42,530	(42,530)	n/e	n/a	
	IEUA -WLAM Update - 2013 RMPU Facilities	-	2	-	18,500	-	18,500	9,250	(9,250)	n/a	n/a	
6910.2	IEUA - MPI Analysis for RMPU	-		-		-	99,539	49,770	(49,770)	n/a	n/a	
7103.3	GW Qality - Engineering Services	7,019	9,635	6,700	6,450	14,600	114,079	114,079	15,476	67%	88%	
7103.5	GW Quality - Laboratory Services	-	-	900	-	-	29,762	29,762	9,443	74%	76%	
7104.3	GW Level - Engineering Services	10,487	8,961	15,685	17,485	18,185	159,399	159,399	33,268	56%	83%	
7104.8	GW Level - Contract Services	-	-	1-	-	-	-	-	10,000	0%	0%	
7104.9	GW Level - Capital Services	527	-	-	6,000	-	10,576	10,576	(3,576)	65%	151%	
7107.2	Ground Level - Engineering Services	5,856	4,951	6,096	5,671	24,044	69,765	69,765	14,727	40%	83%	
7107.3	Ground Level - SAR Imagery	-	56,000	-	-	-	85,000	85,000	-	100%	100%	
7107.6	Ground Level - Contract Services	-	24,425	17,500	12,500	23,596	88,889	88,889	(20,644)	52%	130%	
7107.8	Ground Level - Capital Equipment	-	-	200	200	200	829	829	2,671	7%	24%	
7108.3	HCMP - Engineering Services	1,805	12,035	6,555	850	¥	37,643	37,643	19,964	52%	65%	
7108.4	HCMP - Lab Services	-	-	2,032	-		21,936	21,936	3,145	79%	87%	
7108.31	HCMP - Eng. Sery PBHSP	48.027	68,132	44,255	22,800	14,650	323,158	157,161	131,775	84%	54%	
7108,32	HCMP - Adaptive Management Plan	282	· -	-	· -	· .	54,262	54,262	(4,262)	109%	109%	
7108,41	HCMP - Leb, Serv PBHSP		11,524	-	-	11,524	45,656	45,656	3,560	69%	93%	
7108.6	HCMP - Eng. Serv PBHSP - Outside Pro	4.296	_	_	_		44,424	44,424	20,577	68%	68%	
7109.3	Recharge & Well Moritoring - Engineering Sery.	1,721	_	3,000	3,000	3.000	14,973	14,973	8,345	26%	64%	
7202.2	Comp Recharge - Engineering Services	11,379	5,810	6,000	8,500	6,000	94,004	94,004	67,012	46%	58%	
7303	OBMP - Engineering Services - Desafters	_		790	790	790	2,370	2,370	7,110	0%	25%	
7402	OBMP - Engineering Services - MZ1	10,571	18,605	16,876	17,058	16,772	136,564	136,564	(18,352)	73%	116%	
7402.1	OBMP - Engineering Services - Northwest MZ1	11,819	12,385	23,400	24,400	111,271	347,862	347,862	14,242	52%	96%	
7403	OBMP - Contract Services - MZ1	,5.5	1 .2,000	20,100		,	500	500	29,500	2%	2%	
7502	OBMP - Engineering Services - WQC	-	1,788	2,500	4,000	6,000	23,504	23,504	19,936	25%	54%	
7602	OBMP - Engineering Services - Storage	_	2,340	2,340	.,	-	13,405	13,405	53,491	17%	20%	
7625	IEUA - Storage Program - Addendum to OBMP Pt		759	2,510			22,501	11,250	(11,250)	n/a	n/a	
Totals	PROTE COOLEGE FIRE SMILE PARCETONING CO COMMITTEE	\$ 228,411		\$ 222,197	\$ 231,775	\$ 328,703	\$ 2,982,493	\$ 2,700,799	\$ 366,630	72%	97%	
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Note: Billed includes MWH Laboratory invoices paid directly by Watermaster.

WEI

The fourth ECAC report is scheduled to be issued in mid-August 2017 for the period July 2016 through June 2017.

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 March 31, 2017. 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 - Mar '17	Jul '16 - Mar '17			FY 2016/17
	Actual	Budget	\$ Over Budget	% of Budget	Annual Budget
6906 · OBMP Engineering Services - Other	25,589.30	21,420.00	4,169.30	119.47%	28,560.00
6906.1 · OBMP - Watermaster Model Update	284,449.00	132,345.00	152,104.00	214.93%	176,460.00
6906.21 · State of the Basin Report	23,873.10	75,001.00	-51,127.90	31.83%	100,000.00
6906.22 · Water Rights Compliance Reporting	10,599.60	18,981.00	-8,381.40	55.84%	25,308.00
6906.23 · SGMA Reporting Requirements	24,067.58	21,029.00	3,038.58	114.45%	28,040.00
6906.24 · Compliance - SB88 and SWRCB	37,783.86	56,250.00	-18,466.14	67.17%	75,000.00
6906.25 · Initial Assesment - Section 4.5-SYRA	0.00	160,304.00	-160,304.00	0.0%	213,740.00
6906.31 · OBMP - Pool, Advisory, Board Mtgs.	79,921.32	72,085.00	7,836.32	110.87%	96,114.00
6906.32 · OBMP - Other General Meetings	68,729.29	27,033.00	41,696.29	254.24%	36,045.00
6906.71 · OBMP - Data Requests - CBWM Staff	149,964.62	68,368.00	81,596.62	219.35%	91,156.00
6906.72 · OBMP - Data Requests - Non CBWM	24,361.55	23,512.00	849.55	103.61%	31,348.00
6906.74 · OBMP - Mat'l Physical Injury Requests	11,701.20	52,501.00	-40,799.80	22.29%	70,000.00
6906.81 · Prepare 38th/39th Annual Reports	62,775.73	44,766.00	18,009.73	140.23%	59,688.00
6906.82 · Support for Assessment Package	0.00	49,500.00	-49,500.00	0.0%	66,000.00
7103.3 · Grdwtr Qual-Engineering	86,329.46	97,167.00	-10,837.54	88.85%	129,555.00
7103.5 · Grdwtr Qual-Lab Svcs	44,992.06	39,205.00	5,787.06	114.76%	39,205.00
7104.3 · Grdwtr Level-Engineering	112,619.32	144,500.00	-31,880.68	77.94%	192,667.00
7104.8 · Grdwtr Level-Contracted Services	0.00	7,501.00	-7,501.00	0.0%	10,000.00
7104.9 · Grdwtr Level-Capital Equipment	0,00	5,251.00	-5,251.00	0.0%	7,000.00
7107.2 · Grd Level-Engineering	34,183.02	39,406.00	-5,222.98	86.75%	52,540.00
7107.3 · Grd Level-SAR Imagery	85,000.00	63,750.00	21,250.00	133.33%	85,000.00
7107.6 · Grd Level-Contract Svcs	35,292.75	75,147.00	-39,854.25	46.97%	100,197.00
7107.8 · Grd Level-Capital Equipment	0.00	2,624.00	-2,624.00	0.0%	3,500.00
7108.3 · Hydraulic Control-Engineering	30,238.17	43,205.00	-12,966.83	69.99%	57,607.00
7108.31 · Hydraulic Control-PBHSP	340,001.91	219,720.00	120,281.91	154.74%	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	6,496.00	18,811.00	-12,315.00	34.53%	25,081.00
7108.41 · Hydraulic Control-PBHSP	31,620.00	36,913.00	-5,293.00	85.66%	49,216.00
7108.6 · Hydraulic Control-Outside Professionals	0.00	48,749.00	-48,749.00	0.0%	65,000.00
7109.3 · Recharge & Well - Engineering	5,972.90	17,489.00	-11,516.10	0.0%	23,318.00
7202.2 · Comp Recharge-Engineering Services	73,504.29	120,762.00	-47,257.71	60.87%	161,016.00
7303 · PE3&5-Engineering - Other	0.00	7,110.00	-7,110.00	0.0%	9,480.00
7402 · PE4-Engineering	86,534.65	67,908.00	18,626.65	127.43%	88,212.00
7402.10 · PE4-MZ1 Pomona Project	188,791.29	335,953.00	-147,161.71	56.2%	362,104.00
7403 · PE4-Contract Svcs	0.00	45,000.00	-45,000.00	0.0%	60,000.00
7502 · PE6&7-Engineering	11,004.30	32,580.00	-21,575.70	33.78%	43,440.00
7602 · PE8&9-Engineering	11,064.69	50,171.00	-39,106.31	22.05%	66,896.00
Total Engineering Services Costs	1,987,460.96	2,392,017.00	-404,556.04	83.09%	3,067,429.00 *

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

PREVIOUSLY REPORTED ACTIONS (Descending Order)

December 2016:

The second ECAC report for the current fiscal year has been provided for the period ending December 31, 2016 and shows a projected under budget at fiscal year-end June 30, 2017 of \$180,130. The majority of the budget underage is projected in OBMP Engineering (6906's) and OBMP-Engineering Services-MZ1 (7402). There are also some activities that are projected to be over budget at fiscal year-end. To see the complete July 1, 2016 through December 31, 2016 ECAC report, click on the following link:

http://www.cbwm.org/FTP/ECAC%20Reports/2016-17%202nd%20Quarter%20Review%20and%20ECAC-070116%20to%20123116.pdf

Attachment 1a Chino Basin Watermaster: Invoice Projections for Engineering Tasks for Fiscal Year 2016/17 As of December 31, 2016

Acct #	Description	Original Budget	Revised Budget	Billed Jul-16	Billed Aug-16	Billed Sep-16	Billed Oct-16	Billed Nov-16	Billed Dec-16	Projected Jan-17
6906	OBMP Engineering	\$ 820,999	\$ 820,999	\$ 76,132	\$ 80,675	\$ 56,609	\$ 65,834	\$ 34,589	\$ 32,474	\$ 60,371
6906.1	OBMP - Watermaster Model Applications	176,460	176,460	2,359	23,757	10,948	26,993	27,727	31,932	30,000
6906.21	State of the Basin Report	100,000	100,000	-	-	-	-	8,185	7,918	9,000
6910.11	IEUA - As-Need Support for Obtaining Grant Funding of RMPU Projects	-	-	2,980	2,022	-	-	-	-	500
6910,13	IEUA - GW Velocity Field - San Savaine Basin Improvement Project	•	-	644	149	-	-	-	-	٠.
6910.14	IEUA - Truing-Up 2013 RMPU Recharge Estimates	(5)	5		48,210	17,017	15,520	4,312	47.500	-
	IEUA - MPI Analysis for RMPU				2,192	34,432	24,156	21,250	17,509	4,780
	GVV Qality - Engineering Services	129,555	129,555	16,738	14,493	14,423	3,217	5,558	8,416	4,700
	GVV Quality - Laboratory Services	39,205	39,205	1,346	10,623	6,968	848	3,380	5,697	
	GW Level - Engineering Services	192,667	192,667	8,788	23,979	10,748	7,503	16,170	8,484	18,085
	GW Level - Contract Services	10,000	10,000	-	-	-	-	-		-
	GW Level - Capital Services	7,000	7,000	-	1,232	474	1,767	455	122	
1100	Ground Level - Engineering Services	84,492	84,492	4,591	2,830	1,440	4,289	2,525	3,334	11,893
7107.3	Ground Level - SAR Imagery	85,000	85,000	-	-	-	12,000	-		17,000
7107.6	Ground Level - Contract Services	68,245	68,245	53	(5)	-	-	-	-	43,077
7107.8	Ground Level - Capital Equipment	3,500	3,500	-	-	-	-	229	-	-
7108.3	HCMP - Engineering Services	57,607	57,607	2,052	7,996	1,668	2,459		-	3,564
7108.4	HCMP - Lab Services	25,081	25,081	2,032	13,408	-	2,432	-	-	2,032
7108.31	HCMP - Eng. Serv PBHSP	276,864	288,936	-	30,350	20,176	25,000	5,153	6,351	59,300
7108.32	HCMP - Adaptive Management Plan	-	50,000	-	6,931	6,966	4,429	5,833	19,061	5,550
7108.41	HCMP - Lab. Serv PBHSP	49,216	49,216	-	-	11,304	-	-	11,304	-
7108.6	HCMP - Eng. Serv PBHSP - Outside Pro	65,000	65,000	-	-	40,000	-	-	-	8,000
7109.3	Recharge & Well Moritoring - Engineering Serv.	23,318	23,318	-	2,171	-	-	2,080	1-1	-
7202.2	Comp Recharge - Engineering Services	161,016	161,016	17,889	7,199	3,298	10,324	6,356	760	10,368
7303	OBMP - Engineering Services - Desafters	9,480	9,480	_	-	-	-	-	-	-
7402	OBMP - Engineering Services - MZ1	111,212	118,212	10,405	14,026	21,782	1,739	510	2,021	11,000
7402.1	OBMP - Engineering Services - Northwest MZ1	104,599	362,104	11,553	27,005	24,485	53,179	23,497	11,433	36,250
7403	OBMP - Contract Services - MZ1	30,000	30,000	500	-	-	-	-	-	-
7502	OBMP - Engineering Services - WQC	43,440	43,440	1,405	-	1,274	4,298	1,170	601	2,000
7602	OBMP - Engineering Services - Storage	66,896	66,896	-	1,579	5,374	1,518	-	-	30,000
Totals		\$ 2,740,852		\$ 159,413	\$ 320,927	\$ 289,387	\$ 267,504	\$ 168,979	\$ 167,436	\$ 362,690

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Attachment 1a Chino Basin Watermaster: Invoice Projections for Engineering Tasks for Fiscal Year 2016/17 As of December 31, 2016

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		Projected	Projected	Projected	Projected	Projected	Total	Total	Under / (Over) Rev. Budget	YTD % Billed Rev. Budget	Projected % Rev. Budget
Acct #	Description	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Projected	Projected		the same of the same of	Ship, Asset 1
6906	OBMP Engineering	\$ 61,071	\$ 49,171	\$ 38,904	\$ 30,471	\$ 27,971	\$ 614,273		\$ 206,726	42%	75%
6906.1	OBMP - Watermaster Model Applications	20,000	-	-	2	-	173,716	173,716	2,744	70%	98%
6906.21	State of the Basin Report	20,000	25,000	30,000	25,000	24,230	149,333	149,333	(49,333)	16%	149%
6910.11	IEUA - As-Need Support for Obtaining Grant Funding of RMPU Projeds	-	-	-	-	-	5,502	2,751	(2,751)	n/a	n/a
6910.13	IEUA - GW Velocity Field - San Savaine Basin Improvement Project	-	-		-		792	396	(396)	n/a	n/a
6910.14	IEUA - Truing-Up 2013 RMPU Recharge Estimates	-	-	-	-	-	65,059	42,530	(42,530)		n/a
	IEUA - MPI Analysis for RMPU	-	-	-		-	99,539	49,770	(49,770)		n/a
	GW Gality - Engineering Services	15,850	14,000	5,000		14,000	116,394	116,394	13,161	49%	90%
7103.5	GW Quality - Laboratory Services	826	-	-	-	-	29,688	29,688	9,517	74%	76%
7104.3	GW Level - Engineering Services	16,853	11,903	17,603	17,103	13,698	170,920	170,920	21,747	39%	89%
7104.8	GW Level - Contract Services	2	-	12.0	10,000	-	10,000	10,000	-	0%	100%
7104.9	GW Level - Capital Services		-	-	-	3,500	7,549	7,549	(549)		108%
7107.2	Ground Level - Engineering Services	4,666	16,236	6,993	1,456	23,466	83,779	83,779	713	23%	99%
7107.3	Ground Level - SAR Imagery	-	56,000	-	-	-	85,000	85,000	-	14%	100%
7107.6	Ground Level - Contract Services	21,572	-	1,700	300	1,596	68,245	68,245	0	0%	100%
7107.8	Ground Level - Capital Equipment	-	-	1,000	- 1	21	1,229	1,229	2,271	7%	35%
7108.3	HCMP - Engineering Services	12,330	18,100	10,815	830	-	59,814	59,814	(2,207)	25%	104%
7108.4	HCMP - Lab Services	-	-	2,032	-	-	21,936	21,936	3,145	71%	87%
7108.31	HCMP - Eng. Serv PBHSP	45,100	35,400	23,200	15,100	18,527	283,658	283,658	5,278	30%	98%
7108.32	HCMP - Adaptive Management Pian	-	-	-	-	-	48,839	48,839	1,161	87%	98%
7108.41	HCMP - Lab. Serv PBHSP		12,304	-	-	12,304	47,216	47,216	2,000	46%	96%
7108.6	HCMP - Eng. Serv PBHSP - Outside Pro	-	40	-	-	-	48,000	48,000	17,000	62%	74%
7109.3	Recharge & Well Moritoring - Engineering Serv.	3,000	-	-	9,000	3,000	19,252	19,252	4,067	18%	83%
7202.2	Comp Recharge - Engineering Services	17,555	15,055	15,055	17,555	15,055	136,470	136,470	24,546	28%	85%
7303	OBMP - Engineering Services - Desalters	1,000	1,000	1,000	1,000	1,000	5,000	5,000	4,480	0%	53%
7402	OBMP - Engineering Services - MZ1	18,600	23,000	7,750	12,558	19,100	142,490	142,490	(24,278)	43%	121%
7402.1	OBMP - Engineering Services - Northwest MZ1	28,731	26,750	65,390	17,000	17,591	342,863	342,863	19,241	42%	95%
7403	OBMP - Contract Services - MZ1	18,371	_	10,000	-	-	28,871	28,871	1,129	2%	96%
7502	OBMP - Engineering Services - WQC	3,620	3,620	3,620	3,620	3,620	28,848	28,848	14,592	20%	66%
7602	OBMP - Engineering Services - Storage	30,000	-	-	-	-	68,471	68,471	(1,575)	13%	102%
Totals		\$ 339,145	\$ 307,539	\$ 240,063	\$ 161,003	\$ 198,659	\$ 2,982,745	\$ 2,887,299	\$ 180,130	45%	97%

Note: Billed includes MWH Laboratory involces paid directly by Watermaster

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Watermaster does not plan to present any Budget Transfers or Budget Amendments at this time.

The third ECAC report is scheduled to be issued in mid-May 2017 for the period July 2016 through March 2017.

November 2016:

The first ECAC report for the current fiscal year has been provided for the period ending September 30, 2016 and shows a projected over budget at fiscal year-end June 30, 2017 of \$35,859. The majority of the budget overage is projected in OBMP Engineering (6906's) and OBMP-Engineering Services-MZ1 (7402). There are also some activities that are projected to be under budget at fiscal year-end. To see the complete July 1, 2016 through September 30, 2016 ECAC report, click on the following link:

http://www.cbwm.org/FTP/ECAC%20Reports/2016-17%201st%20Quarter%20Review%20and%20ECAC-070116%20to%20093016.pdf

Watermaster does not plan to present any Budget Transfers or Budget Amendments at this time.

The second ECAC report is scheduled to be issued in mid-February 2017 for the period July 2016 through December 2016.

October 2016:

Wildermuth Environmental, Inc. provides Watermaster an Estimated Cost at Completion (ECAC) report each quarter. The purpose of this ECAC report is to update Watermaster on whether or not the Engineering Services budget will be above or below budget at the end of the fiscal year. If the Engineering Services budget is expected to be above budget at fiscal year-end, a Budget Amendment or Budget Transfer Form would need to be approved to ensure funding.

The first ECAC report for the current fiscal year has been provided for the period ending September 30, 2016 and shows a projected over budget at fiscal year-end June 30, 2017 of \$35,859. The majority of the budget overage is projected in OBMP Engineering (6906's) and OBMP-Engineering Services-MZ1 (7402). There are also some activities that are projected to be under budget at fiscal year-end. Watermaster does not plan to present any Budget Transfers or Budget Amendments at this time.

The second ECAC report is scheduled to be issued in mid-February 2017 for the period July 2016 through December 2016.

Attachment 1a Chino Basin Watermaster: Invoice Projections for Engineering Tasks for Fiscal Year 2016/17 As of September 30, 2016

Acct#	D escription	Original Budget	Revised Budget	Billed Jul-16	Billed Aug-16	Billed Sep-16	Projected Oct-16	Projected Nov-16	Projected Dec-16	Projected Jan-17
6906	OBMP Engineering	\$ 820,999	\$ 820,999	\$ 79,112	\$ 84,890	\$ 91,041	\$ 89,694	\$ 75,571	\$ 43,233	\$ 66,071
6906.1	OBMP - Watermaster Model Applications	176,460	176,460	2,359	23,757	10,948	27,000	14,050	14,050	14,050
6906.21	State of the Basin Report	1 00,000	100,000	-	-	-	-	12,000	8,000	20,000
7103.3	GW Qality - Engineering Services	129,555	129,555	16,738	14,493	14,423	2,871	4,350	9,500	10,803
7103.5	GW Quality - Laboratory Services	39,205	39,205	1,346	10,623	6,968	848	7,500	8,500	3,420
7104.3	GW Level - Engineering Services	192,667	192,667	8,788	23,979	10,748	7,555	19,185	16,385	18,785
7104.8	GW Level - Contract Services	10,000	10,000	-	-	-	-	121	-	2
7104.9	GW Level - Capital Services	7,000	7,000	140	1,232	474	1,800	5	-	- 1
7107.2	Ground Level - Engineering Services	84,492	84,492	4,591	2,880	1,440	4,180	2,500	10,700	13,293
7107.3	Ground Level - SAR Imagery	85,000	85,000	-	<u>_</u>	-	12,000	-	-	17,000
7107.6	Ground Level - Contract Services	68,245	68,245	-	-		- 1	202	15,300	30,300
7107.8	Ground Level - Capital Equipment	3,500	3,500	-	-	-	-	-	2,000	-
7108.3	HCMP - Engineering Services	57,607	57,607	2,052	7,996	1,668	2,459	200	100	3,874
7108.4	HCMP - Lab Services	25,081	25,081	2,032	13,408	-	2,432	-	-	2,032
7108.31	HCMP - Eng. Serv PBHSP	276,864	288,936	-	30,350	20,176	24,700	23,550	45,056	41,755
7108.32	HCMP - Adaptive Management Plan	-	50,000	1-1	6,981	6,966	4,500	18,650	14,956	-
7108.41	HCMP - Lab. Serv PBHSP	49,216	49,216	-	-	11,304		-	12,304	-
7108.6	HCMP - Eng. Serv PBHSP - Outside Pro	65,000	65,000	-	-	40,000	-	6,600	-	-
7109.3	Recharge & Well Monitoring - Engineering Serv.	23,318	23,318	(+)	2,171	-	-	2,700	-	- 1
7202.2	Comp Recharge - Engineering Services	161,016	161,016	17,889	7,199	3,298	9,898	12,208	12,208	16,114
7303	OBMP - Engineering Services - Desatters	9,480	9,480	-	-	-	250	1,150	1,150	1,150
7402	OBMP - Engineering Services - M Z1	111,212	118,212	10,405	14,026	21,782	1,600	9,600	9,600	600
7402.1	OBMP - Engineering Services - Northwest MZ1	104,599	362,104	11,553	27,005	24,485	53,303	44,000	40,750	40,250
7403	OBMP - Contract Services - MZ1	30,000	30,000	500	-	-	-	15,000	9,500	-
7502	OBMP - Engineering Services - WQC	43,440	43,440	1,405	-	1,274	4,500	3,620	3,620	3,620
7602	OBMP - Engineering Services - Storage	66,896	66,696	l	1,579	5,374	1,500	7,305	7,305	7,305
Totals		\$ 2,740,852	\$ 3,067,429	\$ 158,769	\$ 272,569	\$ 272,370	\$ 251,090	\$ 279,947	\$ 284,218	\$ 310,422

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Attachment 1a
Chino Basin Watermaster: Invoice Projections for Engineering Tasks for Fiscal Year 2016/17
As of September 30, 2016

Acct #	D escription	Projected Feb-17	Projected Mar-17	Projected Apr-17	Projected May-17	Projected Jun-17	Total Projected	Under / (Over) Rev. Budget	YTD % Billed Rev. Budget	Projected % Rev. Budget
6906	OBMP Engineering	\$ 62,162	\$ 85,531	\$ 68,171	\$ 67,771	\$ 64,171	\$ 877,419	\$ (56,420)	31 %	107%
6906.1	OBMP - Watermaster Model Applications	14,050	14,050	14,050	14,050	14,050	176,460	-	21 %	100%
6906.21	State of the Basin Report	20,000	20,000	20,000	-	- 1	100,000	-	0%	100%
7103.3	GW Qality - Engineering Services	18,200	12,110	4,386		15,000	122,874	6,681	35%	95%
7103.5	GW Quality - Laboratory Services	-	-	-	-	-	39,205	-	48%	100%
7104.3	GW Level - Engineering Services	17,353	13,603	19,853	17,603	15,260	189,100	3,567	23%	98%
7104.8	GW Level - Contract Services	141	=	-	10,000	-	10,000	-	0%	100%
7104.9	GW Level - Capital Services	-	-	-	-	5,200	8,712	(1,712)	24%	124%
7107.2	Ground Level - Engineering Services	4,700	20,148	16,793	1,500	1,500	84,224	268	11 %	100%
7107.3	Ground Level - SAR Imagery	-	56,000	-	-	-	85,000	-	0%	100%
7107.6	Ground Level - Contract Services	300	19,949	300	300	1,596	68,245	-	0%	100%
7107.8	Ground Level - Capital Equipment	-	1,000	-	-	-	3,000	500	0%	86%
7108.3	HCMP - Engineering Services	12,190	14,990	11,813	730	1,026	59,098	(1,491)	20%	103%
7108.4	HCMP - Lab Services	-	-	2,032	-	-	21,936	3,145	62%	87%
7108.31	HCMP - Eng. Serv PBHSP	31,030	30,086	12,713	13,441	14,602	287,459	1,477	17%	99%
7108.32	HCMP - Adaptive Management Plan	-	-	-	-	-	52,052	(2,052)	28%	104%
7108.41	HCMP - Lab. Serv PBHSP		12,304	-	-	12,304	48,216	1,000	23%	98%
7108.6	HCMP - Eng. Serv PBHSP - Outside Pro		-			-	46,600	18,400	62%	72%
7109.3	Recharge & Well Monitoring - Engineering Serv.	3,200	-	-	9,000	5,118	22,189	1,129	9%	95%
7202.2	Comp Recharge - Engineering Services	16,114	16,114	16,114	16,114	16,114	159,386	1,630	18%	99%
7303	OBMP - Engineering Services - Desatters	1,150	1,150	1,150	1,150	1,150	9,450	30	0%	100%
7402	OBMP - Engineering Services - M Z1	13,000	23,000	7,750	12,558	19,100	1 43,021	(24,809)	39%	121%
7402.1	OBMP - Engineering Services - Northwest MZ1	20,750	23,790	39,750	14,000	15,591	355,227	6,877	17%	98%
7403	OBMP - Contract Services - MZ1	12	-	5,000		-	30,000	-	2%	100%
7502	OBMP - Engineering Services - WQC	3,620	3,620	3,620	5,000	3,620	37,519	5,921	6%	86%
7602	OBMP - Engineering Services - Storage	7,305	7,305	7,305	7,305	7,305	66,895	(0)	10%	100%
Totals		\$ 245,124	\$ 374,750	\$ 250,800	\$ 190,522	\$ 212,708	\$ 3,103,288	\$ (35,859)	80%	101%

Note: Billed includes MWH Laboratory invoices paid directly by Watermaster.

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July 2016:

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

- 1. The ongoing Adaptive Management Plan for the Prado Basin Habitat Sustainability Program in connection with the vegetation monitoring database in HydroDaVE (account 7108.31 in the amount of \$12,072). This work was originally scoped for FY 2015/16 but was not performed because the Adaptive Management Plan was not finalized and adopted by Watermaster in FY 2015/16.
- 2. Preparation of the Final PBHSP Adaptive Management Plan and the 2016 PBHSP Annual Report (account 7108.32 in the amount of \$50,000). The Adaptive Management Plan for the PBHSP was not finalized during FY 2015/16 and as a result, the initial Annual Report was not completed. The scope for preparing the 2016 Annual Report in FY 2016/17 was based on the assumption that the initial 2015 Annual Report of the PBHSP would have already been completed.
- 3. The finalization of the 2015 Annual Report of the Ground-Level Monitoring Committee (account 7402 in the amount of \$7,000). The Annual Report has been delayed primarily because the InSAR and ground-level survey data were delivered in March, which delayed the report and completion. The report will be finalized in FY 2016/17.

4. Three separate subtasks for the effort to develop a Subsistence Management Plan for the Northwest MZ-1 Area which is a 5-6 year effort (account 7402.1 in the amount of \$257,505) which will be performed in sequential phases. Some of the early phases of the work have been delayed for various reasons (e.g. delays in initiation of the monitoring program because of difficulties in coordination with well owners). These delays push some of the work that was expected to be completed in FY 2015/16 to FY 2016/17, including subtasks associated with setup and initiation of the monitoring program, siting of extensometers, modeling, and reporting.

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

PRADO BASIN HABITAT SUSTAINABILITY PROGRAM

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

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

The process of invoicing IEUA for their 50% portion of the (WEI) invoices will be completed by Watermaster staff at the end of every quarter. The information listed below is provided for the period of May 1, 2012 through March 31, 2017:

	Wildermuth nvironmental, Inc.	ţ	50% Billing " TO" IEUA	0% Billing " FROM" IEUA	Costs For /atermaster	atermaster Staff "Hours"	W	atermaster Staff "Costs"
May 2012 - Jun. 2012	\$ 11,143.75	\$	(5,571.88)	\$ -	\$ 5,571.87	4.00	\$	411.38
Jul. 2012 - Jun. 2013	\$ 120,945.28	\$	(60,472.65)	\$ 6,275.92	\$ 66,748.55	73.00	\$	7,837.27
Jul. 2013 - Jun. 2014	\$ 21,722.09	\$	(10,861.05)	\$ 474.09	\$ 11,335.13	56.00	\$	5,719.30
Jul. 2014 - Jun. 2015	\$ 198,138.44	\$	(99,069.23)	\$ -	\$ 99,069.21	9.00	\$	1,141.63
Jul. 2015 - Jun. 2016	\$ -	\$	-	\$ -	\$ -	30.00	\$	3,587.65
Jul. 2016 - Mar. 2017	\$ -	\$	-	\$ _	\$ 	 18.00	\$	2,541.96
Totals	\$ 351,949.56	\$	(175,974.81)	\$ 6,750.01	\$ 182,724.76	 190.00	\$	21,239.19
	7108.7	71	08.71, 7108.72	7108.75				7108.11

OTHER INCOME AND EXPENSE

There were no other significant items to report within the category of Other Income and Expenses for the month ending March 31, 2017.

PREVIOUSLY REPORTED ACTIONS (Descending Order)

December 2016:

The interest earned on the Chino Basin Watermaster deposits with the Local Agency Investment Fund (LAIF) for the quarter ending December 31, 2016 of \$15,179.19 was recorded during the month of December, 2016.

During the month of December, 2016, Chino Basin Watermaster received an invoice from IEUA in the amount of \$2,471,040.00 for the purchase of 4,160.000 AF of untreated water. The purchase consisted of Cumulative Unmet Replenishment Obligation (CURO) purchases of 3,988.661 AF; Desalter Replenishment Obligation (DRO) purchases of 168.004 AF; with an excess balance of 3.335 AF being carried by Watermaster. The total purchase of 4,160.000 AF at an AF cost of \$594 (4,160.000 AF X \$594 = \$2,471,040.00). The amount of \$2,471,040.00 has been recorded to Groundwater Replenishment expense (5010).

July 2016:

Per section VI.D.3 of the Groundwater Storage Program Funding Agreement No. 49960 in the Chino Basin with The Metropolitan Water District of Southern California, the FY 2016/17 annual administrative fee invoice was issued on July 31, 2016 in the amount of \$159,631.04 under invoice number DYY 16-01.

"CARRY OVER" FUNDING

BACKGROUND OF "CARRY OVER" FUNDING

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

CURRENT MONTH - MARCH 2017

As of March 31, 2017, the total (YTD) amount remaining of the "Carried Over" funding is \$1,822,986.49 (\$2,630,337.45 - \$807,350.96 = \$1,822,986.49).

The following details are provided:

"Carried Over" Expenses At June 30, 2016

24.1134 2.13. 2.7,00113027 1.34.113 33, 20, 20, 20				GL Account	_	
Printing - Annual Report	\$	5,000.00	Α	6045	FY 2015/16	ADM
Rauch Communication Consultants - Annual Report	\$	4,951.50	В	6061.3	FY 2015/16	ADM
Chino Hills ASR Project	\$	29,285.99	С	7107.62	FY 2013/14	ASR
Hydraulic Control Engineering - PBHSP	\$	12,072.00	D	7108.31 1	FY 2015/16	ENG
Hydraulic Control Monitoring - Adaptive Mgmt Plan	\$	50,000.00	Ε	7108.32 ²	FY 2015/16	ENG
PE4 - Engineering Services	\$	7,000.00	F	7402 ³	FY 2015/16	ENG
PE4 - Northwest MZ-1 Area Project	\$	257,505.00	G	7402.1 4	FY 2015/16	ENG
Jurupa Pumping Station (TO #5)	\$	37,981.33	Н	7209.1 5	FY 2013/14	PROJ
Wineville Basin Proof of Concept (TO #6)	\$	35,397.53	I	7209.2 5	FY 2013/14	PROJ
Hickory Basin Recharge Improvement Project	\$	3,877.00	J	7690.3 5	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	М	7690.5 ⁵	FY 2013/14	PROJ
GWR SCADA Upgrades (TO #4)	\$	279,343.47	Ν	7690.61	FY 2014/15	PROJ
GWR SCADA Upgrades (TO #4)	\$	38,675.00	Ν	7690.61	FY 2015/16	PROJ
Upper Santa Ana River HCP (TO #7)	\$	32,836.88	0	7690.7	FY 2014/15	PROJ
Upper Santa Ana River HCP (TO #7)	\$	5,000.00	0	7690.7	FY 2015/16	PROJ
Lower Day Basin RMPU (TO #2)	\$	2,699.03	Ρ	7690.8	FY 2014/15	PROJ
Total Balance, June 30, 2016	\$	2,630,337.45				
MCarried Overall Delarge July 4, 2040	\$	0.000.007.45				
"Carried Over" Balance, July 1, 2016	φ	2,630,337.45				
Less: (Invoices Received To Date FY 2016/17) Printing - Annual Report	\$	(5,000.00)	Α	6045	FY 2015/16	ADM
Rauch Communication Consultants - Annual Report	φ \$	(4,951.50)	В	6061.3	FY 2015/16	ADM
Hydraulic Control Engineering - PBHSP	φ \$	(12,072.00)	D	7108.31 ¹	FY 2015/16	ENG
Hydraulic Control Monitoring - Adaptive Mgmt Plan	\$	(12,672.00)	E	7108.32 ²	FY 2015/16	ENG
PE4 - Engineering Services	Ψ \$	(7,000.00)	F	7402 ³	FY 2015/16	ENG
	φ \$	(188,791.29)	G	7402.1 ⁴	FY 2015/16	ENG
PE4 - Northwest MZ-1 Area Project	φ \$	(467,269.61)		7690.15	FY 2015/16	PROJ
RMPU Amendment (TO #1)	φ \$	(58,916.60)	K			PROJ
San Sevaine Recharge Improvement Project (TO #8)		• •	L	7690.4 7690.61	FY 2013/14 FY 2014/15	PROJ
GWR SCADA Upgrades (TO #4)	\$ ¢	(48,956.93) (2,699.03)	N P	7690.81	FY 2014/15 FY 2014/15	PROJ
Lower Day Basin RMPU (TO #2)	- \$ -		Г	7090.0	11/2014/15	PROJ
Updated Balance as of March 31, 2017	<u> </u>	1,822,986.49				

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

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

 $^{^{\}rm 2}$ Preparation of the Final PBHSP Adaptive Management Plan and the 2016 PBHSP Annual Report

³ Finalization of the 2015 Annual Report of the Ground-Level Monitoring Committee

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

⁵ Project completed and funds are available for reallocation to another project, distribution to Appropriative Pool, or maintain as extra funding

\$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 2016/17:

The auditors from the audit firm of Fedak & Brown LLP were onsite at the Watermaster offices on April 5, 2017 through April 6, 2017. This was the start of the interim field work for the period of July 1, 2016 through February 28, 2017. The final field work for the period of March 1, 2017 through June 30, 2017 is scheduled for August 2017, with the Annual Financial and Audit Reports presented to the Watermaster Board by Fedak & Brown LLP at the November 16, 2017 Board meeting. The Annual Financial and Audit Reports for FY 2016/17 are anticipated to be posted to the Watermaster website no later than December 15, 2017.

FY 2015/16:

The 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 February 28, 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. The Annual Financial and Audit Reports were presented to the Watermaster Board by Chris Brown from Fedak & Brown LLP at the November 17, 2016 Board meeting. The Annual Financial and Audit Reports for FY 2015/16 were posted to the Watermaster website on November 22, 2016.

FY 2016/17 EXHIBIT "G" NON-AGRICULTURAL POOL SALE OF WATER

Pursuant to Exhibit "G" of the Restated Judgment, members of the Overlying (Non-Agricultural) Pool may annually transfer water to members of the Appropriative Pool through a Watermaster clearinghouse process. Watermaster purchases water from the Overlying (Non-Agricultural) Pool members, which Watermaster then transfers to the members of the Appropriative Pool based on the prescribed process. Members of the Appropriative Pool purchasing water through the process must complete their payments to Watermaster by June 30 of the fiscal year. Watermaster has determined that NRG CA South, LP is in compliance with Restated Judgment, Exhibit "G" ¶9(g), authorizing 2015-2016 Exhibit "G" Physical Solution Transfers.

The invoices to the four Appropriators who purchased Exhibit "G" water from the Non-Agricultural Pool were issued on March 23, 2017 totaling \$570,000. Once Watermaster has received all of the payments from the Appropriators and those payments have cleared the bank, Watermaster will issue payment to NRG CA South, LP in the amount of $$570,000 (1,000.000 \text{ AF } \times $570.000 = $570,000)$.

ASSESSMENT INVOICING

CURRENT MONTH - MARCH 2017

To date, all assessment invoice payments have been received. No Assessment activity for the month to report.

PREVIOUSLY REPORTED ACTIONS (Descending Order)

December 2016:

The Watermaster Board approved the FY 2016-2017 Assessment Package (Production Year 2015-2016) at the November 17, 2016 meeting. Watermaster staff created and emailed the Assessment invoices on Thursday, November 17, 2016. The Assessment invoices were due 30 days from invoice date, with all payments to be received by Watermaster on or before the close of business at 5:00pm on Monday, December 19, 2016. As in prior years, payments could be made by either check or wire transfer. As of December 19, 2016, all but one payment had been received. The late payment was received on December 20, 2016 with the late fee for one day being invoiced. The late fee was received on January 3, 2017.

November 2016:

The Watermaster Board approved the FY 2016-2017 Assessment Package (Production Year 2015-2016) at the November 17, 2016 meeting. Watermaster staff created and emailed the Assessment invoices on Thursday, November 17, 2016. The Assessment invoices were due 30 days from invoice date, with all payments to be received by Watermaster on or before the close of business at 5:00pm on Monday, December 19, 2016. As in prior years, payments could be made by either check or wire transfer. As of December 19, 2016, all but one payment had been received. The late payment was received on December 20, 2016 with the late fee for one day being invoiced.

October 2016:

The Watermaster Board approved the FY 2016-2017 Assessment Package (Production Year 2015-2016) at the November 17, 2016 meeting. Watermaster staff created and emailed the Assessment invoices on Thursday, November 17, 2016. The Assessment invoices are due 30 days from invoice date, with all

payments to be received by Watermaster on or before the close of business Monday, December 19, 2016. As in prior years, payments can be made by either check or wire transfer.

This year's Assessment invoicing included the standard Assessment amounts per the Assessment Package, along with any Special Assessments and the "Excess Cash Reserve" refund credits. The Appropriative Pool had a Special Assessment of \$50,000 as approved during the budgeting process. The \$50,000 was allocated to the Appropriative Pool members based upon a prorated formula of 50% Operating Safe Yield (OSY) and 50% physical production numbers from FY 2015/16.

The Non-Agricultural Pool had a Special Assessment of \$60,000 as approved during a Confidential Session on April 14, 2016. The \$60,000 was allocated to the Non-Agricultural Pool members based upon the actual production numbers from 2015/16.

The Excess Cash Reserve refunds totaled \$31,189 to the Appropriative Pool members and \$3,509 to the Non-Agricultural Pool members, based upon the pro rata share of FY 2015/16 payments. The Excess Cash Reserve-Recharge Debt Payment refund of \$155,824 was refunded to the Appropriative Pool members based upon the pro rata share of FY 2015/16 Recharge Debt Assessments paid. The refunds were applied as credits on the Assessment invoices and allocated based upon last year's percentage of assessments paid.

September 2016:

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

No Assessment activity for the month to report.

ATTACHMENTS

1. Financial Report - B5

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Budget vs. Actual

Current Month, Year-To-Date and Fiscal Year-End

1/12th (8.33%) of the Total Budget

9/12th (75.00%) of the Total Budget

100% of the Total Budget

		./12th (8.33%) d		et			of the Total Bud			LUU% of the Tota		,
		or The Month o					March 31, 2017			scal Year End as		
	Actual	Budget	\$ Over(Under)	% of Budget	Actual	Budget	\$ Over(Under)	% of Budget	Projected	Budget	\$ Over(Under)	% of Budget
<u>Income</u>									l			
4010 · Local Agency Subsidies	0.00	0.00	0.00	0.0%	159,631.04	158,923.00	708.04	100.45%	159,631.04	158,923.00	708.04	100.45%
4110 · Admin Asmnts-Approp Pool	0.00	0.00	0.00	0.0%	10,059,406.05	10,002,660.00	56,746.05	100.57%	10,059,406.05	10,002,660.00	56,746.05	100.57%
4120 · Admin Asmnts-Non-Agri Pool	0.00	0.00	0.00	0.0%	255,682.35	311,996.00	-56,313.65	81.95%	255,682.35	311,996.00	-56,313.65	81.95%
4700 - Non Operating Revenues	26,072.50	6,962.00	19,110.50	374.5%	48,707.52	14,918.00	33,789.52	326.5%	72,709.00	19,890.00	52,819.00	365.56%
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%
Total Income	26,072.50	6,962.00	19,110.50	374.5%	10,523,426.96	10,488,497.00	34,929.96	100.33%	10,547,428.44	10,493,469.00	53,959.44	100.51%
Gross Profit	26,072.50	6,962.00	19,110.50	374.5%	10,523,426.96	10,488,497.00	34,929.96	100.33%	10,547,428.44	10,493,469.00	53,959.44	100.51%
Expense								1				į.
6010 · Admin. Salary/Benefit Costs	50,404.19	86,933.00	-36,528.81	57.98%	726,078.60	733,505.00	-7,426.40	98.99%	967,118.16	971,056.00	-3,937.84	99.59%
6020 · Office Building Expense	8,449.46	9,492.00	-1,042.54	89.02%	75,177.13	83,848.00	-8,670.87	89.66%	107,089.92	111,356.00	-4,266.08	96.17%
6030 · Office Supplies & Equip.	1,286.90	2,920.00	-1,633.10	44.07%	16,599.12	22,780.00	-6,180.88	72.87%	28,338.40	30,040.00	-1,701.60	94.34%
6040 · Postage & Printing Costs	3,090.18	3,786.00	-695.82	81.62%	42,207.14	47,689.00	-5,481.86	88.51%	61,605.78	61,852.00	-246.22	99.6%
6050 · Information Services	10,828.02	9,341.00	1,487.02	115.92%	106,790.10	108,069.00	-1,278.90	98.82%	140,003.16	141,092.00	-1,088.84	99.23%
6060 · Contract Services	18,995.55	0.00	18,995.55	100.0%	51,815.49	30,951.50	20,863.99	167.41%	61,815.49	30,951.50	30,863.99	199.72%
6070 · Watermaster Legal Services	19,148.16	13,811.00	5,337.16	138.64%	239,050.63	159,284.00	79,766.63	150.08%	272,983.52	200,713.00	72,270.52	136.01%
6080 · Insurance	0.00	0.00	0.00	0.0%	26,253.22	31,962.00	-5,708.78	82.14%	28,753.22	31,962.00	-3,208.78	89.96%
6110 · Dues and Subscriptions	263.00	250.00	13.00	105.2%	20,997.28	21,054.00	-56.72	99.73%	20,997.28	21,054.00	-56.72	99.73%
□ 6140 · WM Admin Expenses	13,49	250.00	-236.51	5.4%	990.18	2,050.00	-1,059.82	48.3%	1,770.24	2,500.00	-729.76	70.81%
6150 · Field Supplies	0.00	0.00	0.00	0.0%	394.82	1,350.00	-955.18	29.25%	1,289.64	1,450.00	-160.36	88.94%
6170 · Travel & Transportation	788.20	1,705.00	-916.80	46.23%	10,904.06	18,690.00	-7,785.94	58.34%	18,957.84	24,870.00	-5,912.16	76.23%
6190 · Training, Conferences, Seminars	2,070.75	3,050.00	-979.25	67.89%	17,196.96	27,450.00	-10,253.04	62.65%	35,968.52	36,600.00	-631.48	98.28%
6200 · Advisory Comm - WM Board	1,613.46	3,828.00	-2,214.54	42.15%	24,881.75	31,780.00	-6,898.25	78.29%	38,813.90	42,819.00	-4,005.10	90.65%
6300 · Watermaster Board Expenses	14,760.30	13,106.00	1,654.30	112.62%	112,749.19	120,598.00	-7,848.81	93.49%	154,702.80	159,234.00	-4,531.20	97.15%
8300 · Appr PI-WM & Pool Admin	24,361.61	9,607.00	14,754.61	253.58%	95,250.86	82,558.00	12,692.86	115.37%	108,925.26	110,765.00	-1,839.74	98.34%
8400 · Agri Pool-WM & Pool Admin	3,008.95	5,288.00	-2,279.05	56.9%	31,680.39	43,852.00	-12,171.61	72.24%	53,999.62	59,176.00	-5,176.38	91.25%
8467 · Ag Legal & Technical Services	24,200.00	17,083.00	7,117.00	141.66%	175,177.50	153,751.00	21,426.50	113.94%	203,830.00	205,000.00	-1,170.00	99.43%
8470 · Ag Meeting Attend -Special	3,175.00	1,850.00	1,325.00	171.62%	14,575.00	16,650.00	-2,075.00	87.54%	19,650.00	22,200.00	-2,550.00	88.51%
8471 · Ag Pool Expense	0.00	16,250.00	-16,250.00	0.0%	0.00	48,750.00	-48,750.00	0.0%	25,000.00	65,000.00	-40,000.00	38,46%
8485 · Ag Pool - Misc. Exp Ag Fund	0.00	0.00	0.00	0.0%	545.98	400.00	145.98	136.5%	600.00	400.00	200.00	150.0%
8500 · Non-Ag PI-WM & Pool Admin	2,065.51	9,235.00	-7,169.49	22.37%	67,466.09	79,797.00	-12,330.91	84.55%	102,512.78	107,152.00	-4,639.22	95.67%
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	-20,758.70	-31,542.00	10,783.30	65.81%	-138,719.32	-283,879.00	145,159.68	48.87%	-249,234.24	-378,505.00	129,270.76	65.85%
6900 · Optimum Basin Mgmt Plan	194,552.72	136,957.00	57,595.72	142.05%	1,255,414.08	1,244,720.00	10,694.08	100.86%	1,616,936.16	1,654,053.00	-37,116.84	97.76%
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	6,294.45	6,122.00	172.45	102.82%	28,281.86	55,100.00	-26,818.14	51.33%	45,006.52	73,466.00	-28,459.48	61.26%
7101 Production Monitoring	8,352.97	7,041.00	1,311.97	118.63%	40,455.27	61,223.00	-20,767.73	66.08%	75,623.34	81,372.00	-5,748.66	92.94%
7102 · In-line Meter Installation	0.00	5,654.00	-5,654.00	0.0%	764.23	50,485.00	-49,720.77	1.51%	51,528.46	67,264.00	-15,735.54	76.61%
7103 - Grdwtr Quality Monitoring	9,958.33	18,862.00	-8,903.67	52.8%	162,634.62	206,800.00	-44,165.38	78.64%	262,161.36	262,397.00	-235.64	99.91%
7104 - Gdwtr Level Monitoring	12,726.79	21,724.00	-8,997.21	58.58%	156,341.97	193,954.00	-37,612.03	80.61%	244,426.50	258,416.00	-13,989.50	94.59%
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	86,971.69	34,270.00	52,701.69	253.78%	185,415.97	210,212.99	-24,797.02	88.2%	246,264.56	270,522.99	-24,258.43	91.03%
	1	.,	-,			•		•	-			

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

1/12th (8.33%) of the Total Budget

9/12th (75.00%) of the Total Budget

100% of the Total Budget

r		71211 (0.33/0) 0	Title Total Duug	;et	3/	12(11 (73.0070)	Ji tile Total buu	ger	1	.00% or the rota	ai buuget	
	F	or The Month o	of March 2017		Yea	ar-To-Date as of	March 31, 2017		Fis	cal Year End as	of June 30, 2017	7
	Actual	Budget	\$ Over(Under)	% of Budget	Actual	Budget	\$ Over(Under)	% of Budget	Projected	Budget	\$ Over(Under)	% of Budget
7108 · Hydraulic Control Monitoring	92,083.86	40,285.00	51,798.86	228.58%	410,898.04	424,251.00	-13,352.96	96.85%	525,249.50	544,931.00	-19,681.50	96.39%
7109 · Recharge & Well Monitoring Prog	0.00	1,943.00	-1,943.00	0.0%	5,972.90	17,489.00	-11,516.10	34.15%	16,003.00	23,318.00	-7,315.00	68.63%
7200 · PE2- Comp Recharge Pgm	232,468.55	262,687.00	-30,218.45	88.5%	1,075,851.18	1,222,359.86	-146,508.68	88.01%	1,239,660.26	1,277,384.86	-37,724.60	97.05%
7300 · PE3&5-Water Supply/Desalte	0.00	2,743.00	-2,743.00	0.0%	0.00	24,039.00	-24,039.00	0.0%	15,157.20	31,972.00	-16,814.80	47.41%
7400 · PE4- Mgmt Plan	31,167.36	21,527.00	9,640.36	144.78%	275,762.65	457,842.00	-182,079.35	60.23%	490,139.04	522,241.00	-32,101.96	93.85%
7500 · PE6&7-CoopEfforts/SaltMgmt	1,905.40	4,458.00	-2,552.60	42.74%	11,122.20	39,721.00	-28,598.80	28.0%	42,496.00	52,912.00	-10,416.00	80.31%
7600 · PE8&9-StorageMgmt/Conj Use	3,099.25	9,681.00	-6,581.75	32.01%	29,978.30	85,179.00	-55,200.70	35.19%	103,132.36	113,336.00	-10,203.64	91.0%
7690 ⋅ Recharge Improvement Debt Pymt	-78,397.00	1,130,200.00	-1,208,597.00	-6.94%	1,051,470.43	5,525,944.10	-4,474,473.67	19.03%	4,009,734.86	5,525,944.10	-1,516,209.24	72.56%
7700 · Inactive Well Protection Prgm	0.00	42.00	-42.00	0.0%	0.00	374.00	-374.00	0.0%	250.00	500.00	-250.00	50.0%
9502 · G&A Expenses Allocated-Projects	14,464.25	25,420.00	-10,955.75	56.9%	110,437.46	228,779.00	-118,341.54	48.27%	204,227.72	305,039.00	-100,811.28	66.95%
Total Expense	783,412.65	1,905,859.00	-1,122,446.35	41.11%	6,518,863.33	11,631,412.45	-5,112,549.12	56.05%	11,393,488.13	13,123,806.45	-1,730,318.32	86.82%
Net Ordinary Income	-757,340.15	-1,898,897.00	1,141,556.85	39.88%	4,004,563.63	-1,142,915.45	5,147,479.08	-350.38%	-846,059.69	-2,630,337.45	1,784,277.76	32.17%
Other Income												
4210 · Approp Pool-Replenishment	0.00	0.00	0.00	0.0%	959,063.76	0.00	959,063.76	100.0%	959,063.76	0.00	959,063.76	100.0%
4220 · Non-Ag Pool-Replenishment	0.00	0.00	0.00	0.0%	15,798.22	0.00	15,798.22	100.0%	15,798.22	0.00	15,798.22	100.0%
4225 · Interest Income	1,996.61	0.00	1,996.61	100.0%	7,758.72	0.00	7,758.72	100.0%	12,024.22	0.00	12,024.22	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	570,000.00	0.00	570,000.00	100.0%	570,000.00	0.00	570,000.00	100.0%	570,000.00	0.00	570,000.00	100.0%
Other Income	571,996.61	0.00	571,996.61	100.0%	1,552,620.70	0.00	1,552,620.70	100.0%	1,556,886.20	0.00	1,556,886.20	100.0%
Other Expense												
5010 - Groundwater Replenishment	8,440.40	0.00	8,440.40	100.0%	2,479,480.40	0.00	2,479,480.40	100.0%	2,479,480.40	0.00	2,479,480.40	100.0%
5100 - Other Water Purchases	570,000.00	0.00	570,000.00	100.0%	570,000.00	0.00	570,000.00	100.0%	570,000.00	0.00	570,000.00	100.0%
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%	31,189.00	0.00	31,189.00	100.0%	31,189.00	0.00	31,189.00	100.0%
9997 · Refund-Excess Reserves-NonAg	0.00	0.00	0.00	0.0%	3,509.00	0.00	3,509.00	100.0%	3,509.00	0.00	3,509.00	100.0%
9998 · Refund-Recharge Debt-Approp.	0.00	0.00	0.00	0.0%	155,824.00	0.00	155,824.00	100.0%	155,824.00	0.00	155,824.00	100.0%
9999 · To/(From) Reserves	0.00	0.00	0.00	0.0%	158,251.00	0.00	158,251.00	100.0%	158,251.00	0.00	158,251.00	100.0%
Total Other Expense	578,440.40	0.00	578,440.40	100.0%	3,398,253.40	0.00	3,398,253.40	100.0%	3,398,253.40	0.00	3,398,253.40	100.0%
Net Other Income	-6,443.79	0.00	-6,443.79	100.0%	-1,845,632.70	0.00	-1,845,632.70	100.0%	-1,841,367.20	0.00	-1,841,367.20	100.0%
Net Income	-763,783.94	1,898,897.00	1,135,113.06	40.22%	2,158,930.93	-1,142,915.45	3,301,846.38	-188.9%	-2,687,426.89	-2,630,337.45	-57,089.44	102.17%
	202											

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

- I. CONSENT CALENDAR (App and Ag Pool)
 C. CBWM 39th ANNUAL REPORT
- I. **BUSINESS ITEM ROUTINE (Non-Ag Pool)**
 - C. CBWM 39th ANNUAL REPORT



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

PETER KAVOUNAS, P.E.

General Manager

STAFF REPORT

DATE:

May 11, 2017

TO:

Pool Committee Members

SUBJECT:

Chino Basin Watermaster 39th Annual Report (Consent Calendar Item I.C)

SUMMARY

<u>Issue</u>: Watermaster is required annually to file an Annual Report with the Court. The 39th Annual Report (Fiscal Year 2015-16) has been drafted.

<u>Recommendation:</u> Recommend to Advisory Committee to recommend to the Board to adopt the 39th Annual Report, along with filing a copy with the Court, subject to any necessary non-substantive changes.

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

Future Consideration

Appropriative Pool – May 11, 2017: Recommend that the Advisory Committee recommend to the Watermaster Board to adopt the 39th Annual Report, along with filing a copy with the Court, subject to any necessary non-substantive changes.

Non-Agricultural Pool – May 11, 2017: Recommend that the Advisory Committee recommend to the Watermaster Board to adopt the 39th Annual Report, along with filing a copy with the Court, subject to any necessary non-substantive changes.

Agricultural Pool – May 11, 2017: Recommend that the Advisory Committee recommend to the Watermaster Board to adopt the 39th Annual Report, along with filing a copy with the Court, subject to any necessary non-substantive changes.

Advisory Committee – May 18, 2017: Recommend to the Watermaster Board to adopt the 39th Annual Report, along with filing a copy with the Court, subject to any necessary non-substantive changes.

Watermaster Board – May 25, 2017: Adopt the 39th Annual Report, along with filing a copy with the Court, subject to any necessary non-substantive changes. [Discretionary Function]

ACTIONS:

Appropriative Pool – May 11, 2017: Non-Agricultural Pool – May 11, 2017: Agricultural Pool – May 11, 2017: Advisory Committee – May 18, 2017: Watermaster Board – May 25, 2017:

BACKGROUND

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

DISCUSSION

The 39th Annual Report covering fiscal year 2015-16 has been drafted. The report summarizes Watermaster's activities during the fiscal year, and includes the Assessment Package and the annual audit. Once adopted by the Board, the Annual Report will be filed with the Court.

ATTACHMENTS

1. Final Draft of the CBWM 39th Annual Report
Click on the link below to access:
<a href="http://www.cbwm.org/FTP/39th%20Annual%20Report%20Final%20Draft/39th%20Annual%20Report%20Final%20Draft/39th%20Annual%20Report%20Final%20Draft/39th%20Annual%20Report%20(Final%20Draft).pdf

- I. CONSENT CALENDAR (App and Ag Pool)
 - D. AGREEMENT WITH SBDO COUNTY FOR CREATION OF GSA FOR SGMA FRINGE AREAS
- I. **BUSINESS ITEM ROUTINE (Non-Ag Pool)**
 - D. AGREEMENT WITH SBDO COUNTY FOR CREATION OF GSA FOR SGMA FRINGE AREAS



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PETER KAVOUNAS, P.E.

General Manager

STAFF REPORT

DATE:

May 11, 2017

TO:

Pool Committee Members

SUBJECT:

Agreement with San Bernardino County for Creation of GSA for SGMA Fringe Areas

(Consent Calendar Item I.D.)

SUMMARY

<u>Issue</u>: A Cooperation Agreement with the County of San Bernardino is needed for the creation of a Groundwater Sustainability Agency (GSA) for the management of the SGMA Fringe Areas within the Chino Basin in San Bernardino County.

<u>Recommendation:</u> Recommend to Advisory Committee to approve the proposed Cooperation Agreement between Chino Basin Watermaster and the County of San Bernardino for the creation of a GSA for the SGMA Fringe Areas in San Bernardino County.

<u>Financial Impact:</u> Watermaster will reimburse the County of San Bernardino for the administrative costs incurred in the creation of the GSA, estimated to be no more than \$15,000.

Future Consideration

Appropriative Pool – May 11, 2017: Recommend Advisory Committee approval Non-Agricultural Pool – May 11, 2017: Recommend Advisory Committee approval Agricultural Pool – May 11, 2017: Recommend Advisory Committee approval Advisory Committee – May 18, 2017: Approval

Watermaster Board – May 25, 2017: Approval [Advisory Committee approval required]

ACTIONS:

Appropriative Pool –May 11, 2017: Non-Agricultural Pool – May 11, 2017: Agricultural Pool – May 11, 2017: Advisory Committee – May 18, 2017:

BACKGROUND

The Sustainable Groundwater Management Act (SGMA) mandates sustainable management of all medium and high priority groundwater basins in the State of California. The Chino Basin, by virtue of being adjudicated, is exempt from creating a Groundwater Sustainability Agency (GSA). However, the areas outside of the adjudication boundary within the Department of Water Resources' (DWR) definition of the Chino Basin must be managed in accordance to the provisions of the SGMA.

Watermaster identified Fringe Areas in three counties, the "Santa Ana River Fringe Area" in the County of Riverside, the "Pomona Fringe Area" in the County of Los Angeles, and the "San Gabriel and Chino Hills Fringe Areas" in the County of San Bernardino. Watermaster has reached an informal agreement for the creation of a GSA with Western Municipal Water District for the "Santa Ana River Fringe Area", and with the City of Pomona for the "Pomona Fringe Area".

To comply with the regulations defined in Bulletin 118 and the SGMA, Chino Basin Watermaster reached out to the County of San Bernardino to partner with them in creating a GSA for the Fringe areas in the San Gabriel Mountains and in the Chino Hills area.

DISCUSSION

The County of San Bernardino is willing to assist Watermaster in serving as the GSA and has requested to be reimbursed for reasonable expenses. The proposed agreement (Attachment 1) between Chino Basin Watermaster and the County of San Bernardino describes the terms of the arrangement. Watermaster will provide any technical services necessary to support the effort.

Watermaster will set up a Trust Account with \$15,000 of initial funding, and the County will bill time and other GSA related expenses against this account. The County will refund the remaining money once the process is concluded or will request more money if needed.

ATTACHMENTS

 Cooperation and Reimbursement Agreement between Chino Basin Watermaster and County of San Bernardino

COOPERATION AND REIMBURSEMENT AGREEMENT BETWEEN CHINO BASIN WATERMASTER AND COUNTY OF SAN BERNARDINO

This Cooperation and Reimbursement Agreement ("Agreement") is entered into as of May 23, 2017, by and between the CHINO BASIN WATERMASTER ("Watermaster") and the COUNTY OF SAN BERNARDINO ("County") (each a "Party" and collectively, the "Parties") for the purpose of ensuring compliance with the Sustainable Groundwater Management Act within an unadjudicated portion of the Chino Basin Subbasin located in the County of San Bernardino.

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) ("Judgment").
 - B. The County is a legal subdivision of the State of California.
- C. In 2014, California enacted the Sustainable Groundwater Management Act ("Act"). The Act requires the identification of a groundwater sustainability agency ("GSA") and the adoption of a groundwater sustainability plan ("GSP"), or an alternative that complies with the Act, for all groundwater basins designated as medium-priority or high-priority by the Department of Water Resources ("DWR"). However, the Act's GSA and GSP requirements do not apply to groundwater basins or portions of groundwater basins the rights to which are the subject of a court adjudication.
- D. DWR has designated the Chino Basin Subbasin (Basin No. 8-2.01) as a high-priority groundwater basin that is not in critical overdraft.
- E. The Judgment adjudicated rights to groundwater in a majority of the Chino Basin Subbasin. However, certain areas on the fringes of the Chino Basin Subbasin were not included in the Judgment. As such, the portions of the Chino Basin Subbasin that lie outside of the area adjudicated by the Judgment are subject to the Act's GSA and GSP provisions.
- It is in the best interests of the parties to the Judgment that the compliance with the Act is achieved in the fringe areas. However, pursuant to the provisions of the Act, Watermaster cannot serve as GSA or adopt a GSP in the fringe areas.
- G. The County has agreed to serve as the GSA and otherwise comply with the Act's requirements for the fringe area of the Chino Basin Subbasin within the County of San Bernardino defined and pictured in Exhibit A ("Fringe Area").
- H. In exchange for the County serving as the GSA, Watermaster has agreed to provide the County with the support and services needed to serve as the GSA, adopt a GSP, and otherwise ensure compliance with the Act in the Fringe Area. Further, Watermaster has agreed to reimburse the County for its expenses and costs associated with ensuring compliance with the Act in the Fringe Area.
- I. The Parties seek to memorialize this Agreement and manage their cooperation pursuant to the terms below.

RIGHTS AND RESPONSIBILITIES

- 1.1 **The County's Responsibilities**. The County shall take all necessary actions to serve as the GSA and otherwise satisfy the Act's requirements for the Fringe Area. These actions include, but are not limited to, the adoption of the appropriate resolutions and notifications to serve as the GSA for the Fringe Area, the timely adoption of a GSP for the Fringe Area and the timely filing of reports and documents as required by the Act.
- 1.2 **Watermaster's Responsibilities**. Watermaster **shall** provide the necessary support to the County in order for the County to serve as the GSA for the Fringe Area, adopt a GSP for the Fringe Area, and otherwise comply with the Act. Watermaster will support the County by:
 - a. assisting the County in noticing and holding a public hearing regarding the formation of the GSA;
 - b. drafting the notice of intent to act as the GSA for the Fringe Area for posting with DWR;
 - c. retaining consultant services to generate the GSP for the Fringe Area;
 - d. drafting the GSP and necessary documents for the adoption of the GSP;
 - e. assisting the County in noticing and holding a public hearing regarding the adoption of the GSP;
 - f. bearing all costs related to the formation of the GSA, adoption of the GSP, and compliance with the Act, reimbursing the County as set forth in Article 2 herein;
 - g. periodically reviewing and updating the GSP; and
 - h. generating data and reports for the County to provide to DWR in compliance with the Act.
- Relationship of Parties. Except as otherwise provided in this Agreement, neither Party shall have any authority to bind or obligate the other Party to any agreements or undertakings. In their performance of their respective responsibilities arising out of this Agreement, the Parties are in no way forming an agency or employee relationship. Each Party retains the right to exercise full supervision and control of the manner and method in which they perform their responsibilities arising out of this Agreement, including full supervision and control over the employment, direction, compensation, and discharge of all persons assisting in the performance of responsibilities under this Agreement. With respect to each Party's employees, if any, and consultants, except as may be subject to the reimbursement clause set forth in Article 2 below, each Party shall be solely responsible for payment of wages, benefits, and other compensation, compliance with all occupational safety, welfare, and civil rights laws, tax withholding, and payment of employee taxes, whether federal, state, or local, and compliance with any and all other laws regulating employment.

REIMBURSEMENT OF COSTS

- 2.1 **Reimbursement of Costs.** Watermaster shall reimburse County for any and all costs, fees, and charges relating to the County's responsibilities arising out of this Agreement, including those costs related to the negotiation and drafting of the Agreement and any amendments thereto ("Reimbursable Costs"). Reimbursable Costs include, but are not limited to, costs arising from the County's staff's time and expenses, the County's consultant's time and expenses and the County Counsel's time and expenses relating to the GSA election and adoption of the GSP for the Fringe Area.
- 2.2 **Trust Account.** The County shall establish a **trust account** ("Trust Account") into which Watermaster shall deposit funds, in the amounts specified herein, for the reimbursement of the County's Reimbursable Costs. Watermaster shall be deemed the owner of funds held in the Trust Account and all funds deposited in the Trust Account will be held by the County in an account under Watermaster's name. Watermaster shall make an initial deposit of \$15,000 ("Initial Deposit") into the Trust Account. Watermaster agrees that the County may refund any funds remaining in the Trust Account at the end of the Term, or any extensions thereto, to Watermaster.
- Charges Against the Trust Account. Reimbursable Costs shall be billed against the Trust Account at the rates specified herein or as may otherwise be mutually agreed upon in writing by the Parties. County staff time shall be reimbursed on an hourly basis at the rates specified in the San Bernardino County Code, Title I, Division 6, Chapter 2, as may be revised from time to time by the Board of Supervisors, or as may otherwise be specified herein. As of the Effective Date of this Agreement, County Counsel time shall be billed in 15 minute increments at a rate of \$194.00 an hour, increasing effective July 1, 2017, to \$204.00 an hour and the Principal Management Analyst time shall be billed in 15 minute increments at a rate of \$122.51 per hour, increasing effective July 22, 2017, to \$124.52 an hour, and as each may be revised from time to time via the applicable employee Memorandum of Understanding or amendments thereto. Costs of publication and duplication shall be at actual cost. Public hearings shall be billed at the rate set forth in County Code Section 16.0228(a)(2), as may be revised from time to time by the Board of Supervisors. The County shall provide the Watermaster with an invoice on a quarterly basis detailing the charges made by the County against the Trust Account and the amount of funds remaining in the Trust Account. If Watermaster objects to any billing, it shall raise its objection with County within thirty (30) days of the invoice, after which the Parties shall work together to address Watermaster's objection, and make any necessary changes to the billing and the amount of funds remaining in Watermaster's Trust Account.
- 2.4 Increases in Payments to the Trust Account. If it is deemed necessary by the County to utilize consultant services and the County reasonably determines that insufficient funds remain in the Trust Account to cover such consulting costs, County may request that Watermaster make an additional deposit into the Trust Account to cover consultant costs prior to the County's execution of the contract with the consultant. Charges against the contract with the consultant shall be billed by the County on an hourly basis against the Trust Account deposit. Additionally, should the amount of funds held in the Trust Account be drawn down to less than \$2,000, prior to undertaking any further services under this Agreement, the County may request that Watermaster deposit additional funds into the Trust Account in a mutually agreeable amount.

- 2.5 **Transmittal of Reimbursement Payments**. Remittance of the Initial Deposit shall be made to the County within thirty (30) days of the Effective Date, as defined in Section 3.1 below.
- 2.6 **Reimbursement Limitations**. The rates set forth in Section 2.3 above are inclusive of overhead and administrative costs related to this Agreement, Watermaster is not obligated to reimburse the County for any administrative time or overhead expenses incurred by County unrelated to this Agreement. Except for those Reimbursable Costs subject to reimbursement as set forth herein, each Party assumes absolutely no liability or obligation to the other Party's consultants, contractors, or personnel retained outside **this** Agreement.

TERM

- 3.1 **Term**. This Agreement shall commence on May 23, 2017 (*Effective Date") and remain in full force and effect for a period of five (5) years from the Effective Date unless extended by the mutual written agreement of the Parties or terminated by either party.
- 3.2 **Termination of Agreement**. In its sole discretion and upon ten (10) days' written notice, either Party may terminate this Agreement at any time the Party deems necessary. Termination shall not relieve the terminating Party from its obligations that accrued prior to termination.
- 3.3 **Termination of GSA.** Following termination of this Agreement pursuant to Article 3.2 of this Agreement, the County may, in its sole discretion, opt out of serving as a GSA for the Fringe Area by providing written notice to the appropriate agency in accordance with applicable law.

ARTICLE 4

INDEMNITY

Watermaster. Watermaster shall indemnify, defend, and hold harmless (with counsel reasonably approved by County) the County and its Board of Supervisors, authorized officers, employees, agents, and volunteers ("Indemnitees") from any and all claims, actions, losses, damages, and/or liability arising out of this Agreement from any cause whatsoever, including the acts, errors, or omissions of any of the Indemnitees and for any costs or expenses incurred by the County on account of any claim except where such indemnification is prohibited by law. This indemnification provision shall apply regardless of the existence or degree of fault of the Indemnitees. Watermaster's indemnification obligation applies to the County's "active" as well as "passive" negligence but does not apply to County's "sole negligence" or "willful misconduct" within the meaning of Civil Code Section 2782. The provisions of this Section 4.1 will survive termination of this Agreement.

INSURANCE

- 5.1 **Coverage**. Without in anyway affecting the indemnity herein provided and in addition thereto, Watermaster presently maintains and shall maintain throughout the Agreement's term the following types of insurance with limits as shown:
 - a. Workers' Compensation/Employers Liability A program of Workers' Compensation insurance or a state-approved, self-insurance program in an amount and form to meet all applicable requirements of the Labor Code of the State of California, including Employer's Liability with \$250,000 limits covering all persons including volunteers providing services on behalf of Watermaster and all risks to such persons under this Agreement
 - b. Commercial/General Liability Insurance General Liability Insurance covering all operations performed by or on behalf of Watermaster providing coverage for bodily injury and property damage with a combined single limit of not less than one million dollars (\$1,000,000), per occurrence. The policy coverage shall include:
 - 1. Premises operations and mobile equipment.
 - Products and completed operations.
 - 3. Broad form property damage (including completed operations).
 - 4. Explosion, collapse and underground hazards.
 - 5. Personal injury
 - 6. Centractual ability.
 - \$2,000,000 general aggregate limit.

Automobile Liability Insurance – Primary insurance coverage shall be written on ISO Business Auto coverage form for all owned, hired and non-owned automobiles or symbol 1 (any auto). The policy shall have a combined single limit of not less than one million dollars (\$1,000,000) for bodily injury and property damage, per occurrence. If Watermaster is transporting one or more non-employee passengers in performance of contract services, the automobile liability policy shall have a combined single limit of two million dollars (\$2,000,000) for bodily injury and property damage per occurrence.

ARTICLE 6

GENERAL PROVISIONS.

6.1 **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: Peter Kavounas, General Manager 9641 San Bernardino Road Rancho Cucamonga, CA 91730

If to County:

County of San Bernardino
Attn: Bob Page, Principal Management Analyst
Special Projects
County Administrative Office
385 N. Arrowhead Ave., 5th Floor
San Bernardino, CA, 92415-0120

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.

- 6.2 **Assignability**. The Parties may not assign all or any part of this Agreement without advance written consent of each Party's directing board.
- 6.3 **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.
- 6.4 **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.
- 6.5 **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.
- 6.6 **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.

- 6.7 **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.
- 6.8 **Attorney Fees**. Each Party shall bear its own legal costs, fees and expenses in any dispute between the Parties arising out of this Agreement.
- 6.9 **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.
- 6.10 **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.
- 6.11 **Entire Agreement**. This Agreement contains the entire understanding and agreement of the Parties, 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 only be altered, amended or modified, in whole or in part, by a written agreement executed by the Parties to this Agreement and by no other means. Each Party waives its future right to claim, contest or assertion that this Agreement was modified, canceled, superseded or changed by any oral agreement, course of conduct, waiver or estoppels.
- 6.12 **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.

signatures continued on next page

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

CHINO BASIN WATERWASTE	CHINO	BASIN	WATERMASTE	R
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By ______PETER KAVOUNAS, General Manager



- I. CONSENT CALENDAR (App and Ag Pool)
 E. WATER TRANSACTIONS
- I. **BUSINESS ITEM ROUTINE (Non-Ag Pool)**
 - E. WATER TRANSACTIONS

NOTICE

OF

APPLICATION(S)

RECEIVED FOR

WATER TRANSACTIONS - ACTIVITIES

Date of Notice:

May 4, 2017

This notice is to advise interested persons that the attached application(s) will come before the Watermaster Board on or after 30 days from the date of this notice.

NOTICE OF APPLICATION(S) RECEIVED

Date of Application: May 3, 2017 Date of this notice: May 4, 2017

Please take notice that the following Application has been received by Watermaster:

• Notice of Sale or Transfer – The purchase of 4,000.000 acre-feet of water from the City of Pomona by Cucamonga Valley Water District. This purchase is made from the City of Pomona's Excess Carryover Account.

This *Application* will first be considered by each of the respective pool committees on the following dates:

Appropriative Pool: May 11, 2017

Non-Agricultural Pool: May 11, 2017

Agricultural Pool: May 11, 2017

This Application will be scheduled for consideration by the Advisory Committee no earlier than thirty days from the date of this notice and a minimum of twenty-one calendar days after the last pool committee reviews it.

After consideration by the Advisory Committee, the *Application* will be considered by the Board.

Unless the *Application* is amended, parties to the Judgment may file *Contests* to the *Application* with Watermaster *within seven calendar days* of when the last pool committee considers it. Any *Contest* must be in writing and state the basis of the *Contest*.

Watermaster address:

Chino Basin Watermaster Tel: (909) 484-3888 9641 San Bernardino Road Fax: (909) 484-3890

Rancho Cucamonga, CA 91730

NOTICE OF TRANSFER OF WATER

Notification Dated: May 4, 2017

A party to the Judgment has submitted a proposed transfer of water for Watermaster approval. Unless contrary evidence is presented to Watermaster that overcomes the rebuttable presumption provided in Section 5.3(b)(iii) of the Peace Agreement, Watermaster must find that there is "no material physical injury" and approve the transfer. Watermaster staff is not aware of any evidence to suggest that this transfer would cause material physical injury and hereby provides this notice to advise interested persons that this transfer will come before the Watermaster Board on or after 30 days from the date of this notice. The attached staff report will be included in the meeting package at the time the transfer begins the Watermaster process (comes before Watermaster).

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9641 San Bernardino Road, Rancho Cucamonga, Ca 91730 Tel: (909) 484.3888 Fax: (909) 484-3890 www.cbwm.org

PETER KAVOUNAS, P.E. General Manager

DATE:

May 4, 2017

TO:

Watermaster Interested Parties

SUBJECT:

Summary and Analysis of Application for Water Transaction

Summary -

There does not appear to be a potential material physical injury to a party or to the basin from the proposed transaction as presented.

Issue -

 Notice of Sale or Transfer – The purchase of 4,000.000 acre-feet of water from the City of Pomona by Cucamonga Valley Water District. This purchase is made from the City of Pomona's Excess Carryover Account.

Recommendation -

- 1. Continue monitoring as planned in the Optimum Basin Management Program.
- 2. Use all new or revised information when analyzing the hydrologic balance and report to Watermaster if a potential for material physical injury is discovered, and
- 3. Approve the transaction as presented.

Fiscal Impact -

[X] None

[] May reduce assessments under the 85/15 rule

[] Reduce desalter replenishment costs

Background

The Court approved the Peace Agreement, the Implementation Plan and the goals and objectives identified in the OBMP Phase I Report on July 13, 2000, and ordered Watermaster to proceed in a manner consistent with the Peace Agreement. Under the Peace Agreement, Watermaster approval is required for applications to store, recapture, recharge or transfer water, as well as for applications for credits or reimbursements and storage and recovery programs.

Where there is no material physical injury, Watermaster must approve the transaction. Where the request for Watermaster approval is submitted by a party to the Judgment, there is a rebuttable presumption that most of the transactions do not result in Material Physical Injury to a party to the Judgment or the Basin (Storage and Recovery Programs do not have this presumption).

The following application for water transaction is attached with the notice of application.

 Notice of Sale or Transfer – The purchase of 4,000.000 acre-feet of water from the City of Pomona by Cucamonga Valley Water District. This purchase is made from the City of Pomona's Excess Carryover Account.

Notice of the water transaction identified above was mailed on May 4, 2017 along with the materials submitted by the requestors.

DISCUSSION

Water transactions occur each year and are included as production by the respective entity (if produced) in any relevant analyses conducted by Wildermuth Environmental pursuant to the Peace Agreement and the Rules & Regulations. There is no indication additional analysis regarding this transaction is necessary at this time. As part of the OBMP Implementation Plan, continued measurement of water levels and the installation of extensometers are planned. Based on no real change in the available data, we cannot conclude that the proposed water transaction will cause material physical injury to a party or to the Basin.

CONSOLIDATED WATER TRANSFER FORMS: FORM 3: APPLICATION FOR SALE OR TRANSFER OF RIGHT TO PRODUCE WATER FROM STORAGE FORM 4: APPLICATION OR AMENDMENT TO APPLICATION TO RECAPTURE WATER IN STORAGE FORM 5: APPLICATION TO TRANSFER ANNUAL PRODUCTION RIGHT OR SAFE YIELD

FISCAL YEAR 2016 - 2017

DATE REQUESTE	D: <u>May 3, 2017</u>		AMOUNT REQUESTED:	4,000.00	Acre-Feet
TRANSFER FROM	(SELLER / TRAN	ISFEROR):	TRANSFER TO (BUYER	TRANSFE	REE):
City of Pomona			Cucamonga Valley Water	District	
Name of Party			Name of Party		ı
505 S Garey Avenu	Θ		10440 Ashford Street	(
Street Address			Street Address		
Pomona	CA	91766	Rancho Cucamonga	CA	91730-2799
City	State	Zip Code	City	State	Zip Code `
(909) 620-2253			(909) 987-2591		
Telephone			Telephone		
(909) 620-6702			(909) 476-8032		
Facsimile			Facsimile		
Have any other tr petween these partic	es covering the sar	proved by Wa me fiscal year?	termaster Yes ದ ∖ No	顧	·
petween these partie PURPOSE OF TRAI □ Pump whe 園 Pump to m	es covering the sar NSFER: n other sources of eet current or futur ecessary to stabili	me fiscal year? supply are curtare demand over	Yes □ No ailed and above production right	麗 .	
PURPOSE OF TRAI Pump whe Pump to m Pump as n Other, expl VATER IS TO BE TO Storage	NSFER: n other sources of eet current or futurecessary to stabilities ain RANSFERRED Fiduction Right (Application Right / Opdition Right / O	me fiscal year? supply are curtare demand over ze future assess ROM:	Yes □ No ailed and above production right	Agricultural	Pool)

July 2009

Consolidated Forms 3, 4 & 5 cont.

If yes, what are the proposed mitigation measures, if any, that might reasonably be imposed to ensure that the	IS THE 85/15 RULE EXPECTED TO APPLY? (If yes, all answers below must be "yes.")	Yes	П	No	Fi
Is the water being placed into the Buyer's Annual Account? IF WATER IS TO BE TRANSFERRED FROM STORAGE: Varies Projected Rate of Recapture Projected Duration of Recapture METHOD OF RECAPTURE (e.g. pumping, exchange, etc.): Pumping PLACE OF USE OF WATER TO BE RECAPTURED: Cucamonga Valley Water District Service Area within MZ2 LOCATION OF RECAPTURE FACILITIES (IF DIFFERENT FROM REGULAR PRODUCTION FACILITIES): N/A WATER QUALITY AND WATER LEVELS Are the Parties aware of any water quality issues that exist in the area? Yes \(\text{NO} \) \(\text{RE} \) If yes, please explain: What are the existing water levels in the areas that are likely to be affected? Static water levels varies from 441' – 595' MATERIAL PHYSICAL INJURY Are any of the recapture wells located within Management Zone 1? Yes \(\text{NO} \) \(\text{RE} \) Is the Applicant aware of any potential Material Physical Injury to a party to the Judgment or the Basin that may be caused by the action covered by the application? Yes \(\text{I} \) No \(\text{RE} \)	Is the Buyer an 85/15 Party?			No	n
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- July 2009

SAID TRANSFER SHALL BE CONDITIONED UPON:

DATE OF BOARD APPROVAL:

(1) Transferee shall exercise said right on behalf of Transferor under the terms of the Judgment, the Peace Agreement, the Peace II Agreement, and the Management Zone 1 Subsidence Management Plan for the period described above. The first water produced in any year shall be that produced pursuant to carry-over rights defined in the Judgment. After production of its carry-over rights, if any, the next (or first if no carry-over rights) water produced by Transferee from the Chino Basin shall be that produced hereunder.

	rights defined in the Judgment. After production of its carry-over rights, if any, the next (or first if no carry-over rights) water produced by Transferee from the Chino Basin shall be that produced hereunder.
	Transferee shall put all waters utilized pursuant to said Transfer to reasonable beneficial use.
	Transferee shall pay all Watermaster assessments on account of the water production hereby Transferred.
(4)	Any Transferee not already a party must Intervene and become a party to the Judgment.
ADD	NITIONAL INFORMATION ATTACHED Yes TO NO IF
<u>k</u>	Danow Poulsen hallow
Selle	er / Transferor Representative Signature Buyer / Transferee Representative Signature
	on Poulsen, Water & Wastewater OPS Director Martin E. Zvírbulis, General Manager/CEO
Selle	r / Transferor Representative Name (Printed) Buyer / Transferee Representative Name (Printed)
TO E	BE COMPLETED BY WATERMASTER STAFF:
I	DATE OF WATERMASTER NOTICE:
I	DATE OF APPROVAL FROM APPROPRIATIVE POOL:
[DATE OF APPROVAL FROM NON-AGRICULTURAL POOL:
Ι	DATE OF APPROVAL FROM AGRICULTURAL POOL:
F	HEARING DATE, IF ANY:
E	DATE OF ADVISORY COMMITTEE APPROVAL:

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NOTICE

OF

APPLICATION(S)

RECEIVED FOR

WATER TRANSACTIONS – ACTIVITIES

Date of Notice:

May 4, 2017

This notice is to advise interested persons that the attached application(s) will come before the Watermaster Board on or after 30 days from the date of this notice.

NOTICE OF APPLICATION(S) RECEIVED

Date of Application: May 3, 2017 Date of this notice: May 4, 2017

Please take notice that the following Application has been received by Watermaster:

• 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.

This *Application* will first be considered by each of the respective pool committees on the following dates:

Appropriative Pool: May 11, 2017

Non-Agricultural Pool: May 11, 2017

Agricultural Pool: May 11, 2017

This Application will be scheduled for consideration by the Advisory Committee no earlier than thirty days from the date of this notice and a minimum of twenty-one calendar days after the last pool committee reviews it.

After consideration by the Advisory Committee, the *Application* will be considered by the Board.

Unless the Application is amended, parties to the Judgment may file Contests to the Application with Watermaster within seven calendar days of when the last pool committee considers it. Any Contest must be in writing and state the basis of the Contest.

Watermaster address:

Chino Basin Watermaster Tel: (909) 484-3888 9641 San Bernardino Road Fax: (909) 484-3890

Rancho Cucamonga, CA 91730

NOTICE OF TRANSFER OF WATER

Notification Dated: May 4, 2017

A party to the Judgment has submitted a proposed transfer of water for Watermaster approval. Unless contrary evidence is presented to Watermaster that overcomes the rebuttable presumption provided in Section 5.3(b)(iii) of the Peace Agreement, Watermaster must find that there is "no material physical injury" and approve the transfer. Watermaster staff is not aware of any evidence to suggest that this transfer would cause material physical injury and hereby provides this notice to advise interested persons that this transfer will come before the Watermaster Board on or after 30 days from the date of this notice. The attached staff report will be included in the meeting package at the time the transfer begins the Watermaster process (comes before Watermaster).

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9641 San Bernardino Road, Rancho Cucamonga, Ca 91730 Tel: (909) 484.3888 Fax: (909) 484-3890 www.cbwm.org

PETER KAVOUNAS, P.E. General Manager

DATE:

May 4, 2017

TO:

Watermaster Interested Parties

SUBJECT:

Summary and Analysis of Application for Water Transaction

Summary -

There does not appear to be a potential material physical injury to a party or to the basin from the proposed transaction as presented.

Issue -

 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.

Recommendation -

- 1. Continue monitoring as planned in the Optimum Basin Management Program.
- 2. Use all new or revised information when analyzing the hydrologic balance and report to Watermaster if a potential for material physical injury is discovered, and
- **3.** Approve the transaction as presented.

Fiscal Impact –

[X]	None
]	May reduce assessments under the 85/15 rule
Ī.	1	Reduce desalter replenishment costs

Background

The Court approved the Peace Agreement, the Implementation Plan and the goals and objectives identified in the OBMP Phase I Report on July 13, 2000, and ordered Watermaster to proceed in a manner consistent with the Peace Agreement. Under the Peace Agreement, Watermaster approval is required for applications to store, recapture, recharge or transfer water, as well as for applications for credits or reimbursements and storage and recovery programs.

Where there is no material physical injury, Watermaster must approve the transaction. Where the request for Watermaster approval is submitted by a party to the Judgment, there is a rebuttable presumption that most of the transactions do not result in Material Physical Injury to a party to the Judgment or the Basin (Storage and Recovery Programs do not have this presumption).

The following application for water transaction is attached with the notice of application.

 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.

Notice of the water transaction identified above was mailed on May 4, 2017 along with the materials submitted by the requestors.

DISCUSSION

Water transactions occur each year and are included as production by the respective entity (if produced) in any relevant analyses conducted by Wildermuth Environmental pursuant to the Peace Agreement and the Rules & Regulations. There is no indication additional analysis regarding this transaction is necessary at this time. As part of the OBMP Implementation Plan, continued measurement of water levels and the installation of extensometers are planned. Based on no real change in the available data, we cannot conclude that the proposed water transaction will cause material physical injury to a party or to the Basin.

CONSOLIDATED WATER TRANSFER FORMS:

FORM 3: APPLICATION FOR SALE OR TRANSFER OF RIGHT TO PRODUCE WATER FROM STORAGE FORM 4: APPLICATION OR AMENDMENT TO APPLICATION TO RECAPTURE WATER IN STORAGE FORM 5: APPLICATION TO TRANSFER ANNUAL PRODUCTION RIGHT OR SAFE YIELD

FISCAL YEAR 2016 - 2017

DATE RE	QUESTED: May 3	3, 2017		AMOUNT REQUESTED:	500	Acre-Feet
TRANSFE	ER FROM (SELLEF	R / TRAN	SFEROR);	TRANSFER TO (BUYER	/TRANSFE	REE):
West Valle	ey Water District	Maria da Casa		Cucamonga Valley Water	District	atterna.
Name of F	Party			Name of Party		
855 W Ba	seline Road			10440 Ashford Street		
Street Add	dress			Street Address		
Railto		CA	92376	Rancho Cucamonga	CA	91730
City		State	Zip Code	City	State	Zip Code
(909) 875	-1804			(909) 937-2591		
Telephone				Telephone	Construction of the Constr	
(909) 875	-728A			(909) 476-8032		
Facsimile				Facsimile		
M.	E OF TRANSFER: Pump when other s Pump to meet curre Pump as necessary Other, explain	ent or futu	re demand over	and above production right		
Γ.				or Operating Safe Yield (Non-	-Agricultural	Pool)
	Storage Appual Production I	Rìaht / Or	narating Safa Vis	eld first, then any additional fro	m Storage	
	Other, explain <u>E</u>					=
WATER IS	S TO BE TRANSFE	ERRED T	O:			
1×	Annual Production	Right / Op	perating Safe Yie	eld (common)		
	Storage (rare)					
Γ	Other, explain					

Consolidated Forms 3, 4 & 5 cont.

Is the Buyer an 85/15 Party? Is the purpose of the transfer to meet a current demand over and above production right? Yes F No F Is the purpose of the transfer to meet a current demand over and above production right? Yes F No F Is the water being placed into the Buyer's Annual Account? IF WATER IS TO BE TRANSFERRED FROM STORAGE: Varies Projected Duretion of Recapture METHOD OF RECAPTURE (e.g. pumping, exchange, etc.): Pumping PLACE OF USE OF WATER TO BE RECAPTURED: Cucamonga Valley Water District Service Area within MZ2 LOCATION OF RECAPTURE FACILITIES (IF DIFFERENT FROM REGULAR PRODUCTION FACILITIES): N/A WATER QUALITY AND WATER LEVELS Are the Parties aware of any water quality issues that exist in the area? Yes F No F If yes, please explain: What are the existing water levels in the areas that are likely to be affected? Static water levels varies from 441"—595' MATERIAL PHYSICAL INJURY Are any of the recapture wells located within Management Zone 1? Yes F No F Is the Applicant aware of any potential Material Physical Injury to a party to the Judgment or the Basin that may be caused by the action covered by the application? Yes F No F: If yes, what are the proposed mitigation measures, if any, that might reasonably be imposed to ensure that the	IS THE 85/15 RULE EXPECTED TO APPLY? (If yes, all answers below must be "yes.")	Yes	l	No F
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SAID TRANSFER SHALL BE CONDITIONED UPON:

- (1) Transferee shall exercise said right on behalf of Transferor under the terms of the Judgment, the Peace Agreement, the Peace II Agreement, and the Management Zone 1 Subsidence Management Plan for the period described above. The first water produced in any year shall be that produced pursuant to carry-over rights defined in the Judgment. After production of its carry-over rights, if any, the next (or first if no carry-over rights) water produced by Transferee from the Chino Basin shall be that produced hereunder.
- (2) Transferee shall put all waters utilized pursuant to said Transfer to reasonable beneficial use.
- (3) Transferee shall pay all Watermaster assessments on account of the water production hereby Transferred.
- (4) Any Transferee not already a party must intervene and become a party to the Judgment.

ADDITIONAL INFORMATION ATTACHED	Yes □ No F
Seller / Transferor Representative Signature	Buyer / Transferee Representative Signature
Selle() Transferor Representative Signature	buyer / Hansieree Representative Olgitation
Matthew Litchfield, General Manager	Martin E. Zvirbulis, General Manager/CEO
Seller / Transferor Representative Name (Printed)	Buyer / Transferee Representative Name (Printed)
·	
TO BE COMPLETED BY WATERMASTER STAFF:	
DATE OF WATERMASTER NOTICE:	
DATE OF APPROVAL FROM APPROPRIATIVE PO	OOL:
DATE OF APPROVAL FROM NON-AGRICULTURA	AL POOL:
DATE OF APPROVAL FROM AGRICULTURAL PO	OCL:
HEARING DATE, IF ANY:	
DATE OF ADVISORY COMMITTEE APPROVAL:	DAGMAN AND AND AND AND AND AND AND AND AND A
DATE OF BOARD APPROVAL:	

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NOTICE

OF

APPLICATION(S)

RECEIVED FOR

WATER TRANSACTIONS – ACTIVITIES

Date of Notice:

May 4, 2017

This notice is to advise interested persons that the attached application(s) will come before the Watermaster Board on or after 30 days from the date of this notice.

NOTICE OF APPLICATION(S) RECEIVED

Date of Application: May 3, 2017 Date of this notice: May 4, 2017

Please take notice that the following Application has been received by Watermaster:

• Notice of Sale or Transfer – The purchase of 3,000.000 acre-feet of water from Cucamonga Valley Water District by Fontana Water Company. This purchase is made from Cucamonga Valley Water District's Annual Production Right/Operating Safe Yield first, then any additional from storage.

This *Application* will first be considered by each of the respective pool committees on the following dates:

Appropriative Pool: May 11, 2017

Non-Agricultural Pool: May 11, 2017

Agricultural Pool: May 11, 2017

This Application will be scheduled for consideration by the Advisory Committee no earlier than thirty days from the date of this notice and a minimum of twenty-one calendar days after the last pool committee reviews it.

After consideration by the Advisory Committee, the *Application* will be considered by the Board.

Unless the *Application is* amended, parties to the Judgment may file *Contests* to the *Application* with Watermaster *within seven calendar days* of when the last pool committee considers it. Any *Contest* must be in writing and state the basis of the *Contest*.

Watermaster address:

Chino Basin Watermaster Tel: (909) 484-3888 9641 San Bernardino Road Fax: (909) 484-3890

Rancho Cucamonga, CA 91730

NOTICE OF TRANSFER OF WATER

Notification Dated: May 4, 2017

A party to the Judgment has submitted a proposed transfer of water for Watermaster approval. Unless contrary evidence is presented to Watermaster that overcomes the rebuttable presumption provided in Section 5.3(b)(iii) of the Peace Agreement, Watermaster must find that there is "no material physical injury" and approve the transfer. Watermaster staff is not aware of any evidence to suggest that this transfer would cause material physical injury and hereby provides this notice to advise interested persons that this transfer will come before the Watermaster Board on or after 30 days from the date of this notice. The attached staff report will be included in the meeting package at the time the transfer begins the Watermaster process (comes before Watermaster).

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9641 San Bemardino Road, Rancho Cucamonga, Ca 91730 Tel: (909) 484.3888 Fax: (909) 484-3890 www.cbwm.org

PETER KAVOUNAS, P.E. General Manager

DATE:

May 4, 2017

TO:

Watermaster Interested Parties

SUBJECT:

Summary and Analysis of Application for Water Transaction

Summary -

There does not appear to be a potential material physical injury to a party or to the basin from the proposed transaction as presented.

Issue -

 Notice of Sale or Transfer – The purchase of 3,000.000 acre-feet of water from Cucamonga Valley Water District by Fontana Water Company. This purchase is made from Cucamonga Valley Water District's Annual Production Right/Operating Safe Yield first, then any additional from storage.

Recommendation -

- 1. Continue monitoring as planned in the Optimum Basin Management Program.
- 2. Use all new or revised information when analyzing the hydrologic balance and report to Watermaster if a potential for material physical injury is discovered, and
- 3. Approve the transaction as presented.

Fiscal Impact -

- [] None
- [X] May reduce assessments under the 85/15 rule
- [] Reduce desalter replenishment costs

Background

The Court approved the Peace Agreement, the Implementation Plan and the goals and objectives identified in the OBMP Phase I Report on July 13, 2000, and ordered Watermaster to proceed in a manner consistent with the Peace Agreement. Under the Peace Agreement, Watermaster approval is required for applications to store, recapture, recharge or transfer water, as well as for applications for credits or reimbursements and storage and recovery programs.

Where there is no material physical injury, Watermaster must approve the transaction. Where the request for Watermaster approval is submitted by a party to the Judgment, there is a rebuttable presumption that most of the transactions do not result in Material Physical Injury to a party to the Judgment or the Basin (Storage and Recovery Programs do not have this presumption).

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Notice of the water transaction identified above was mailed on May 4, 2017 along with the materials submitted by the requestors.

DISCUSSION

Water transactions occur each year and are included as production by the respective entity (if produced) in any relevant analyses conducted by Wildermuth Environmental pursuant to the Peace Agreement and the Rules & Regulations. There is no indication additional analysis regarding this transaction is necessary at this time. As part of the OBMP Implementation Plan, continued measurement of water levels and the installation of extensometers are planned. Based on no real change in the available data, we cannot conclude that the proposed water transaction will cause material physical injury to a party or to the Basin.

CONSOLIDATED WATER TRANSFER FORMS:

FORM 3: APPLICATION FOR SALE OR TRANSFER OF RIGHT TO PRODUCE WATER FROM STORAGE FORM 4: APPLICATION OR AMENDMENT TO APPLICATION TO RECAPTURE WATER IN STORAGE FORM 5: APPLICATION TO TRANSFER ANNUAL PRODUCTION RIGHT OR SAFE YIELD

FISCAL YEAR 20__ - 20__

DATE REQUESTED: May 3, 2017	AMOUNT REQUESTED: 3,00	00 Acre-Feet
TRANSFER FROM (SELLER / TRANSFEROR):	TRANSFER TO (BUYER / TR	ANSFEREE):
Cucamonga Valley Water District Name of Party	Name of Party	
•		
10440 Ashford Street Street Address	15966 Arrow Route Street Address	
Rancho Cucamonga CA 91730	Fontana	CA 92335
City State Zip Code	City	State Zip Code
(909) 937-2591	(909) 822-2201	
Telephone	Telephone	
(909) 476-8032	(909) 823-5046	
Facsimile	Facsimile	
Have any other transfers been approved by Wate between these parties covering the same fiscal year? PURPOSE OF TRANSFER: Pump when other sources of supply are curtailed. Pump to meet current or future demand over an explain. Other, explain.	Yes ເ≝ No Γ ed nd above production right	
WATER IS TO BE TRANSFERRED FROM: ☐ Annual Production Right (Appropriative Pool) o ☐ Storage ☐ Annual Production Right / Operating Safe Yield ☐ Other, explain		·
WATER IS TO BE TRANSFERRED TO: ☑ Annual Production Right / Operating Safe Yield ☐ Storage (rare) ☐ Other, explain	(common)	

Consolidated Forms 3, 4 & 5 cont.

15 THE 85/15 RULE EXPECTED TO APPLY? (IT yes, all at	iswers below must be "yes.")	res 🖽	MO 1.3
Is the Buyer an 85/15 Party?		Yes 🗉	No □
Is the purpose of the transfer to meet a current demand over	and above production right?	Yes 🗷	№ П
Is the water being placed into the Buyer's Annual Account?		Yes 🖽	No T.
IF WATER IS TO BE TRANSFERRED FROM STORAGE:			
Varies			
	ejected Duration of Recapture	,	
METHOD OF RECAPTURE (e.g. pumping, exchange, etc.)	:		
Diament in a			
Pumping			***************************************
PLACE OF USE OF WATER TO BE RECAPTURED:			
Fontana Water Company Service area in Chino Basin Manag	ement Zone 3		
LOCATION OF DECARTIBE FACILITIES (IF DIFFERENT)	TOM DECLI AD DDODUCTION	I EACH ITIE	:01.
LOCATION OF RECAPTURE FACILITIES (IF DIFFERENT F	ROW REGULAR PRODUCTION	FAUILITIE	.).
<u>N/A</u>			
WATER QUALITY AND WATER LEVELS			
Are the Parties aware of any water quality issues that exist in	the area? Yes ⊮ No	٢	
If yes, please explain:			
Current perchlorate levels range from ND to 8.7 ppb (before t	reatment) and nitrate levels range	e from 2,1 to	9.1 ppm
What are the existing water levels in the areas that are likely			
·			
Static water levels ranging from 314 feet bgs to 699 feet bgs	as of December 2016		
MATERIAL PHYSICAL INJURY			
Are any of the recapture wells located within Management Zo	one 1? Yes C No C		
Is the Applicant aware of any potential Material Physical Injur	y to a party to the Judgment or th	na Racin tha	t may ha
caused by the action covered by the application? Yes	y to a party to the oddgment of the	ic Dasiii tiia	it may be
If yes, what are the proposed mitigation measures, if any, that		ensure tha	at the
action does not result in Material Physical Injury to a party to	the Judgment or the Basin?		

SAID TRANSFER SHALL BE CONDITIONED UPON:

DATE OF BOARD APPROVAL:

- (1) Transferee shall exercise said right on behalf of Transferor under the terms of the Judgment, the Peace Agreement, the Peace II Agreement, and the Management Zone 1 Subsidence Management Plan for the period described above. The first water produced in any year shall be that produced pursuant to carry-over rights defined in the Judgment. After production of its carry-over rights, if any, the next (or first if no carry-over rights) water produced by Transferee from the Chino Basin shall be that produced hereunder.
- (2) Transferee shall put all waters utilized pursuant to said Transfer to reasonable beneficial use.
- (3) Transferee shall pay all Watermaster assessments on account of the water production hereby Transferred.
- (4) Any Transferee not already a party must Intervene and become a party to the Judgment.

ADDITIONAL INFORMATION ATTACHED	Yes 「 No 「
MarleZQ	Coldwift
Seller / Transferor Representative Signature	Buyer / Transferee Représentative Signature
Martin E. Zvirbulis, General Manager/CEO Seller / Transferor Representative Name (Printed)	Josh Swift, General Manager Buyer / Transferee Representative Name (Printed)
delici / Hansicioi Nepresentative Manie (Finned)	buyet / Hanstelee Nepresettative Name (Filiteu)
TO BE COMPLETED BY WATERMASTER STAFF:	
DATE OF WATERMASTER NOTICE:	
DATE OF APPROVAL FROM APPROPRIATIVE F	POOL:
DATE OF APPROVAL FROM NON-AGRICULTUR	RAL POOL:
DATE OF APPROVAL FROM AGRICULTURAL P	OOL:
HEARING DATE, IF ANY:	
DATE OF ADVISORY COMMITTEE APPROVAL:	

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NOTICE

OF

APPLICATION(S)

RECEIVED FOR

WATER TRANSACTIONS – ACTIVITIES

Date of Notice:

May 4, 2017

This notice is to advise interested persons that the attached application(s) will come before the Watermaster Board on or after 30 days from the date of this notice.

NOTICE OF APPLICATION(S) RECEIVED

Date of Application: May 3, 2017 Date of this notice: May 4, 2017

Please take notice that the following Application has been received by Watermaster:

• Notice of Sale or Transfer – The purchase of 4,000.000 acre-feet of water from Cucamonga Valley Water District by Fontana Water Company. This purchase is made from Cucamonga Valley Water District's storage account.

This *Application* will first be considered by each of the respective pool committees on the following dates:

Appropriative Pool: May 11, 2017

Non-Agricultural Pool: May 11, 2017

Agricultural Pool: May 11, 2017

This Application will be scheduled for consideration by the Advisory Committee no earlier than thirty days from the date of this notice and a minimum of twenty-one calendar days after the last pool committee reviews it.

After consideration by the Advisory Committee, the *Application* will be considered by the Board.

Unless the *Application is* amended, parties to the Judgment may file *Contests* to the *Application* with Watermaster *within seven calendar days* of when the last pool committee considers it. Any *Contest* must be in writing and state the basis of the *Contest*.

Watermaster address:

Chino Basin Watermaster Tel: (909) 484-3888 9641 San Bernardino Road Fax: (909) 484-3890

Rancho Cucamonga, CA 91730

NOTICE OF TRANSFER OF WATER

Notification Dated: May 4, 2017

A party to the Judgment has submitted a proposed transfer of water for Watermaster approval. Unless contrary evidence is presented to Watermaster that overcomes the rebuttable presumption provided in Section 5.3(b)(iii) of the Peace Agreement, Watermaster must find that there is "no material physical injury" and approve the transfer. Watermaster staff is not aware of any evidence to suggest that this transfer would cause material physical injury and hereby provides this notice to advise interested persons that this transfer will come before the Watermaster Board on or after 30 days from the date of this notice. The attached staff report will be included in the meeting package at the time the transfer begins the Watermaster process (comes before Watermaster).

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9641 San Bemardino Road, Rancho Cucamonga, Ca 91730 Tel: (909) 484.3888 Fax: (909) 484-3890 www.cbwm.org

PETER KAVOUNAS, P.E.

General Manager

DATE:

May 4, 2017

TO:

Watermaster Interested Parties

SUBJECT:

Summary and Analysis of Application for Water Transaction

Summary -

There does not appear to be a potential material physical injury to a party or to the basin from the proposed transaction as presented.

Issue -

 Notice of Sale or Transfer – The purchase of 4,000.000 acre-feet of water from Cucamonga Valley Water District by Fontana Water Company. This purchase is made from Cucamonga Valley Water District's Annual Production Right/Operating Safe Yield first, then any additional from storage.

Recommendation -

- 1. Continue monitoring as planned in the Optimum Basin Management Program.
- 2. Use all new or revised information when analyzing the hydrologic balance and report to Watermaster if a potential for material physical injury is discovered, and
- **3.** Approve the transaction as presented.

Fiscal Impact -

7	None	
- 1	NIONO	ı

- [X] May reduce assessments under the 85/15 rule
- [] Reduce desalter replenishment costs

Background

The Court approved the Peace Agreement, the Implementation Plan and the goals and objectives identified in the OBMP Phase I Report on July 13, 2000, and ordered Watermaster to proceed in a manner consistent with the Peace Agreement. Under the Peace Agreement, Watermaster approval is required for applications to store, recapture, recharge or transfer water, as well as for applications for credits or reimbursements and storage and recovery programs.

Where there is no material physical injury, Watermaster must approve the transaction. Where the request for Watermaster approval is submitted by a party to the Judgment, there is a rebuttable presumption that most of the transactions do not result in Material Physical Injury to a party to the Judgment or the Basin (Storage and Recovery Programs do not have this presumption).

The following application for water transaction is attached with the notice of application.

 Notice of Sale or Transfer – The purchase of 4,000.000 acre-feet of water from Cucamonga Valley Water District by Fontana Water Company. This purchase is made from Cucamonga Valley Water District's Annual Production Right/Operating Safe Yield first, then any additional from storage.

Notice of the water transaction identified above was mailed on May 4, 2017 along with the materials submitted by the requestors.

DISCUSSION

Water transactions occur each year and are included as production by the respective entity (if produced) in any relevant analyses conducted by Wildermuth Environmental pursuant to the Peace Agreement and the Rules & Regulations. There is no indication additional analysis regarding this transaction is necessary at this time. As part of the OBMP Implementation Plan, continued measurement of water levels and the installation of extensometers are planned. Based on no real change in the available data, we cannot conclude that the proposed water transaction will cause material physical injury to a party or to the Basin.

CONSOLIDATED WATER TRANSFER FORMS:

FORM 3: APPLICATION FOR SALE OR TRANSFER OF RIGHT TO PRODUCE WATER FROM STORAGE FORM 4: APPLICATION OR AMENDMENT TO APPLICATION TO RECAPTURE WATER IN STORAGE FORM 5: APPLICATION TO TRANSFER ANNUAL PRODUCTION RIGHT OR SAFE YIELD

FISCAL YEAR 20__ - 20__

DATE REQUESTED: May 3, 2017	AMOUNT REQUESTED: 4.	000	Acre-Feet
TRANSFER FROM (SELLER / TRANSFEROR):	TRANSFER TO (BUYER / TI	RANSFEI	REE):
Cucamonga Valley Water District	Fontana Water Company		
Name of Party	Name of Party		
10440 Ashford Street	15966 Arrow Route		
Street Address	Street Address		
Rancho Cucamonga CA 91730	Fontana	CA	92335
City State Zip Code	City	State	Zip Code
(909) 937-2591	(909) 822-2201		
Telephone	Telephone		
(909) 476-8032	(909) 823-5046		
Facsimile	Facsimile		
Have any other transfers been approved by W between these parties covering the same fiscal year? PURPOSE OF TRANSFER: Pump when other sources of supply are cu Pump to meet current or future demand over the pump as necessary to stabilize future asset of the pump as necessary to stabilize future as necessary to stabiliz	PYes ⊯ No Γ rtailed er and above production right	-	
WATER IS TO BE TRANSFERRED FROM:			
Annual Production Right (Appropriative Pool Storage Annual Production Right / Operating Safe Y Other, explain			Pool)
WATER IS TO BE TRANSFERRED TO: ☑ Annual Production Right / Operating Safe \(\text{Continuous} \) ☑ Storage (rare) ☑ Other, explain	/ield (common)		

Consolidated Forms 3, 4 & 5 cont.

IS THE 85/15 RULE EXPECTED TO APPLY? (If yes, all answers below must be "yes.")	Yes 🗵	Ŋo □
Is the Buyer an 85/15 Party?	Yes 🗷	No 🗆
Is the purpose of the transfer to meet a current demand over and above production right?	Yes 🕱	No □
Is the water being placed into the Buyer's Annual Account?	Yes 🖪	No □
IF WATER IS TO BE TRANSFERRED FROM STORAGE:		
Varies		
Projected Rate of Recapture Projected Duration of Recapture		
METHOD OF RECAPTURE (e.g. pumping, exchange, etc.):		
Phone does		
Pumping		
PLACE OF USE OF WATER TO BE RECAPTURED:		
Fontana Water Company Service area in Chino Basin Management Zone 3		
LOCATION OF RECAPTURE FACILITIES (IF DIFFERENT FROM REGULAR PRODUCTION	J CAOII ITIC	·e).
LOCATION OF RECAPTURE PACILITIES (IF DIFFERENT FROM REGULAR PRODUCTION	4 PACILITIE	:5):
N/A_		
WATER QUALITY AND WATER LEVELS		
Are the Parties aware of any water quality issues that exist in the area? Yes 🗷 No	Π	
If yes, please explain:		
Current perchlorate levels range from ND to 8.7 ppb (before treatment) and nitrate levels range	e from 2.1 to	o 9.1 ppm
What are the existing water levels in the areas that are likely to be affected?		
Static water levels ranging from 314 feet bgs to 699 feet bgs as of December 2016		
MATERIAL DUVOLOAD IN NEW		
MATERIAL PHYSICAL INJURY		
Are any of the recapture wells located within Management Zone 1? Yes F No F		
Is the Applicant aware of any potential Material Physical Injury to a party to the Judgment or the caused by the action covered by the application? Yes \(\Gamma\) No \(\overline{\pi}\).	ne Basin tha	it may be
cadaca by the action covered by the application? Tes 1 No 14:		
If yes, what are the proposed mitigation measures, if any, that might reasonably be imposed to	o ensure tha	at the
action does not result in Material Physical Injury to a party to the Judgment or the Basin?	,,-	
		

SAID TRANSFER SHALL BE CONDITIONED UPON:

DATE OF BOARD APPROVAL: _____

- (1) Transferee shall exercise said right on behalf of Transferor under the terms of the Judgment, the Peace Agreement, the Peace II Agreement, and the Management Zone 1 Subsidence Management Plan for the period described above. The first water produced in any year shall be that produced pursuant to carry-over rights defined in the Judgment. After production of its carry-over rights, if any, the next (or first if no carry-over rights) water produced by Transferee from the Chino Basin shall be that produced hereunder.
- (2) Transferee shall put all waters utilized pursuant to said Transfer to reasonable beneficial use.
- (3) Transferee shall pay all Watermaster assessments on account of the water production hereby Transferred.

(4) Any Transferee not already a party must Intervene and become a party to the Judgment.	
ADDITIONAL INFORMATION ATTACHED	Yes F No F
Seller / Transferor Representative Signature Martin E. Zvirbulis, General Manager/CEO Seller / Transferor Representative Name (Printed)	Josh Swift, General Manager Buyer / Transferee Representative Signature Josh Swift, General Manager Buyer / Transferee Representative Name (Printed)
TO BE COMPLETED BY WATERMASTER STAFF:	
DATE OF WATERMASTER NOTICE:	
DATE OF APPROVAL FROM APPROPRIATIVE POOL:	
DATE OF APPROVAL FROM NON-AGRICULTURAL POOL;	
DATE OF APPROVAL FROM AGRICULTURAL POOL:	
HEARING DATE, IF ANY:	
DATE OF ADVISORY COMMITTEE APPROVAL:	

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NOTICE

OF

APPLICATION(S)

RECEIVED FOR

WATER TRANSACTIONS – ACTIVITIES

Date of Notice:

May 4, 2017

This notice is to advise interested persons that the attached application(s) will come before the Watermaster Board on or after 30 days from the date of this notice.

NOTICE OF APPLICATION(S) RECEIVED

Date of Application: May 2, 2017 Date of this notice: May 4, 2017

Please take notice that the following Application has been received by Watermaster:

 Notice of Sale or Transfer – The purchase of 399.260 acre-feet of water from the City of Chino by the City of Ontario. This purchase is made from the City of Chino's Excess Carryover Account.

This *Application* will first be considered by each of the respective pool committees on the following dates:

Appropriative Pool: May 11, 2017

Non-Agricultural Pool: May 11, 2017

Agricultural Pool: May 11, 2017

This Application will be scheduled for consideration by the Advisory Committee no earlier than thirty days from the date of this notice and a minimum of twenty-one calendar days after the last pool committee reviews it.

After consideration by the Advisory Committee, the *Application* will be considered by the Board.

Unless the *Application is* amended, parties to the Judgment may file *Contests* to the *Application* with Watermaster *within seven calendar days* of when the last pool committee considers it. Any *Contest* must be in writing and state the basis of the *Contest*.

Watermaster address:

Chino Basin Watermaster Tel: (909) 484-3888 9641 San Bernardino Road Fax: (909) 484-3890 Rancho Cucamonga, CA 91730

NOTICE OF TRANSFER OF WATER

Notification Dated: May 4, 2017

A party to the Judgment has submitted a proposed transfer of water for Watermaster approval. Unless contrary evidence is presented to Watermaster that overcomes the rebuttable presumption provided in Section 5.3(b)(iii) of the Peace Agreement, Watermaster must find that there is "no material physical injury" and approve the transfer. Watermaster staff is not aware of any evidence to suggest that this transfer would cause material physical injury and hereby provides this notice to advise interested persons that this transfer will come before the Watermaster Board on or after 30 days from the date of this notice. The attached staff report will be included in the meeting package at the time the transfer begins the Watermaster process (comes before Watermaster).

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CHINO BASIN WATERMASTER

9641 San Bemardino Road, Rancho Cucamonga, Ca 91730 Tel: (909) 484.3888 Fax: (909) 484-3890 www.cbwm.org

PETER KAVOUNAS, P.E. General Manager

DATE: May 4, 2017

TO: Watermaster Interested Parties

SUBJECT: Summary and Analysis of Application for Water Transaction

Summary -

There does not appear to be a potential material physical injury to a party or to the basin from the proposed transaction as presented.

Issue -

 Notice of Sale or Transfer – The purchase of 399.260 acre-feet of water from the City of Chino by the City of Ontario. This purchase is made from the City of Chino's Excess Carryover Account.

Recommendation -

- 1. Continue monitoring as planned in the Optimum Basin Management Program.
- 2. Use all new or revised information when analyzing the hydrologic balance and report to Watermaster if a potential for material physical injury is discovered, and
- 3. Approve the transaction as presented.

Fiscal Impact -

[X	[]	None
		May reduce assessments under the 85/15 rule
[1	Reduce desalter replenishment costs

Background

The Court approved the Peace Agreement, the Implementation Plan and the goals and objectives identified in the OBMP Phase I Report on July 13, 2000, and ordered Watermaster to proceed in a manner consistent with the Peace Agreement. Under the Peace Agreement, Watermaster approval is required for applications to store, recapture, recharge or transfer water, as well as for applications for credits or reimbursements and storage and recovery programs.

Where there is no material physical injury, Watermaster must approve the transaction. Where the request for Watermaster approval is submitted by a party to the Judgment, there is a rebuttable presumption that most of the transactions do not result in Material Physical Injury to a party to the Judgment or the Basin (Storage and Recovery Programs do not have this presumption).

The following application for water transaction is attached with the notice of application.

• Notice of Sale or Transfer – The purchase of 399.260 acre-feet of water from the City of Chino by the City of Ontario. This purchase is made from the City of Chino's Excess Carryover Account.

Notice of the water transaction identified above was mailed on May 4, 2017 along with the materials submitted by the requestors.

DISCUSSION

Water transactions occur each year and are included as production by the respective entity (if produced) in any relevant analyses conducted by Wildermuth Environmental pursuant to the Peace Agreement and the Rules & Regulations. There is no indication additional analysis regarding this transaction is necessary at this time. As part of the OBMP Implementation Plan, continued measurement of water levels and the installation of extensometers are planned. Based on no real change in the available data, we cannot conclude that the proposed water transaction will cause material physical injury to a party or to the Basin.

CONSOLIDATED WATER TRANSFER FORMS:

FORM 3: APPLICATION FOR SALE OR TRANSFER OF RIGHT TO PRODUCE WATER FROM STORAGE FORM 4: APPLICATION OR AMENDMENT TO APPLICATION TO RECAPTURE WATER IN STORAGE FORM 5: APPLICATION TO TRANSFER ANNUAL PRODUCTION RIGHT OR SAFE YIELD

FISCAL YEAR 20 16 20 17

DATE	REQUESTED: April 17,	2017	AMOUNT REQUESTED:	399.26	Acre-Feet
TRANS	FER FROM (SELLER / TRANS	SFEROR):	TRANSFER TO (BUYER / T	'RANSFE	REE):
Cit	y of Chino		City of Ontario		
Name o			Name of Party		
132	20 Central Avenue		1425 Bon View Av	zenue	
Street A			Street Address		M Maidelean
Chi	no CA	91710	Ontario	CA	91761
City	State	Zip Code	City	State	Zìp Code
(90	9)334-3404		(909) 395-2605		
Telepho	one		Telephone		
Facsimi	le		Facsimile	eto (sum esternico francesco	
between	ny other transfers been apple these parties covering the san SE OF TRANSFER: Pump when other sources of Pump to meet current or future Pump as necessary to stabilize Other, explain	ne fiscal year? supply are curtaile re demand over an	Yes □ No f d d above production right	N	
WATER IS TO BE TRANSFERRED FROM: ☐ Annual Production Right (Appropriative Pool) or Operating Safe Yield (Non-Agricultural Pool) ☐ Storage ☐ Annual Production Right / Operating Safe Yield first, then any additional from Storage ☐ Other, explain Chino Excess Carryover Storage					
WATER	IS TO BE TRANSFERRED TO Annual Production Right / Op Storage (rare) Other, explain		(common)		

July 2009

Consolidated Forms 3, 4 & 5 cont.

IS THE 85/15 RULE EXPECTED TO APPLY? (If yes, all an	nswers below must be "yes.")	Yes 🗇	No 🖾
Is the Buyer an 85/15 Party?		Yes 🗆	No 🗆
Is the purpose of the transfer to meet a current demand over a	and above production right?	Yes 🗆	No □
Is the water being placed into the Buyer's Annual Account?		Yes 🗆	No 🗆
IF WATER IS TO BE TRANSFERRED FROM STORAGE:			
Varies	April 17, 2017 to J	une 30,	2018
	pjected Duration of Recapture		
METHOD OF RECAPTURE (e.g. pumping, exchange, etc.):	:		
Recapture by Ontario will be accomp	plished by pumping 2	0 wells.	
BLACE OF MOTOR OF WATER TO BE BECARTIBED.			
PLACE OF USE OF WATER TO BE RECAPTURED:			
Management zones 1, 2 & 3	The state of the s		
LOCATION OF RECAPTURE FACILITIES (IF DIFFERENT F	ROM REGULAR PRODUCTION	N FACILITIE	S):
WATER QUALITY AND WATER LEVELS	(I . A . M. 65 M.		
Are the Parties aware of any water quality issues that exist in	the area? Yes 🗆 No		
If yes, please explain:		•	
Nitrate s in pumped groundwater varie	es from less than 5	mg/1 to	50 mg/
What are the existing water levels in the areas that are likely to	to be affected?		
Static water levels vary from 270 fee	et bgs to 530 feet b	gs.	
MATERIAL PHYSICAL INJURY			
Are any of the recapture wells located within Management Zor	ne 1? Yes ፟ No □		
The any of the result is the result of the r			
Is the Applicant aware of any potential Material Physical Injury caused by the action covered by the application? Yes	y to a party to the Judgment or th No	ne Basin that	: may be
If yes, what are the proposed mitigation measures, if any, that		o ensure that	t the
action does not result in Material Physical Injury to a party to t	the Judgment or the Basin?		
Warranton,,			
			A A CONTROL AND

July 2009

SAID TRANSFER SHALL BE CONDITIONED UPON:

DATE OF BOARD APPROVAL:

- (1) Transferee shall exercise said right on behalf of Transferor under the terms of the Judgment, the Peace Agreement, the Peace II Agreement, and the Management Zone 1 Subsidence Management Plan for the period described above. The first water produced in any year shall be that produced pursuant to carry-over rights defined in the Judgment. After production of its carry-over rights, if any, the next (or first if no carry-over rights) water produced by Transferee from the Chino Basin shall be that produced hereunder.
- (2) Transferee shall put all waters utilized pursuant to said Transfer to reasonable beneficial use.
- (3) Transferee shall pay all Watermaster assessments on account of the water production hereby Transferred.
- (4) Any Transferee not already a party must Intervene and become a party to the Judgment.

ADDITIONAL INFORMATION ATTACHED Yes	No 23
Sallar (Touris Bassattina Signatura	Scott Bey
Seller / Transferor Representative Signature David Crosley	Buyer / Transferee Representative Signature Scott Burton
Seller / Transferor Representative Name (Printed)	Buyer / Transferee Representative Name (Printed)
TO BE COMPLETED BY WATERMASTER STAFF:	
DATE OF WATERMASTER NOTICE:	ge-ball-re-re-re-re-
DATE OF APPROVAL FROM APPROPRIATIVE POOL:	
DATE OF APPROVAL FROM NON-AGRICULTURAL PO	DOL:
DATE OF APPROVAL FROM AGRICULTURAL POOL:	Management of the second of th
HEARING DATE, IF ANY:	
DATE OF ADVISORY COMMITTEE APPROVAL:	

July 2009

CITY OF



ONTARIO

ONTARIO MUNICIPAL UTILITIES COMPANY

PAUL S, LEON MAYOR

DEBRA DORST-PORADA MAYOR PRO TEM

> ALAN D, WAPNER JIM W. BOWMAN RUBEN VALENCIA COUNCIL MEMBERS

May 2, 2017

AL C. BOLING CITY MANAGER

SHEILA MAUTZ

JAMES R. MILHISER

SCOTT BURTON
UTILITIES GENERAL MANAGER

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

Subject: Application for Water Transaction

Dear Peter,

The attached executed water transfer forms describe a requested water transfer of 399.26 acrefeet from the City of Chino's Excess Carryover Storage Account to the City of Ontario's Annual Production Right.

The City of Ontario requests that Chino Basin Watermaster process the attached application and bring it to the parties in the next round of meetings.

If you have questions or require additional information, please contact me at (909) 395-2694.

Sincerely,

Katie Gienger, P.E. Associate Engineer

Enclosures

CHINO BASIN WATERMASTER

- I. CONSENT CALENDAR (App and Ag Pool)
 - F. THIRD AMENDMENT TO TASK ORDER NO. 1 (2013 RMPU AMENDMENT YIELD ENHANCEMENT PROJECTS PLANNING, PERMITTING, AND DESIGN)
- I. BUSINESS ITEM ROUTINE (Non-Ag Pool)
 - F. THIRD AMENDMENT TO TASK ORDER NO. 1 (2013 RMPU AMENDMENT YIELD ENHANCEMENT PROJECTS PLANNING, PERMITTING, AND DESIGN)



CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E. General Manager

STAFF REPORT

DATE:

May 11, 2017

TO:

Pool Committee Members

SUBJECT:

Third Amendment to Task Order 1 (2013 RMPU Amendment Yield Enhancement

Projects – Planning, Permitting and Design) – (Consent Calendar Item I.F.)

SUMMARY

<u>Issue</u>: Task Order No. 1 needs to be amended to remove the costs associated with the Post-2014 Stormwater Recharge Program Suite of Projects so that those costs may be captured in individual task orders and subsequently adjusts the reimbursement schedule of the costs to IEUA.

<u>Recommendation:</u> Recommend to Advisory Committee to recommend to the Board to approve the amended Task Order No. 1 to reflect the change in scope and cost.

<u>Financial Impact</u>: There is no impact to this Fiscal Year's budget. There will be a reduction to the *Maximum Costs to Watermaster* in Task Order No. 1 of \$3,939,000 due to the removal of approved projects. The costs associated with the approved projects will be captured in individual task orders. The new *Maximum Costs to Watermaster* will be \$497,000. Future costs are shown in the Budget and Cost Allocation Table in the Task Order.

Future Consideration

Appropriative Pool- May 11, 2017: Recommend to Advisory Committee to recommend to the Watermaster Board to approve Non-Agricultural Pool – May 11, 2017: Recommend to Advisory Committee to recommend to the Watermaster Board to approve Agricultural Pool- May 11, 2017: Recommend to Advisory Committee to recommend to the Watermaster Board to approve Advisory Committee- May 18, 2017: Recommend to Watermaster Board to approve Watermaster Board- May 25, 2017: Approval (Upon Advisory Committee recommendation)

ACTIONS:

Appropriative Pool – May 11, 2017: Non-Agricultural Pool – May 11, 2017: Agricultural Pool – May 11, 2017: Advisory Committee – May 18, 2017: Watermaster Board – May 25, 2017: Third Amendment to Task Order 1 (2013 RMPU Amendment Yield Enhancement Projects) May 11, 2017 Page 2 of 3

BACKGROUND

Section 6 of the 2013 Amendment to the 2010 Recharge Master Plan Update (RMPUA), which was approved on November 12, 2013, listed potential projects that could increase recharge to Chino Basin. To manage costs associated with the projects, Chino Basin Watermaster and Inland Empire Utilities Agency agreed to a Master Cost Sharing Agreement on July 24, 2014. Under the Master Cost Sharing Agreement, Task Order No.1 (2013 RMPU Amendment Yield Enhancement Projects - Planning, Permitting and Design) was created to manage the list of potential projects from the RMPU (Attachment 1).

Task Order 1 was amended on April 1, 2015 to reflect the additional soft costs needed to plan and develop the East Declez Project (See Attachment 2). The East Declez site was originally identified by the Jurupa Community Services District (JCSD) as part of an initial due diligence program in consideration of purchasing the property.

On April 14, 2016, the three Pool Committees (Pools) decided not to pursue the East Declez project beyond the feasibility study. The Second Amendment to Task Order 1 (Attachment 3) was approved in June of 2016 to remove any further soft costs associated with the project and to update the list of projects.

On October 13, 2016 the Pools were presented with the Preliminary Design Report (PDR) for the 2013 RMPU Yield Enhancement Projects. The completion of the PDR was considered a milestone event in the RMPUA where the Pools would have to decide which projects would move forward into Final Design. At the November 2016 Pool meetings, Pool members were presented with two options in regards to the RMPUA Projects. The first was an option to adopt an Opt-Out provision allowing a Party to not participate in the Post-2014 Stormwater Recharge Program. The second was to adopt a proposed suite of projects comprising the Post-2014 Stormwater Recharge Program. The Pools decided to not adopt the Opt-Out option and adopted a Suite of projects as shown below:

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

DISCUSSION

Grouping all the RMPU projects under one Task Order was consistent in the way the projects were considered in the RMPUA, especially in regards to the calculating the melded unit cost. However, with certain projects no longer moving forward, some still in negotiation, and some being awarded grant funding, staff recommends separating the approved projects into individual Task Orders while keeping within Task Order No. 1 costs associated with all deferred projects. The 3rd Amendment to Task No. 1 will accomplish this goal (Attachment 4).

Individual Task Orders will be issued for the CSI Storm Water Basin (PID 18a), 2013 RMPU Proposed Wineville Pump Station to Jurupa, Expanded Jurupa Pump Station to RP3 Basin, and 2013 Proposed RP3 Improvements (PID 23a), Victoria Basin (PID 11), and Montclair Basins (PID 2) projects. These are treated as separate items and, with the exception of CSI Project, are presented later in the agenda.

Third Amendment to Task Order 1 (2013 RMPU Amendment Yield Enhancement Projects) May 11, 2017 Page 3 of 3

Soft costs for the projects which were deferred, (Declez Basin (PID 27), Turner Basin (PID 14), and Ely Basin (PID 15a)) will remain with Task Order 1. The cost to complete the feasibility study at East Declez will also remain. The Third Amendment to Task Order No. 1 will decrease *Maximum Costs to Watermaster* from \$3,939,500 to \$497,000; the difference in cost will be reallocated into the new individual Task Orders.

ATTACHMENTS

- 1. Task Order No.1
- 2. 1st Amendment to Task Order No. 1 Yield Enhancement
- 3. 2nd Amendment to Task Order No. 1 Yield Enhancement
- 4. 3rd Amendment to Task Oder No. 1 Yield Enhancement

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MASTER AGREEMENT BETWEEN CHINO BASIN WATERMASTER AND INLAND EMPIRE UTILITIESAGENCY REGARDING THE MANAGEMENT OF COLLABORATIVE RECHARGE PROJECTS

TASK ORDER NO. 1 2013 RMPU AMENDMENT YIELD ENHANCEMENT PROJECTS – PLANNING, PERMITTING AND DESIGN

This Task Order is made and entered into as of the 18 day of August, 2014 by and between the Chino Basin Watermaster, hereinafter referred to as "Watermaster" and the Inland Empire Utilities Agency, hereinafter referred to as "IEUA" (each a "Party" and collectively, the "Parties").

In consideration of the mutual promises, covenants, and conditions as addressed in the Master Agreement dated July 24, 2014 and as specifically hereinafter set forth, the parties do hereby agree as follows:

1. PURPOSE

The purpose of this Task Order is to govern the planning, permitting and design of the Yield Enhancement Projects recommended in the 2013 Amendment to the 2010 Recharge Master Plan Update ("2013 RMPU Amendment"), and the cost allocations among Watermaster and IEUA for those Projects, pursuant to the Peace II Agreement. The management and cost allocation for construction of, and construction bidding for, the 2013 RMPU Amendment Yield Enhancement projects will be the subject of a separate Task Order.

2. SCOPE

The activities to be undertaken pursuant to this Task Order include preliminary design, proof-of-concept analyses, completion of the CEQA process, permitting, and final design for the following 2013 RMPU Amendment Yield Enhancement Projects, as those projects are further described in the 2013 RMPU Amendment:

Project ID	Project
	MZ3 Projects
18a	CSI Storm Water Basin
23a	2013 RMPU Proposed Wineville PS to Jurupa, Expanded Jurupa PS to
	RP3 Basin, and 2013 Proposed RP3 Improvements
25a	Sierra
27	Declez Basin
	MZ2 Projects
11	Victoria Basin
14	Turner Basin
1 5a	Ely Basin
17a	Lower San Sevaine Basin (2010 RMPU)
	MZ1 Projects
2	Montclair Basins

Under this task order the following is an estimated schedule and projected cost break down for each phases of the design:

<u>Phase</u>	<u>Start</u>	<u>Finish</u>	Projected Cost
Project Development	01/07/2014	02/18/2015	\$58,100
Preliminary Design	02/19/2015	06/30/2016	\$1,475,100
Environmental	02/19/2015	06/30/2016	\$577,100
Design	07/01/2016	12/29/2017	\$5,605,100
Permits	09/30/2016	12/29/2017	\$407,100
		Total	\$8,122,500

3. <u>IEUA RESPONSIBILITIES</u>

IEUA agrees to provide project management and contract administration services that include, but are not limited to:

- Engagement of consulting services as needed for:
 - Project design;
 - California Environmental Quality Act (CEQA) compliance;
 - Permitting;
- Management of consultants for the above;
- Approval of progress payments for consultants;

- Recommendation as to change orders for consultants;
- Payment of consultant invoices

IEUA will supply all personnel and equipment required to perform the assigned services.

4. WATERMASTER RESPONSIBILITIES

Watermaster agrees that it and its employees and consultants will cooperate with IEUA and its contractors in the performance of services under this Task Order and will provide any necessary documentation and information in Watermaster's possession.

BUDGET AND COST ALLOCATION

The budget for the activities to be undertaken pursuant to this Task Order is seven million eight hundred seventy-two thousand two hundred fifty dollars (\$7,872,250) unless the scope of work is changed and an increase is authorized by the Parties ("Budget"). The Parties agree that these costs are shared consistent with the methodology described in Peace II Agreement Section 8.1(b), and that IEUA's share of the costs is based on a 50% allocation of the costs of those portions of the project for which there is a recycled water component. The Budget includes IEUA capital, administrative, and overhead expenses associated with IEUA's provision of the services described in Section 3, above. The fiscal year budget allocation is as follows:

Design - RMPU YE Design			Eiscal Year 2016/17		Total
Watermaster	-	\$1,800,000	\$3,500,000	\$2,572,250	\$7,872,250
IEUA	\$250,250	_	•	-	\$250,250
Total	\$250,250	\$1,800,000	\$3,500,000	\$2,572,250	\$8,122,500

6. TOTAL BUDGETED COST

The Parties agree to pay their respective portion of the total costs, and the parties shall not be required to pay more than \$8,122,500 ("Total Budgeted Cost").

7. MAXIMUM COSTS TO WATERMASTER

The costs to be required of Watermaster under this Agreement shall not exceed its share of the Total Budgeted Cost, as shown in Section 5 above, or \$7,872,250.

8. MAXIMUM COSTS TO IEUA

The costs to be required of IEUA under this Agreement shall not exceed its share of the Total Budgeted Cost, as shown in Section 5 above, or \$250,250.

9. TERM

Work to be undertaken pursuant to this Task order shall be initiated upon the Effective Date, as described in Section 11, below. The terms of this Task Order shall remain effective until IEUA's receipt of Watermaster's share of costs expended pursuant to the Budget shown above, so that IEUA may close out the activities.

10. REIMBURSEMENT

Watermaster's reimbursement of IEUA for work performed under this Task Order shall be as provided in Article 3 of the July 24, 2014 Master Agreement.

11. EFFECTIVE DATE

This Task Order No. 1 will become effective upon execution by both Parties.

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

CHINO BASIN WATERMASTER

Βy

PETER KAVOUNAS General Manager

NLAND EMPIRE UTILITIES AGENCY

Rv

P JOSEPH GRUNDSTAFF General Manager

FIRST AMENDMENT

to

TASK ORDER NO. 1

2013 RMPU AMENDMENT YIELD ENHANCEMENT PROJECTS PLANNING, PERMITTING AND DESIGN

under the

MASTER AGREEMENT REGARDING THE MANAGEMENT OF COLLABORATIVE RECHARGE PROJECTS

between

INLAND EMPIRE UTILITIES AGENCY

and

CHINO BASIN WATERMASTER

This First Amendment to Task Order No. 1 is made and entered into as of the ______ day of April, 2015 by and between the Inland Empire Utilities Agency (IEUA) and the Chino Basin Watermaster (Watermaster) (each a "Party" and collectively, the "Parties").

RECITALS

- A. Task Order No. 1 for the 2013 RMPU Amendment Yield Enhancement Projects Planning, Permitting and Design (the "Task Order") was approved by IEUA on April August 20, 2014, and by Watermaster on August 28, 2014.
- B. During the January 15, 2015 Joint Projects Committee Meeting, staff recommended the inclusion of a new project, the East Declez Project, within the Recharge Master Plan list of projects and the removal of Sierra Basin and Lower San Sevaine which are no longer viable RMPU project. The Sierra Basin was no longer an option due to the City of Fontana's desire to use the land for other purposes, while Lower San Sevaine is no longer an option due to the land where the project was to be located was sold to a home developer.
- C. IEUA and Watermaster wish to amend Task Order No. 1 to reflect these changes on the listed RMPU projects which are considered for design, decrease the total projected design cost, and to adjust the reimbursement schedule under which Watermaster provides its share of the costs to IEUA.

NOW THEREFORE IT IS AGREED TO AMEND THE TASK ORDER AS FOLLOWS:

1. Section 2 of the Task Order titled SCOPE shall be amended to read:

The activities to be undertaken pursuant to this Task Order include preliminary design, proof-of-concept analyses, completion of the CEQA process, permitting, and final design for the following 2013 RMPU Amendment Yield Enhancement Projects, as those projects are further described in the 2013 RMPU Amendment:

ID	Basin Projects
18a	CSI Storm Water Basin
23a	2013 RMPU Proposed Wineville PS to Jurupa, Expanded Jurupa PS to RP3 Basin, and 2013 Proposed RP3 Improvements
-	East Declez Basin
11	Victoria Basin
14	Turner Basin
15a	Ely Basin
2	Montclair Basins

Under this task order the following is an estimated scheduled and projected cost break down for each phase of work:

<u>Phases</u>	<u>Start</u>	<u>Finish</u>	Projected Cost
Project Development	07/01/14	04/15/15	\$53,547
Preliminary Design	04/16/15	08/26/16	\$1,360,328
Environmental	02/19/15	08/29/16	\$532,190
Design	08/29/16	12/29/17	\$5,169,055
Permits	08/29/16	12/29/17	\$375,380
		Total	\$7,490,500

2. Section 5 of the Task Order titled BUDGET AND COST ALLOCATION shall be amended to read:

The budget for the activities to be undertaken pursuant to this Task Order is five million four hundred sixty-nine thousand five hundred dollars (\$7,490,500) unless the scope of work is changed and an increase is authorized by the Parties ("Budget"). The Parties agree that these costs are shared consistent with the methodology described in Peace II Agreement Section 8.1(b), and that IEUA's share of the costs is based on a 50% allocation of the costs of those portions of the project for which there is a recycled water component. The Budget includes IEUA capital, administrative, and overhead expenses associated with IEUA's provision of the services described in Section 3, above. The fiscal year budget allocation is as follows:

Design - RMPU YE Design	Fiscal Year 2015/16	Fiscal Year 2016/17	Fiscal Year 2017/18	Total
Watermaster	\$569,750	\$3,100,000	\$3,570,500	\$7,240,250
IEUA	\$250,250	=1	Name 1	\$250,250
Total	\$820,000	\$3,100,000	\$3,549,500	\$7,490,500

3. Section 6 of the Task Order titled TOTAL BUDGETED COST shall be amended to read:

The Parties agree to pay their respective portion of the total costs, and the parties shall not be required to pay more than \$7,490,500 ("Total Budgeted Cost").

4. Section 7 of the Task Order titled MAXIMUM COSTS TO WATERMASTER shall be amended to read:

The costs to be required of Watermaster under this Agreement shall not exceed its share of the Total Budgeted Cost, as shown in Section 5 above, or \$7,240,250.

ALL OTHER PROVISIONS SHALL REMAIN UNCHANGED.

IN WITNESS WHEREOF, the parties hereby have caused this Amendment to be entered into as of the day and year written above.

INLAND EMPIRE UTILITIES AGENCY:

Joseph Grindstaff General Manager

CHINO BASIN WATERMASTER:

Peter Kavounas

General Manager

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SECOND AMENDMENT

to

TASK ORDER NO. 1

2013 RMPU AMENDMENT YIELD ENHANCEMENT PROJECTS PLANNING, PERMITTING AND DESIGN

under the

MASTER AGREEMENT REGARDING THE MANAGEMENT OF COLLABORATIVE RECHARGE PROJECTS

between

INLAND EMPIRE UTILITIES AGENCY

and

CHINO BASIN WATERMASTER

This Second Amendment to Task Order No. 1 is made and entered into as of the <u>23</u> day of June, 2016 by and between the Inland Empire Utilities Agency (IEUA) and the Chino Basin Watermaster (Watermaster) (each a "Party" and collectively, the "Parties").

RECITALS

- A. Task Order No. 1 for the 2013 RMPU Amendment Yield Enhancement Projects Planning, Permitting and Design (the "Task Order") was approved by IEUA on August 20, 2014, and by Watermaster on August 28, 2014.
- B. The First Amendment to Task Order No. 1 was entered into by IEUA and Watermaster, effective April 1, 2015. Task Order No. 1 was amended to reflect the inclusion of a new project, the East Declez Project, within the Recharge Master Plan list of projects and the removal of Sierra Basin and Lower San Sevaine, which are no longer viable RMPU projects. The Sierra Basin was no longer an option due to the City of Fontana's desire to use the land for other purposes, while Lower San Sevaine is no longer an option due to the land where the project was to be located was sold to a home developer.
- C. Following a review of the feasibility study for the East Declez project, at the April 14, 2016 Appropriative Pool Meeting, it was decided that the East Declez project would not be further developed. A total of \$114,000 of funds from Task Order No. 1 were used for the development of the feasibility study.
- D. IEUA and Watermaster wish to amend Task Order No. 1 to reflect these changes on the listed RMPU projects which are considered for design, decrease the total projected design cost, and to adjust the reimbursement schedule under which Watermaster provides its share of the costs to IEUA.

NOW THEREFORE IT IS AGREED TO AMEND THE TASK ORDER AS FOLLOWS:

1. Section 2 of the Task Order titled SCOPE shall be amended to read:

The activities to be undertaken pursuant to this Task Order include preliminary design, proof-of-concept analyses, completion of the CEQA process, permitting, and final design for the following 2013 RMPU Amendment Yield Enhancement Projects, as those projects are further described in the 2013 RMPU Amendment:

ID	Basin Projects
18a	CSI Storm Water Basin
	2013 RMPU Proposed Wineville PS to Jurupa, Expanded
23a	Jurupa PS to RP3 Basin, and 2013 Proposed RP3
	Improvements
27 ¹	Declez Basin
-	East Declez Basin <i>- Feasibility Study only</i>
11	Victoria Basin
14	Turner Basin
15a	Ely Basin
2	Montclair Basins

¹ Declez Basin project (ID 27) was incorrectly omitted in the first Amendment to Task Order #1. There is no impact to overall cost

Under this task order the following is an estimated scheduled and projected cost break down for each phase of work:

<u>Phases</u>	<u>Start</u>	<u>Finish</u>	Projected Cost	
Project Development	07/01/14	04/15/15	\$27,000	
Preliminary Design	04/16/15	08/26/16	\$838,000	
Environmental	02/19/15	08/29/16	\$336,000	
Design	08/29/16	12/29/17	\$2,638,500	
Permits	08/29/16	12/29/17	\$100,000	
		Total	\$3,939,500	

2. Section 5 of the Task Order titled BUDGET AND COST ALLOCATION shall be amended to read:

The budget for the activities to be undertaken pursuant to this Task Order is three million nine hundred thirty-nine thousand five hundred dollars (\$3,939,500) unless the scope of work is changed and an increase is authorized by the Parties ("Budget"). The Parties agree that these costs are shared consistent with the methodology described in Peace II Agreement Section 8.1(b), and that IEUA's share of the costs is based on a 50% allocation of the costs of those portions of the project for which there is a recycled water component. The Budget includes IEUA capital, administrative, and overhead expenses associated with IEUA's provision of the services described in Section 3, above. The fiscal year budget allocation is as follows:

Design - RMPU YE Design	Fiscal Year 2015/16	Fiscal Year 2016/17	Fiscal Year 2017/18	Total
Watermaster	\$569,750	\$1,664,000	\$1,455,500	\$3,689,250
IEUA	\$250,250	87.	-	\$250,250
Total	\$820,000	\$1,664,000	\$1,455,500	\$3,939,500

3. Section 6 of the Task Order titled TOTAL BUDGETED COST shall be amended to read:

The Parties agree to pay their respective portion of the total costs, and the parties shall not be required to pay more than \$3,939,500 ("Total Budgeted Cost").

4. Section 7 of the Task Order titled MAXIMUM COSTS TO WATERMASTER shall be amended to read:

> The costs to be required of Watermaster under this Agreement shall not exceed its share of the Total Budgeted Cost, as shown in Section 5 above, or \$3,939,250.

ALL OTHER PROVISIONS SHALL REMAIN UNCHANGED.

IN WITNESS WHEREOF, the parties hereby have caused this Amendment to be entered into as of the day and year written above.

INLAND EMPIRE UTILITIES AGENCY:

CHINO BASIN WATERMASTER:

Joseph Grindstaff

Peter Kavounas General Manager

General Manager

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THIRD AMENDMENT

to

TASK ORDER NO. 1

2013 RMPU AMENDMENT YIELD ENHANCEMENT PROJECTS PLANNING, PERMITTING AND DESIGN

under the

MASTER AGREEMENT REGARDING THE MANAGEMENT OF COLLABORATIVE RECHARGE PROJECTS

between

INLAND EMPIRE UTILITIES AGENCY

and

CHINO BASIN WATERMASTER

This Third Amendment to Task Order No. 1 is made and entered into as of the _____ day of May, 2017 by and between the Inland Empire Utilities Agency ("IEUA") and the Chino Basin Watermaster ("Watermaster") (each a "Party" and collectively, the "Parties").

RECITALS

- A. Task Order No. 1 for the 2013 RMPU Amendment Yield Enhancement Projects Planning, Permitting and Design ("Task Order") was approved by IEUA on August 20, 2014, and by Watermaster on August 28, 2014.
- B. The First Amendment to the Task Order was entered into by IEUA and Watermaster, effective April 1, 2015. The Task Order was amended to reflect the inclusion of a new project, the East Declez Project, within the Recharge Master Plan list of projects and the removal of the Sierra Basin and Lower San Sevaine projects, which were no longer viable RMPU projects.
- C. The Second Amendment to the Task Order was entered into by IEUA and Watermaster, effective June 23, 2016. Under the second amendment, further consideration of the East Declez project was removed from the scope of the Task Order. The amendment thus reduced the budget and cost allocation of the Task Order to \$3,939,500 ("Budget"). The amended Budget included \$114,000 for the East Declez project feasibility study, which had already been conducted at the time of the Second Amendment. The remaining Budget was allocated to the other 2013 RMPU projects.
- D. On November 17, 2016, Watermaster approved the "Post 2014 Stormwater Recharge Program" as part of the results and findings presented from the completed preliminary design report on the agreed upon 2013 RMPU projects. Under the "Post 2014 Stormwater Recharge Program," the following 2013 RMPU projects addressed in the Task Order were recommended for final design, bidding, and construction:

ID	Basin Projects		
	2013 RMPU Proposed Wineville PS to Jurupa, Expanded		
23a	Jurupa PS to RP3 Basin, and 2013 Proposed RP3		
	Improvements		
11	Victoria Basin		
2	Montclair Basins		

The San Sevaine Basin (PID 7) and Lower Day Basin (PID 12) projects were also approved by Watermaster as a part of the Post 2014 Stormwater Recharge Program, but are addressed in separate task orders. Further development of the Declez Basin (PID 27), Turner Basin (PID 14), and Ely Basin (PID 15a) projects was deferred. Finally, the CSI Storm Water Basin (PID 18a) project was also deferred to allow for further negotiations between Watermaster and California Steel Industries ("CSI").

- E. IEUA and Watermaster wish to amend the Task Order to reflect these developments in the following ways:
 - 1. Individual task orders will be issued for the CSI Storm Water Basin (PID 18a), 2013 RMPU Proposed Wineville PS to Jurupa, Expanded Jurupa PS to RP3 Basin, and 2013 Proposed RP3 Improvements (PID 23a), Victoria Basin (PID 11), and Montclair Basins (PID 2) projects. All responsibilities and obligations arising out of these projects will be superseded by the new individual task orders.
 - The preliminary design for the Declez Basin (PID 27), Turner Basin (PID 14), and Ely Basin (PID 15a) projects was completed. Further development of the projects has been deferred.

NOW THEREFORE IT IS AGREED TO AMEND THE TASK ORDER AS FOLLOWS:

1. Section 2 of the Task Order titled SCOPE shall be amended to read:

The activities to be undertaken pursuant to this Task Order include the project development, preliminary design, and completion of the CEQA process for the following 2013 RMPU Amendment Yield Enhancement Projects, as those projects are further described in the 2013 RMPU Amendment:

ID	Basin Projects
27	Declez Basin
14	Turner Basin
15a	Ely Basin
-	East Declez Basin – Feasibility Study only

The preliminary design the for Declez Basin (PID 27), the Turner Basin (PID 14) and the Ely Basin (15a) projects has been completed. The feasibility study for the East Declez Basin project has been completed. These projects will not be developed any further.

The following is the estimated cost of past and pending expenses for each phase of the deferred projects:

Declez Basin (PID 27)			
Phases Expenses (past/pending)			
Project Development	\$2,600		
Preliminary Design	\$71,000		
Environmental	\$31,400		
Design	-		
Permits			
Total \$105,000			

<u>Turner Basin (PID 14)</u>				
Phases Expenses (past/pending)				
Project Development	\$1,000			
Preliminary Design	\$28,400			
Environmental	\$12,600			
Design	-			
Permits	-			
Total \$42,000				

Ely Basin (PID 15a)				
Phases Expenses (past/pending)				
Project Development	\$5,900			
Preliminary Design	\$159,600			
Environmental	\$70,500			
Design	-			
Permits	-			
Total \$236,000				

East Declez (Feasibility Study Only)			
Phases Expenses (past/pending)			
Project Development	\$114,000		
Preliminary Design	-		
Environmental	-		
Design	-		
Permits	-		
Total \$114,000			

The following is the total estimated cost of past and pending expenses for the deferred projects:

ID	Basin Projects	Expenses (past/pending)
27	Declez Basin	\$105,000
14	Turner Basin	\$42,000
15a	Ely Basin	\$236,000
-	East Declez Basin — Feasibility Study only	\$114,000
	Total	\$497,000

2. Section 5 of the Task Order titled BUDGET AND COST ALLOCATION shall be amended to read:

Unless the scope of work is changed and an increased is authorized by the Parties, the budget for the activities to be undertaken pursuant to this Task Order is four hundred ninety-seven thousand dollars (\$497,000) ("Budget"). The Parties agree that these costs are shared consistent with the methodology described in Peace II Agreement Section 8.1(b), and that IEUA's share of the costs is based on 50% allocation of the costs of those portions of the project for which there is a recycled water component. The Budget includes IEUA capital, administrative, and overhead expenses associated with IEUA's provision of the services described in Section 3 above.

3. Section 6 of the Task Order titled TOTAL BUDGETED COST shall be amended to read:

The Parties agree to pay their respective portion of the total costs, and the Parties shall not be required to pay more than four hundred ninety-seven thousand dollars (\$497,000) ("Total Budgeted Cost").

4. Section 7 of the Task Order titled MAXIMUM COSTS TO WATERMASTER shall be amended to read:

The costs to be required of Watermaster under this Agreement shall not exceed its share of the Total Budgeted Cost, as shown in Section 6 above, or \$497,000.

5. Section 12 shall be added to the Task Order and will read as follows:

Individual task orders will be issued for the CSI Storm Water Basin (PID 18a), 2013 RMPU Proposed Wineville PS to Jurupa, Expanded Jurupa PS to RP3 Basin, and 2013 Proposed RP3 Improvements (PID 23a), Victoria Basin (PID 11) and Montclair Basin (PID 2) projects, which, prior to the Third Amendment, were formerly the subject of this Task Order. Accordingly, this Task Order will no longer govern the Parties' obligations or responsibilities with respect to these projects. The Parties' obligations and

responsibilities arising out of this Task Order that relate to these projects will be transferred to and governed by the new task orders.

ALL OTHER PROVISIONS SHALL REMAIN UNCHANGED.

IN WITNESS WHEREOF, the parties hereby have caused this Amendment to be entered into as of the day and year written above.

INLAND EMPIRE UTILITIES AGENCY:	
Joseph Grindstaff	
General Manager	
CHINO BASIN WATERMASTER:	
Peter Kavounas General Manager	

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- I. CONSENT CALENDAR (App and Ag Pool)
 - G. FIRST AMENDMENT TO TASK ORDER NO. 2 (LOWER DAY BASIN IMPROVEMENT PROJECT)
- I. **BUSINESS ITEM ROUTINE (Non-Ag Pool)**
 - G. FIRST AMENDMENT TO TASK ORDER NO. 2 (LOWER DAY BASIN IMPROVEMENT PROJECT)



CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.

General Manager

STAFF REPORT

DATE:

May 11, 2017

TO:

Pool Committee Members

SUBJECT:

First Amendment to Task Order No. 2 (Lower Day Basin Improvement Project) (Consent

Calendar Item I.G.)

SUMMARY

<u>Issue</u>: Task Order No. 2 needs to be amended to reflect the increase in capital cost, the receipt of additional grant funding and adjust the reimbursement schedule of the costs to IEUA.

<u>Recommendation:</u> Recommend to Advisory Committee to recommend to the Board to approve the amended Task Order No. 2 (Lower Day Basin Improvement Project).

<u>Financial Impact:</u> There is no impact to this Fiscal Year's budget. The Total Budget Cost to Watermaster would increase from \$1,730,000 to \$2,883,000. Future costs are shown in the Budget and Cost Allocation Table in the Task Order.

Future Consideration

Appropriative Pool- May 11, 2017: Recommend to Advisory Committee to recommend to the Watermaster Board to approve Non-Agricultural Pool- May 11, 2017: Recommend to Advisory Committee to recommend to the Watermaster Board to approve Agricultural Pool- May 11, 2017: Recommend to Advisory Committee to recommend to the Watermaster Board to approve Advisory Committee- May 18, 2017: Recommend to Watermaster Board to approve Watermaster Board- May 25, 2017: Approval (Upon Advisory Committee recommendation)

ACTIONS:

Appropriative Pool – May 11, 2017: Non-Agricultural Pool – May 11, 2017: Agricultural Pool – May 11, 2017: Advisory Committee – May 18, 2017: Watermaster Board – May 25, 2017:

BACKGROUND

The Chino Basin Watermaster (Watermaster) and the Inland Empire Utilities Agency (IEUA) are partners in many recharge related projects throughout the Basin. On July 24, 2014 Watermaster and IEUA entered into a Master Agreement regarding the Management of Collaborative Recharge Projects (Master Agreement). Pursuant to the Master Agreement, Watermaster and IEUA proposed to enter into project specific agreements for services, which are incorporated into the Master Agreement, describing the scope, budget, and schedule of the services to be performed, the respective cost share of each Party and any special conditions of performance and other information deemed necessary by the Parties (Task Orders).

Task Order 2 (Attachment 1) governs the costs associated with the Lower Day Basin RMPU Improvement Project, which was initially separated from other Recharge Master Plan Update (RMPU) projects and placed on an accelerated track to take advantage of a grant secured from the Department of Water Resources through the Santa Ana Watershed Project Authority. The Preliminary Design Report (PDR) for this project was completed in October 2016 which coincided with the other RMPU Projects' PDR completion, and was brought forth to the Watermaster Board and approved to continue in November 2016 as part of the Post-2014 Stormwater Recharge Program. The delay to the development of the PDR had no effect on the status of the grant.

DISCUSSION

Watermaster's share of the Lower Day Basin RMPU Improvement Project, based on the updated PDR, increased from \$1.7 Million to \$2.9 Million due to the change in scope for the project. However, the amount of anticipated stormwater capture also increased from 789 acre-feet per year to 993 acre-feet per year giving the project a unit cost of \$300 per acre-foot.

In January of 2016, IEUA was successful in obtaining a \$375,000 federal grant from the US Bureau of Reclamation which will be reflected in the Task Order Amendment.

Staff recommends that the Task Order amendment be approved to reflect the increase in capital cost, the receipt of additional grant funding to the project and adjust the reimbursement schedule of costs to IEUA. (Attachment 2).

ATTACHMENTS

- 1. Task Order No. 2 (Lower Day Basin Improvement Project)
- 2. First Amendment to Task Order No. 2 (Lower Day Basin Improvement Project)

MASTER AGREEMENT BETWEEN CHINO BASIN WATERMASTER AND INLAND EMPIRE UTILITIES AGENCY REGARDING THE MANAGEMENT OF COLLABORATIVE RECHARGE PROJECTS

TASK ORDER NO. 2 LOWER DAY BASIN RMPU IMPROVEMENT PROJECT

This Task Order is made and entered into as of the 28 day of August, 2014 by and between the Chino Basin Watermaster, hereinafter referred to as "Watermaster" and the Inland Empire Utilities Agency, hereinafter referred to as "IEUA" (each a "Party" and collectively, the "Parties").

In consideration of the mutual promises, covenants, and conditions as addressed in the Master Agreement dated July 24, 2014 and as specifically hereinafter set forth, the parties do hereby agree as follows:

1. PURPOSE

The purpose of this Task Order is to govern the project management, planning, permitting, bid/award of construction, design and the construction of the Lower Day Basin RMPU Improvement Project.

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 on the embankment may include excavation and keying to prevent piping and seepage.

The potential increase in Recharge with the inlet is 1,469 acre-feet per year as per 2010 RMPU.

2. SCOPE

The activities to be undertaken pursuant to this Task Order include project development to properly establish project's scope and schedule, preliminary design evaluation to define the extent of the upgrades of each site, design for the preparation of the construction plans and specifications for the upgrades, permitting and CEQA review for each site proposed for upgrades, bid/award of the construction contract to the lowest responsible/responsive bidder, and the construction of the basin upgrades. The following is projected cost breakdown and schedule for each of the project phases:

1

<u>Phase</u>	<u>Start</u>	<u>Finish</u>	Projected Cost
Project Development	07/01/14	12/17/14	\$25,000
Pre-Design	12/18/14	04/10/15	\$30,000
Design	04/13/15	11/05/15	\$145,275
Environmental Impact	05/29/15	10/10/17	\$76,200
Permits	07/28/15	06/01/16	\$66,000
Bid and Award	06/02/16	08/26/16	9,000
Construction	08/29/16	01/16/18	\$2,128,525
		Total	\$2,480,000

3. <u>IEUA RESPONSIBILITIES</u>

IEUA agrees to provide project management and contract administration services that include, but are not limited to:

- Engagement of consulting services as needed for:
 - Preliminary design and Design Engineering services;
 - California Environmental Quality Act (CEQA) compliance and Permitting;
 - Bid and award efforts; and
 - Engineering support during construction
- Management of consultants for the above;
- Approval of progress payments for consultants;
- Recommendation as to change orders for consultants; and
- Payment of consultant invoices

During construction IEUA agrees to provide construction management and contract administration services that include, but are not limited to:

- Engagement of Construction Contract services for:
 - Construction work to implement the upgrades
- Management of contractor for the above;
- Approval of progress payments for contractor;
- Recommendation as to change orders for contractor; and
- Payment of contractor invoices

IEUA will supply all personnel and equipment required to perform the assigned services.

4. WATERMASTER RESPONSIBILITIES

Watermaster agrees that it and its employees and consultants will cooperate with IEUA and its contractors in the performance of services under this Task Order and will provide any necessary documentation and information in Watermaster's possession.

5. <u>BUDGET AND COST ALLOCATION</u>

Unless the scope of work is changed and an increase is authorized by the Parties, the budget for the activities to be undertaken pursuant to this Task Order is two million four hundred eighty thousand dollars (\$2,480,000) ("Budget"), of which \$750,000 in grant funds are available for the Project. The Parties agree that Budget less the grant funds is allocated 100-percent to Watermaster, which is consistent with the methodology described in Section 8.1(b) of the Peace II Agreement, as there is no recycled water component to the project. The Budget includes IEUA capital, administrative, and overhead expenses associated with IEUA's provision of the services described in Section 3, above. The Budget shall be allocated among the Parties as shown in the table below. The Parties shall budget, pursuant to their own budget mechanism, such that each is able to expend the amounts shown in the Fiscal Years shown in the table below.

	Fiscal Year 2014/15	Fiscal Year 2015/16			Total
Watermaster	\$49,000	\$140,000	\$140,000	\$1,401,000	\$1,730,000
IEUA	-	~	-	-	\$0
Grant Funding	\$21,000	\$60,000	\$60,000	\$609,000	\$750,000
Total	\$70,000	\$200,000	\$200,000	\$2,010,000	\$2,480,000

TOTAL BUDGETED COST

The Parties agree to pay their respective portion of the Budget, less the \$750,000 of available grant funding. The parties shall not be required to pay more than \$1,730,000 ("Total Budgeted Cost").

7. MAXIMUM COSTS TO WATERMASTER

The costs to be required of Watermaster under this Agreement shall be the Total Budgeted Cost that is not paid with available \$750,000 grant money, or \$ 1,730,000.

8. MAXIMUM COSTS TO IEUA

There are no costs to be required of IEUA under this Agreement.

9. TERM

Work to be undertaken pursuant to this Task order shall be initiated upon the Effective Date, as described in Section 11, below. The terms of this Task Order shall remain effective until IEUA's receipt of Watermaster's share of costs expended pursuant to the Budget shown above, so that IEUA may close out the activities.

10. REIMBURSEMENT

Watermaster's reimbursement of IEUA for work performed under this Task Order shall be as provided in Article 3 of the July 24, 2014 Master Agreement.

11. EFFECTIVE DATE

This Task Order No. 2 will become effective upon execution by both Parties.

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

CHINO BASIN WATERMASTER

PETER KAVOUNAS

General Manager

INKAND MARKE UTILITIES AGENCY

P. JOSEPH GRINDSTAFF

General Manager

4

FIRST AMENDMENT

to

TASK ORDER NO. 2

LOWER DAY BASIN RMPU IMPROVEMENT PROJECT

under the

MASTER AGREEMENT REGARDING THE MANAGEMENT OF COLLABORATIVE RECHARGE PROJECTS

between

INLAND EMPIRE UTILITIES AGENCY

and

CHINO BASIN WATERMASTER

This First Amendment to Task Order No. 2 is made and entered into as of the _____ day of May, 2017 by and between the Inland Empire Utilities Agency ("IEUA") and the Chino Basin Watermaster ("Watermaster") (each a "Party" and collectively, the "Parties").

RECITALS

- A. Task Order No. 2 ("Task Order") for the Lower Day Basin RMPU Improvement Project ("Project") was approved by IEUA on August 20, 2014 and by Watermaster on August 28, 2014.
- B. On September 4, 2015, IEUA received an executed \$750,000 grant award from the United States Department of the Interior's Bureau of Reclamation as part of the Bay Delta Restoration Program: CALFED Water Use Efficiency Grant. The grant was awarded toward the construction efforts of the Project and the San Sevaine Basin RMPU Improvement Project. The projects will each receive \$325,000 of these grant funds.
- C. During the development and design of the Project, it was determined that a higher recharge yield could be achieved for the Project if the following design elements were implemented:
 - a. Raise existing wall heights as high as 13-feet by 140-feet long;
 - b. Imbed new diversion gate flush into the existing channel floor; and,
 - c. Require multiple redundancy to lower gate.

The added design elements increase the new recharge yield for the Project to 993 acre-feet per year and raise the Project budget to \$4,008,000.

D. On November 17, 2016, the Watermaster Board approved the "Post 2014 Stormwater Recharge Program" as part of the results and findings presented from the completed preliminary design report on the agreed 2013 RMPU projects. Under the Post 2014 Stormwater Recharge Program, the Project was recommended for final design, bidding, and construction.

E. IEUA and Watermaster wish to amend the Task Order to reflect the receipt of grant funding for the Project, to increase the Budget and Total Budgeted Cost and adjust Watermaster's budget schedule.

NOW THEREFORE IT IS AGREED TO AMEND THE TASK ORDER AS FOLLOWS:

1. Section 2 of the Task Order titled SCOPE shall be amended to read:

The activities to be undertaken pursuant to this Task Order include project development to properly establish the project's scope and schedule, preliminary design evaluation to define the extent of the upgrades of each site, design for the preparation of the construction plans and specifications for the upgrades, permitting and CEQA review for each site proposed for upgrades, bid/award of the construction contract to the lowest responsible/responsive bidder, and the construction of the basin upgrades. The following is the projected cost breakdown and schedule for each of the project phases:

Phase	Start	Finish	Projected Cost
Project Development	07/01/14	12/17/14	\$25,000
Pre-Design	12/18/14	11/16/16	\$159,000
Environmental Impact	12/18/14	04/20/16	\$44,000
Permits	12/18/14	01/08/18	\$170,000
Design	06/22/17	03/12/18	\$278,000
Bid and Award	03/13/18	06/20/18	9,000
Construction	03/22/18	06/28/19	\$3,323,000
	***	Total	\$4,008,000

2. Section 5 of the Task Order titled BUDGET AND COST ALLOCATION shall be amended to read:

Unless the scope of work is changed and an increase is authorized by the Parties, the budget for the activities to be undertaken pursuant to this Task Order is four million eight thousand dollars (\$4,008,000) ("Budget"), which includes \$750,000 in grant funding from the Department of Water Resources through the Santa Ana Watershed Project Authority as part of Proposition 84 and \$375,000 in grant funding from the United States Bureau of Reclamation. The Parties agree that responsibility for the Budget less the grant funds is allocated 100-percent to Watermaster, which is consistent with the methodology described in Section 8.1(b) of the Peace II Agreement, as there is no recycled water component to the Project. The Budget includes IEUA capital, administrative, and overhead expenses associated with IEUA's provision of the services described in Section 3 above. The Budget shall be allocated among the Parties as shown in the table below. The Parties shall budget, pursuant to their own budget mechanism, such that each is able to expend the amounts shown in the Fiscal Years shown in the table below.

Lower Day Basin	Prior Fiscal Years (FY)	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Watermaster	\$335,693	\$315,000	\$1,248,351	\$983,140	\$816	\$2,883,000
IEUA	\$0	-	Ē	8)	-	\$0
Grant Funding	\$0	-	\$1,000,000	\$125,000	-	\$1,125,000
Total	\$335,693	\$315,000	\$2,248,351	\$1,108,140	\$816	\$4,008,000

3. Section 6 of the Task Order titled TOTAL BUDGETED COST shall be amended to read:

The Parties agree to pay their respective portion of the Budget, less the \$1,125,000 of available grant funding. The Parties shall not be required to pay more than two million eight hundred eighty-three thousand dollars (\$2,883,000) ("Total Budgeted Cost").

4. Section 7 of the Task Order titled MAXIMUM COSTS TO WATERMASTER shall be amended to read:

The costs to be required of Watermaster under this Agreement shall be the Total Budgeted Cost that is not paid with the available \$1,125,000 in grant funding, or \$2,883,000.

ALL OTHER PROVISIONS SHALL REMAIN UNCHANGED.

IN WITNESS WHEREOF, the parties hereby have caused this Amendment to be entered into as of the day and year written above.

INLAND EMPIRE UTILITIES AGENCY:		
Joseph Grindstaff General Manager		
CHINO BASIN WATERMASTER:		
Peter Kavounas General Manager		

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CHINO BASIN WATERMASTER

- I. CONSENT CALENDAR (App and Ag Pool)
 - H. FIRST AMENDMENT TO TASK ORDER NUMBERS 5 (JURUPA PUMP STATION AND HVAC IMPROVEMENTS), AND 6 (WINEVILLE PROOF OF CONCEPT)
- I. BUSINESS ITEM ROUTINE (Non-Ag Pool)
 - H. FIRST AMENDMENT TO TASK ORDER NUMBERS 5 (JURUPA PUMP STATION AND HVAC IMPROVEMENTS), AND 6 (WINEVILLE PROOF OF CONCEPT)



CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.

General Manager

STAFF REPORT

DATE:

May 11, 2017

TO:

Pool Committee Members

SUBJECT:

First Amendment to Task Orders No. 5 (Jurupa Pump Station and HVAC Improvements)

and No. 6 (Wineville Proof of Concept) – (Consent Calendar Item I.H.)

SUMMARY

<u>Issue</u>: Task Orders No. 5 and No. 6 need to be amended to reflect the completion of the projects and end the obligations and responsibilities associated with the Task Orders.

Recommendation: Recommend to Advisory Committee to recommend to the Board to approve the amended Task Orders No. 5 and No. 6 and conclude associated obligations.

<u>Financial Impact</u>: There will be no financial impacts. All projects costs have been fully paid in prior years.

Future Consideration

Appropriative Pool- May 11, 2017: Recommend to Advisory Committee to recommend to the Watermaster Board to approve Non-Agricultural Pool- May 11, 2017: Recommend to Advisory Committee to recommend to the Watermaster Board to approve Agricultural Pool- May 11, 2017: Recommend to Advisory Committee to recommend to the Watermaster Board to approve Advisory Committee- May 18, 2017: Recommend to Watermaster Board to approve Watermaster Board- May 25, 2017: Approval (Upon Advisory Committee recommendation)

ACTIONS

Appropriative Pool – May 11, 2017: Non-Agricultural Pool – May 11, 2017: Agricultural Pool – May 11, 2017: Advisory Committee – May 18, 2017: Watermaster Board – May 25, 2017:

BACKGROUND

Task Orders No. 5 and No. 6 were executed on August 28, 2014 under the 2014 Master Cost sharing agreement between Chino Basin Watermaster (CBWM) and the Inland Empire Utility Agency (IEUA). All projects were a 50/50 cost share between IEUA and CBWM.

Task Order No. 5 governed the costs for the Jurupa Pump Station HVAC improvements. The Jurupa Pump Station (PS) is a key recharge facility that directly conveys stormwater runoff, local runoff, imported and recycled water to Cell 1A at the RP-3 Basin. The PS is located on the north-east corner of Jurupa Basin which acts as a pass-through basin for flows intercepted at the nearby San Sevaine Channel. The PS' electrical equipment, such as the motor control center, variable frequency drives (VFDs) and communication equipment, is critical to the operation of the pump station. With high temperatures experienced at the PS, vital controls and switches had been experiencing temperature related failures and shutdowns. The HVAC improvements addressed these critical failures by installing a permanent air conditioning system, roof thermal insulation and controls for the electrical equipment at the Jurupa PS. The project was completed and all cost finalized in June 2015.

Task Order No. 6 governed the costs for the Wineville Proof of Concept Project (POC). The POC was developed to provide information and data to determine the likely benefit if the basins were improved to facilitate artificial groundwater recharge. The primary objective of the POC was to measure Basin infiltration rates and use those rates to estimate the likely annual recharge capacity of the Basin. The investigative project consisted of six cells designed to test and evaluate infiltration rates at strategic locations throughout the Basin. Each of the test cells were 0.5 acres in size and excavated at different depths to gather percolation data for soils above and below the identified clay layer. The study was completed in April 2014 and concluded that the Basin presents an opportunity for groundwater recharge. All costs were paid by January 2015.

DISCUSSION

All projects finished under budget. POC's final costs were \$353,505 and the PS improvements completed at \$77,584. The final invoices were paid to IEUA January 2015 and June 2015, respectively. Funds already collected but not used towards the project were placed into the Carry-Over account which could be used towards other Capital Projects, kept in Reserve, or refunded to the Appropriators on the next Assessment. As of May 2017, there are \$78,116 of Carry-Over funds associated with the Capital Projects.

Staff recommends approving the Task Order Amendments to reflect the completion of the projects and end the obligations and responsibilities between the parties in relation to these finished projects.

ATTACHMENTS

- 1. Task Order No.5
- Task Order No.6
- 3. 1st Amendment to Task Order No. 5
- 1st Amendment to Task Order No. 6

MASTER AGREEMENT BETWEEN CHINO BASIN WATERMASTER AND INLAND EMPIRE UTILITIES AGENCY REGARDING THE MANAGEMENT OF COLLABORATIVE RECHARGE PROJECTS

TASK ORDER NO. 5 JURUPA PUMP STATION HVAC IMPROVEMENTS

This Task Order is made and entered into as of the <u>78</u> day of August, 2014 by and between the Chino Basin Watermaster, hereinafter referred to as "Watermaster" and the Inland Empire Utilities Agency, hereinafter referred to as "IEUA" (each a "Party" and collectively, the "Parties").

In consideration of the mutual promises, covenants, and conditions as addressed in the Master Agreement dated July 24, 2014 and as specifically hereinafter set forth, the parties do hereby agree as follows:

1. PURPOSE

The purpose of this Task Order is to govern the project management, planning, permitting and design/build of the Jurupa Pump Station HVAC Improvements.

The Jurupa Pump Station (PS) is a key recharge facility that directly conveys storm water runoff, local runoff, imported and recycled water to Cell 1A at the RP-3 Basin. The PS is located on the north-east corner of Jurupa Basin which acts as a pass through basin for flows intercepted at the nearby San Sevaine Channel. The PS' electrical equipment, such as the motor control center, variable frequency drives (VFDs) and communication equipment, is critical to the operation of the pump station. With high temperatures experienced at the PS, vital controls and switches has been experiencing temperature related failures and shutdowns. The HVAC improvements will address these critical failures.

2. SCOPE

The activities to be undertaken pursuant to this Task Order include evaluating cost effective solutions, implementing the recommended improvements, and providing project management throughout all project phases. The following is the projected cost breakdown and schedule for each of the project phases:

<u>Phase</u>	<u>Start</u>	<u>Finish</u>	Projected Cost
Project Development	09/02/13	03/20/14	\$3,000
Pre-design	10/31/13	03/03/14	\$5,000
Proposal/Permitting/CE	QA 03/04/14	05/14/14	\$12,000
Design/Build	05/14/14	11/30/14	\$280,000
		Total	\$300,000

3. <u>IEUA RESPONSIBILITIES</u>

IEUA agrees to provide project management and contract administration services that include, but are not limited to:

- Engagement of consulting/contract services as needed for:
 - Design/Build Services;
 - California Environmental Quality Act (CEQA) compliance;
 - · Permitting;
- Management of consultants for the above;
- Approval of progress payments for consultants;
- Recommendation as to change orders for consultants;
- Payment of consultant invoices

IEUA will supply all personnel and equipment required to perform the assigned services.

4. WATERMASTER RESPONSIBILITIES

Watermaster agrees that it and its employees and consultants will cooperate with IEUA and its contractors in the performance of services under this Task Order and will provide any necessary documentation and information in Watermaster's possession.

5. BUDGET AND COST ALLOCATION

The total projected cost for the activities to be undertaken pursuant to this Task Order is three hundred thousand dollars (\$300,000) unless the scope of work is changed and an increase is authorized by the Parties ("Budget"). The Parties agree that Budget is shared 50-percent by both parties which is consistent with the methodology described in Section 8.1(b) of the Peace II Agreement. The Budget includes IEUA capital, administrative, and overhead expenses associated with IEUA's provision of the services described in Section 3, above. The Budget shall be allocated among the Parties as shown in the table below. The Parties shall budget, pursuant to their own budget mechanism, such that each is able to expend the amounts shown in the Fiscal Years shown in the table below.

Jurupa PS	2013/14	Fiscal Year 2014/15	Total
Watermaster	\$30,000	\$120,000	\$150,000
IEUA	\$30,000	\$120,000	\$150,000
Total	\$60,000	\$240,000	\$300,000

6. TOTAL BUDGETED COST

The Parties agree to pay their respective portion of the total costs, and the parties shall not be required to pay more than \$300,000 ("Total Budgeted Cost").

7. MAXIMUM COSTS TO WATERMASTER

The costs to be required of Watermaster under this Agreement shall not exceed its share of 50-percent of the Total Budgeted Cost, as shown in Section 5 above, or \$150,000.

8. MAXIMUM COSTS TO IEUA

The costs to be required of IEUA under this Agreement shall not exceed its share of 50-percent of the Total Budgeted Cost, as shown in Section 5 above, or \$150,000.

9. TERM

The project that is the subject of this Task Order has been underway since FY 13-14. The provisions of this Task Order shall apply to work undertaken on the project prior to its Effective Date, as described in Section 10, below. The terms of this Task Order shall remain effective until IEUA's receipt of Watermaster's share of costs expended pursuant to the Budget shown above, so that IEUA may close out the activities.

10. REIMBURSEMENT

Watermaster's reimbursement of IEUA for work performed under this Task Order shall be as provided in Article 3 of the July 24, 2014 Master Agreement.

11. EFFECTIVE DATE

This Task Order No. 5 will become effective upon execution by both Parties.

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

CHINO BASIN WATERMASTER

Ву

PETER KAVOUNAS

General Manager

INLANDENPIRE UTILITIES AGENCY

D MSEPH GRINDSTAFE

General Manager

MASTER AGREEMENT BETWEEN CHINO BASIN WATERMASTER AND INLAND EMPIRE UTILITIES AGENCY REGARDING THE MANAGEMENT OF COLLABORATIVE RECHARGE PROJECTS

TASK ORDER NO. 6 WINEVILLE PROOF OF CONCEPT PROJECT

This Task Order is made and entered into as of the 28 day of August, 2014 by and between the Chino Basin Watermaster, hereinafter referred to as "Watermaster" and the Inland Empire Utilities Agency, hereinafter referred to as "IEUA" (each a "Party" and collectively, the "Parties").

In consideration of the mutual promises, covenants, and conditions as addressed in the Master Agreement dated July 24, 2014 and as specifically hereinafter set forth, the parties do hereby agree as follows:

1. PURPOSE

The purpose of this Task Order is to govern the planning, permitting, design, field testing, and investigative reporting of the Wineville Basin as part of the Wineville Basin Proof of Concept (POC) Project.

2. SCOPE

The activities to be undertaken pursuant to this Task Order include designing of six (6) test cells, weeding the area in preparation of the cells, permitting in preparation of the test cells, surveying in locating the cells, contract work for installing test cells, equipment rental and pumping to conduct the test of each cells, construction management support during the installation of the cells, and documentation of findings. The Wineville Basin Proof of Concept Project was developed to provide information and data to determine the likely benefit if the Basin were improved to facilitate artificial groundwater recharge. The primary objective of the POC is to measure Basin infiltration rates and use those rates to estimate the likely annual recharge capacity of the Basin in the event improvements are constructed. The following is projected cost breakdown and schedule for each of the project phases:

Phase	<u>Start</u>	<u>Finish</u>	Projected Cost
Design	01/11/13	04/30/14	\$22,000
Weeding	09/01/13	09/30/13	\$28,000
Permits	04/24/13	01/17/14	\$2,200
Environmental Assist.	03/01/13	11/30/13	\$22,600
Survey	09/01/13	11/30/13	\$21,000
Construction	06/19/13	04/30/14	\$208,000
Extra Equipment	10/01/13	11/30/13	\$7,500
Ontario Pump Costs	10/01/13	11/30/13	\$19,967
CM/Testing Support	- 09/01/13	04/30/14	\$50,000
Contingency			\$43,033
		Total	\$424,300

3. **IEUA RESPONSIBILITIES**

IEUA agrees to provide project management and contract administration services that include, but are not limited to:

- Engagement of consulting services as needed for:
 - Project design;
 - California Environmental Quality Act (CEQA) compliance;
 - Permitting;
- Management of consultants for the above;
- Approval of progress payments for consultants;
- Recommendation as to change orders for consultants;
- Payment of consultant invoices

IEUA will supply all personnel and equipment required to perform the assigned services.

4. WATERMASTER RESPONSIBILITIES

Watermaster agrees that it and its employees and consultants will cooperate with IEUA and its contractors in the performance of services under this Task Order and will provide any necessary documentation and information in Watermaster's possession.

5. BUDGET AND COST ALLOCATION

The total projected cost for the activities to be undertaken pursuant to this Task Order is four hundred twenty-four thousand three hundred dollars (\$424,300) unless the scope of

work is changed and an increase is authorized by the Parties ("Budget"). The Parties agree that Budget is shared 50-percent by both parties which is consistent with the methodology described in Section 8.1(b) of the Peace II Agreement. The Budget includes IEUA capital, administrative, and overhead expenses associated with IEUA's provision of the services described in Section 3, above. The Budget shall be allocated among the Parties as shown in the table below. The Parties shall budget, pursuant to their own budget mechanism, such that each is able to expend the amounts shown in the Fiscal Years shown in the table below.

Wineville POC	Fiscal Year 2014/15	Total
Watermaster	\$212,150	\$212,150
IEUA	\$212,150	\$212,150
Total	\$424,300	\$424,300

TOTAL BUDGETED COST

The Parties agree to pay their respective portion of the total costs, and the parties shall not be required to pay more than \$424,300 ("Total Budgeted Cost").

7. MAXIMUM COSTS TO WATERMASTER

The costs to be required of Watermaster under this Agreement shall not exceed its share of 50-percent of the Total Budgeted Cost, as shown in Section 5 above, or \$212,150.

8. MAXIMUM COSTS TO IEUA

The costs to be required of IEUA under this Agreement shall not exceed its share of 50-percent of the Total Budgeted Cost, as shown in Section 5 above, or \$212,150.

9. TERM

The project that is the subject of this Task Order has been underway since FY 12-13. The provisions of this Task Order shall apply to work undertaken on the project prior to its Effective Date, as described in Section 10, below. The terms of this Task Order shall remain effective until IEUA's receipt of Watermaster's share of costs expended pursuant to the Budget shown above, so that IEUA may close out the activities.

10. REIMBURSEMENT

Watermaster's reimbursement of IEUA for work performed under this Task Order shall be as provided in Article 3 of the July 24, 2014 Master Agreement.

11. EFFECTIVE DATE

This Task Order No. 6 will become effective upon execution by both Parties.

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

CHINO BASIN WATERMASTER

By

PETER KAVOUNAS General Manager

INLAND ENPIRE UTILITIES AGENCY

P. VOSEPH GRINDSTAFF

General Manager

FIRST AMENDMENT

to

TASK ORDER NO. 5

JURUPA PUMP STATION HVAC IMPROVEMENTS PROJECT

under the

MASTER AGREEMENT REGARDING THE MANAGEMENT OF COLLABORATIVE RECHARGE PROJECTS

between

INLAND EMPIRE UTILITIES AGENCY

and

CHINO BASIN WATERMASTER

This First Amendment to Task Order No. 5 is made and entered into as of the ___ day of May, 2017 by and between the Inland Empire Utilities Agency ("IEUA") and the Chino Basin Watermaster ("Watermaster") (each a "Party" and collectively, the "Parties").

RECITALS

- A. Task Order No. 5 for the Jurupa Pump Station HVAC Improvements Project ("Task Order") was approved by IEUA on August 20, 2014 and Watermaster on August 28, 2014.
- B. Section 9 of the Task Order states: "The terms of this Task Order shall remain effective until IEUA's receipt of Watermaster's share of costs expended pursuant to the Budget shown above, so that IEUA may close out the activities."
- C. The Jurupa Pump Station HVAC Improvements Project is complete. All obligations and responsibilities of IEUA and Watermaster, including payment obligations, described in the Task Order have been satisfied.
- D. IEUA and Watermaster wish to amend the Task Order to reflect the completion of the Jurupa Pump Station HVAC Improvements Project and thereby acknowledge mutual satisfaction of the Parties' obligations and responsibilities in the Task Order.

NOW THEREFORE IT IS AGREED TO AMEND THE TASK ORDER AS FOLLOWS:

1. Section 12 shall be added to the Task Order and will read as follows:

As of June 18, 2015, the Jurupa Pump Station HVAC Improvements Project contemplated in the Task Order was completed. The Parties acknowledge that all Watermaster and IEUA obligations and responsibilities created by the Task Order, including payment obligations, have been satisfied. The total cost for the Task Order was \$77,637.33, of which, pursuant to Sections 5, 6, 7 and 8 of the Task Order, Watermaster paid \$38,818.67 and IEUA paid \$38,818.67.

ALL OTHER PROVISIONS SHALL REMAIN UNCHANGED.

IN WITNESS WHEREOF, the Parties hereby have caused this Amendment to be entered into as of the day and year first above written.

INLAND EMPIRE UTILITIES AGENCY:	CHINO BASIN WATERMASTER:	
Joseph Grindstaff	Peter Kavounas	
General Manager	General Manager	

FIRST AMENDMENT

to

TASK ORDER NO. 6

WINEVILLE PROOF OF CONCEPT PROJECT

under the

MASTER AGREEMENT REGARDING THE MANAGEMENT OF COLLABORATIVE RECHARGE PROJECTS

between

INLAND EMPIRE UTILITIES AGENCY

and

CHINO BASIN WATERMASTER

This First Amendment to Task Order No. 6 is made and entered into as of the ___ day of May, 2017 by and between the Inland Empire Utilities Agency ("IEUA") and the Chino Basin Watermaster ("Watermaster") (each a "Party" and collectively, the "Parties").

RECITALS

- A. Task Order No. 6 for the Wineville Proof of Concept Project ("Task Order") was approved by IEUA on August 20, 2014 and Watermaster on August 28, 2014.
- B. Section 9 of the Task Order states: "The terms of this Task Order shall remain effective until IEUA's receipt of Watermaster's share of costs expended pursuant to the Budget shown above, so that IEUA may close out the activities."
- C. The Wineville Proof of Concept Project is complete. All obligations and responsibilities of IEUA and Watermaster, including payment obligations, described in the Task Order have been satisfied.
- D. IEUA and Watermaster wish to amend the Task Order to reflect the completion of the Wineville Proof of Concept Project and thereby acknowledge mutual satisfaction of the Parties' obligations and responsibilities in the Task Order.

NOW THEREFORE IT IS AGREED TO AMEND THE TASK ORDER AS FOLLOWS:

1. Section 12 shall be added to the Task Order and will read as follows:

As of January 14, 2015, the Wineville Proof of Concept Project contemplated in the Task Order was completed. The Parties acknowledge that all Watermaster and IEUA obligations and responsibilities created by the Task Order, including payment obligations, have been satisfied. The total cost for the Task Order was \$353,504.94, of which, pursuant to Sections 5, 6, 7 and 8 of the Task Order, Watermaster paid \$176,752.47 and IEUA paid \$176,752.47.

ALL OTHER PROVISIONS SHALL REMAIN UNCHANGED.

IN WITNESS WHEREOF, the Parties hereby have caused this Amendment to be entered into as of the day and year first above written.

INLAND EMPIRE UTILITIES AGENCY:	CHINO BASIN WATERMASTER:	
Joseph Grindstaff	Peter Kavounas	
General Manager	General Manager	

CHINO BASIN WATERMASTER

- I. CONSENT CALENDAR (App and Ag Pool)
 I. SECOND AMENDMENT TO TASK ORDER NO. 8 (SAN SEVAINE **BASIN RMPU IMPROVEMENT PROJECT)**
- I. **BUSINESS ITEM ROUTINE (Non-Ag Pool)**
 - SECOND AMENDMENT TO TASK ORDER NO. 8 (SAN SEVAINE **BASIN RMPU IMPROVEMENT PROJECT)**



CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.

General Manager

STAFF REPORT

DATE: May 11, 2017

TO: Pool Committee Members

SUBJECT: Second Amendment to Task Order No. 8 (San Sevaine Basin RMPU Improvement

Project) (Consent Calendar Item I.I.)

SUMMARY

<u>Issue</u>: Task Order No. 8 (San Sevaine Basin Improvement Project) needs to be amended to reflect the receipt of grant funding for the Project and adjust the reimbursement schedule of the costs to IEUA.

<u>Recommendation:</u> Recommend to Advisory Committee to recommend to the Board to approve the amended Task Order No. 8 (San Sevaine Basin Improvement Project).

<u>Financial Impact:</u> The Total Budget Cost to Watermaster would decrease from \$2,855,000 to \$2,667,500.

Future Consideration

Appropriative Pool- May 11, 2017: Recommend to Advisory Committee to recommend to the Watermaster Board to approve Non-Agricultural Pool- May 11, 2017: Recommend to Advisory Committee to recommend to the Watermaster Board to approve Agricultural Pool- May 11, 2017: Recommend to Advisory Committee to recommend to the Watermaster Board to approve Advisory Committee- May 18, 2017: Recommend to Watermaster Board to approve Watermaster Board- May 25, 2017: Approval (Upon Advisory Committee recommendation)

ACTIONS:

Appropriative Pool – May 11, 2017: Non-Agricultural Pool – May 11, 2017: Agricultural Pool – May 11, 2017: Advisory Committee – May 18, 2017: Watermaster Board – May 25, 2017:

BACKGROUND

The Chino Basin Watermaster (Watermaster) and the Inland Empire Utilities Agency (IEUA) are partners in many recharge related projects throughout the Basin. On July 24, 2014 Watermaster and IEUA entered into a Master Agreement regarding the Management of Collaborative Recharge Projects (Master Agreement). Pursuant to the Master Agreement, Watermaster and IEUA proposed to enter into project specific agreements for services, which are incorporated into the Master Agreement, describing the scope, budget, and schedule of the services to be performed, the respective cost share of each Party and any special conditions of performance and other information deemed necessary by the Parties (Task Orders).

Task Order 8 (Attachment 1) relates to the San Sevaine Basin RMPU Improvement Project (Project) which is on an accelerated track to take advantage of a grant secured from the Department of Water Resources through the Santa Ana Watershed Project Authority. Based on the results of the Preliminary Design Report (PDR), the Joint Projects Committee, now the Recharge Investigations and Projects Committee (RIPCom), made a recommendation to the Watermaster Board to increase the total project budget from \$3.5 Million to \$6.46 Million. The increase in cost was due a more complex scope of work. The PDR recommended for design and construction of a common piping system to convey both stormwater from Basin 5 and recycled water from IEUA's existing distribution system to Basins 1, 2, and 3, which recharge more efficiently than Basin 5. The final PDR also recommended a dual pump station in Basin 5 for operational reliability of stormwater conveyance to Basins 1, 2, and 3.

The modified project expects to provide an average of 669 acre-feet per year of stormwater and 4,100 acre-feet per year of recycled water groundwater recharge. The Board approved the increase by approving the First Amendment to Task Order No. 8 in April 2015. (Attachment 2)

DISCUSSION

In January of 2016, the Project was awarded \$375,000 federal grant from the US Bureau of Reclamation. Watermaster's share of the San Sevaine Basin RMPU Improvement Project costs decreased from \$2,855,000 to \$2,667,500 due to the receipt of this additional grant funding.

Staff recommends that the Second Amendment to Task Order No. 8 (Attachment 3) is approved to reflect all the updated costs associated with the project.

ATTACHMENTS

- 1. Task Order No. 8 (San Sevaine RMPU Improvement Project)
- 2. First Amendment to Task Order No. 8 (San Sevaine RMPU Improvement Project)
- 3. Second Amendment to Task Order No. 8 (San Sevaine RMPU Improvement Project)

MASTER AGREEMENT BETWEEN CHINO BASIN WATERMASTER AND INLAND EMPIRE UTILITIES AGENCY REGARDING THE MANAGEMENT OF COLLABORATIVE RECHARGE PROJECTS

TASK ORDER NO. 8 SAN SEVAINE BASIN RMPU IMPROVEMENT PROJECT

This Task Order is made and entered into as of the 28 day of August, 2014 by and between the Chino Basin Watermaster, hereinafter referred to as "Watermaster" and the Inland Empire Utilities Agency, hereinafter referred to as "IEUA" (each a "Party" and collectively, the "Parties").

In consideration of the mutual promises, covenants, and conditions as addressed in the Master Agreement dated July 24, 2014 and as specifically hereinafter set forth, the parties do hereby agree as follows:

1. PURPOSE

The purpose of this Task Order is to govern the project management, planning, permitting, bid/award of construction, design and the construction of the San Sevaine Basin RMPU Improvement Project (RMPU Project Identification - 7).

The purpose of the project is to evaluate and propose construction improvements, and to implement construction improvements needed to maximize infiltration and recharge at the San Sevaine Basins. Depending upon the evaluation, one or more of the following measures will be implemented: (1) construct a new stormwater/recycled water pump station and pipeline, (2) extend the existing RW pipeline, (3) re-grade and deepen basin, and (4) construct internal berms.

The basins consist of five, soft-bottomed basins along the San Sevaine Channel. The basins encompass approximately 93 acres with the potential to recharge up to 8,500 acre-feet per year (AFY) of recycled water (RW), storm water (SW) and imported water. The basins currently operate by delivering most flow to Basin No. 5, which has the lowest infiltration rate as compared to the other basins. This has limited current recharge to approximately 500 AFY.

2. SCOPE

The activities to be undertaken pursuant to this Task Order include project development to properly establish project's scope and schedule, preliminary design evaluation to define the extent of the upgrades of each site, design for the preparation of the construction plans and specifications for the upgrades, permitting and CEQA review for each site

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proposed for upgrades, bid/award of the construction contract to the lowest responsible/responsive bidder, and the construction of the improvements. The following is projected cost breakdown and schedule for each of the project phases:

<u>Phase</u>	<u>Start</u>	<u>Finish</u>	Projected Cost
Pre-design	10/1/2012	7/24/2014	\$252,300
Environmental Impact	6/26/2013	9/26/2014	\$32,200
Design	9/10/2014	6/18/2015	\$216,200
Permits	5/15/2013	12/22/2015	\$107,300
Bid and Award	7/6/2015	9/18/2015	\$11,600
Construction	12/23/2015	4/3/2017	\$2,930,400
		Total	\$3,550,000

3. <u>IEUA RESPONSIBILITIES</u>

IEUA agrees to provide project management and contract administration services that include, but are not limited to:

- Engagement of consulting services as needed for:
 - Preliminary design and Design Engineering services;
 - California Environmental Quality Act (CEQA) compliance and Permitting;
 - Bid and award efforts; and
 - Engineering support during construction
- Management of consultants for the above;
- Approval of progress payments for consultants;
- · Recommendation as to change orders for consultants; and
- Payment of consultant invoices

During construction IEUA agrees to provide construction management and contract administration services that include, but are not limited to:

- Engagement of Construction Contract services for:
 - Construction work to implement the upgrades
- Management of contractor for the above;
- Approval of progress payments for contractor;
- Recommendation as to change orders for contractor; and
- Payment of contractor invoices

IEUA will supply all personnel and equipment required to perform the assigned services.

4. WATERMASTER RESPONSIBILITIES

Watermaster agrees that it and its employees and consultants will cooperate with IEUA and its contractors in the performance of services under this Task Order and will provide any necessary documentation and information in Watermaster's possession.

5. BUDGET AND COST ALLOCATION

Unless the scope of work is changed and an increase is authorized by the Parties the budget for the activities to be undertaken pursuant to this Task Order is three million five hundred thousand dollars (\$3,550,000) ("Budget"), of which \$750,000 in grant funds are available for the Project. The Parties agree that Budget less the grant funds is shared 50-percent by both parties which is consistent with the methodology described in Section 8.1(b) of the Peace II Agreement. The Budget includes IEUA capital, administrative, and overhead expenses associated with IEUA's provision of the services described in Section 3, above. The Budget shall be allocated among the Parties as shown in the table below. The Parties shall budget, pursuant to their own budget mechanism, such that each is able to expend the amounts shown in the Fiscal Years shown in the table below.

San Sevaine Basin		Fiscal Year 2014/15		Fiscal Year 2016/17	Total
Watermaster	-	\$475,000	\$462,500	\$462,500	\$1,400,000
IEUA	\$63,000	\$412,000	\$462,500	\$462,500	\$1,400,000
Grant Funding	\$27,000	\$220,000	\$251,500	\$251,500	\$750,000
Total	\$90,000	\$1,107,000	\$1,176,500	\$1,176,500	\$3,550,000

6. TOTAL BUDGETED COST

The Parties agree to pay their respective portion of the Budget, less the \$750,000 of available grant funding. The parties shall not be required to pay more than \$2,800,000 ("Total Budgeted Cost").

7. MAXIMUM COSTS TO WATERMASTER

The costs to be required of Watermaster under this Agreement shall be the Total Budgeted Cost that is not paid with available \$750,000 grant money, or \$1,400,000.

8. MAXIMUM COSTS TO IEUA

The costs to be required of IEUA under this Agreement shall be the Total Budgeted Cost that is not paid with available \$750,000 grant money, or \$1,400,000.

9. TERM

Work to be undertaken pursuant to this Task order shall be initiated upon the Effective Date, as described in Section 11, below. The terms of this Task Order shall remain effective until IEUA's receipt of Watermaster's share of costs expended pursuant to the Budget shown above, so that IEUA may close out the activities.

10. REIMBURSEMENT

Watermaster's reimbursement of IEUA for work performed under this Task Order shall be as provided in Article 3 of the July 24, 2014 Master Agreement.

11. EFFECTIVE DATE

This Task Order No. 8 will become effective upon execution by both Parties.

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

CHINO BASIN WATERMASTER

Βv

PETER KAVOUNAS

General Manager

INLAND EMPRE UTILITIES AGENCY

PLIOSEPH GRINDSTAFF

General Manager

FIRST AMENDMENT

to

TASK ORDER NO. 8

SAN SEVAINE BASIN RMPU IMPROVEMENT PROJECT

under the

MASTER AGREEMENT REGARDING THE

MANAGEMENT OF COLLABORATIVE RECHARGE PROJECTS

between

INLAND EMPIRE UTILITIES AGENCY

and

CHINO BASIN WATERMASTER

This First Amendment to Task Order No. 8 is made and entered into as of the _____ day of April, 2015 by and between the Inland Empire Utilities Agency (IEUA) and the Chino Basin Watermaster (Watermaster) (each a "Party" and collectively, the "Parties").

RECITALS

- A. Task Order No. 8 for the San Sevaine Basin RMPU Improvement Project (the "Task Order") was approved by IEUA on August 20, 2014, and by Watermaster on August 28, 2014.
- B. The recommended design approach for the San Sevaine Basin RMPU Improvement Project ("Project") necessitates a change to the Project's total budget from \$3.55 million to \$6.46 million.
- C. IEUA and Watermaster wish to amend that Task Order to reflect the necessary budget increase and to adjust the reimbursement schedule under which Watermaster provides its share of the costs to IEUA.

NOW THEREFORE IT IS AGREED TO AMEND THE TASK ORDER AS FOLLOWS:

1. Section 2 of the Task Order titled SCOPE shall be amended to read:

The activities to be undertaken pursuant to this Task Order include project development to properly establish project's scope and schedule, preliminary design evaluation to define the extent of the upgrades of each site, design for the preparation of the construction plans and specifications for the upgrades, permitting and CEQA review for each site proposed for upgrades, bid/award of the construction contract to the lowest responsible/responsive bidder, and the construction of the improvements. The following is projected cost breakdown and schedule for each of the project phases:

<u>Phase</u>	Start	<u>Finish</u>	Projected Cost
Pre-design	10/1/2012	5/21/2015	\$200,000
Environmental Impact	6/26/2013	6/24/2015	\$32,200
Design	5/22/2015	1/6/2016	\$206,200
Permits	6/26/2013	1/6/2016	\$100,000
Bid and Award	1/7/2016	3/22/2016	\$11,600
Construction	3/23/2016	6/26/2017	\$5,910,000
		Total	\$6,460,000

2. Section 5 of the Task Order titled BUDGET AND COST ALLOCATION shall be amended to read:

Unless the scope of work is changed and an increase is authorized by the Parties the budget for the activities to be undertaken pursuant to this Task Order is three million five hundred thousand dollars (\$6,460,000) ("Budget"), of which \$750,000 in grant funds are available for the Project. The Parties agree that Budget less the grant funds is shared 50-percent by both parties which is consistent with the methodology described in Section 8.1(b) of the Peace II Agreement. The Budget includes IEUA capital, administrative, and overhead expenses associated with IEUA's provision of the services described in Section 3, above. The Budget shall be allocated among the Parties as shown in the table below. The Parties shall budget, pursuant to their own budget mechanism, such that each is able to expend the amounts shown in the Fiscal Years shown in the table below.

San Sevalne Basin	Fiscal Year 2013/14	Fiscal Year 2014/15	Fiscal Year 2015/16	Fiscal Year 2016/17	Total
Watermaster	1	\$475,000	\$1,126,900	\$1,253,100	\$2,855,000
IEUA	\$63,000	\$412,000	\$1,126,900	\$1,253,100	\$2,855,000
Grant Funding	\$27,000	\$220,000	\$251,500	\$251,500	\$750,000
Total	\$90,000	\$1,107,000	\$2,505,300	\$2,757,700	\$6,460,000

3. Section 6 of the Task Order titled TOTAL BUDGETED COST shall be amended to read:

The Parties agree to pay their respective portion of the Budget, less the \$750,000 of available grant funding. The parties shall not be required to pay more than \$5,710,000 ("Total Budgeted Cost").

4. Section 7 of the Task Order titled MAXIMUM COSTS TO WATERMASTER shall be amended to read:

The costs to be required of Watermaster under this Task Order shall be the Total Budgeted Cost that is not paid with available \$750,000 grant money, or \$2,855,000.

5. Section 8 of the Task Order titled MAXIMUM COSTS TO IEUA shall be amended to read:

The costs to be required of IEUA under this Task Order shall be the Total Budgeted Cost that is not paid with available \$750,000 grant money, or \$2,855,000.

ALL OTHER PROVISIONS SHALL REMAIN UNCHANGED.

IN WITNESS WHEREOF, the parties hereby have caused this Amendment to be entered into as of the day and year written above.

INLAND ENPIRE UTILITIES AGENCY:

Joseph Gkindstaff General Manager

CHINO BASIN WATERMASTER:

Peter Kavounas— General Manager

First Amendment Task Order No. 8 San Sevaine Basin RMPU Improvement Project THIS PAGE

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SECOND AMENDMENT

to

TASK ORDER NO. 8

SAN SEVAINE BASIN RMPU IMPROVEMENT PROJECT

under the

MASTER AGREEMENT REGARDING THE

MANAGEMENT OF COLLABORATIVE RECHARGE PROJECTS

between

INLAND EMPIRE UTILITIES AGENCY

and

CHINO BASIN WATERMASTER

This Second Amendment to Task Order No. 8 is made and entered into as of the day of May, 2017 by and between the Inland Empire Utilities Agency ("IEUA") and the Chino Basin Watermaster ("Watermaster") (each a "Party" and collectively, the "Parties").

RECITALS

- Task Order No. 8 ("Task Order") for the San Sevaine Basin RMPU Improvement Α. Project ("Project") was approved by IEUA on August 20, 2014 and Watermaster on August 28, 2014.
- The First Amendment to the Task Order was entered into by IEUA and В. Watermaster, effective April 1, 2015. The Task Order was amended to increase the total budget for the project to \$6,460,000.
- On September 4, 2015, IEUA received an executed \$750,000 grant award from the United States Department of the Interior's Bureau of Reclamation as part of the Bay Delta Restoration Program: CALFED Water Use Efficiency Grant. The grant was awarded toward the construction efforts of the Lower Day Basin Improvement Project and the Project. The projects will each receive \$325,000 of these grant funds.
- IEUA and Watermaster wish to amend the Task Order to reflect the receipt of grant funding for the Project and adjust the reimbursement schedule under which Watermaster will provide its share of the costs to IEUA.

NOW THEREFORE IT IS AGREED TO AMEND THE TASK ORDER AS FOLLOWS:

1. Section 5 of the Task Order titled BUDGET AND COST ALLOCATION shall be amended to read:

Unless the scope of work is changed and an increase is authorized by the Parties, the budget for the activities to be undertaken pursuant to this Task Order is six million four hundred sixty thousand dollars (\$6,460,000) ("Budget"), which includes \$750,000 in grant funding from the Department of Water Resources through the Santa Ana Watershed Project Authority as part of Proposition 84 and \$375,000 in grant funding from the United States Bureau of Reclamation. The Parties agree that responsibility for the Budget less the grant funds is shared 50-percent by both parties which is consistent with the methodology described in Section 8.1(b) of the Peace II Agreement, as there is a recycled water component to the Project. The Budget includes IEUA capital, administrative, and overhead expenses associated with IEUA's provision of the services described in Section 3 above. The Budget shall be allocated among the Parties as shown in the table below. The Parties shall budget, pursuant to their own budget mechanism, such that each is able to expend the amounts shown in the Fiscal Years shown in the table below.

San Sevaine Basin	Prior Fiscal Years (FY)	FY17/18	FY 18/19	FY 19/20	FY 20/21	Total
Watermaster	\$525,888	\$1,660,000	\$211,287	\$270,325	÷	\$2,667,500
IEUA	\$525,888	\$1,660,000	\$211,287	\$270,325	-	\$2,667,500
Grant Funding	\$0	\$1,000,000	\$125,000	\$0	\$0	\$1,125,000
Total	\$1,051,776	\$4,320,000	\$547,574	\$540,650	\$0	\$6,460,000

2. Section 6 of the Task Order titled TOTAL BUDGETED COST shall be amended to read:

The Parties agree to pay their respective portions of the Budget, less the \$1,125,000 of available grant funding. The Parties shall not be required to pay more than five million three hundred thirty-five thousand dollars (\$5,335,000) ("Total Budgeted Cost").

3. Section 7 of the Task Order titled MAXIMUM COSTS TO WATERMASTER shall be amended to read:

The costs to be required of Watermaster under this Task Order shall not exceed its share of the Total Budgeted Cost, as shown in Section 5 above, or \$2,667,500.

4. Section 8 of the Task Order titled MAXIMUM COSTS TO IEUA shall be amended to read:

The costs to be required of IEUA under this Task Order shall not exceed its share of the Total Budgeted Cost, as shown in Section 5 above, or \$2,667,500.

ALL OTHER PROVISIONS SHALL REMAIN UNCHANGED.

the day and year written above.	5 O1
INLAND EMPIRE UTILITIES AGENCY:	
Joseph Grindstaff General Manager	
CHINO BASIN WATERMASTER:	
Peter Kavounas	

General Manager

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CHINO BASIN WATERMASTER

- I. CONSENT CALENDAR (App and Ag Pool)
 - J. TASK ORDER NO. 9 UNDER MASTER AGREEMENT FOR COLLABORATIVE RECHARGE PROJECTS (RMPU IMPROVEMENT PROJECT 23a)
- I. **BUSINESS ITEM ROUTINE (Non-Ag Pool)**
 - J. TASK ORDER NO. 9 UNDER MASTER AGREEMENT FOR COLLABORATIVE RECHARGE PROJECTS (RMPU IMPROVEMENT PROJECT 23a)



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PETER KAVOUNAS, P.E. General Manager

STAFF REPORT

DATE:

May 11, 2017

TO:

Pool Committee Members

SUBJECT:

Task Order No. 9 Under the Master Agreement for Collaborative Recharge Projects

(RMPU Improvement Project 23a) (Consent Calendar Item I.J.)

SUMMARY

<u>Issue</u>: Removal of the selected Post-2014 Stormwater Projects from Task Order No. 1 to individual Task Orders to increase transparency with future costs and associated grant funding.

<u>Recommendation:</u> Recommend to Advisory Committee to recommend to the Board to approve Task Order No. 9, RMPU Improvement Project 23a (2013 RMPU proposed Wineville PS to Jurupa, expanded Jurupa PS to RP3 Basin and 2013 RP3 Improvements Project).

Financial Impact:

None for this Fiscal Year. The project's cost was captured in Task Order No. 1 (2013 Amendment Yield Enhancement Projects) and, if approved, will be moved to the new Task Order. Future costs are shown in the Budget and Cost Allocation Table in the Task Order.

Future Consideration

Appropriative Pool- May 11, 2017: Recommend to Advisory Committee to recommend to the Watermaster Board to approve Non-Agricultural Pool- May 11, 2017: Recommend to Advisory Committee to recommend to the Watermaster Board to approve Agricultural Pool- May 11, 2017: Recommend to Advisory Committee to recommend to the Watermaster Board to approve Advisory Committee- May 18, 2017: Recommend to Watermaster Board to approve Watermaster Board- May 25, 2017: Approval (Upon Advisory Committee recommendation)

ACTIONS:

Appropriative Pool – May 11, 2017: Non-Agricultural Pool – May 11, 2017: Agricultural Pool – May 11, 2017: Advisory Committee – May 18, 2017: Watermaster Board – May 25, 2017:

BACKGROUND

The Chino Basin Watermaster (Watermaster) and the Inland Empire Utilities Agency (IEUA) are partners in many recharge related projects throughout the Basin. On July 24, 2014 Watermaster and IEUA entered into a Master Agreement regarding the Management of Collaborative Recharge Projects ("Master Agreement"). Pursuant to the Master Agreement, Watermaster and IEUA proposed to enter into project specific agreements for services, which are incorporated into the Master Agreement, describing the scope, budget, and schedule of the services to be performed, the respective cost share of each Party and any special conditions of performance and other information deemed necessary by the Parties ("Task Orders").

DISCUSSION

In November 2016, the Watermaster Board approved the Post-2014 Stormwater Recharge Projects. The soft costs associated with the projects were captured in Task Order No. 1 along with other projects contemplated in the Recharge Master Plan Update (RMPU) but were deferred.

Staff recommends separating the projects selected to move forward from the deferred projects in order to be more transparent with future costs and associated grant funding, rather than having the totals blended as a group of projects.

Task Order No. 9 (Attachment 1) governs the costs associated with the 2013 RMPU Proposed Wineville Pump Station to Jurupa, Expanded Jurupa Pump Station to RP3 Basin, and 2013 RP3 Improvements (Project ID "PID" 23a). The proposed project consists of four major recharge improvements components, which, when completed, will divert and recharge an additional 2,921 AFY of stormwater and dry-weather runoff from the area and 2,905 AFY of recycled water from IEUA's distribution system. The following is an overview of the four project components of PID 23a:

- 1. Stormwater Distribution System Hydraulically connect Wineville, Jurupa, and RP3 Basins to effectively capture and store stormwater. Add a new pump station at Wineville, provide an additional pump at Jurupa, and lay over 2-miles of new conveyance pipe to provide stormwater conveyance from Wineville Basin to Jurupa Basin.
- 2. Wineville Basin Improvements Convert an existing flood control basin into a multipurpose use where new basin activities will include groundwater recharge of stormwater and dry-weather runoff. The conversion will include adding spillway gate structure to raise storage volume; gating existing outlet with motorized actuators, and regrade basin floor to effectively manage silts.
- 3. Jurupa Basin Improvements Improve Jurupa Basin's stormwater capture by replacing the existing diversion with a higher capacity diversion.
- 4. RP-3 Basin Improvements Increase conservation storage with added new RP3 Cell, and new pipes and gate to connect the new cell to stormwater. The project assumes the reduction hauling cost by 90% by working with local contractors/haulers to remove soil at no or low cost.

The Task Order includes all associated planning and development costs from Task Order No. 1 as well as the projected construction costs that have been discussed at Recharge Investigations and Projects Committee meetings. With a total project cost of \$16.4 million, and a recently secured grant of \$8.5 million, Watermaster's share is \$7.5 million.

ATTACHMENTS

 Task Order No. 9: 2013 RMPU Amendment Yield Enhancement Projects – Planning, Permitting and Design THIS PAGE
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MASTER AGREEMENT BETWEEN CHINO BASIN WATERMASTER AND INLAND EMPIRE UTILITIES AGENCY REGARDING THE MANAGEMENT OF COLLABORATIVE RECHARGE PROJECTS

TASK ORDER NO. 9 RMPU IMPROVEMENT PROJECT 23a

This Task Order is made and entered into as of the _____ day of May, 2017 by and between the Chino Basin Watermaster, hereinafter referred to as "Watermaster," and the Inland Empire Utilities Agency, hereinafter referred to as "IEUA" (each a "Party" and collectively, the "Parties").

In consideration of the mutual promises, covenants, and conditions as addressed in the Master Agreement dated July 24, 2014, as amended thereafter, and as specifically hereinafter set forth, the Parties do hereby agree as follows:

1. PURPOSE

The purpose of this Task Order is to govern the project management, planning, permitting, bid/award of construction, design and construction of the 2013 RMPU Proposed Wineville PS to Jurupa, Expanded Jurupa PS to RP3 Basin, and 2013 Proposed RP3 Improvements Project (RMPU Improvements Project ID 23a) ("Project").

The Project consists of four major recharge improvement components and, when completed, will divert and recharge an additional 2,921 acre-feet per year ("AFY") of stormwater and dry-weather runoff from the area and 2,905 AFY of recycled water from IEUA's distribution system. The following is an overview of the Project's four components:

- 1. Stormwater Distribution System Hydraulically connect the Wineville, Jurupa, and RP3 basins to effectively capture and store stormwater. Add a new pump station at Wineville, provide an additional pump at Jurupa, and lay over two miles of new conveyance pipe to provide stormwater conveyance from Wineville Basin to Jurupa Basin.
- 2. Wineville Basin Improvements Convert an existing flood control basin into a multipurpose recharge basin where new activities will include groundwater recharge of stormwater and dry-weather runoff. The conversion will include adding a spillway gate structure to raise storage volume, gating an existing outlet with motorized actuators, and re-grading the basin floor to effectively manage silts.
- 3. Jurupa Basin Improvements Improve Jurupa Basin's stormwater capture by replacing the existing diversion with a higher capacity diversion.

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Task Order No. 9
Project ID 23a of the RMPU Improvement Project

4. RP-3 Basin Improvements – Increase conservation storage by adding a new RP3 Cell, and new pipes and a gate to connect the new cell to stormwater. The project assumes the reduction of hauling costs by 90% by working with local contractors/haulers to remove soil at no or low cost.

On November 17, 2016, the Watermaster Board approved the "Post 2014 Stormwater Recharge Program" as part of the results and findings presented from the completed preliminary design report on the agreed upon 2013 RMPU projects. Under the "Post 2014 Stormwater Recharge Program," the Project was recommended for final design, bidding, and construction.

2. SCOPE

The activities to be undertaken pursuant to this Task Order include project development to properly establish the Project's scope and schedule, preliminary design evaluation to define the extent of the upgrades of each site, design for the preparation of the construction plans and specifications for the upgrades, permitting and California Environmental Quality Act ("CEQA") review for each site proposed for upgrades, bid/award of the construction contract to the lowest responsible/responsive bidder, and the construction of the basin upgrades. The following is the projected cost breakdown and schedule for each of the Project phases:

Phase	Start	Finish	Projected Cost
Project Development	07/01/14	12/17/14	\$14,600
Pre-Design	12/18/14	11/16/16	\$407,900
Environmental Impact	12/18/14	04/20/16	\$179,500
Permits	12/18/14	01/08/18	\$52,400
Design	06/22/17	03/12/18	\$1,372,500
Bid and Award	03/13/18	06/20/18	15,000
Construction	03/22/18	06/28/19	\$14,441,000
		Total	\$16,482,900

As of the date upon which the Parties enter into this Task Order, the Project development, pre-design and environmental impact phases of the Project have been completed and the Parties acknowledge that all funds for these phases have been expended and reimbursed, as applicable. The Task Order does not create any further rights or responsibilities for either of the Parties with respect to these phases of the Project.

3. IEUA RESPONSIBILITIES

IEUA agrees to provide Project management and contract administration services that include, but are not limited to:

- Engagement of consulting services as needed for:
 - Preliminary design and design engineering services;
 - CEQA compliance and permitting;
 - Bid and award efforts; and,
 - Engineering support during construction
- Management of consultants for the above;
- Approval of progress payments for consultants;
- Recommendations as to change orders for consultants; and,
- Payment of consultant invoices

During construction, IEUA agrees to provide construction management and contract administration services that include, but are not limited to:

- Engagement of construction contract services for:
 - Construction work to implement the upgrades
- Management of contractors for the above;
- Approval of progress payments for contractors;
- Recommendations as to change orders for contractors; and,
- Payment of contractor invoices

IEUA will supply all personnel and equipment required to perform the assigned services.

4. WATERMASTER RESPONSIBILITIES

Watermaster agrees that it and its employees and consultants will cooperate with IEUA and its contractors in the performance of services under this Task Order and will provide any necessary documentation and information in Watermaster's possession.

5. BUDGET AND COST ALLOCATION

Unless the scope of work is changed and an increase is authorized by the Parties, the budget for the activities to be undertaken pursuant to this Task Order is sixteen million four hundred eighty-two thousand nine hundred dollars (\$16,482,900) ("Budget"), of which

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\$8,541,450 is available in grant funds. The grant funds available for each phase of the Project are as follows:

Available Grants	Stormwater Distribution System	Wineville Basin	Jurupa Basin	RP-3 Basin	Total
State Water Resources Control Board - Storm Water Grant Program	\$5,192,120	\$1,895,530	\$741,730	\$412,070	\$8,241,450
United States Department of Interior Bureau of Reclamation – Drought Resiliency	-			\$300,000	\$300,000
Total	\$5,192,120	\$1,895,530	\$741,730	\$712,070	\$8,541,450

The Parties agree that the Budget less the grant funds is shared consistent with the methodology described in Peace II Agreement Section 8.1(b), and that IEUA's share of the costs is based on a 50% allocation of the costs of those portions of the project for which there is a recycled water component. The Budget includes IEUA capital, administrative, and overhead expenses associated with IEUA's provision of the services described in Section 3 above. The total budget allocation by Party and project component is as follows:

Project	Stormwater Distribution System	Wineville Basin	Jurupa Basin	RP-3 Basin	Total
Watermaster	\$4,792,080	\$1,692,470	\$682,270	\$387,315	\$7,554,135
IEUA	-		-	\$387,315	\$387,315
Grants	\$5,192,120	\$1,895,530	\$741,730	\$712,070	\$8,541,450
Total	\$9,984,200	\$3,588,000	\$1,424,000	\$1,486,700	\$16,482,900

The Parties shall budget, pursuant to their own budget mechanism, such that each is able to expend the amounts shown in the Fiscal Years shown in the table below.

PID 23a	Prior Fiscal Years (FY)	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Watermaster	\$903,553	\$953,803	\$1,663,701	\$3,968,249	\$64,829	\$7,554,135
IEUA	\$250,250	\$100,000	\$37,065	-	- T	\$387,315
SWRCB Grant	\$0	-	\$7,000,000	\$1,141,450	\$100,000	\$8,241,450
USBR Grant	\$0	\$100,000	\$200,000	-	ë	\$300,000
Total	\$1,153,803	\$1,153,803	\$8,900,766	\$5,109,699	\$164,829	\$16,482,900

6. TOTAL BUDGETED COST

The Parties agree to pay their respective portion of the Budget, less the available grant funding. The Parties shall not be required to pay more than \$7,941,450 ("Total Budgeted Cost").

7. MAXIMUM COSTS TO WATERMASTER

The costs to be required of Watermaster shall not exceed its share of the Total Budgeted Cost, as shown in Section 5 above, or \$7,554,135.

8. MAXIMUM COSTS TO IEUA

The costs to be required of IEUA shall not exceed its share of the Total Budgeted Cost, as shown in Section 5 above, or \$387,315.

9. TERM

The Project has been underway since FY 14-15. This Task Order shall not create any new responsibilities or obligations for either Party for phases of the Project completed prior to the entrance into this Task Order. The terms of this Task Order shall remain effective until IEUA's receipt of Watermaster's share of costs expended pursuant to the Budget shown above, so that IEUA may close out the activities.

10. REIMBURSEMENT

Watermaster's reimbursement of IEUA for work performed under this Task Order shall be as provided in Article 3 of the July 24, 2014 Master Agreement and as amended thereafter.

11. EFFECTIVE DATE

This Task Order No. 9 will be deemed effective as of August 28, 2014. The Task Order will apply retroactively and govern all work undertaken on the Project from August 28, 2014 until the Project is completed and this Task Order expires.

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

CHINO BASIN WATERMASTER

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Task Order No. 9
Project ID 23a of the RMPU Improvement Project

Ву			
	PETER KAVOUNAS		
	General Manager		
INLAN	D EMPIRE UTILITIES AGENCY	(
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	P. JOSEPH GRINDSTAFF		
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- I. CONSENT CALENDAR (App and Ag Pool)
 - K. TASK ORDER NO. 10 UNDER MASTER AGREEMENT FOR COLLABORATIVE RECHARGE PROJECTS (VICTORIA BASIN IMPROVEMENT PROJECT)
- I. BUSINESS ITEM ROUTINE (Non-Ag Pool)
 - K. TASK ORDER NO. 10 UNDER MASTER AGREEMENT FOR COLLABORATIVE RECHARGE PROJECTS (VICTORIA BASIN IMPROVEMENT PROJECT)



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

PETER KAVOUNAS, P.E.

General Manager

STAFF REPORT

DATE:

May 11, 2017

TO:

Pool Committee Members

SUBJECT:

Task Order No. 10 Under the Master Agreement for Collaborative Recharge Projects

(Victoria Basin Improvement Project) (Consent Calendar Item I.K.)

SUMMARY

<u>Issue</u>: Removal of the selected Post-2014 Stormwater Projects from Task Order No. 1 to individual Task Orders to increase transparency with future costs and associated grant funding.

<u>Recommendation:</u> Recommend to Advisory Committee to recommend to the Board to approve Task Order No. 10, Victoria Basin Improvement Project (PID 11).

Financial Impact:

None for this Fiscal Year. The project's cost was captured in Task Order No. 1 (2013 Amendment Yield Enhancement Projects) and, if approved, will be moved to the new Task Order. Future costs are shown in the Budget and Cost Allocation Table in the Task Order.

Future Consideration

Appropriative Pool- May 11, 2017: Recommend to Advisory Committee to recommend to the Watermaster Board to approve Non-Agricultural Pool- May 11, 2017: Recommend to Advisory Committee to recommend to the Watermaster Board to approve Agricultural Pool- May 11, 2017: Recommend to Advisory Committee to recommend to the Watermaster Board to approve Advisory Committee- May 18, 2017: Recommend to Watermaster Board to approve Watermaster Board- May 25, 2017: Approval (Upon Advisory Committee recommendation)

ACTIONS

Appropriative Pool – May 11, 2017: Non-Agricultural Pool – May 11, 2017: Agricultural Pool – May 11, 2017: Advisory Committee – May 18, 2017: Watermaster Board – May 25, 2017:

BACKGROUND

The Chino Basin Watermaster (Watermaster) and the Inland Empire Utilities Agency (IEUA) are partners in many recharge related projects throughout the Basin. On July 24, 2014 Watermaster and IEUA entered into a Master Agreement regarding the Management of Collaborative Recharge Projects ("Master Agreement"). Pursuant to the Master Agreement, Watermaster and IEUA proposed to enter into project specific agreements for services, which are incorporated into the Master Agreement, describing the scope, budget, and schedule of the services to be performed, the respective cost share of each Party and any special conditions of performance and other information deemed necessary by the Parties (Task Orders).

DISCUSSION

In November 2016, the Watermaster Board approved the Post-2014 Stormwater Recharge Projects. The soft costs associated with the projects were captured in Task Order No. 1 along with other projects contemplated in the Recharge Master Plan Update (RMPU) but were deferred.

Staff recommends separating the projects selected to move forward from the deferred projects in order to be more transparent with future costs and associated grant funding, rather than having the totals blended as a group of projects.

Task Order No. 10 (Attachment 1) will govern the costs associated with the Victoria Basin Improvement Project. The proposed project within the Victoria Basin is estimated to allow for recharge of an additional 75 AFY of stormwater and 120 AFY of additional recycled water. The improvement proposes the following improvements:

- 1. Raise the basin's storage capacity by modifying or abandoning an existing mid-level outlet
- 2. The raised storage capacity will require relocating the existing lysimeter access station to a higher elevation.

The Task Order includes all associated planning and development costs from Task Order No. 1 as well as the projected construction costs that have been discussed at Recharge Investigations and Projects Committee meetings. Watermaster's share of the costs is \$84,400 of the \$168,800 total project cost.

ATTACHMENTS

1. Task Order No. 10: Victoria Basin Improvement Project (PID 11)

MASTER AGREEMENT BETWEEN CHINO BASIN WATERMASTER AND INLAND EMPIRE UTILITIES AGENCY REGARDING THE MANAGEMENT OF COLLABORATIVE RECHARGE PROJECTS

TASK ORDER NO. 10 RMPU IMPROVEMENT PROJECT 11

This Task Order is made and entered into as of the ____ day of May, 2017 by and between the Chino Basin Watermaster, hereinafter referred to as "Watermaster," and the Inland Empire Utilities Agency, hereinafter referred to as "IEUA" (each a "Party" and collectively, the "Parties").

In consideration of the mutual promises, covenants, and conditions as addressed in the Master Agreement dated July 24, 2014, as amended thereafter, and as specifically hereinafter set forth, the Parties do hereby agree as follows:

1. PURPOSE

The purpose of this Task Order is to govern the project management, planning, permitting, bid/award of construction, design and construction of the Victoria Basin Improvement Project (RMPU Improvements Project ID 11) ("Project").

The Project is estimated to allow for recharge of an additional 75 acre-feet per year ("AFY") of storm water and an additional 120 AFY of recycled water. The Project proposes the following improvements:

- 1. Raise the basin's storage capacity by modifying or abandoning an existing mid-level outlet.
- 2. Relocating the existing lysimeter access station to a higher elevation.

On November 17, 2016, the Watermaster Board approved the "Post 2014 Stormwater Recharge Program" as part of the results and findings presented from the completed preliminary design report on the agreed upon 2013 RMPU projects. Under the "Post 2014 Stormwater Recharge Program," the Project was recommended for final design, bidding, and construction.

2. <u>SCOPE</u>

The activities to be undertaken pursuant to this Task Order include project development to properly establish the Project's scope and schedule, preliminary design evaluation to define the extent of the upgrades of each site, design for the preparation of the construction plans and specifications for the upgrades, permitting and California Environmental Quality Act

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Task Order No. 10 PID 11 of the RMPU Improvement Project 038350\0033\15567237.1

("CEQA") review for each site proposed for upgrades, bid/award of the construction contract to the lowest responsible/responsive bidder, and the construction of the basin upgrades. The following is the estimated projected cost breakdown and schedule for each of the Project phases:

Phase	Start	Finish	Projected Cost
Project Development	07/01/14	12/17/14	\$100
Pre-Design	12/18/14	11/16/16	\$3,400
Environmental Impact	12/18/14	04/20/16	\$1,500
Permits	12/18/14	01/08/18	\$800
Design	06/22/17	03/12/18	\$20,000
Bid and Award	03/13/18	06/20/18	\$700
Construction	03/22/18	06/28/19	\$142,300
	\$168,800		

As of the date upon which the Parties enter into this Task Order, the Project development, pre-design and environmental impact phases of the Project have been completed and the Parties acknowledge that all funds for these phases have been expended and reimbursed, as applicable. The Task Order does not create any further rights or responsibilities for either of the Parties with respect to these phases of the Project.

3. IEUA RESPONSIBILITIES

IEUA agrees to provide Project management and contract administration services that include, but are not limited to:

- Engagement of consulting services as needed for:
 - Preliminary design and design engineering services;
 - CEQA compliance and permitting;
 - Bid and award efforts; and,
 - Engineering support during construction
- Management of consultants for the above;
- Approval of progress payments for consultants;
- Recommendations as to change orders for consultants; and,
- Payment of consultant invoices

During construction, IEUA agrees to provide construction management and contract administration services that include, but are not limited to:

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- Engagement of construction contract services for:
 - Construction work to implement the upgrades
- Management of contractors for the above;
- Approval of progress payments for contractors;
- Recommendations as to change orders for contractors; and
- Payment of contractor invoices

IEUA will supply all personnel and equipment required to perform the assigned services.

4. WATERMASTER RESPONSIBILITIES

Watermaster agrees that it and its employees and consultants will cooperate with IEUA and its contractors in the performance of services under this Task Order and will provide any necessary documentation and information in Watermaster's possession.

5. BUDGET AND COST ALLOCATION

Unless the scope of work is changed and an increase is authorized by the Parties, the budget for the activities to be undertaken pursuant to this Task Order is one hundred sixty-eight thousand eight hundred dollars (\$168,800) ("Budget"). The Parties agree that these costs are shared consistent with the methodology described in Peace II Agreement Section 8.1(b), and that IEUA's share of the costs is based on a 50% allocation of the costs of those portions of the project for which there is a recycled water component. The Budget includes IEUA capital, administrative, and overhead expenses associated with IEUA's provision of the services described in Section 3 above. The Parties shall budget, pursuant to their own budget mechanism, such that each is able to expend the amounts shown in the Fiscal Years shown in the table below.

Victoria Basin	Prior Fiscal Years (FY)	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Watermaster	\$5,908	\$5,908	\$45,576	\$26,164	\$844	\$84,400
IEUA	\$5,908	\$5,908	\$45,576	\$26,164	\$844	\$84,400
Total	\$11,816	\$11,816	\$91,152	\$52,328	\$1,688	\$168,800

TOTAL BUDGETED COST

The Parties agree to pay their respective portion of the Budget. The Parties shall not be required to pay more than \$168,800 ("Total Budgeted Cost").

7. <u>MAXIMUM COSTS TO WATERMASTER</u>

The costs to be required of Watermaster shall not exceed its share of the Total Budgeted Cost, as shown in Section 5 above, or \$84,400.

8. MAXIMUM COSTS TO IEUA

The costs to be required of IEUA shall not exceed its share of the Total Budgeted Cost, as shown in Section 5 above, or \$84,400.

9. TERM

The Project has been underway since FY 14-15. This Task Order shall not create any new responsibilities or obligations for either Party for phases of the Project completed prior to the entrance into this Task Order. The terms of this Task Order shall remain effective until IEUA's receipt of Watermaster's share of costs expended pursuant to the Budget shown above, so that IEUA may close out the activities.

10. REIMBURSEMENT

Watermaster's reimbursement of IEUA for work performed under this Task Order shall be as provided in Article 3 of the July 24, 2014 Master Agreement and as amended thereafter.

11. EFFECTIVE DATE

This Task Order No. 10 will be deemed effective as of August 28, 2014. The Task Order will apply retroactively and govern all work undertaken on the Project from August 28, 2014 until the Project is completed and this Task Order expires.

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

INLAND EMPIRE UTILITIES AGENCY

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Task Order No. 10
PID 11 of the RMPU Improvement Project 038350\0033\15567237.1

Ву _		
	P. JOSEPH GRINDSTAFF	
	General Manager	

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II. **BUSINESS ITEMS**

B. TASK ORDER NO. 11 UNDER MASTER AGREEMENT FOR COLLABORATIVE RECHARGE PROJECTS (MONTCLAIR BASIN IMPROVEMENT PROJECT)



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

PETER KAVOUNAS, P.E.

General Manager

STAFF REPORT

DATE:

May 11, 2017

TO:

Pool Committee Members

SUBJECT:

Task Order No. 11 Under the Master Agreement for Collaborative Recharge Projects

(Montclair Improvement Project) (Business Item II.B.)

SUMMARY

<u>Issue</u>: Removal of the selected Post-2014 Stormwater Projects from Task Order No. 1 to individual Task Orders to increase transparency with future costs and associated grant funding.

Recommendation: Recommend to Advisory Committee to recommend to the Board to approve Task Order No. 11, Montclair Basins Improvement Project (PID 2)

Financial Impact:

None for this Fiscal Year. The project's cost was captured in Task Order No. 1 (2013 Amendment Yield Enhancement Projects) and, if approved, will be moved to the new Task Order. Future costs are shown in the Budget and Cost Allocation Table in the Task Order.

Future Consideration

Appropriative Pool- May 11, 2017: Recommend to Advisory Committee to recommend to the Watermaster Board to approve Non-Agricultural Pool- May 11, 2017: Recommend to Advisory Committee to recommend to the Watermaster Board to approve Agricultural Pool- May 11, 2017: Recommend to Advisory Committee to recommend to the Watermaster Board to approve Advisory Committee- May 18, 2017: Recommend to Watermaster Board to approve Watermaster Board- May 25, 2017: Approval (Upon Advisory Committee recommendation)

ACTIONS:

Appropriative Pool – May 11, 2017: Non-Agricultural Pool – May 11, 2017: Agricultural Pool – May 11, 2017: Advisory Committee – May 18, 2017: Watermaster Board – May 25, 2017:

BACKGROUND

The Chino Basin Watermaster (Watermaster) and the Inland Empire Utilities Agency (IEUA) are partners in many recharge related projects throughout the Basin. On July 24, 2014 Watermaster and IEUA entered into a Master Agreement regarding the Management of Collaborative Recharge Projects ("Master Agreement"). Pursuant to the Master Agreement, Watermaster and IEUA proposed to enter into project specific agreements for services, which are incorporated into the Master Agreement, describing the scope, budget, and schedule of the services to be performed, the respective cost share of each Party and any special conditions of performance and other information deemed necessary by the Parties (Task Orders).

DISCUSSION

In November 2016, the Watermaster Board approved the Post-2014 Stormwater Recharge Projects. The soft costs associated with the projects were captured in Task Order No. 1 along with other projects contemplated in the Recharge Master Plan Update (RMPU) but were deferred.

Staff recommends separating the projects selected to move forward from the deferred projects in order to be more transparent with future costs and associated grant funding, rather than having the totals blended into the group of projects. Task Order No. 11 (Attachment 1) will govern the costs associated with the Montclair Basins Improvement Project.

The proposed project is estimated to allow for recharge of an additional 96 acre-feet per year of storm water. The Project proposes the following improvements:

- 1. Increase the flow rate capture of stormwater from San Antonio Creek by installing two additional diversion structures within the channel for Montclair's Basins 2 and 3.
- The added structures will require electrical controls to remotely monitor and operate the new diversions.

Although the scope of work remains the same, the amount of increased stormwater capture has decreased from 233 acre-feet to 96 acre-feet from the time PID 2 was approved to move forward in November 2016. In January 2017, Chino Basin Water Conservation District, the owner of the basins, suggested that an operational change be made along the basin which resulted in stormwater capture being prioritized at the College Heights Basins further up the San Antonio Channel resulting in the decrease. The updated stormwater recharge unit cost \$1,281 per acre-foot, however this only raises the current melded unit cost of the approved projects from \$380 to \$390 per acre-foot. In April 2017, the Watermaster Pools were given a presentation to inform them of the change of stormwater yield and to consider approval of the project by approving this new Task Order.

The Task Order includes all associated planning and development costs from Task Order No. 1 as well as the projected construction costs that have been discussed at Recharge Investigations and Projects Committee meetings. The total project cost is \$1.8 Million.

ATTACHMENTS

1. Task Order No. 11: Montclair Basins Improvement Project (PID 2)

MASTER AGREEMENT BETWEEN CHINO BASIN WATERMASTER AND INLAND EMPIRE UTILITIES AGENCY REGARDING THE MANAGEMENT OF COLLABORATIVE RECHARGE PROJECTS

TASK ORDER NO. 11 RMPU IMPROVEMENT PROJECT 2

This Task Order is made and entered into as of the _____ day of May, 2017 by and between the Chino Basin Watermaster, hereinafter referred to as "Watermaster," and the Inland Empire Utilities Agency, hereinafter referred to as "IEUA" (each a "Party" and collectively, the "Parties").

In consideration of the mutual promises, covenants, and conditions as addressed in the Master Agreement dated July 24, 2014, as amended thereafter, and as specifically hereinafter set forth, the Parties do hereby agree as follows:

1. PURPOSE

The purpose of this Task Order is to govern the project management, planning, permitting, bid/award of construction, design and construction of the Montclair Basins Improvement Project (RMPU Improvement Project ID 2) ("Project").

The Project is estimated to allow for recharge of an additional 96 acre-feet per year ("AFY") of storm water. The Project proposes the following improvements:

- 1. Increase the flow rate capture of stormwater from San Antonio Creek by installing two additional diversion structures within the channel for Montclair's Basins 2 and 3.
- 2. The added structures will require electrical controls to remotely monitor and operate the new diversions.

On November 17, 2016, the Watermaster Board approved the "Post 2014 Stormwater Recharge Program" as part of the results and findings presented from the completed preliminary design report on the agreed upon 2013 RMPU projects. Under the "Post 2014 Stormwater Recharge Program," the Project was recommended for final design, bidding, and construction.

2. SCOPE

The activities to be undertaken pursuant to this Task Order include project development to properly establish the Project's scope and schedule, preliminary design evaluation to define the extent of the upgrades of each site, design for the preparation of the construction plans

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Task Order No. 11 PID 2 of the RMPU Improvement Project 038350\0033\15567238.2 and specifications for the upgrades, permitting and California Environmental Quality Act ("CEQA") review for each site proposed for upgrades, bid/award of the construction contract to the lowest responsible/responsive bidder, and the construction of the basin upgrades. The following is the estimated projected cost breakdown and schedule for each of the Project phases:

Phase	Start	Finish	Projected Cost
Project Development	07/01/14	12/17/14	\$1,300
Pre-Design	12/18/14	11/16/16	\$35,800
Environmental Impact	12/18/14	04/20/16	\$15,900
Permits	12/18/14	01/08/18	\$6,000
Design	06/22/17	03/12/18	\$162,100
Bid and Award	03/13/18	06/20/18	\$7,800
Construction	03/22/18	06/28/19	\$1,559,200
p a	3452004	Total	\$1,788,100

As of the date upon which the Parties enter into this Task Order, the Project development, pre-design and environmental impact phases of the Project have been completed and the Parties acknowledge that all funds for these phases have been expended and reimbursed, as applicable. The Task Order does not create any further rights or responsibilities for either of the Parties with respect to these phases of the Project.

3. IEUA RESPONSIBILITIES

IEUA agrees to provide project management and contract administration services that include, but are not limited to:

- Engagement of consulting services as needed for:
 - Preliminary design and design engineering services;
 - CEQA compliance and permitting;
 - Bid and award efforts; and,
 - Engineering support during construction
- Management of consultants for the above;
- Approval of progress payments for consultants;
- Recommendations as to change orders for consultants; and,
- Payment of consultant invoices

During construction, IEUA agrees to provide construction management and contract

administration services that include, but are not limited to:

- Engagement of construction contract services for:
 - Construction work to implement the upgrades
- Management of contractors for the above;
- Approval of progress payments for contractors;
- Recommendations as to change orders for contractors; and,
- Payment of contractor invoices

IEUA will supply all personnel and equipment required to perform the assigned services.

4. WATERMASTER RESPONSIBILITIES

Watermaster agrees that it and its employees and consultants will cooperate with IEUA and its contractors in the performance of services under this Task Order and will provide any necessary documentation and information in Watermaster's possession.

5. BUDGET AND COST ALLOCATION

Unless the scope of work is changed and an increase is authorized by the Parties, the budget for the activities to be undertaken pursuant to this Task Order is one million seven hundred eighty-eight thousand one hundred dollars (\$1,788,100) ("Budget"). The Parties agree that these costs are shared consistent with the methodology described in Peace II Agreement Section 8.1(b), and that IEUA's share of the costs is based on a 50% allocation of the costs of those portions of the Project for which there is a recycled water component. The Budget includes IEUA capital, administrative, and overhead expenses associated with IEUA's provision of the services described in Section 3 above. The Parties shall budget, pursuant to their own budget mechanism, such that each is able to expend the amounts shown in the Fiscal Years shown in the table below.

Montclair Basin	Prior Fiscal Years (FY)	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Total
Watermaster	\$125,167	\$125,167	\$965,574	\$554,311	\$17,881	\$1,788,100
IEUA	\$0	-		-	-	\$0
Total	\$125,167	\$125,167	\$965,574	\$554,311	\$17,881	\$1,788,100

6. TOTAL BUDGETED COST

The Parties agree to pay their respective portion of the Budget. The Parties shall not be required to pay more than \$1,788,100 ("Total Budgeted Cost").

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7. MAXIMUM COSTS TO WATERMASTER

The costs to be required of Watermaster shall not exceed its share of the Total Budgeted Cost, as shown in Section 5 above, or \$1,788,100.

8. MAXIMUM COSTS TO IEUA

There are no costs to be required of IEUA under this Agreement.

9. TERM

The Project has been underway since FY 14-15. This Task Order shall not create any new responsibilities or obligations for either Party for phases of the Project completed prior to the entrance into this Task Order. The terms of this Task Order shall remain effective until IEUA's receipt of Watermaster's share of costs expended pursuant to the Budget shown above, so that IEUA may close out the activities.

10. <u>REIMBURSEMENT</u>

Watermaster's reimbursement of IEUA for work performed under this Task Order shall be as provided in Article 3 of the July 24, 2014 Master Agreement and as amended thereafter.

11. EFFECTIVE DATE

This Task Order No. 11 will be deemed effective as of August 28, 2014. The Task Order will apply retroactively and govern all work undertaken on the Project from August 28, 2014 until the Project is completed and this Task Order expires.

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

CHINO BASIN WATERMASTER

By ______

PETER KAVOUNAS
General Manager

INLAND EMPIRE UTILITIES AGENCY

P. JOSEPH GRINDSTAFF General Manager

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II. BUSINESS ITEMS

C. FISCAL YEAR 2016/17 BUDGET AMENDMENT (FORM A-17-04-01)



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

PETER KAVOUNAS, P.E.

General Manager

STAFF REPORT

DATE:

May 11, 2017

TO:

Pool Committee Members

SUBJECT:

Budget Amendment Form A-17-04-01 (Business Item II.C.)

SUMMARY

<u>Issue</u>: As a result of the CalPERS Personnel Matter regarding Alvarez and the ongoing Safe Yield Redetermination and Reset process, the FY 2016/17 budget for legal services from Brownstein Hyatt Farber Schreck is underfunded by an estimated \$100,000. The Watermaster FY 2016/17 "Amended" budget needs to be increased by an additional \$100,000.

Recommendation: Recommend Advisory Committee approve the Budget Amendment Form A-17-04-01 for FY 2016/17 in the amount of \$100,000 for the increased cost associated with the CalPERS Personnel Matter regarding Alvarez and the Safe Yield Redetermination and Reset, as presented.

<u>Financial Impact</u>: This action will increase the overall "Amended" FY 2016/17 budget by \$100,000 but not increase the assessment calculation because the funding will be drawn from the Administrative and OBMP Reserves. The Budget Amendment Form A-17-04-01 will increase the Amended" FY 2016/17 Budget from \$10,493,469 to \$10,593,469 (excluding any Carry-Over funding).

Future Consideration

Appropriative Pool – May 11, 2017: Recommend Advisory Committee approval Non-Agricultural Pool – May 11, 2017: Recommend Advisory Committee approval Agricultural Pool – May 11, 2017: Recommend Advisory Committee approval Advisory Committee – May 18, 2017: Approval Watermaster Board – May 25, 2017: Adoption (Advisory Committee approval required)

<u> ACTIONS:</u>

Appropriative Pool – May 11, 2017: Non-Agricultural Pool – May 11, 2017: Agricultural Pool – May 11, 2017: Advisory Committee – May 18, 2017: Watermaster Board – May 25, 2017:

BACKGROUND

Utilizing the Watermaster's accounting software (QuickBooks Enterprise Solutions 17.0), on a continuing basis the Watermaster staff reviews the budget vs. actual reports and ensures that adequate budget and funds are maintained. Watermaster also provides monthly financial reports to keep all members apprised of the actual and projected total expenses for the current fiscal year. Watermaster also provides a process for reallocating budget to other expense categories to provide continued funding, or amending the approved budget to ensure the categories are funded properly.

Budget Amendment Policy: If there are no budgeted funds available to transfer to the line item, the GM will submit a Budget Amendment request to the Pools, Advisory Committee, and then to the Board for formal approval. The Budget Amendment should indicate the anticipated source of funding for the approved increase.

All Budget Amendments are processed in and recorded in the accounting system.

DISCUSSION

During the creation and development of the FY 2016/17 budget, Brownstein Hyatt Farber Schreck estimated the cost of the Safe Yield and Redetermination Reset by assuming the number of estimated hours needed to complete the task multiplied by the hourly rate. The 12-month annual legal budget for the Safe Yield Redetermination and Reset category was approved at an amount of \$68,600 and the approved BHFS legal budget anticipated 160 labor hours for consolidated legal staff time with regards to the Safe Yield Redetermination and Reset effort.

Brownstein Hyatt Farber Schreck estimated the cost of Personnel Matters by assuming the number of estimated hours needed to complete the task multiplied by the hourly rate. The 12-month annual legal budget for Personnel Matters category was approved at an amount of \$35,000 and the approved BHFS legal budget anticipated 80 labor hours for consolidated legal staff time with regards to Personnel Matters.

In February 2017, the FY 2016/17 Mid-Year Review was provided to the Pools, Advisory Committee and Watermaster Board. As discussed during the FY 2016/17 Mid-Year Review, a Budget Amendment Form would be required if the Safe Yield Redetermination and Reset expenses and CalPERS Matter regarding Alvarez continued. During the presentation and discussion, it was reported that the legal services was projected to be over budget by approximately \$100,000. The Alvarez issue was finalized during February 2017, however the Safe Yield matter continued until the April 28, 2017 court date. As of the closing of the March 31, 2017 financials, the legal service expenses total \$742,200 with a FY 2016/17 budget balance available for the remaining three months of \$129,226 (\$871,426 - \$742,200 = \$129,266). The remaining balance of \$129,226 will not be sufficient for the remainder of the fiscal year.

The FY 2016/17 approved budget provided for an Administrative and OBMP Reserve Fund. The Administrative Reserve Fund is \$193,878 and the OBMP Reserve Fund is \$766,482 for a total Reserve Fund Balance of \$960,360. The Budget Amendment Form A-17-04-01 would draw \$100,000 of funding from the FY 2016/17 Reserve Fund with \$75,000 coming from the Administrative Reserve Fund and \$25,000 coming from the OBMP Reserve Fund.

The Chino Basin Watermaster "Original" FY 2016/17 budget of \$10,493,469 was approved by the Board on May 26, 2016. With the closing of the financial records for the fiscal year ended June 30, 2016, the "Carry Over" funding from FY 2015/16 and previous years has been calculated at \$2,630,337.45 which brings the "Amended" Budget for FY 2016/17 to \$13,123,806.45. With the approval of Budget Amendment Form A-17-04-01, the "Amended" FY 2016/17 budget will become \$13,223,806.45.

ATTACHMENTS

1. Budget Amendment Form A-17-04-01



CHINO BASIN WATERMASTER BUDGET AMENDMENT FORM A-17-04-01

in Basin Managerit					
To: All Parties			F	iscal Year	2016/17
From:	Joseph S. Joswiak, CF	O Date: _		May 11, 2017	
legal services budget v \$68,600 and Personne Redetermination and F overall legal services be end June 30, 2017. Th Amendment Form is p \$10,593,469 (excluding the Administrative Res	the budget amendment with Brownstein Hyatt Fall Matters was approved Reset issues, and the Call Description of the Earl BHFS legal services the roposed to increase the grany Carry-Over fundingerve Fund and OBMP Fall Berve Funds have been to the serve Funds have been to the server fund	arber Schreck (If at \$35,000. As alPERS person to over budget by for FY 2016/17 total Watermand ang). The addition Reserve Fund.	BHFS) was of a result of the nel matter regardance was budgeted at the nel funding of There will be	riginally appro e ongoing Saf garding Alvare bly \$100,000 a d at \$871,426. om \$10,493,4 \$100,000 is to no special ass	ved at fe Yield z, the t fiscal year- A Budget 69 to come from
Expenditure An	nendment				
Line Item Description		Account Number	Original Budget	Amended Budget	Amendment Amount
BHFS Legal - Personn	el Matters	6073	\$35,000	\$110,000	\$75,000
Safe Yield Recalculation	on	6907.42	\$68,600	\$93,600	\$25,000
					_
				TOTAL:	\$ 100,000
Revenue Sourc	e	T			r
ine Item Description		Account Number	Original Budget	Amended Budget	Amendment Amount
Administrative Reserve		1			
	Fund	9999	\$193,878	\$118,878	(\$75,000)
OBMP Reserve Fund	e Fund	9999 9999		\$118,878 \$741,482	(\$75,000) (\$25,000)
	e Fund	 	\$193,878	1 ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	(\$75,000) (\$25,000) \$(100,000)
OBMP Reserve Fund	ment Procedure	9999	\$193,878 \$766,482	\$741,482 TOTAL :	(\$25,000) \$(100,000)
OBMP Reserve Fund		9999	\$193,878 \$766,482	\$741,482 TOTAL: Finance Use Or	(\$25,000) \$(100,000)
OBMP Reserve Fund Amend 1. Staff takes amendment requapproval.	ment Procedure	9999 ommittee & Board for	\$193,878 \$766,482 Date Board	\$741,482 TOTAL: Finance Use Or	(\$25,000) \$(100,000)
OBMP Reserve Fund Amend 1. Staff takes amendment requapproval. 2. The Chief Financial Officer will	ment Procedure uests to the Pools, Advisory Co	9999 mmittee & Board for	\$193,878 \$766,482 Date Board A	\$741,482 TOTAL: Finance Use Or Approved System By	(\$25,000) \$(100,000)
OBMP Reserve Fund Amend 1. Staff takes amendment requapproval. 2. The Chief Financial Officer will 4. A log will be maintained by the	ment Procedure Jests to the Pools, Advisory Co prepare and process the budget er	9999 mmittee & Board for ntry. adjustment.	\$193,878 \$766,482 Date Board A Entered into Finance Log	\$741,482 TOTAL: Finance Use On Approved System By #	(\$25,000) \$(100,000)
OBMP Reserve Fund Amend 1. Staff takes amendment requapproval. 2. The Chief Financial Officer will 4. A log will be maintained by the	ment Procedure Juests to the Pools, Advisory Co prepare and process the budget er Finance Department detailing the a	9999 mmittee & Board for ntry. adjustment.	\$193,878 \$766,482 Date Board A Entered into Finance Log Date Posted	\$741,482 TOTAL: Finance Use On Approved System By #	(\$25,000) \$(100,000)
OBMP Reserve Fund Amend 1. Staff takes amendment requapproval. 2. The Chief Financial Officer will 4. A log will be maintained by the	ment Procedure Juests to the Pools, Advisory Co prepare and process the budget er Finance Department detailing the a	9999 mmittee & Board for ntry. adjustment.	\$193,878 \$766,482 Date Board A Entered into Finance Log Date Posted Approved By	\$741,482 TOTAL: Finance Use On Approved System By #	(\$25,000) \$(100,000)
OBMP Reserve Fund Amend 1. Staff takes amendment requapproval. 2. The Chief Financial Officer will 4. A log will be maintained by the	ment Procedure Juests to the Pools, Advisory Co prepare and process the budget er Finance Department detailing the a	9999 mmittee & Board for ntry. adjustment.	\$193,878 \$766,482 Date Board A Entered into Finance Log Date Posted	\$741,482 TOTAL: Finance Use On Approved System By #	(\$25,000) \$(100,000)

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II. BUSINESS ITEMS

D. RESOLUTION TO LEVY DESALTER REPLENISHMENT
ASSESSMENTS FOR PRODUCTION YEAR 2013/14 (BASED ON
ASSESSMENT PACKAGE FOR PRODUCTION YEAR 2013/14)



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

PETER KAVOUNAS, P.E. General Manager

STAFF REPORT

DATE:

May 11, 2017

TO:

Pool Committee Members

SUBJECT:

Resolution to Levy Desalter Replenishment Assessments for Production Year 2013/14

(Based on Assessment Package for Production Year 2013/14) - (Business Item II.D.)

SUMMARY

<u>Issue</u>: A resolution is required for the Chino Basin Watermaster to levy Desalter Replenishment assessments for Production Year 2013/14.

Recommendation: Review Resolution 2017-05 as presented, and offer advice to Watermaster.

<u>Financial Impact:</u> Collection of the assessments creates the funds that are used for buying replenishment water from unmet Desalter Replenishment Obligation in Production Year 2013/14.

Future Consideration

Appropriative Pool – May 11, 2017: Advice Non-Agricultural Pool – May 11, 2017: Advice Agricultural Pool – May 11, 2017: Advice Advisory Committee – May 18, 2017: Advice

Watermaster Board - May 25, 2017: Approval [Function related to administration of the Pool Committees]

ACTIONS:

May 11, 2017 - Appropriative Pool -

May 11, 2017- Non-Agricultural Pool -

May 11, 2017- Agricultural Pool -

May 18, 2017 - Advisory Committee -

May 25, 2017-Watermaster Board -

BACKGROUND

Due to the pending Safe Yield Reset decision from the Court, Chino Basin Watermaster did not levy assessments for Desalter Replenishment Obligations for the Production Years 2013/14, 2014/15 and 2015/16. For Production Year 2013/14 there is an unmet Desalter Replenishment Obligation of 27,940 ac-ft

Watermaster is endowed with powers to levy and collect administrative, special project, and replenishment assessments necessary to maintain water levels and to cover the cost of administering the Chino Basin Restated Judgment. Pursuant to the Restated Judgment, each party has thirty days from the date of invoice to remit the amount of payment for assessments due. After that date, interest will accrue on that portion which was due as provided for in Section 55(c) of the Restated Judgment.

DISCUSSION

For Production Year 2013/14, there is an unmet Desalter Replenishment Obligation of 27,940 acre-feet that has not been levied due to the pending Safe Yield Reset disposition from the Court. After the Court's disposition on April 28, 2017, which does not mandate any changes to the approved Assessment Package for Production Year 2013/14, Watermaster is required to levy assessments for unmet Desalter Replenishment Obligation for that year.

The total Desalter Replenishment Obligation that needs to be assessed has been calculated based on the approved Assessment Package (approved November 25, 2014). Parties will have the opportunity to utilize water purchased pre-emptively for replenishment, or transfer water from their Storage Accounts to meet their Desalter Replenishment Obligation. Parties also have the option to pay Watermaster to purchase water on their behalf to meet the obligation.

If Resolution 2017-05 is approved by the Watermaster Board in May 2017, supplemental Water Activity Reports will be issued in late May to determine each party's preference on how to meet the obligation. Subsequently, if necessary, invoices will be mailed and assessments will be due 30 days later. Watermaster invites the Pools to offer any advice on the matter, as this is the first time Desalter Replenishment is being levied.

Desalter Replenishment Obligation and other aspects of the approved Production Years 2014/15 and 2015/16 Assessment Packages need to be re-evaluated in light of the April 28, 2017 Court Order on Safe Yield Recalculation. When the re-evaluation is completed Watermaster will re-issue those Assessment Packages for approval, and will then proceed to assess for all obligations appropriately.

ATTACHMENTS

1. Resolution 2017-05: A resolution of the Chino Basin Watermaster levying Desalter Replenishment assessments for Production Year 2013/2014

RESOLUTION 2017-05

A RESOLUTION OF THE CHINO BASIN WATERMASTER LEVYING DESALTER REPLENISHMENT ASSESSMENTS FOR PRODUCTION YEAR 2013-2014

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

WHEREAS, the Watermaster has an obligation to collect assessments for unmet Desalter Replenishment Obligation.

WHEREAS, the Appropriative Pool parties named in this Judgment have the obligation to replenish for 27,940 acre-feet of water pumped by the Chino Basin Desalter Authority, in accordance with the assessment formula for the Pool.

WHEREAS, the Appropriative Pool parties will have the opportunity to meet such obligation by transferring water from their respective Storage Accounts.

NOW, THEREFORE, BE IT RESOLVED that the Chino Basin Watermaster levies the respective assessments for each pool effective May 25, 2017 as shown on Exhibit "A" attached hereto.

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

ADOPTED by the Chino Basin Watermaster Board on this 25th day of May, 2017.

APPRO	OVED.
Ву:	Board Chair Chino Basin Watermaster
ATTES	T:
Ву:	
•	Board Secretary/Treasurer
	Chino Basin Watermaster

Exhibit "A"

Resolution 2016-09

Summary of Assessments Fiscal Year 2016-2017 Production Year 2013-2014

- 1. APPROPRIATIVE POOL
 - a. Administration
 - 1. Desalter Replenishment Obligation

27,940 AF12

¹ Parties may choose to meet their obligation by transferring water from their storage accounts or by monetary payment to Watermaster. For those paying with money the rate would be the MWD Tier 1 rate current at the time of the invoices, plus any additional applicable charges.

² The individual breakdown by party is yet to be determined.

ATTACHMENT 1

STATE OF CA	LIFORNIA)
COUNTY OF S	SAN BERNARDINO) ss)
	TIFY that the foregoin	Secretary/Treasurer of the Chino Basin Watermaster, DC g Resolution being No. 2017-05, was adopted at a regular meeting o by the following vote:
AYES:	0	
NOES:	0	
ABSENT:	0	
ABSTAIN:	0	
		CHINO BASIN WATERMASTER
		Watermaster Secretary/Treasurer

May 25, 2017

Date:

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CHINO BASIN WATERMASTER

II. BUSINESS ITEMS

E. FISCAL YEAR 2017/18 PROPOSED BUDGET



CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.

General Manager

STAFF REPORT

DATE:

May 11, 2017

TO:

Pool Committee Members

SUBJECT:

Proposed Fiscal Year 2017/18 Budget (Business Item II.E.)

SUMMARY

Issue: Proposed FY 2017/18 Budget.

Recommendation: Recommend Advisory Committee approval of the proposed FY 2017/18 budget

as presented.

Financial Impact: The FY 2017/18 proposed budget expenses are \$11,813,698 (excluding any

Carryover Funds).

Future Consideration

Appropriative Pool – May 11, 2017: Review and recommend Non-Agricultural Pool – May 11, 2017: Review and recommend Agricultural Pool – May 11, 2017: Review and recommend

Advisory Committee - May 18, 2017: Approval

Watermaster Board - May 25, 2017: Adoption (Advisory Committee Approval required)

ACTIONS:

Appropriative Pool – May 11, 2017: Non-Agricultural Pool – May 11, 2017: Agricultural Pool – May 11, 2017: Advisory Committee – May 18, 2017: Watermaster Board – May 25, 2017:

BACKGROUND

To prepare a budget of anticipated expense each year, Watermaster staff conducts meetings internally and with consultants to discuss upcoming projects and anticipated work. As the budget is developed, the related budgeted expenses are continually refined. The following budget related meetings were held during the past few months:

- The Personnel Committee met on November 1, 2016 to discuss and review the current organization structure, staffing levels, compensation and benefits structure, anticipated FY 2017/18 labor costs, personnel policies and other related items.
- The Personnel Committee met on March 23, 2017 to recommend the current organization structure, staffing levels, compensation and benefits structure, and proposed FY 2017/18 labor costs, personnel policies and other related items.
- Peter Kavounas, Joseph Joswiak (via conference call), Edgar Tellez Foster, and Anna Truong met with the Wildermuth Environmental staff at their offices on March 2, 2017 for an Engineering Services budget workshop to discuss the ongoing reporting and monitoring activities required by the Judgment and other upcoming engineering activities.
- During the period of March through April 2017 Watermaster staff held numerous meetings and discussions with staff from Wildermuth Environmental, Inc. regarding the Engineering Services budget and expected engineering activities for FY 2017/18.
- Watermaster staff has had numerous meetings and discussions with staff from Brownstein Hyatt Farber Schreck regarding the Legal Services budget and expected legal activities for FY 2017/18.
- The Groundwater Recharge Coordinating Committee has met on a quarterly basis to review the anticipated costs of operations and maintenance activities, and develop the scope of activities for the upcoming FY 2017/18 budget as recommended by IEUA. The last meeting being held on February 28, 2017.
- The Ground Level Monitoring Committee met on January 25, 2017, March 23, 2017, and again on April 11, 2017 to review the anticipated cost of operations and maintenance activities, most recently to specifically discuss the installation of the Pomona Extensometer facility.
- The Prado Basin Habitat Sustainability Committee met on March 21, 2017 and again on April 25, 2017 to review and recommend the scope and budget for the Prado Basin Habitat Sustainability Program for FY 2017/18.
- The Recharge Investigations and Projects Committee RIPCom (formerly IEUA/CBWM Joint Projects Committee and RMPU Steering Committee) has met every third Thursday of the month since November 2013, with the last meeting being held on April 20, 2017 to review ongoing capital projects and future years' capital expense projections.

From all of these various committees and groups, and other input from operational staff, the Watermaster staff developed the Proposed FY 2017/18 Budget (May 11, 2017 version). During the budget development process, various versions of the Proposed FY 2017/18 Budget have been presented to stakeholders on three separate occasions as recommendations were provided. The FY 2017/18 budgets previously presented were the March 28, 2017 version, April 25, 2017 version, May 2, 2017 version, and the May 11, 2017 version.

On Tuesday, March 28, 2017 at 9:00am Watermaster conducted the Budget Distribution/Presentation meeting and discussed the Proposed FY 2017/18 Budget (March 28, 2017 version) of \$11,976,018 specifically looking at the various cost categories of Labor, Legal Services, Engineering Services, ongoing and new Recharge Improvements Projects, Recharge Basin O&M, Recharge Debt Service costs, and All Other Expenses. The methodology of how Watermaster calculates the estimated production data along with the production assessment amount by Administrative and OBMP/Projects costs was provided and explained. Attendees at the meeting were requested to email their budget related questions or comments

to Joseph Joswiak. A new informational process was added to the budget development this year. The responses would be provided via email and also a document would be created to capture all of the questions and responses, and posted to the Watermaster FTP site for all parties to review.

At the request of the Appropriative Pool Chair, a FY 2017/18 budget presentation was presented to the Pool. At this presentation, the Proposed Budget of \$11,976,018 for FY 2017/18 (March 28, 2017 version) was presented specifically looking at the summary of drivers and how those drivers become expenses, then moving onto a detailed analysis of the various cost categories of Labor, Legal Services, Engineering Services, ongoing and new Recharge Improvements Projects, Recharge Basin O&M, Recharge Debt Service costs, and All Other Expenses. The methodology of how Watermaster calculates the estimated production data along with the production assessment amount by Administrative and OBMP/Projects costs was provided and explained. Representatives from Wildermuth Environmental, Inc., Brownstein Hyatt Farber Schreck, and IEUA were in attendance to discuss and answer any questions related to their specific areas of activities within the proposed budget. The new process of providing all Q&A's on the FTP site was also described.

The Watermaster Budget Workshop #1 was held on Tuesday, April 25, 2017 at 1:00pm. At this workshop, the Proposed Budget of \$12,106,140 for FY 2017/18 (April 25, 2017 version) was presented. Since the FY 2017/18 budget presentation had been provided twice already, it was determined that a better use of everyone's time would be not to review the presentation again, but to provide a Q&A opportunity to answer questions in more detail. Representatives from Wildermuth Environmental, Inc., Brownstein Hyatt Farber Schreck, and IEUA were in attendance to discuss and answer any questions related to their specific areas of activities within the proposed budget.

During the April 25, 2017 meeting, members of the Appropriative Pool Budget Subcommittee mentioned that there was a worksheet that had been developed with proposed budget reductions for the FY 2017/18 budget. The worksheet was provided to Watermaster staff.

During the Workshop there was discussion about the 5-Year Watermaster Budget Projection (FY 2016/17 to FY 2020/21) which was developed at the request of several Appropriative Pool members in June 2015 and distributed during the Appropriative Pool meeting on June 11, 2015. These documents were posted to the FTP site on June 11, 2015 and have been posted and available on the FTP site since then. During the meeting on June 11, 2015 as part of the CFO Report, there was a presentation on how the documents were designed and how to use the documents to estimate any individual Appropriative Pool member's future assessment payments for budgeting purposes.

During the discussion, the 5-Year Budget Projection was compared to the Proposed Budget of \$11,889,630 for FY 2017/18 (May 2, 2017 version). The Proposed FY 2017/18 Budget was \$786,758 or 7.09% above the 5-Year Projected FY 2017/18 Budget of \$11,102,872.

It was requested that the 5-Year Watermaster Budget Projection document be updated after the FY 2017/18 budget has been adopted. Watermaster staff agreed to update the 5-Year Projections later this year.

BUDGET SUDGET PROJECTED			AMENDED	Δ	PPROVED										
Category Type		,				p	ROJECTED	p	ROIECTED	p	ROJECTED	Þ	ROJECTED	P	ROJECTED
Labor/Burden¹ \$ 1,462,145 \$ 1,533,711 \$ 1,610,397 \$ 1,690,917 \$ 1,758,554 \$ 1,828,896 \$ 1,902,052 Legal Services² \$ 875,515 \$ 933,815 \$ 957,165 \$ 981,089 \$ 1,005,616 \$ 1,030,756 \$ 1,056,052 Engineering Services³ \$ 1,716,760 \$ 2,595,942 \$ 3,440,619 \$ 2,394,879 \$ 2,553,724 \$ 2,604,329 \$ 2,364,289 \$ 3,406,618 \$ 1,136,528 \$ 939,730 \$ 963,223 \$ 987,304 \$ 1,011,987 \$ 1,037,287 \$ 1,063,219 \$ 82,642,89 \$ 1,005,616 \$ 1,030,756 \$ 1,063,219 \$ 1,	Category Type	F													
Legal Services	3312B01111pc		1 202 1/ 20		1 2015/10		1 2010/17		1 2017/10	_	1 2010/13		1 2015/20		1 2020/21
Legal Services	Labor/Burden ¹	\$	1,462,145	Ś	1.533.711	Ś	1.610.397	\$	1.690.917	Ś	1.758.554	Ś	1.828.896	Ś	1.902.052
Engineering Services	the time of the second of the				20 12. 12. 12.										
G&A Expenses² \$ 1,136,528 \$ 939,730 \$ 963,223 \$ 987,304 \$ 1,011,987 \$ 1,037,287 \$ 1,063,219 Recharge Basin O&M⁴ \$ 791,693 \$ 791,963 \$ 791,963 \$ 71,873,105 \$ 831,999 \$ 832,799 \$ 874,119 \$ 917,825 Subtotal Expenses \$ 5,982,641 \$ 66,795,106 \$ 7,783,105 \$ 6,886,188 \$ 7,182,680 \$ 7,375,387 \$ 7,303,910 Debt Service-CBFIP² \$ 431,740 \$ 460,200 \$ 471,705 \$ 483,498 \$ 95,585 \$ 507,975 \$ 520,674 Debt Service-Recharge Projects * \$ 1,291,000 \$ 1,858,900 \$ 7,333,186 \$ 3,733,186	er Fox. reserve and the same and the same	\$	1,716,760	- 90	(mmax.)	-	•								
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Section Sect		\$								_	•	_		<u> </u>	
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Service-Recharge Projects Sample	Debt Service-CBFIP ²	\$	431,740	\$	460,200	\$	471,705	\$	483,498	\$	495,585	\$	507,975	\$	520,674
Subtotal Recharge \$ 1,722,740 \$ 2,319,100 \$ 4,204,891 \$ 4,216,684 \$ 4,228,771 \$ 4,241,161 \$ 4,253,860 Total Expense Budget \$ 7,705,381 \$ 9,114,206 \$ 11,987,996 \$ 11,102,872 \$ 11,411,451 \$ 11,616,548 \$ 11,557,770 ACTUAL BUDGET \$ 9,364,206 \$ 10,494,527) \$ 786,758 **VARIANCE \$ 250,000 \$ (1,494,527) \$ 786,758 **VARIANCE \$ 250,000 \$ (1,494,527) \$ 786,758 **VARIANCE \$ 2,74% \$ -12,47% \$ 7,09% Total Expenses \$ 7,705,381 \$ 9,114,206 \$ 11,987,996 \$ 11,102,872 \$ 11,411,451 \$ 11,616,548 \$ 11,557,770 Less: Non-Production Debt Service \$ (431,740) \$ (460,200) \$ (471,705) \$ (483,498) \$ (495,585) \$ (507,975) \$ (520,674) Recharge Capital Projects \$ (1,291,000) \$ (1,858,900) \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Recharge Capital Projects 5	\$	1,291,000	\$	1,858,900	\$	-	\$	-	\$	-	\$	_	\$	-
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Less: Non-Production Debt Service \$ (431,740) \$ (460,200) \$ (471,705) \$ (483,498) \$ (495,585) \$ (507,975) \$ (520,674)															
Debt Service	Total Expenses	\$	7,705,381	\$	9,114,206	\$	11,987,996	\$	11,102,872	\$	11,411,451	\$	11,616,548	\$	11,557,770
Recharge Capital Projects \$ (1,291,000) \$ (1,858,900) \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -															
Debt Service-Recharge Projects \$ - \$ - \$ (3,733,186) \$ (3,733,186) \$ (3,733,186) \$ (3,733,186) \$ (3,733,186) \$ (3,733,186) \$ (3,733,186) \$ (3,733,186) \$ (3,733,186) \$ (3,733,186) \$ (3,733,186) \$ (3,733,186) \$ (3,733,186) \$ (75,000) \$ (75,000) \$ (75,000) \$ (75,000) \$ (75,000) \$ (75,000) \$ (75,000) \$ (60,000) \$	Debt Service	\$			The state of the s		(471,705)		(483,498)		(495,585)	\$	(507,975)	\$	(520,674)
Appropriative Pool Legal \$ (140,000) \$ (75,0			(1,291,000)				-	•	-		-		-		-
Non-Ag Pool Legal \$ (60,000) \$ (60,000) \$ (60,000) \$ (60,000) \$ (60,000) \$ (60,000) \$ (60,000) \$ (60,000) \$ (60,000) \$ (60,000) \$ (60,000) \$ (60,000) \$ (60,000) \$ (60,000) \$ (60,000) \$ (100,000)	to the second of the second se	141		•	-	\$	(3,733,186)	\$	(3,733,186)	\$	(3,733,186)	\$	(3,733,186)	\$	(3,733,186)
Interest Income 2 \$ (25,800) \$ (22,050) \$ (22,601) \$ (23,166) \$ (23,745) \$ (24,339) \$ (24,947)	Appropriative Pool Legal	\$	(140,000)	\$	(75,000)	\$	(75,000)	\$	(75,000)	\$	(75,000)	\$	(75,000)	\$	(75,000)
MWD Groundwater Storage 2 \$ (155,330) \$ (157,941) \$ (161,890) \$ (165,937) \$ (170,085) \$ (174,337) \$ (178,695)		\$	(60,000)	\$	(60,000)	\$	(60,000)	\$	(60,000)	\$	(60,000)	\$	(60,000)	\$	(60,000)
Production Based Expenses \$ 5,601,511 \$ 6,480,115 \$ 7,463,614 \$ 6,562,085 \$ 6,853,850 \$ 7,041,711 \$ 6,965,268	Interest Income ²	\$	(25,800)	\$	(22,050)	\$	(22,601)	\$	(23,166)	\$	(23,745)	\$	(24,339)	\$	(24,947)
Actual Production AF 138,351.405 N/A	MWD Groundwater Storage ²	\$	(155,330)			\$	(161,890)	\$	(165,937)	\$	(170,085)	\$	(174,337)	\$	(178,695)
Projected Production AF 116,043.559 N/A N/A N/A N/A N/A N/A N/A N/A Estimated Production Ranges: Low Production Range AF 117,000 117,000 117,000 117,000 117,000 Mid Production Range AF 127,500 127,500 127,500 127,500 127,500 High Production Range AF 138,000 138,000 138,000 138,000	Production Based Expenses	_\$	5,601,511	\$	6,480,115	\$	7,463,614	\$	6,562,085	\$	6,853,850	\$	7,041,711	\$	6,965,268
Projected Production AF 116,043.559 N/A N/A N/A N/A N/A N/A N/A N/A Estimated Production Ranges: Low Production Range AF 117,000 117,000 117,000 117,000 117,000 Mid Production Range AF 127,500 127,500 127,500 127,500 127,500 High Production Range AF 138,000 138,000 138,000 138,000															
Estimated Production Ranges: Low Production Range AF Mid Production Range AF 117,000 117,000 117,000 117,000 117,000 117,000 127,500 127,500 127,500 127,500 138,000 138,000 138,000 Actual \$/AF \$ 40.49		13	38,351.405		•		•		•		•		•		N/A
Low Production Range AF 117,000 117,000 117,000 117,000 117,000 Mid Production Range AF 127,500 127,500 127,500 127,500 127,500 High Production Range AF 138,000 138,000 138,000 138,000 138,000 Actual \$/AF \$ 40.49	Projected Production AF			11	6,043.559		N/A		N/A		N/A		N/A		N/A
Low Production Range AF 117,000 117,000 117,000 117,000 117,000 Mid Production Range AF 127,500 127,500 127,500 127,500 127,500 High Production Range AF 138,000 138,000 138,000 138,000 138,000 Actual \$/AF \$ 40.49															
Mid Production Range AF 127,500 127,500 127,500 127,500 High Production Range AF 138,000 138,000 138,000 138,000 Actual \$/AF \$ 40.49	·														
High Production Range AF 138,000 138,000	And the second s						•		•		•		•		•
Actual \$/AF \$ 40.49							•		•		•		· ·		
	High Production Range AF						138,000		138,000		138,000		138,000		138,000
	Actual \$/AE		40.40												
F10/culcu 3/AF 3 33,64	68 8 8	<u> </u>	40.49	ċ	EE 04										
Estimated Low Production \$/AF \$ 63.79 \$ 56.09 \$ 58.58 \$ 60.19 \$ 59.53			t 35	۶	55.84	ć	62.70	ċ	E6 00	ċ	EO EO	۲	60.10	۲	E0 F2
5 58.54 \$ 51.47 \$ 53.76 \$ 55.23 \$ 54.63					-			-				-		<u> </u>	
Estimated High Production \$/AF \$ 54.08 \$ 47.55 \$ 49.67 \$ 51.03 \$ 50.47	the second secon				-										

Notes:

¹ Assumes 5% increase annually for FY 2016/17 and FY 2017/18; 4% increase annually for FY 2018/19, FY 2019/20 and FY 2020/21

² Assumes 2.5% increase annually

³ Assumes 2.5% increase annually plus Land Subsidence Committee recommendations of \$2,605,413 for the Pomona area for the following FY 2015/16 of \$506,255; FY 2016/17 of \$1,298,690; FY 2017/18 of \$199,402; FY 2018/19 of \$303,360; and FY 2019/20 of \$297,706

⁴ Assumes 2.5% increase annually for FY 2016/17, FY 2017/18, FY 2018/19 and FY 2019/20; 5% increase annually for FY 2020/21

⁵ Recharge Capital Projects funded by Watermaster Assessments based upon Operating Safe Yield (OSY) formula

⁶ Recharge Capital Projects of \$57,952,000 at 5% interest with 30 year terms

The Watermaster Budget Workshop #2 was held on Tuesday, May 2, 2017 at 1:00pm. At this workshop, attendees were invited to ask detailed questions about specific items on the Proposed Budget of \$11,889,630 for FY 2017/18 (May 2, 2017 version). During the Workshop #2, a discussion continued involving specific areas of concern by the attendees and where costs could be reduced. The GM discussed the areas that had been reduced, the areas that were reviewed and not adjusted, and the reasons why suggested adjustments were not incorporated into the budget.

In consideration of specific suggestions by the Appropriative Pool, Watermaster staff met with Wildermuth Engineering, Inc. staff and Brownstein Hyatt Farber Schreck staff to discuss adjustments in cost estimates. As a result, some adjustments were submitted and an updated Proposed FY 2017/18 budget in the amount of \$11,813,698 is being proposed (May 11, 2017 version).

The changes in summary form are shown in the table listed below:

Chino Basin Watermaster FY 2017/18 Proposed Budget Changes from May 2, 2017 to May 11, 2017 Version

FY 2017/18 Proposed Budget - May 2, 2017 Less Reductions:	\$ 1	1,889,630
	•	(50.040) -
Engineering Services - Account 6906.74	\$	(52,212) 1
Engineering Services - Account 7602	\$	(23,720) 2
Subtotal Less Reductions:	\$	(75,932)
FY 2017/18 Proposed Budget - May 11, 2017	\$1	1,813,698

ENGINEERING SERVICES

May 2, 2017 Proposed Budget	\$ 3,759,662	
6906.74 OBMP - Material Physical Innjury Requests	\$ (52,212) 1	May 11, 2017
7602 - OBMP PE 8&9 Engineering Services	\$ (23,720) 2	May 11, 2017
Subtotal Adjustments:	\$ (75,932)	
May 11, 2017 Proposed Budget	\$ 3,683,730	

NOTES:

From FY 2017/18 Proposed Budget - May 11, 2017 Version

To view the changes from previous versions, please click on the links below:

March 28, 2017 to April 25, 2017 F:\March 28, 2017 to April 25, 2017 Changes

April 25, 2017 to May 2, 2017 F:\April 25, 2017 to May 2, 2017 Changes

¹ Per the request of the Appropriative Pool representatives in attendance at the May 2, 2017 Workshop #2, reduce the Engineering Services budget from \$122,212 down to \$70,000 (a reduction of \$52,212). This budget amount of \$70,000 is the same amount as the FY 2016/17 budget.

² Per the request of the Appropriative Pool representatives in attendance at the May 2, 2017 Workshop #2, reduce the Engineering Services budget by completing some work in the next fiscal year FY 2018/19 which reduced the budget by \$23,720.

The FY 2017/18 Proposed Budget (May 11, 2017 version) is provided in the following formats as Attachment 1:

FY 2017/18 Proposed Budget – Variance Format FY 2017/18 Proposed Budget – Summary Format FY 2017/18 Proposed Budget – Detail Format FY 2017/18 Account Number Descriptions FY 2017/18 Estimated Assessment Calculation

Attachment 1: F:\FY 2017-18 Proposed Budget

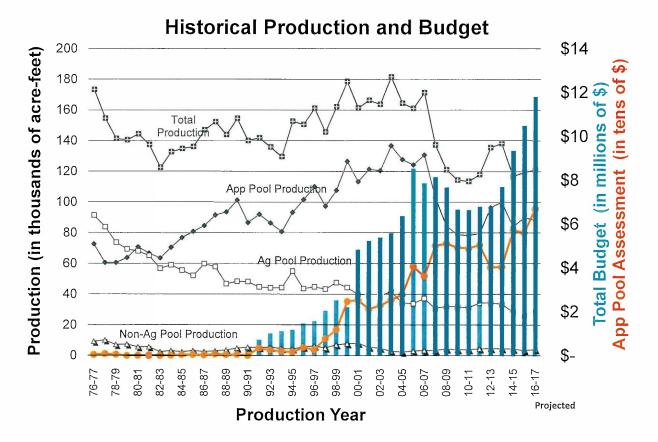
The table listed below provides a comparison of the FY 2017/18 Proposed Budget (May 11, 2017 version) of \$11,813,698 with the FY 2016/17 Approved Budget of \$10,493,469. The blue arrow shows the consolidated budget expenses including all category types and expenses. This blue section totals \$11,813,698 and is the total FY 2017/18 Proposed Budget. To determine what amount will be used for the Production Based Assessments, specific costs must be eliminated from the Total Expenses of \$11,813,698. The green arrow shows the costs (which are included in the Total Expenses) but are excluded from the calculation when determining what expenses are included in the Production Based Assessment amount. After the non-production based expenses and income sources of \$3,695,908 are removed from the calculation, the remaining dollar amount (shown by the yellow arrow) of \$8,117,790 becomes the basis for the Production Based Assessment. The Proposed Assessment is then calculated as \$8,117,790 ÷ 120,999.775 AF = \$67.09 AF.

	FY 2016/17 Approved Budget	FY 2017/18 Mar. 28, 2017 Budget	FY 2016/17 Apr. 25, 2017 Budget	FY 2017/18 May 2, 2017 Budget	FY 2017/18 May 11, 2017 Budget	May 11, 2017 vs. Approved	
Total Administrative Expenses	\$ 2,048,786	\$ 2,183,990	\$ 2,189,365	\$ 2,153,498	\$ 2,153,498	\$ 104,712	
Total General OBMP Expenses	1,700,009	1,382,000	1,382,443	1,426,354	1,374,142	(325,867)	Basis for Total Assessments
Total OBMP Implementation Projects	6,744,674	8,410,027	8,534,331	8,309,777	8,286,057	1,541,383	
Total Expenses	\$10,493,469	\$11,976,018	\$12,106,140	\$11,889,630	\$11,813,698	\$ 1,320,229	•
Adjustments For Non-Production Based Assessments:							30 88 0 826.50
Recharge Improvements Debt Service	(465,200)	(515,375)	\$ (2,839,000) (515,375)	(515,375)	(515,375)	(50,175)	
Appropriative Pool - Legal Services Non-Agricultural Pool - Legal Services Interest Income	(50,000) (60,000) (19,890)	(60,000)	(75,000) (60,000) (39,906)		(60,000)		Non-Production
MWD Groundwater Storage Program SB 222 Fund Use Blomquist Update Report	(158,920) (158,251)		(161,626) -	(161,626) - (30,000)	-	158,251	
Transfer From Reserves Total Adjustments	(3,781,861)	(3,690,908)	(3,690,908)	(3,695,908)			
100 to 10							Production Based Assessments
Basis For Production Based Assessment	\$ 6,711,605	\$ 8,285,110	\$ 8,415,232	\$ 8,193,722	\$ 8,117,790	\$ 1,406,182	· C
Total Estimated Assessable Production	119,475.939	122,287.208	120,999.775	120,999.775	120,999.775	1,523.836	
G&A Expenses	\$ 16.23	\$ 16.12	\$ 16.33	\$ 16.25	\$ 16.25	\$ 0.02	
OBMP & Implementation Projects	\$ 39.95						E RESIDENCE DE LA COMPANION DE
Total Assessment Based Upon Production	\$ 56.18	\$ 67.75	\$ 69,55	\$ 67.72	\$ 67.09	\$ 10.91	

The Total Assessable Production (for budget purposes) is estimated to be 120,999.775 acre-feet which is based upon the actual production numbers for the first three quarters, and projected to estimate the full year's production. The "projected" Total Assessable Production of 120,999.775 acre-feet is higher than the "actual" previous year's Total Assessable Production of 119,475.939 acre-feet by 1,523.836 acre-feet or 1.3%. Higher production results in the current year will decrease the overall assessments per acre-foot, while lower production numbers will increase the overall assessments per acre-foot. The proposed budget contains the proposed assessments of \$16.25 per acre-foot for Administration and \$50.84 per acre-foot for OBMP and Implementation Projects, for a combined total of \$67.09 per acre-foot.

Comparing the current Proposed Assessment as of May 11, 2017 of \$67.09 to the Actual Assessment paid in December 2016 of \$56.18, a variance of \$10.91 or 19.4% is shown. For comparison purposes only, when using last year's actual production of 119,475.939 acre-foot, the Proposed Assessment amount would be \$16.46 per acre-foot for Administration and \$51.49 per acre-foot for OBMP and Implementation Projects, for a combined total of \$67.95 per acre-foot.

The following chart details the Historical Production and Budget for Watermaster:



The purpose of the above chart is to show the historical progression of both production and the budget amounts by fiscal year. The FY 2014/15, FY 2015/16, and FY 2016/17 budget increases reveal the beginning of increased costs for Recharge Improvement Projects. The FY 2017/18 budget (not shown on this chart) continues to show a steep increase from previous years directly related to the increased Recharge Improvement Project costs.

During the distribution and both workshop meetings, staff discussed how the Watermaster budget can be segregated into five separate and distinct categories:

- Watermaster Labor and Burden
- Legal Services
- Engineering Services
- Debt Service and Recharge Improvements Projects
- Recharge Basin O&M and All Other Expenses

LABOR AND BURDEN EXPENSE

The first section of the Proposed FY 2017/18 budget relates to Watermaster Salaries and Burden. The total Salaries and Burden for FY 2017/18 are \$1,726,637 which is \$92,114 or 5.64% above the previous year's Approved Budget of \$1,634,523. The Full Time Equivalent (FTE) number of Watermaster employees for the Proposed FY 2016/17 Budget is 10.0 (FTE) which is the same number of Watermaster employees as the Approved Budget for FY 2016/17.

	FY 2016/17 Approved Budget			Y 2017/18 Proposed Budget	Pro	Variance posed vs. pproved	% Variance Proposed vs. Approved		
Payroll Burden Total	\$ \$	1,054,776 579,747 1,634,523	\$ \$ \$	1,107,990 618,647 1,726,637	\$ \$	53,214 38,900 92,114	5.05% 6.71% 5.64%		
FTE's		10.0		10.0					

The following assumptions were incorporated into the FY 2017/18 Labor and Burden budget of \$1,726,637 as directed by the Personnel Committee:

- Current staffing levels based on ten (10) FTE's
- Includes a 1.7% CPI increase, consistent with the Personnel Committee policy for the last five years
- Labor allocations for FY 2017/18 are 75% Admin, 5% OBMP and 20% Implementation Projects
- Assumes a health premium increase of 10% effective January 1, 2018

The FY 2017/18 Staffing Level Chart and Proposed Pay Schedule are located as Attachment 2 as follows:

Attachment 2: F:\FY 2017-18 Proposed Staffing and Pay Schedule

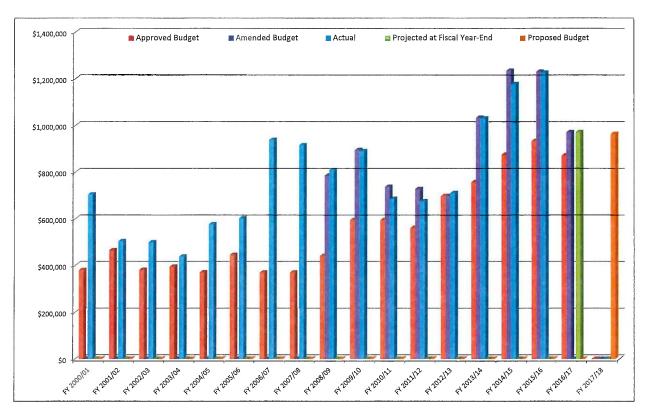
LEGAL SERVICES

The second section of the Proposed FY 2017/18 budget relates to Watermaster Legal Services. A historical chart of the last 15+ years of budgeted vs. actual Watermaster legal cost is presented below. Three of the seven previous years' legal services budget had remained relatively flat, and additional unbudgeted legal expenses occurred in FY 2013/14, FY 2014/15, FY 2015/16, and FY 2016/17 which increased the budget. For FY 2016/17, the legal expenses are projected at \$971,426. A Budget Amendment Form is being submitted for approval during the May 2017 meetings which will increase the legal services budget from \$871,426 to \$971,426 for FY 2016/17.

The Proposed FY 2017/18 Brownstein Hyatt Farber Schreck budget (March 28, 2017 version) was presented during the Budget/Distribution meeting in the amount of \$972,446. Before the April 25, 2017 workshop, the Legal Services budget was increased by \$7,500 to \$979,946 for a comprehensive review of Watermaster's Employee Manual as a result of changing California and Federals laws. The May 2, 2017 version of \$964,783 shows a decrease of \$15,163 related to the Rules and Regulations activity. The reduction is a result of a portion of the work being completed in FY 2016/17 with the remaining activities being performed in FY 2017/18.

The Proposed FY 2017/18 Budget of \$964,783 is \$6,643 or 0.7% lower than the FY 2016/17 Amended Budget of \$971,426. For comparison purposes, the 5-Year Average (Actual Amounts) for Legal Services total \$1,023,744 compared to the Proposed FY 2017/18 budget of \$964,783.

There are no new accounts or categories that have been added to the Legal Services budget for FY 2017/18.



Activities resulting in legal expenses beyond routine activities:

2000/01: Peace I and Desalter negotiations

2002/04: Relatively routine activities

2005/06: Santa Ana River water rights application, beginning of Peace II negotiations

2007/08: Peace II especially heavy in 2007 and into 2008

2008/09: Watermaster transitioned to Judge Wade and had four informational Court hearings

2009/10: Water Auction, Paragraph 31 Motion 2010/12: Desalter Negotitations, Paragraph 31 Motion, Archibald South Plume, Chino Airport Plume 2012/13: Recharge Master Plan Update, CDA/Chino Airport Plume, Refresh/Recharge/Reunite 2013/14: CCG Motion, Safe Yield Recalculation, RMPU, City of Fontana Motion

2014/15: Safe Yield Recalculation, CalPERS/Personnel Matters 2015/16: Safe Yield Recalculation, CalPERS/Personnel Matters

2016/17: Safe Yield Recalculation, CalPERS/Personnel Matter

		2011/12 June ctual		/ 2012/13 June Actual		Y 2013/14 June Actual		/ 2014/15 June Actual	F	Y 2015/16 June Actual	Аг	/ 2016/17 nended ¹ Budget	Apr	7 2017/18 . 25, 2017 Budget	Ma	Y 2017/18 IY 2, 2017 Budget	May	7 2017/18 y 11, 2017 Budget	\$'s Over (Under)
6070 Watermaster Legal Services																			
6071 Legal Services - Court Coordination		939		28,395		5,555		5,851		34,226		40,950		41.250		41,250		41,250	300
6072 Legal Services - Rules & Regs		30,466		38,313		17,122		0		0		30,113		30,338		15,175		15,175	(14,938)
6073 Legal Services - Personnel Matters		57,511		50,142		109,549		147,908		182,791		135,000		25,000		25,000		25,000	(110,000)
6074 Legal Services - Interagency Issues		7,667		18,477		3.717		1,721		0		30.600		30,600		30,600		30,600	(1,0,000)
6075 Legal Services - Replenishment Water		42,187		0		0,777		0		0		0.000		0		00,000		0	0
6076 Legal Services - Storage Issues		16,387		6,642		0		0		ō		0		0		0		0	0
6077 Legal Services - Party Status Maintenance		0		0,042		1,512		20.070		459		28.700		28,700		28,700		28,700	0
6078 Legal Services - Miscellaneous		69,604		64,186		101,269		122,341		146,108		35,350		35,350		35,350		35,350	0
6078.10 Refresh, Recharge, Reunite		03,004		36,196		101,209		122,341		140,100		33,350		00,000		35,330		0 0	0
6078.11 Safe Yield Recalculation		0		19,492		0		0		0		0		0		0		0	0
6078.12 CCG Motion		0		19,492		75,505		9,455		3,080		0		0		0		0	0
6078.20 Pool Issues Resolution Facilitation		0		4.055		75,505		9,455		3,080		0		0		0		0	0
	S	224,759	S	265,898	\$	314,230	s	307,346	s	366,664	s	300,713	s	191,238		176,075	s	176,075	
Total 6070 Watermaster Legal Services	\$	224,759	<u> </u>	265,898	3	314,230	\$_	307,346	Þ	366,664	_ \$	300,713	\$	191,238	ъ	1/6,0/5	\$	1/6,0/5	\$ (124,638)
6275 Legal Services - Advisory Committee Meeting		25,781		21,659		12,969		14,358		13,926		18,700		18,700		18,700		18,700	0
6375 Legal Services - Board Meeting		68,299		58,568		108,899		61,455		57,106		77,220		77,220		77,220		77,220	0
6375.1 Legal Services - Board Briefings/Workshops		0		0		0		0		0		11,163		11,163		11,163		11,163	0
8375 Legal Services - Approp. Pool Meeting		23,117		46,387		20.691		18,595		16,507		28.050		28,050		28,050		28,050	0
8475 Legal Services - Ag. Pool Meeting		20,763		28,171		24,194		17,877		15,885		28,050		28,050		28,050		28,050	0
8575 Legal Services - Non-Aq. Pool Meeting		26,075		31,115		37.073		19,137		16,383		28,050		28,050		28,050		28,050	0
8575.1 Legal Services - Paragraph 51 - CSI/ACM		0		10,759		0		0		0		0		0		0		0	0
Total Watermaster Legal Services - Meetings	\$	164,036	\$	196,660	\$	203,826	\$	131,422	\$	119,807	\$	191,233	\$	191,233	\$	191,233	\$	191,233	
6907 OBMP - Legal																			
6907.3 WM Legal Counsel		0		0		0		0		0		0		0		0		0	0
6907.30 Peace II - CEQA		3,365		1.071		0		0		0		0		0		0		0	0
6907.31 Archibald South Plume		6,642		1,0,1		0		95		0		24,500		24,500		24,500		24,500	0
6907.32 Chino Airport Plume		10,359		67.665		11,277		0		0		24,500		24,500		24,500		24,500	0
6907.33 Desalter/Hydraulic Control Issues		84,113		65,754		23,780		1,229		0		28,700		21,525		21,525		21,525	(7,175)
6907.34 Santa Ana River Water Rights		15,439		10,681		3,223		10,800		5,851		25,700		26,200		26,200		26,200	900
		112,572		20,912		0,220		0,000		0,001		25,500		20,200		20,200		20,200	
6907.35 Paragraph 31 Motion 6907.36 Santa Ana River Habitat		12,100		4,757	- 5	684		2.164		965		0		69,300		_		69,300	69.300
		12,100		4,757				2,164		965		0		69,300		69,300			
6907.37 Storage and Recovery, Water Auction		0				0		0				_				0		0	0
6907.38 Reg. Water Quality Control Board				0		63				10.704		14,350		14,350		14,350		14,350	0
6907.39 Recharge Master Plan		41,812		64,399		98,026		34,225		19,704		56,400		86,400		86,400		86,400	30,000
6907.40 Storage Agreements		0		12,770		4,197		0		535		108,180		173,600		173,600		173,600	65,420
6907.41 Prado Basin Habitat Sustainability		0		153		0		0		11,039		14,350		15,200		15,200		15,200	850
6907.42 Safe Yield Recalculation		0		0		206,810		691,014		643,959		68,600		69,200		69,200		69,200	600
6907.43 RMPU - City of Fontana Motion		0		0		164,907		63		0		0		0		0		0	0
6907.44 SGMA Compliance * new as of Jan. 1, 2016		0		0		0		0		58,665		85,100		43,200		43,200		43,200	(41,900)
6907.9 WM Legal Counsel - Unanticipated		0		0		0		0		0		29,500		29,500		29,500		29,500	0
Total 6907 Watermaster Legal Expenses	_\$	286,402	\$	248,162	\$	512,969	\$_	739,590	\$_	740,718	\$	479,480	\$	597,475	\$	597,475	\$	597,475	\$ 117,995

5 Year Average (Actuals)

Note: 'Proposed Amendment for \$100,000 TBD before June 30, 2017

As with the past practice for the last five years, the Brownstein Hyatt Farber Schreck Legal Services budget has been developed using a formula of assumed hours to complete a specific tasks multiplied by the hourly rate. Brownstein Hyatt Farber Schreck hourly rates are not changing for the FY 2017/18 period. Brownstein has provided a detailed memorandum and worksheet which is provided as Attachment 3 (updated version dated May 11, 2017). These documents (previous versions dated March 28, 2017; April 25, 2017; and May 2, 2017) were provided as handouts at the Budget Distribution meeting, Budget Workshop #1, Budget Workshop #2 and also available on the Watermaster website under the FTP location.

Attachment 3: F:\FY 2017-18 Proposed Legal Services Budget

ENGINEERING SERVICES

The third section of the Proposed FY 2017/18 budget relates to Watermaster Engineering Services. Various versions of the Engineering Services budget has been presented. The Proposed FY 2017/18 Engineering Services budget (March 28, 2017 version) was presented in the amount of \$3,745,454. The April 25, 2017 version was presented in the amount of \$3,936,009 at Workshop #1. The May 2, 2017 version was presented in the amount of \$3,759,662 at Workshop #2.

Per the instructions from the Appropriative Pool representatives in attendance at the May 2, 2017 Workshop #2, the Engineering Services budget was reduced by \$75,392. The May 11, 2017 Engineering Services budget was adjusted to \$3,683,730.

The May 11, 2017 version of the Engineering Services budget is proposed at \$3,683,730 which is \$942,878 or 34.4% higher than the Approved FY 2016/17 Budget of \$2,740,852. Note while some

accounts are lower than the previous fiscal year budget, the largest increase in the FY 2017/18 budget is directly related to the installation of the Northwest MZ-1 Extensometer facility.

These documents are provided as Attachments 4 and 6.

Attachment 4: F:\FY 2017-18 Proposed Engineering Budget

Attachment 6: F:\FY 2017-18 Proposed Engineering Budget - Narrative

Incorporated within the Engineering Services budget of \$3,683,730 is the Ground Level Monitoring Committee recommendations for FY 2017/18. The GLMC recommended a proposed budget of \$1,929,952 less anticipated "Carry-Over" funding of \$116,268 for a budget amount of \$1,813,684 for FY 2017/18 (\$1,929,952 - \$116,268 = \$1,813,684). Based on the discussions at meetings held by the Ground Level Monitoring Committee, the recommendations and associated budget are shown as Attachment 5.

Attachment 5: F:\FY 2017-18 Ground-Level Monitoring Program & Northwest MZ1 Area Plan

The following chart details the proposed Engineering Services budget for FY 2017/18 categorized by Watermaster account number. The comparison is between the FY 2017/18 Budget (May 11, 2017 version) of \$3,683,730 and the FY 2016/17 Approved Budget of \$2,740,852.

	FY 2015/16	FY 2016/17	FY 2017/18	FY 2017/18	FY 2016/17	FY 2017/18	\$'s
	Actual	Approved		Apr. 25, 2017			Over
_	Expenditures	Budget	Budget	Budget	Budget	Budget	(Under)
Engineering Services							
6066 Engineering Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6906 OBMP - Engineering	39,391	28,560	29,164	29,164	29,164	29,164	\$604
6906.1 OBMP - Watermaster Model Application	307,714	176,460	59,164	59,164	59,164	59,164	(\$117,296)
6906.2 OBMP - Basin Wide Objectives	0	100.000	0	0	0	0	\$0
6906.21 OBMP - State of the Basin Report 6906.22 OBMP - Water Rights Compliance Reporting	15,594	100,000 25,308	25,528	25,528	25,528	0 25,528	(\$100,000)
6906.23 OBMP - SGMA Reporting Requirements	20,047	28,040	24,392	25,526	25,526		\$220
6906.24 OBMP - Compliance with SB 88	20,047	75,000	7,012	7,012	7,012	24,392 7,012	(\$3,648) (\$67,988)
6906.25 OBMP - Assessment of Cultural Conditions-SYRA	0	213,740	7,012	7,012	1,012	7,012	(\$213,740)
6906.31 OBMP - Pool, Advisory, Board Meetings	69,312	96,114	96,950	96,950	96,950	96,950	\$836
6906.32 OBMP - Other General Meetings	21,916	36,045	36,381	36,381	36,381	36,381	\$336
6906.33 OBMP - Appropriative Pool Issue Resolution	0	0	00,001	00,001	00,001	00,001	\$0 \$0
6906.4 OBMP - CEQA	0	0	0	0	0	0	\$0
6906.70 OBMP - Misc, Data Requests	0	0	0	0	0	0	\$0
6906.71 OBMP - Data Requests - CBWM GM/Staff	222,673	91,156	109,440	109,440	109,440	109,440	\$18,284
6906.72 OBMP - Data Reguests - Non CBWM Staff	17,463	31,348	31,752	31,752	31,752	31,752	\$404
6906.73 OBMP - Safe Yield Recalculation	97,575	0	0	0	0	0	\$0
6906.74 OBMP - Material Physical Injury Requests	8,409	70,000	122,212	122,212	122,212	70,000	\$0
6906.81 OBMP - Prepare the 38th and 39th Annual Reports	. 0	59,688	40,192	40,192	20,000	20,000	(\$39,688)
6906.82 OBMP - Support for the Assessment Package	0	66,000	. 0	0	, 0	0	(\$66,000)
6906.9 OBMP - 2018 RMPU Recharge Master Update	0	0	0	0	65,000	65,000	\$65,000
7101.3 Production Monitoring - Engineering Services	0	0	0	0	. 0	0	\$0
7102.3 In-Line Meter - Engineering Services	0	0	0	0	0	0	\$0
7103.3 Grdwtr Quality - Engineering Services	98,074	129,555	128,595	128,595	128,595	128,595	(\$960)
7103.5 Grdwtr Quality - Laboratory Services	48,037	39,205	49,109	49,109	49,109	49,109	\$9,904
7104.3 Grdwtr Level - Engineering Services	184,453	192,667	205,859	205,859	205,859	205,859	\$13,192
7104.8 Grdwtr Level - Contract Services	0	10,000	10,000	10,000	10,000	10,000	\$0
7104.9 Grdwtr Level - Capital Equipment	(3,621)	7,000	8,000	8,000	8,000	8,000	\$1,000
7107.2 Ground Level - Engineering Services	50,362	52,540	50,654	50,654	50,654	50,654	(\$1,886)
7107.3 Ground Level - SAR Imagery	29,000	85,000	86,608	86,608	86,608	86,608	\$1,608
7107.6 Ground Level - Contract Services	163,519	100,197	98,315	144,356	144,356	144,356	\$44,159
7107.61 Ground Level - Chino Hills ASR	0	0	0	0	0	0	\$0
7107.7 Ground Level - Extensometer Installation	0	0	0	0	0	0	\$0
7107.8 Ground Level - Capital Equipment	0	3,500	3,500	3,500	3,500	3,500	\$0
7108.3 Hydraulic Control Monitoring - Engineering Services	46,341	57,607	19,800	19,800	19,800	19,800	(\$37,807)
7108.31 Hydraulic Control Monitoring - Eng. Serv PBHSP	125,460	276,864	122,159	122,159	122,159	122,159	(\$154,705)
7108.32 Hydraulic Control Monitoring - Adaptive Mgmt Plan	64,254	0	0	0	0	0	\$0
7108.4 Hydraulic Control Monitoring - Laboratory Services	8,528	25,081	24,064	24,064	24,064	24,064	(\$1,017)
7108.41 Hydraulic Control Monitoring - Lab. Serv PBHSP	45,838	49,216	18,500	18,500	18,500	18,500	(\$30,716)
7108.6 Hydraulic Control Monitoring - Contract Services	0	65,000	5,000	5,000	5,000	5,000	(\$60,000)
7108.7 Hydraulic Control Monitoring - Well Installation - PBH	4,428	0	0	0	0	0	\$0
7108.9 Hydraulic Control Monitoring - Contract Services	0	0	0	0	0	0	\$0
7109.3 Recharge & Well Monitoring - Engineering Services	15,098	23,318	23,377	23,377	23,377	23,377	\$59
7202.2 Comp Recharge - Engineering Services	88,444	161,016	161,976	161,976	161,976	161,976	\$960
7202.3 Comp Recharge - Implementation	0	0	0	0	0	0	\$0
7203 Comp Recharge - Contract Services	0	0	0	0	0	0	\$0
7303 OBMP - Engineering Services	0	9,480	9,640	9,640	9,640	9,640	\$160
7402 OBMP - Engineering Services	74,021	81,212	103,290	103,290	103,290	103,290	\$22,078
7403 OBMP - Contract Services	11,000	60,000	20,000	20,000	20,000	20,000	(\$40,000)
7402.10 OBMP - Northwest MZ1 Area Project	248,750	104,599	1,382,820	1,527,334	1,527,334	1,527,334	\$1,422,735
7502 OBMP - Engineering Services	26,405	43,440	79,113	79,113	79,113	79,113	\$35,673
7503 OBMP - Contract Services (Plume)	0	0	0	0	0	0	\$0
7510 IEUA Maximum Benefit Salinity Mgmt. Plan	0	0	209,677	209,677	125,806	125,806	\$125,806
7602 OBMP - Engineering Services	14,536	66,896	343,211	343,211	205,927	182,207	\$115,311
Total Engineering Services	\$2,163,018	\$2,740,852	\$3,745,454	\$3,936,009	\$3,759,662	\$3,683,730	\$942,878
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<u>DEBT SERVICE AND RECHARGE IMPROVEMENT PROJECTS</u>

The fourth section of the Proposed FY 2017/18 budget relates to Watermaster's Debt Service and Recharge Improvement Projects.

Debt Service:

The Proposed FY 2017/18 Debt Service budget is \$515,375. The FY 2016/17 budget for this category was \$465,200.

The Debt Service is based upon principal and interest on 2008B Variable Revenue Rate Bonds that financed the Chino Basin Improvement Recharge Facilities Project. IEUA and Watermaster share the principal and interest expenses on a 50/50 basis. For the FY 2017/18 budget, the Debt Service (account 7690.1) for Watermaster's 50% portion is budgeted with the following assumptions:

Principal payment: \$341,525 Interest expenses: \$129,500 Financing expenses: \$44,350 Total Debt Service: \$515,375

- The FY 2017/18 forecasted interest rate is 2.0%
- Any interest rate savings between the actual interest rate and the forecasted interest rate of 2.0% will be refunded to Watermaster after completion of the annual reconciliation (close of FY 2017/18 year).
- Watermaster does not budget for any interest rate adjustments(s) for previous years credits
- The payment for Debt Service is issued annually to IEUA in July

Recharge Improvement Projects:

The Proposed FY 2017/18 Recharge Improvement Projects budget is \$2,839,000. The FY 2016/17 budget for this category was \$2,869,600.

The Recharge Investigations and Projects Committee RIPCom meets every third Thursday of the month, after the Advisory Committee meeting, and has followed this schedule since November 2013. The last meeting of the RIPCom group was held on April 20, 2017. During the RIPCom meetings, the majority of time is spent to review ongoing capital projects and discuss the future years' capital expense projections. The Recharge Improvement Projects have been detailed and discussed during the RIPCom meetings and the current fiscal year budget expenses, along with the upcoming three fiscal years so the parties have an understanding of current funding requirements and needs, and the future funding commitments. For FY 2017/18, the following four projects are budgeted as follows:

- The RMPU Amendment Task Order #1 (7690.15) is budgeted at \$1,455,500. This is an ongoing multi-year project has been reported monthly as part of the Recharge Investigations and Projects Committee RIPCom. The budget for FY 2017/18 is a decrease of \$94,500 or 6.1% from the prior year's budget of \$1,550,000.
- The Victoria Basin Recharge Improvement Project (7690.25) is budgeted at \$32,500. This project is new for FY 2017/18 and will be reported monthly as part of the Recharge Investigations and Projects Committee RIPCom. The budget for FY 2017/18 is an increase of \$32,500 or 100% from the prior year's budget of \$0.
- The RP-3 Construction Project (7690.35) is budgeted at \$325,000. This project is new for FY 2017/18 and will be reported monthly as part of the Recharge Investigations and Projects Committee RIPCom. The budget for FY 2017/18 is an increase of \$325,000 or 100% from the prior year's budget of \$0.
- The Lower Day Basin RMPU Improvements Task Order #2 (7690.8) is budgeted at \$1,026,000 for FY 2017/18. This is an ongoing multi-year project and has been reported monthly as part of the Recharge Investigations and Projects Committee RIPCom. The budget for FY 2017/18 is an increase of \$886,000 or 632.9% from the prior year's budget of \$140,000.

The current budget details regarding the Recharge Improvement Projects are shown as Attachment 8.

Attachment 8: F:\FY 2017-18 Proposed Recharge Improvement Projects Budget

ALL OTHER EXPENSES

The fifth section of the Proposed FY 2017/18 budget relates to All Other Expenses, or expenses that do not fall into the other four categories. The largest component of this section is the Recharge Basin O&M expenses (account 7206). The FY 2017/18 budget is \$1,057,632 which is an increase of \$82,675 or 8.5% when compared to the FY 2016/17 budget of \$974,957.

The Recharge Basin O&M expenses are based upon the Agreement for Operations and Maintenance of Facilities to Implement the Chino Basin Recharge Master Plan. The Recharge O&M expenses are shared costs between IEUA and Watermaster. The pro-rata cost sharing methodology is based on the relative proportion of recycled water to the total water recharged in the basins.

The total FY 2017/18 budget for the Watermaster's portion of the shared costs for Recharge Basin O&M expenses are \$1,057,632. The following details are provided for the O&M costs:

- No adjustments(s) for previous years credits
- Prior year's budget: \$974,957

Operations & Maintenance											
Expenses	2017/18 Budget	Funding from CBWM	Funding from IEUA								
SBCFCD	\$12,000										
CBWCD	2,000										
IEUA – O&M		7000									
General Basin	797,317										
GWR Administration	455,319										
Specialty O&M	95,000										
Utilities	72,000										
General Allocation (10%)	143,364	•									
Operations & Maintenance (Pro-rata)	\$1,577,000	\$1,057,632	\$519,368								
Montclair Basin Gate Rehabilitation RW18001	\$75,000	37,500	37,500								
TOTAL	\$1,652,000	\$1,095,132	\$556,868								



Pro-rata cost share methodology is based on the relative proportion of recycled water to the total water recharged in the basins.



3

The detailed worksheets provided by IEUA for the FY 2017/18 budget are shown as Attachment 7.

Attachment 7: F:\FY 2017-18 Proposed Recharge O&M and Debt Service

The complete set of FY 2017/18 detailed documents have been uploaded to the FTP site at <u>F:\FY 2017-18 Proposed Budget\20170511 - Pool Meetings</u>

ATTACHMENTS

- 1. FY 2017-18 Proposed Budget F:\FY 2017-18 Proposed Budget
- 2. FY 2017-18 Proposed Staffing and Pay Schedule F:\FY 2017-18 Proposed Staffing and Pay Schedule
- 3. FY 2017-18 Proposed Legal Services Budget_\$964,783 F:\FY 2017-18 Proposed Legal Services Budget
- 4. FY 2017-18 Proposed Engineering Services Budget_\$3,683,729 F:\FY 2017-18 Proposed Engineering Budget
- 5. FY 2017-18 Ground-Level Monitoring Program & Northwest MZ1 Area Plan_\$1,813,684 F:\FY 2017-18 Ground-Level Monitoring Program & Northwest MZ1 Area Plan
- 6. FY 2017-18 Proposed Engineering Budget Narrative F:\FY 2017-18 Proposed Engineering Budget Narrative
- 7. FY 2017-18 Proposed Recharge O&M and Debt Service F:\FY 2017-18 Proposed Recharge O&M and Debt Service
- 8. FY 2017-18 Proposed Recharge Improvement Projects Budget F:\FY 2017-18 Proposed Recharge Improvement Projects

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CHINO BASIN WATERMASTER

IV. <u>INFORMATION</u>

1. Cash Disbursements for April 2017

	Туре	Date	Num	Name	Memo	Account	Paid Amount
	Bill Pmt -Check	04/03/2017	20034	CHEF DAVE'S CAFE & CATERING		1012 ⋅ Bank of America Gen'l Ckg	
	Bill	02/23/2017	6601		Lunch for 2/23/17 Watermaster Board meeting	6312 · Meeting Expenses	472.40
	Bill	03/23/2017	6643		Lunch for 3/23/17 Watermaster Board meeting	6312 · Meeting Expenses	600.69
TOTA	L.						1,073.09
	Bill Pmt -Check	04/03/2017	20035	FEENSTRA, BOB	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
	Bill	02/09/2017	2/11 Ag Pool Mtg		2/09/17 Ag Pool Meeting	8411 · Compensation	25.00
					2/09/17 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
	Bill	02/09/2017	2/09 Special Ag Mtg		2/09/17 Special Ag Pool Meeting	8411 · Compensation	25.00
					2/09/17 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
	Bill	02/23/2017	2/23 Board Mtg		2/23/17 Board Meeting	8411 · Compensation	25.00
					2/23/17 Board Meeting	8470 · Ag Meeting Attend -Special	100.00
	Bill	02/28/2017	1/12 Ag Pool Mtg		1/12/17 Ag Pool Meeting	8411 · Compensation	25.00
					1/12/17 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
	Bill	02/28/2017	1/17 Special Ag Mtg		1/17/17 Special Ag Pool Meeting	8411 · Compensation	25.00
					1/17/17 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
	Bill	03/02/2017	3/02 Special Ag Pool		3/02/17 Special Ag Pool Meeting	8411 · Compensation	25.00
┰					3/02/17 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
243	Bill	03/08/2017	3/08 Special Ag Mtg		3/08/17 Special Ag Pool Meeting	8411 · Compensation	25.00
$\overline{\omega}$					3/08/17 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
	Bill	03/09/2017	3/09 Ag Pool Mtg		3/09/17 Ag Pool Meeting	8411 · Compensation	25.00
					3/09/17 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
	Bill	03/10/2017	3/10 Storage Mtg		3/10/17 Storage Meeting	8411 · Compensation	25.00
					3/10/17 Storage Meeting	8470 · Ag Meeting Attend -Special	100.00
	Bill	03/15/2017	3/15 Storage Mtg		3/15/17 Storage Meeting	8411 · Compensation	25.00
					3/15/17 Storage Meeting	8470 · Ag Meeting Attend -Special	100.00
	Bill	03/16/2017	3/16 Advisory Comm		3/16/17 Advisory Committee Meeting	8411 · Compensation	25.00
					3/16/17 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	100.00
	Bill	03/20/2017	3/20 Special Ag Mtg		3/20/17 Special Ag Pool Meeting	8411 · Compensation	25.00
					3/20/17 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
	Bill	03/23/2017	3/23 Board Mtg		3/23/17 Board Meeting	8470 · Ag Meeting Attend -Special	125.00
TOTA	L						1,625.00
	Bill Pmt -Check	04/03/2017	20036	кини, вов	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
	Bill	02/03/2017	2/03 Conference Call		2/03/17 Conference call w/GM, Board Chairman	6311 · Board Member Compensation	125.00
	Bill	02/09/2017	2/09 Appro Pool		2/09/17 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00
	Bill	02/16/2017	2/16 Advisory Comm		2/16/17 Advisory Committee Meeting	6311 · Board Member Compensation	125.00
	Bill	02/21/2017	2/21 Conference Call		2/21/17 Conf. call w/GM, Board Chair, Vice Chair	6311 Board Member Compensation	125.00
	Bill	02/23/2017	2/23 Board Mtg		2/23/17 Board Meeting	6311 · Board Member Compensation	125.00
TOTA	L						625.00

	Туре	Date	Num	Name	Memo	Account	Paid Amount
	Bill Pmt -Check	04/03/2017	20037	LEVEL 3 COMMUNICATIONS	53149715	1012 ⋅ Bank of America Gen'l Ckg	
	Bill	03/27/2017	53149715		3/17/17-4/16/17	6053 · Internet Expense	1,044.82
TOTA	L					_	1,044.82
	Bill Pmt -Check	04/03/2017	20038	PURCHASE POWER	8000-9090-0016-8851	1012 ⋅ Bank of America Gen'l Ckg	
	Bill	03/06/2017	8000909000168851		Postage refill	6042 · Postage - General	500.00
TOTA	L					_	500.00
	Bill Pmt -Check	04/03/2017	20039	READY REFRESH BY NESTLE	0023230253	1012 ⋅ Bank of America Gen'l Ckg	
	Bill	03/27/2017	0023230253		Office Water Bottle - March 2017	6031.7 · Other Office Supplies	105.91
TOTA	L						105.91
	Bill Pmt -Check	04/03/2017	20040	VISION SERVICE PLAN	00-101789-0001	1012 ⋅ Bank of America Gen'l Ckg	
	Bill	03/27/2017	001017890001		Vision Insurance - April 2017	60182.2 · Dental & Vision Ins	85,60
TOTA	L					-	85.60
	Bill Pmt -Check	04/03/2017	20041	WILDERMUTH ENVIRONMENTAL INC		1012 ⋅ Bank of America Gen'l Ckg	
70	Bill	02/28/2017	2017052		2017052	6906.31 · OBMP-Pool, Adv. Board Mtgs	8,789.36
244	Bill	02/28/2017	2017053		2017053	6906.32 · OBMP-Other General Meetings	6,657.63
4	Bill	02/28/2017	2017054		2017054	6906.74 · OBMP-Mat'l Phy. Injury Requests	2,355.55
	Bill	02/28/2017	2017055		2017055	6906.71 · OBMP-Data ReqCBWM Staff	3,544.30
	Bill	02/28/2017	2017056		2017056	6906.71 · OBMP-Data ReqCBWM Staff	7,689.16
	Bill	02/28/2017	2017057		2017057	6906.72 · OBMP-Data ReqNon CBWM Staff	282.50
	Bill	02/28/2017	2017058		2017058	6906.23 · SGMA Reporting Requirements	5,080.40
	Bill	02/28/2017	2017059		2017059	6906 · OBMP Engineering Services	916.10
	Bill	02/28/2017	2017060		2017060	6906.1 · OBMP-Watermaster Model Update	52,349.40
	Bill	02/28/2017	2017061		2017061	6906.24 · Compliance-SB88 and SWRCB	74.50
	Bill	02/28/2017	2017062		2017062	6906.81 · Prepare 38th/39th Annual Rpts	6,198.15
	Bill	02/28/2017	2017063		2017063	6906.21 · State of the Basin Report	880.10
	Bill	02/28/2017	2017064		2017064	7103.3 · Grdwtr Qual-Engineering	7,019.49
	Bill	02/28/2017	2017065		2017065	7104.3 · Grdwtr Level-Engineering	11,013.12
	Bill	02/28/2017	2017066		2017066	7107.2 · Grd Level-Engineering	564.00
	Bill	02/28/2017	2017067		2017067	7107.2 · Grd Level-Engineering	5,291.79
	Bill	02/28/2017	2017068		2017068	7108.3 · Hydraulic Control-Engineering	242.20
	Bill	02/28/2017	2017069		2017069	7108.3 · Hydraulic Control-Engineering	260.40
	Bill	02/28/2017	2017070		2017070	7108.3 · Hydraulic Control-Engineering	1,302.65
	Bill	02/28/2017	2017071		2017071	7108.31 · Hydraulic Control - PBHSP	52,162.39
	Bill	02/28/2017	2017072		2017072	7109.3 · Recharge & Well - Engineering	1,721.40
	Bill	02/28/2017	2017073		2017073	7202.2 · Engineering Svc	11,378.67

	Туре	Date	Num	Name	Memo	Account	Paid Amount
	Bill	02/28/2017	2017074		2017074	7402 · PE4-Engineering	10,571.40
	Bill	02/28/2017	2017075		2017075	7402.10 · PE4 - Northwest MZ1 Area Proj.	11,818.50
	Bill	02/28/2017	2017076		2017076	7625 · Storage-OBMP PEIR-50/50 Split	19,804.90
	Bill	02/28/2017	2017077		2017077	7108.31 · Hydraulic Control - PBHSP	442.75
TOTA	L						228,410.81
	Bill Pmt -Check	04/03/2017	20042	BROWNSTEIN HYATT FARBER SCHRECK		1012 ⋅ Bank of America Gen'l Ckg	
	Bill	02/28/2017	672678		672678	6907.44 · SGMA Compliance	2,934.45
	Bill	02/28/2017	672679		672679	6907.42 · Safe Yield Recalculation	21,325.05
	Bill	02/28/2017	672680		672680	6907.40 · Storage Agreements	21,336.30
	Bill	02/28/2017	672681		672681	6907.39 · Recharge Master Plan	4,277.25
	Bill	02/28/2017	672682		672682	6072 · BHFS Legal - Annotated Judgment	2,927.25
					Expenses	6072 · BHFS Legal - Annotated Judgment	34.98
	Bill	02/28/2017	672683		672683	8575 · BHFS Legal - Non-Ag Pool	1,836.00
	Bill	02/28/2017	672684		672684	8475 · BHFS Legal - Agricultural Pool	1,836.00
	Bill	02/28/2017	672685		672685	8375 · BHFS Legal - Appropriative Pool	2,040.00
	Bill	02/28/2017	672686		672686	6375 · BHFS Legal - Board Meeting	3,832.50
					Expenses	6375 · BHFS Legal - Board Meeting	375.00
70	Bill	02/28/2017	672687		672687	6275 · BHFS Legal - Advisory Committee	765.00
24					Expenses	6275 · BHFS Legal - Advisory Committee	34.98
45	Bill	02/28/2017	672688		672688	6907.36 · Santa Ana River Habitat	3,520.50
	Bill	02/28/2017	672689		672689	6907.34 · Santa Ana River Water Rights	131.00
	Bill	02/28/2017	672690		Alvarez-CalPERS	6073 · BHFS Legal - Personnel Matters	956.00
					Personnel	6073 · BHFS Legal - Personnel Matters	220.50
	Bill	02/28/2017	672691		672691	6078 · BHFS Legal - Miscellaneous	21,092.50
					Expenses	6078 · BHFS Legal - Miscellaneous	34.98
					Expenses	8375 · BHFS Legal - Appropriative Pool	11.68
					Expenses	8475 · BHFS Legal - Agricultural Pool	11.68
					Expenses	8575 · BHFS Legal - Non-Ag Pool	11.69
TOTA	L						89,545.29
	General Journal	04/08/2017	04/08/2017	ICMA-RC	Payroll and Taxes for 03/25/17-04/08/17	1012 · Bank of America Gen'l Ckg	
					Direct Deposits for 03/25/17-04/08/17	1012 · Bank of America Gen'l Ckg	24,105.62
					Payroll Taxes for 03/25/17-04/08/17	1012 · Bank of America Gen'l Ckg	8,517.65
				ICMA-RC	457(f) Employee Deductions for 03/25/17-04/0	98/17 1012 · Bank of America Gen'l Ckg	4,399.88
				ICMA-RC	401(a) Employee Deductions for 03/25/17-04/0	08/17 1012 · Bank of America Gen'l Ckg	1,235.97
TOTA	L						38,259.12
	Bill Pmt -Check	04/10/2017	20043	APPLIED COMPUTER TECHNOLOGIES	2788	1012 ⋅ Bank of America Gen'l Ckg	
	Bill	03/31/2017	2788	LIED COM CIENTIFICOGEO	Database Consulting - March 2017	6052.2 · Applied Computer Technol	3,000.00
		00/0//2017	2.30		Balabaco Conduing - Maron 2011	7 Applied Computer Technici	0,000.00

	Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAI		, man and and and and and and and and and a					3,000.00
	Bill Pmt -Check	04/10/2017	20044	BOWCOCK, ROBERT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
	Bill	03/03/2017	3/03 Board Conf Call		3/03/17 Board Conference Call	6311 · Board Member Compensation	125.00
	Bill	03/23/2017	3/23 Board Mtg		3/23/17 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL	<u>L</u>						250.00
	Bill Pmt -Check	04/10/2017	20045	BUSINESS TELECOMMUNICATION SYSTEMS	i ∥ 12063	1012 · Bank of America Gen'l Ckg	
	Bill	04/05/2017	12063		1 year support plan	6054 · Computer Software	1,787.00
TOTAL	-				, , ,	, , , , , , , , , , , , , , , , , , , ,	1,787.00
	Bill Pmt -Check	04/10/2017	20046	CURATALO, JAMES	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
	Bill	03/03/2017	3/03 Special Board		3/03/17 Special Board Meeting	6311 · Board Member Compensation	125.00
	Bill	03/06/2017	3/06 Admin Mtg		3/06/17 Administrative Meeting w/PK and CVWD	6311 · Board Member Compensation	125.00
	Bill	03/16/2017	3/16 Special Board		3/16/17 Special Board Meeting	6311 · Board Member Compensation	125.00
	Bill	03/21/2017	3/21 Agenda Preview		3/21/17 Board Agenda Preview Meeting	6311 · Board Member Compensation	125.00
	Bill	03/23/2017	3/23 Board Mtg		3/23/17 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL	-						625.00
P							
24	Bill Pmt -Check	04/10/2017	20047	DE BOOM, NATHAN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
တ	Bill	03/02/2017	3/02 Special Ag Mtg		3/02/17 Special Ag Pool Meeting	8411 · Compensation	25.00
					3/02/17 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
	Bill	03/08/2017	3/08 Special Ag Mtg		3/08/17 Special Ag Pool Meeting	8411 · Compensation	25.00
					3//08/17 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
	Bill	03/10/2017	3/10 Ag Pool Mtg		3/10/17 Ag Pool Meeting	8411 · Compensation	25.00
					3/10/17 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
	Bill	03/20/2017	3/20 Special Ag Mtg		3/20/17 Special Ag Pool Meeting	8411 · Compensation	25.00
					3/20/17 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL	-						500.00
	Bill Dock Charle	0.4/4.0/0.047	000.40	DE III AN UENDY			
	Bill Pmt -Check	04/10/2017	20048	DE HAAN, HENRY	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
	Bill	03/02/2017	3/02 Special Ag Mtg		3/02/17 Special Ag Pool Meeting	8411 · Compensation	25.00
	Dill	00/00/00/7			3/02/17 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
	Bill	03/08/2017	3/08 Special Ag Mtg		3/08/17 Special Ag Pool Meeting	8411 · Compensation	25.00
	D.III				3/08/17 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
	Bill	03/10/2017	3/10 Ag Pool Mtg		3/10/17 Ag Pool Meeting	8411 · Compensation	25.00
	D.III				3/10/17 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
	Bill	03/20/2017	3/20 Special Ag Mtg		3/20/17 Special Ag Pool Meeting	8411 · Compensation	25.00
					3/20/17 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL	_						500.00

	Туре	Date	Num	Name	Memo	Account	Paid Amount
	Bill Pmt -Check	04/10/2017	20049	DI PRIMIO, ROBERT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
	Bill	03/03/2017	3/03 Special Board	·	•	6311 · Board Member Compensation	125.00
	Bill	03/16/2017	3/16 Board Conf Call		•	6311 · Board Member Compensation	125.00
	Bill	03/21/2017	3/21 Agenda Preview			6311 · Board Member Compensation	125.00
TOTA	L					·	375.00
	Bill Pmt -Check	04/10/2017	20050	ELIE, STEVEN	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
	Bill	03/03/2017	3/03 Special Board		3/03/17 Special Board Meeting	6311 · Board Member Compensation	125.00
	Bill	03/16/2017	3/16 Special Board		3/16/17 Special Board Meeting	6311 · Board Member Compensation	125.00
	Bill	03/23/2017	3/23 Board mtg		3/23/17 Board Meeting	6311 Board Member Compensation	125.00
TOTA	L						375.00
	Bill Pmt -Check	04/10/2017	20051	FEDAK & BROWN LLP	Progress Billing - Audit Services	1012 ⋅ Bank of America Gen'l Ckg	
	Bill	03/31/2017			March 2017	6062 · Audit Services	1,500.00
TOTA	L						1,500.00
	Bill Pmt -Check	04/10/2017	20052	FILIPPI, GINO	Board Member Compensation	1012 ⋅ Bank of America Gen'l Ckg	
٦	Bill	03/16/2017	3/16 Board Conf Call		3/16/17 Board Conference Call	6311 - Board Member Compensation	125.00
24 TOTA	Bill L	03/23/2017	3/23 Board Mtg		3/23/17 Board Meeting	6311 · Board Member Compensation	125.00 250.00
	Bill Pmt -Check	04/10/2017	20053	HUITSING, JOHN	•	1012 · Bank of America Gen'l Ckg	
	Bill	03/08/2017	3/08 Ag Conf Call		-	8411 · Compensation	25.00
					•	8470 · Ag Meeting Attend -Special	100.00
	Bill	03/10/2017	3/10 Ag Pool Mtg			8411 Compensation	25.00
					· ·	8470 · Ag Meeting Attend -Special	100.00
	Bill	03/20/2017	3/20 Confidential Ag		· ·	8411 · Compensation	25.00
					3/20/17 Ag Pool Confidential Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTA	L						375.00
	Bill Pmt -Check	04/10/2017	20054	IPSWITCH, INC.	IN595258	1012 · Bank of America Gen'l Ckg	
	Bill	03/27/2017	IN595258		1 year support for WS_FT{P server - WR-7000-080	6054 · Computer Software	270.00
TOTA	L						270.00
	Bill Pmt -Check	04/10/2017	20055	PAYCHEX	Payroll Services	1012 ⋅ Bank of America Gen'l Ckg	
	Bill	03/31/2017	2017033000		March 2017 - 3/17/17 payroll	6012 · Payroll Services	153.71
	Bill	03/31/2017	2017033000		March 2017 - 3/31/17 payroll	6012 · Payroll Services	148.18
TOTA	L						301.89

Туре	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	04/10/2017	20056	PIERSON, JEFFREY	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	7 P. C. A. Server 12 J. A. Real C.
Bill	03/02/2017	3/02 Special Ag Mtg		3/02/17 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	03/09/2017	3/09 Special Board		3/09/17 Special Board Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	03/10/2017	3/10 Ag Pool Mtg		3/10/17 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	03/10/2017	3/10 Special Ag Mtg		3/10/17 Special Ag Pool Meeting	8470 Ag Meeting Attend -Special	125.00
Bill	03/15/2017	3/15 Special Ag Mtg		3/15/17 Special Ag Pool Meeting	8470 Ag Meeting Attend -Special	125.00
Bill	03/16/2017	3/16 Advisory Comm		3/16/17 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	03/16/2017	3/16 Board Conf Call		3/16/17 Board Conference Call Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	03/16/2017	3/16 RIPCom Mtg		3/16/17 RIPCom Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	03/23/2017	3/23 Board Mtg		3/23/17 Board Meeting	8470 · Ag Meeting Attend -Special	125.00
TOTAL						1,125.00
Bill Pmt -Check	04/10/2017	20057	PREMIERE GLOBAL SERVICES	23283899	1012 · Bank of America Gen'l Ckg	
Bill	03/31/2017	23283899		Pool agenda prep call on 2/28	8312 · Meeting Expenses	2.02
				Pool agenda prep call on 2/28	8412 · Meeting Expenses	2.02
				Pool agenda prep call on 2/28	8512 · Meeting Expense	2.02
				Non-Ag Pool meeting call on 3/09	8512 · Meeting Expense	14.68
				Appropriative Pool storage call on 3/15	8312 · Meeting Expenses	6.18
70				Ag Pool storage call on 3/15	8412 · Meeting Expenses	6.18
248				Non-Ag Pool storage call on 3/15	8512 · Meeting Expense	6.18
œ				Board confidential call on 3/16	6312 · Meeting Expenses	6.89
				Fee - General	6022 · Telephone	49.00
				Fee - Confidential	6022 · Telephone	49.00
				WM coordination call on 2/27	6909.1 · OBMP Meetings	14.40
				DIR discussion call on 3/01	6909.1 · OBMP Meetings	9.65
				Board confidential call on 3/03	6312 · Meeting Expenses	16.28
				Budget discussion call on 3/06	6909.1 · OBMP Meetings	12.47
				Pool meetings check call on 3/08	8312 · Meeting Expenses	2.02
				Pool meetings check call on 3/08	8412 · Meeting Expenses	2.02
				Pool meetings check call on 3/08	8512 · Meeting Expense	2.02
				WM coordination call on 3/13	6909.1 · OBMP Meetings	9.00
				Appropriative Pool strategic planning call on 3/16	8312 · Meeting Expenses	6.07
				RIPCom meeting call on 3/16	7204 · Comp Recharge-Supplies	38.01
				WM coordination call on 3/20	6909.1 · OBMP Meetings	12.21
				Board agenda review call on 3/21	6312 · Meeting Expenses	11.30
				Service fee	6022 · Telephone	6.44
FOTAL						286.06
Bill Pmt -Check	04/10/2017	20058	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
Bill	04/01/2017	1394905143		Annual Unfunded Accrued Liability	60180 · Employers PERS Expense	3,590.95

	Туре	Date	Num	Name	Memo	Account	Paid Amount
TOTAL	L						3,590.95
	Bill Pmt -Check	04/40/2047	20050	DD EDANGUIGING INC	27270	4040 B I (A) O II O	
	Bill	04/10/2017 04/01/2017	20059 37273	RR FRANCHISING, INC.	37273 Monthly service April 2017	1012 · Bank of America Gen'l Ckg 6024 · Building Repair & Maintenance	740.00
TOTAI		04/01/2017	31213		Monthly Service April 2017	6024 · Building Repair & Maintenance	740.00
							740.00
	Bill Pmt -Check	04/10/2017	20060	STATE COMPENSATION INSURANCE FUND	1970970-16	1012 · Bank of America Gen'l Ckg	
	Bill	04/01/2017	1970970-16		Premium for 3/26/17-4/26/17	60183 · Worker's Comp Insurance	910.00
TOTAI	L						910.00
	Bill Pmt -Check	04/10/2017	20061	SWIFT, JOSH	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
TOT 41	Bill	03/23/2017	3/23 Board Mtg		3/23/17 Board Meeting	6311 · Board Member Compensation	125.00
TOTAI	L						125.00
	Bill Pmt -Check	04/10/2017	20062	UNION 76	7076-2245-3035-5049	1012 · Bank of America Gen'l Ckg	
	Bill	03/31/2017	7076224530355049		March 2017	6175 · Vehicle Fuel	55.04
TOTAL	L						55.04
Р2	Bill Pmt -Check	04/10/2017	20063	WESTERN MUNICIPAL WATER DISTRICT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
4	Bill	03/16/2017	3/16 Special Board		3/16/17 Special Board Meeting - Galleano	6311 · Board Member Compensation	125.00
9	Bill	03/23/2017	3/23 Board Mtg		3/23/17 Board Meeting - Galleano	6311 · Board Member Compensation	125.00
TOTA	L						250.00
	Bill Pmt -Check	04/10/2017	20064	YUKON DISPOSAL SERVICE	08-K2 213849	4042 Pank of America Carll Chr.	
	Bill	04/05/2017	08-k2 213849	TURON DISPUSAL SERVICE	Disporal Services - April 2017	1012 · Bank of America Gen'l Ckg 6024 · Building Repair & Maintenance	111.57
TOTAL		0 11 00/2011	00 NA 2100 N		Bioporal Colvidos / Ipili 2017	5521 Bahang Repair & Maintenance	111.57
							.,,,,
	Bill Pmt -Check	04/13/2017	20065	кини, вов	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
	Bill	03/03/2017	3/03 Special Board		3/03/17 Special Board Meeting	6311 · Board Member Compensation	125.00
	Bill	03/09/2017	3/09 Appro Pool Mtg		3/09/17 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00
	Bill	03/21/2017	3/21 Board Conf Call		3/21/17 Board Conference Call	6311 · Board Member Compensation	125.00
	Bill	03/23/2017	3/23 Board Mtg		3/23/17 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL	Bill	03/28/2017	3/28 Admin Mtg		3/28/17 Administrative Meeting (check signature)	6311 · Board Member Compensation	125.00
TOTAI	L						625.00
	Bill Pmt -Check	04/14/2017	ACH 041417	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
	General Journal	04/08/2017	04/08/2017	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 03/25/17-04/08/17	2000 · Accounts Payable	1,480.43
TOTAL	L						1,480.43
	General Journal	04/22/2017	17/04/06	Payroll and Taxes for 04/09/17-04/22/17	Payroll and Taxes for 04/09/17-04/22/17	1012 · Bank of America Gen'l Ckg	

	Туре	Date	Num	Name	Memo	Account	Paid Amount
					Direct Deposits for 04/09/17-04/22/17	1012 · Bank of America Gen'l Ckg	24,557.98
					Payroll Taxes for 04/09/17-04/22/17	1012 · Bank of America Gen'l Ckg	8,567.68
				ICMA-RC	457(f) Employee Deductions for 04/09/17-04/22/1	7 1012 · Bank of America Gen'l Ckg	4,399.88
				ICMA-RC	401(a) Employee Deductions for 04/09/17-04/22/	17 1012 · Bank of America Gen'l Ckg	1,235.97
TOTA	L						38,761.51
	Bill Pmt -Check	04/24/2017	20066	ACWA JOINT POWERS INSURANCE AUTHORIT	0475817	1012 · Bank of America Gen'l Ckg	
	Bill	04/13/2017	0475817		Prepayment - May 2017	1409 · Prepaid Life, BAD&D & LTD	138.38
					April 2017	60191 · Life & Disab.Ins Benefits	141.14
TOTA	L						279.52
	Bill Pmt -Check	04/24/2017	20067	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
	Bill	03/31/2017	XXXX-XXXX-XXXX-9341		UPS battery-CFO's PC	6055 · Computer Hardware	39.78
					Renewal of membership	6111 · Membership Dues	152.28
					Replace office wifi router	6055 · Computer Hardware	129.25
					Computer supplies	6055 · Computer Hardware	20.76
					Subscription to Office Manager Today	6112 · Subscriptions/Publications	90.44
					Miscellaneous office supplies	6031.7 · Other Office Supplies	31.89
P					Supplies for Board Room	6031.7 · Other Office Supplies	55.15
25					Registration-PK-2017 ACWA Spring Conference	6193.2 · Conference - Registration Fee	645.07
0					UPS battery for field operations	6055 · Computer Hardware	34.80
					Lunch for 3/09/17 special Ag Pool mtg	8412 · Meeting Expenses	56.25
					Computer parts	6055 · Computer Hardware	19.86
					Send check to copier leasing company	6042 · Postage - General	33.68
					Replenishment of FastTrak account	6174 · Public Transportation	23.18
					Supplies for GM laptop	6055 · Computer Hardware	74.22
					Surface pro laptop, supplies for GM	6055 · Computer Hardware	1,064.99
					Miscellaneous office supplies	6031.7 · Other Office Supplies	378.19
					Supplies for 3/23 staff meeting	6141.3 · Admin Meetings	12.45
					Miscellaneous office supplies	6031.7 · Other Office Supplies	32.30
					Miscellaneous office supplies	6031.7 · Other Office Supplies	25,69
					Flight-PK-2017 ACWA Spring Conference	6173 · Airfare/Mileage	170.17
					Miscellaneous office supplies	6031.7 · Other Office Supplies	12.06
					Miscellaneous office supplies	6031.7 · Other Office Supplies	71.00
					Signs for office security	6031.7 · Other Office Supplies	13.55
					Miscellaneous office supplies	6031.7 · Other Office Supplies	11.90
					Miscellaneous office supplies	6031.7 · Other Office Supplies	16.62
					Registration for AT-audioconference	6192 · Seminars - General	181.80
TOTA	L						3,397.33

	Type	Date	Num	Name	Memo	Account	Paid Amount
	Bill Pmt -Check	04/24/2017	20068	CALPERS	1394905143	1012 · Bank of America Gen'l Ckg	2000
	Bill	04/17/2017	1394905143		Medical Insurance Premium	60182.1 · Medical Insurance	8,172.69
TOTA	\L						8,172.69
	Bill Pmt -Check	04/24/2017	20069	CORELOGIC INFORMATION SOLUTIONS	81792507	4042 Ponk of America Coull Class	
	Bill	03/31/2017	81792507	CONCECCIÓ IN ONMATION SOLOTIONS	81792507	1012 · Bank of America Gen'l Ckg	00.50
		00/01/2017	017 02007		81792507	7103.7 · Grdwtr Qual-Computer Svc 7101.4 · Prod Monitor-Computer	62.50
TOTA	.L				017 92307	7 10 1.4 · Prod Monitor-Computer	62.50 125.00
	Bill Pmt -Check	04/24/2017	20070	CUCAMONGA VALLEY WATER DISTRICT		1012 · Bank of America Gen'l Ckg	
	Bill	04/17/2017		·	Office lease due May 1, 2017	1422 · Prepaid Rent	6,447.61
TOTA	.L						6,447.61
	Bill Pmt -Check	04/24/2017	20071	EUROFINS EATON ANALYTICAL		1012 · Bank of America Gen'l Ckg	
	Bill	03/31/2017	L0313612		L0313612	7108.41 · Hydraulic Control - PBHSP	3,140.00
	Bill	03/31/2017	L0315253		L0315253	7108.41 · Hydraulic Control - PBHSP	3,360.00
	Bill	03/31/2017	L0314246		L0314246	7108.41 · Hydraulic Control - PBHSP	2,512.00
	Bill	03/31/2017	L0315254		L0315254	7108.41 · Hydraulic Control - PBHSP	2,512.00
TOPA 25	L						11,524.00
<u> </u>	Bill Pmt -Check	04/24/2017	20072	FIRST LEGAL NETWORK LLC	40009175	1012 · Bank of America Gen'l Ckg	
	Bill	03/31/2017	40009175		Filings on 3/10/17 and 3/24/17	6061.5 · Court Filing Services	333.05
TOTA	L						333.05
	Bill Pmt -Check	04/24/2017	20073	FRONTIER COMMUNICATIONS	909-484-3890-050914-5	1012 · Bank of America Gen'l Ckg	
	Bill	04/17/2017	9094843890050314-5		Office fax and main lines	6022 · Telephone	139.63
TOTA	L						139.63
	Bill Pmt -Check	04/24/2017	20074	INLAND EMPIRE UTILITIES AGENCY	1800003153	1012 ⋅ Bank of America Gen'l Ckg	
	Bill	03/31/2017	1800003153		4160.2 AF @ \$2 OCWD Inv. 17286 OC-59 Oct. 20		8,320.40
					60.0 AF @ \$2	5011 · Replenishment Water	120.00
TOTA	L						8,440.40
	Bill Pmt -Check	04/24/2017	20075	LEGAL SHIELD	0111802	1012 · Bank of America Gen'l Ckg	
	Bill	04/17/2017	0111802		Employee deductions - April 2017	60194 · Other Employee Insurance	79.70
TOTA	L						79.70
	Bill Pmt -Check	04/24/2017	20076	MINDSHIFT	0243133	1012 · Bank of America Gen'l Ckg	
	Bill	04/01/2017	0243133		IT Managed Services	6052.4 · mindSHIFT-Managed Services	3,770.00
					Backup & Recovery	6052.5 · mindSHIFT-Data Backup/Storage	792.00
							<u> </u>

	Туре	Date	Num	Name	Memo Memo	Account	Paid Amount
TOTAI	L						4,562.00
	Bill Pmt -Check	04/24/2017	20077	PIETERSMA, RONALD	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
	Bill	03/10/2017	3/10 Ag Pool Mtg		3/10/17 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
TOTAI	<u>.</u>						125.00
	Bill Pmt -Check	04/24/2017	20078	PITNEY BOWES CREDIT CORPORATION	3101157628	1012 · Bank of America Gen'l Ckg	
	Bill	04/13/2017	3101157628		Postage meter lease	6044 · Postage Meter Lease	401.91
TOTAI	L					-	401.91
	Bill Pmt -Check	04/24/2017	20079	RAUCH COMMUNICATION CONSULTANTS, L	•	1012 · Bank of America Gen'l Ckg	
TOTAL	Bill	03/31/2017	Apr-1702		AR39 - February and March 2017	6061.3 · Rauch	17,162.50
TOTAI	L						17,162.50
	Bill Pmt -Check	04/24/2017	20080	STAULA, MARY L	Retiree Medical	1012 · Bank of America Gen'l Ckg	
	Bill	04/30/2017				60182.4 · Retiree Medical	22.24
TOTAL	L.						22.24
_							
P25	Bill Pmt -Check	04/24/2017	20081	UNITED HEALTHCARE	0043269125	1012 · Bank of America Gen'l Ckg	
51 T 01 AI	Bill	04/17/2017	0043269125		Dental Insurance Premium - May 2017	60182.2 · Dental & Vision Ins	749.75
TOTAL	L						749.75
	Bill Pmt -Check	04/24/2017	20082	VANDEN HEUVEL, GEOFFREY	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
	Bill	03/02/2017	3/02 Special Ag Mtg		3/02/17 Special Ag Pool Meeting	6311 · Board Member Compensation	125.00
	Bill	03/03/2017	3/03 Special Board		3/03/17 Special Board Meeting	6311 · Board Member Compensation	125.00
	Bill	03/08/2017	3/08 Special Ag Pool		3/08/17 Special Ag Pool Meeting	6311 · Board Member Compensation	125.00
	Bill	03/10/2017	3/10 Ag Pool Mtg		3/10/17 Ag Pool Meeting	6311 · Board Member Compensation	125.00
TOTAL	L						500.00
	Bill Pmt -Check	04/24/2017	20083	VERIZON WIRELESS	9783301294	1012 · Bank of America Gen'l Ckg	
	Bill	04/13/2017	9783301294		Acct #470810953-00001	6022 · Telephone	336.98
TOTAL	L					·	336.98
	Bill Pmt -Check	04/24/2017	20084	CUCAMONGA VALLEY WATER DISTRICT		1012 · Bank of America Gen'l Ckg	
TOTAL	Bill	03/29/2017	3/29 Workshop		Registration-Joswiak & Truong-3/29/17 Leadershi	p 6192 · Seminars - General	120.00
TOTAI	L-						120.00
	Bill Pmt -Check	04/26/2017	20085	KAVOUNAS, PETER	Travel Expense Reimbursement	1012 · Bank of America Gen'l Ckg	
	Bill	04/18/2017			Travel Expense Reimbursement	6191 · Conferences - General	155.05
TOTAL	L						155.05

Туре	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check General Journal TOTAL	04/27/2017 04/22/2017	ACH 042717 04/22/2017	PUBLIC EMPLOYEES' RETIREMENT SYSTEM PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493 CalPERS R+J2etirement for 04/09/17-04/22/17	1012 · Bank of America Gen'l Ckg 2000 · Accounts Payable	1,479.04 1,479.04
					Total Disbursements:	483,997.49

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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, April 20, 2017 @ 9:30 a.m.

Where:

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

Topics:

- 1. Introductions
- 2. New/Old Projects consideration
 - a) Open forum for potential new projects
- 3. IEUA/CBWM joint projects
 - a) Status updates
 - I. Montclair Basin
 - b) Budget updates
- 4. RMPU Implementation updates
 - a) Sustainability projects
 - b) Contact with sand and gravel companies (No updates)
 - c) AP New Yield and cost allocation agreement (No updates)
 - d) Flood Control and water conservation agreement (No Updates)
 - e) Agreement with property owners (No updates)
 - f) MS4- (No Updates)

Next Meeting Date: Thursday, May 18, 2017 @ 9:30 A.M.

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Recharge Investigation and Projects Committee, PAGE 1 OF 2

[1A]	[1B]	[1C]	[1D]	[1E]	[1F]	[1G]	[1H]	[11]	[1J]	[1K]	[1L]	[1M]	[1N]	[10]		[1P]	[10]
					Lifetime of Project TOTAL PROJECT BUDGET PERCENT COST SHARE BUDGET ALLOCATION IEUA PROJECT COSTS CBWM PROJECT COSTS												
Project Name	Project Status	Anticipated (Or Actual) Project Completion Date	Project Cost To Date	Original Budget	Proposed Revised Budget	Approved Revised Budget	IEUA	OST SHARE CBWM	Grant Funding	IEUA	CBWM	Actual Cost To Date	Remaining Balance Available (Based on Project Budget)	Actual Share (Based on Actual Cost To Date)	Pending Invoices	Invoices Paid To Date	Remaining Balance Available (Based on Project Budget)
Pre-RMPU Ongoing Projects GWR SCADA Upgrades (Task No. 4) ³	Construction	4/14/2017	\$ 516,103	\$ 892,000	\$ -	\$ 892,000	50%	50%	\$ 139,650	\$ 376,175	\$ 421,875	\$ 217,651	\$ 158,524	\$ 258,052	\$ 19,788	\$ 152,814	\$ 269,061
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)
Upper Santa Ana River Habitat Conservation Plan (Task No. 7)	Investigation	12/30/2017	\$ 84,326	\$ 160,000	\$ -	\$ 160,000	50%	50%	\$ -	\$ 80,000	\$ 80,000	\$ 42,163	\$ 37,837	\$ 42,163		\$ 42,163	\$ 37,837
East Declez Basin (1st Amendment - Task No. 1)	Canceled	4/7/2016	\$ 112,445	\$ -	\$ -	\$ 3,665,000 *	-	100%	\$ -	\$ -	\$ 114,000	\$ -	\$ -	\$ 112,445		\$ 112,829	\$ 1,171
SUBTOTAL PRE-RMPU PROJECTS			\$ 1,939,970	\$ 2,297,000	\$ 1,227,096	\$ 5,944,096			\$ 332,500	\$ 973,298	\$ 1,132,998	\$ 776,937	\$ 196,361	\$ 929,783	\$ 19,788	\$ 833,881	\$ 299,117
RMPU Projects San Sevaine Improvements (Task No. 8)	Design	6/22/2018	\$ 707,924	\$ 2,500,000	\$ -	\$ 6,460,000	50%	50%	\$ 1,125,000	\$ 2,667,500	\$ 2,667,500	\$ 292,320	\$ 2,375,180	\$ 353,962	\$ 32,036	\$ 300,234	\$ 2,367,266
2013 RMPU Amendment Yield Enhancement Projects (Task No. 1)	Pre-Design	2/9/2018	\$ 1,109,750	\$ 8,122,500	\$ -	\$ 3,825,500 **	7%	93%	\$ -	\$ 250,250	\$ 3,575,250	\$ 72,596	\$ 177,654	\$ 1,037,154	\$ 252,584	\$ 626,371	\$ 2,948,879
Lower Day Basin RMPU Improvement Project (Task No. 2)	Pre-Design	6/28/2019	\$ 256,802	\$ 2,480,000	\$ -	\$ 2,480,000	0%	100%	\$ 1,125,000	\$ -	\$ 1,355,000	\$ -	\$ -	\$ 256,802	\$ 23,402	\$ 216,358	\$ 1,138,642
2013 RMPU Amendment Yield Enhancement Projects Construction	Pending - Note ¹	12/31/2019	\$ -	\$ -	\$ 38,622,500	\$ -	0%	100%	\$ -	\$ -	\$ 38,622,500	\$ -	\$ -	\$ -		\$ -	\$ 38,622,500
2013 RMPU Amendment - Victoria Basin Construction	Pending - Note ²	12/31/2019	\$ -	\$ -	\$ 130,000	\$ -	50%	50%	\$ -	\$ 65,000	\$ 65,000	\$ -	\$ 65,000	\$ -		\$ -	\$ 65,000
2013 RMPU Amendment - RP-3	Pending - Note ²	12/21/2010	خ	ė	\$ 3,300,000	٥	50%	50%		\$ 1,650,000	\$ 1,650,000	\$ -	\$ 1,650,000			\$ -	\$ 1,650,000
Construction SUBTOTAL RMPU PROJECTS				\$ 13,102,500	 	\$ 12,765,500	30%	50%	\$ 2,250.000		\$ 47,935,250	\$ 364,916	+	\$ 1,647,918	\$ 308,022	\$ 1,142,963	
GRAND TOTALS					\$ 43,279,596				† · · · · · · · · · · · · · · · · · · ·		\$ 49,068,248			\$ 2,577,701			

4/14/2017

Updated:

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 Declez Project of \$3,665,000 and adds \$114,000 due from CBWM for feasability 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).

1 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.

² 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.

³ 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]	[28]	[2C]	[2D]	[2E]	[2F]	[2G]	[2H]	[21]	[2J]	[2K]	[2L]	[2M]	[2N]	[20]
				CBWI	VI Fiscal Year 20	016/17					CE	WM Future Ye	ars	
	V	CURRENT YEAR	CBWM BUDGET				NT YEAR CBWM A	CTUALS			CBWM FUTURE E	BUDGET NEEDS		
Project Name	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 ¹	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
Pre RMPU Ongoing Projects														
GWR SCADA Upgrades (7690.61) (Task No. 4)	\$ 318,00	.8 \$ -	\$ -	\$ 318,018	\$ 48,957	\$ 269,061	\$ -	\$ 269,061	No	\$ -	\$ -	\$ -	\$ -	\$ -
COMMUNICATION Upgrades (7690.62) (Task No. 3)	\$ (8,95	\$ -	\$ -	\$ (8,952) \$ -	\$ (8,952	\$ -	\$ (8,952) No	\$ -	\$ -	\$ -	\$ -	\$ -
CB20 Noise Mitigation (7690.5) COMPLETED	\$ 86	50 \$ -	\$ -	\$ 860	\$ -	\$ -	\$ 860	\$ -	No	\$ -	\$ -	\$ -	\$ -	\$ -
Upper Santa Ana River Habitat Conservation Plan (7690.7) (Task No. 7)	\$ 37,83	7 \$ -	\$ -	\$ 37,837	\$ -	\$ 37,837	\$ -	\$ 37,837	No	\$ -	\$ -	\$ -	\$ -	\$ -
East Declez Basin (1st Amendment - Task No. 1)	\$ -	\$ 114,000	\$ -	\$ 114,000	\$ 112,829	\$ 1,171	\$ -	\$ 1,171	No	\$ -	\$ -	\$ -	\$ -	\$ -
Wineville Proof of Concept (7209.2) (Task No. 6) COMPLETED	\$ 35,39	8 \$ -	\$ -	\$ 35,398	\$ -	\$ -	\$ 35,398	\$ -	No	\$ -	\$ -	\$ -	\$ -	\$ -
Jurupa Pump Station (7209.1) (Task No. 5) COMPLETED	\$ 37,98	1 \$ -	\$ -	\$ 37,981	\$ -	\$ -	\$ 37,981	\$ -	No	\$ -	\$ -	\$ -	\$ -	\$ -
Hickory Basin (7690.3) COMPLETED	\$ 3,87	7 \$ -	\$ -	\$ 3,877	\$ -	\$ -	\$ 3,877	\$ -	No	\$ -	\$ -	\$ -	\$ -	\$ -
SUBTOTAL PRE-RMPU PROJECTS	\$ 425,01	9 \$ 114,000	\$ -	\$ 539,019	\$ 161,786	\$ 299,117	\$ 78,116	\$ 299,117	No	\$ -	\$ -	\$ -	\$ -	\$ -
RMPU Projects San Sevaine Improvements (7690.4) (Task No. 8)	\$ 1,360,58	3 \$ 1,065,600	\$ -	\$ 2,426,183	\$ 58,917	\$ 2,367,266	\$ -	\$ 2,367,266	No	\$ -	\$ -	\$ -	\$ -	\$ -
2013 RMPU Amendment Yield Enhancement Projects (7690.15) (Task No. 1)	\$ 467,27	0 \$ 1,550,000	\$ -	\$ 2,017,270	\$ 523,891	\$ 1,493,379	\$ -	\$ 2,948,879	Yes	\$ -	\$ 1,455,500	\$ -	\$ -	\$ -
Lower Day Basin RMPU Improvement Project (7690.8) (Task No. 2)	\$ 2,69	9 \$ 140,000	\$ -	\$ 142,699	\$ 30,057	\$ 112,642	\$ -	\$ 1,138,642	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	\$ -
SUBTOTAL RMPU PROJECTS	\$ 1,830,55	2 \$ 2,755,600	\$ -	\$ 4,586,152	\$ 612,865	\$ 3,973,287	\$ -	\$ 46,792,287		\$ -	\$ 11,139,000	\$ 22,880,000	\$ 8,800,000	\$ -
GRAND TOTALS	\$ 2,255,57	1 \$ 2,869,600	\$ -	\$ 5,125,171				\$ 47,091,404			\$ 11,139,000		\$ 8,800,000	

NOTES:

1 \$78,116 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. CB20 Noise Mitigation of \$860; Wineville Project of \$35,398; Jurupa Pump Station of \$37,981; and Hickory Basin of \$3,877 = \$78,116. Updated: 4/14/2017

Non-RMPU Ongoing Projects



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GWR AND RW SCADA UPGRADES PROJECT NO. EN14047 STATUS UPDATE: April 3, 2017

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 (RW) and groundwater recharge (GWR) 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 Buc</u> \$892,000		Actual Cost (\$516,10		
<u>Phase</u>	<u>Start</u>	<u>Finish</u>	<u>Status</u>	Projected Cost	Actual Cost
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	05/31/17	In Progress	\$413,678	\$325,666
			-	\$610,490	\$516,103

^{*}Received bids reduced projected construction cost.

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:

Since last month, the following tasks were completed:

• Import Upgraded SCADA application onto IEUA server

SCADA testing is ongoing until project completion. The project schedule was extended by the contractor to address more extensive field testing before finalizing the project for completion. The anticipated construction completion date is now May 31, 2017.

Project Photos:



San Sevaine Turnout control panel



Turner Basin control panel





\$160,000

UPPER SANTA ANA RIVER WATERSHED HABITAT CONSERVATION PLAN PROJECT NO. RW15002 STATUS UPDATE: April 3, 2017

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:

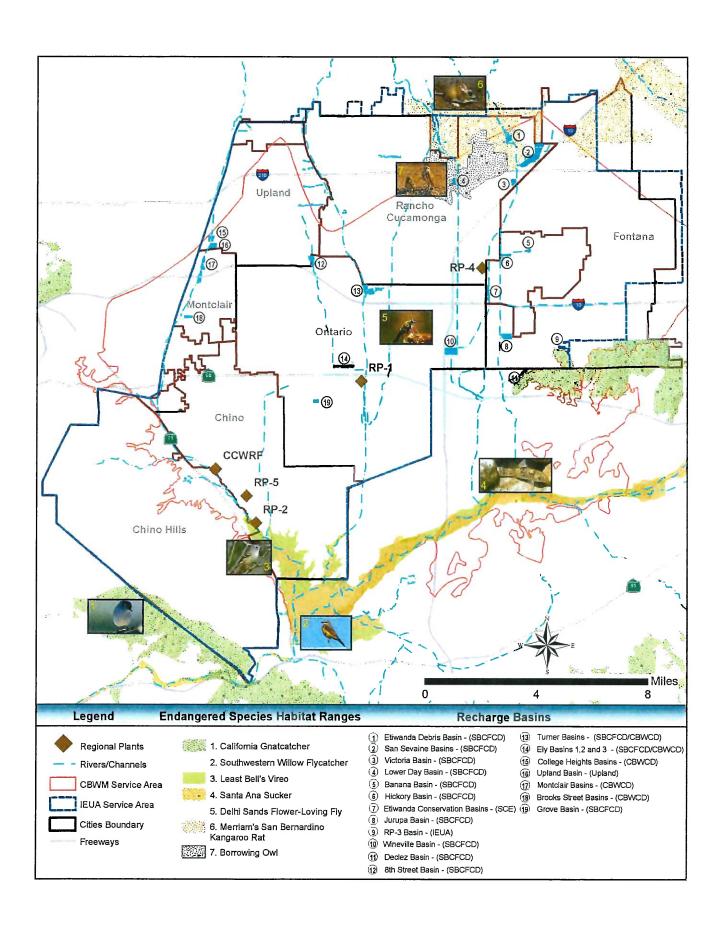
	Project Budg	<u>get</u>	Actual Cost		
	\$160,000		\$84,3	26	
<u>Phase</u>	<u>Start</u>	Finish	<u>Status</u>	Projected Cost	Actual Cost
Investigate/Plan	07/01/14	07/01/18	In Progress	\$160,000	\$84.326

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

Project Update:

The project is gaining momentum since it is in the modeling phase of the study. Results of the model is expected within the next six-months. Further extensions to the schedule were added to address additional time to verify and confirm data inputs for the model. The above is a revised schedule which pushes the end date to July 1, 2018. The extended schedule is not anticipated to impact the total project cost.

\$84,326



RMPU PROJECTS



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SAN SEVAINE IMPROVEMENTS PROJECT PROJECT NO. EN13001 STATUS UPDATE: April 3, 2017

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 Sevaine 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 tying it 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 Bud</u> \$6,295,00		Actual Cos \$707		
<u>Phase</u>	<u>Start</u>	<u>Finish</u>	<u>Status</u>	Projected Cost	Actual Cost
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	12/12/16	Completed	\$500,000	\$453,911
Permits	05/15/13	05/01/17	In Progress	\$25,000	\$25,000
Bid and Award	12/13/16	06/21/17	In Progress	\$5,000	\$5,000
Construction	06/22/17	06/22/18	Not Started	\$5,740,000	\$39,962
				\$6,460,000	\$707,924

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)
- 1st Amendment Task Order No. 8 of the Master Agreement of 2014 (April, 2015)

Project Update:

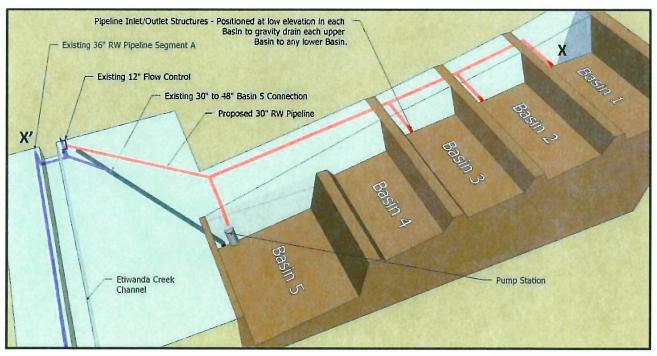
As mentioned in the last update, the following 17 eligible contractors were pre-selected to bid on the construction:

- Atkinson Construction
- Canyon Springs Enterprises

- CCL Contracting, Inc.
- CDM Constructors, Inc.
- E. J. Meyers Company
- Environmental Construction
- Ferreira Construction Co.
- Gwinco Construction & Engineering
- H & H General Contractors, Inc.
- J. F. Shea Construction, Inc.
- J. R. Filanc Construction Co.
- L. H. Woods & Sons, Inc.
- Mike Bubalo Construction Co., Inc.
- Norstar Plumbing & Engineering, Inc.
- Reyes Construction, Inc.
- SCW Contracting Corporation
- W. M. Lyles Co.

Construction bidding started on March 14 with an expected award date of June 2017. The delay was due to coordinate the construction award date with the expected SRF loan which is current delayed for state approval. A cost share amendment is pending to reflect the recent addition of available grant funding.

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





2013 RMPU AMENDMENT YIELD ENHANCEMENT PROJECTS PROJECT NO. RW15003.00 STATUS UPDATE: April 3, 2017

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.

10	Basin	Vov Due i est la company		inal J Yield	Adjusted Yield ⁽¹⁾	
ID	Projects	Key Project Improvements	SW	RW	SW	RW
				acre-feet	per year	
18a	CSI Storm	New storage and recharge facility by	81		100	
100	Water Basin	deepening basin <i>(Pending)</i>	01	1.7	100	-
	Wineville,	Improve storage and recharge capacity with				
23a	Jurupa, and	pumps/conveyance systems between basins	3,166	2,905	2,921	2,905
	RP3	and provide new diversion structures				
27	Declez Basin	Improve capacity by modifying existing/adding	241		507	24
27		new structures (<i>Deferred</i>)	241		307	-
11	Victoria Basin	Improve the infiltration rate and increase	43	120	75	120
11		storage by removing settled deposits	45		/5	120
14	Turner Basin	Increase storage and recharge by raising the	66	15	23	
14		spillway height <i>(Deferred)</i>	00			0.55
15a	Ely Basin	Improve storage and recharge by deepening	221	-	101	
134	Liy basiii	basin (<i>Deferred</i>)	221		101	
2	Montclair	Increase storage and recharge capacity by	248		233 ⁽²⁾	
	Basins	directing more channel flow (Pending)	240	-	255	-
25a	Sierra	Improve storage and recharge by removing	C 1			
25a	Sierra	40,000 CY <i>(Removed-no longer feasible)</i>	64	-		
170	Lower San	Construct a new storage flow through basin	1 221	500		
17a	Sevaine Basin	(Removed-no longer feasible)	1,221	_		
			5,351	3,025	3,960	3,025

- (1) Adjusted further to reflect new values as adopted during the completion of the PDR
- (2) Pending value change to 96 AFY per after recent modelling review

Schedule:

<u>Amen</u>	ded Soft Cos	<u>st*</u>	Actual Cost to Date				
\$	3,825,500		\$1,109,750				
Soft Cost Phases	<u>Start</u>	<u>Finish</u>	<u>Status</u>	Projected Cost	Actual Cost		
Project Development	07/01/14	06/17/15	Completed	\$27,000	\$3,476		
Preliminary Design	06/25/15	06/17/17	In Progress	\$735,000	\$735,000		
Environmental	02/19/15	06/15/17	In Progress	\$325,000	\$325,000		
Design	06/22/17	02/09/18	Not Started	\$2,638,500	\$46,274		
Permits	11/17/16	02/09/18	Not Started	\$100,000	27		
				\$3,825,500	\$1,109,750		

April 3, 2017 Page 1

*PID 25a and PID 17a are removed from the design and not included within the total soft cost. **Grant/Loan Update**:

Recently, RP-3 Basin Improvements was awarded a \$300K grant from the US Bureau of Reclamation. IEUA recently responded to two funding opportunity announcements from US Bureau of Reclamation which are the following:

- USBR Water Use Efficiency's \$750,000 grant (Wineville/Distribution System)
- USBR Drought Resiliency's \$697,500 grant (Jurupa Basin Project)

Cost Sharing Document:

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

Project Update:

IEUA is finalizing the following:

- 1) Released the Design RFP on March 15. Contract award for design services is scheduled for June 2017. The late award date was due to coordinating the award date with the expected SRF planning loaning and addressing the concerns noted below for the Montclair Basin.
- 2) Conducting additional evaluation of the Montclair Basin project.
 - a) Recently received comments from Chino Basin Water Conservation District's engineering required further preliminary evaluation
 - b) Presenting findings at the next RIPCom Meeting.
- 3) Pending an amendment to the cost share of this project to reflect the reduced projects that were authorized for final design, bid, and construction. Separate task order shall be created for the individually approved projects. The above soft cost will be amended to only reflect the final cost associated to the deferred projects.





LOWER DAY RMPU IMPROVEMENTS PROJECT NO. RW15004 STATUS UPDATE: April 3, 2017

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 RMPU, this project proposes to increase the recharge capacity of the basin by 789 acre-feet per year.

Schedule:

	<u>Project Buo</u> \$2,480,0		Actual Cost \$256,		
<u>Phase</u>	<u>Start</u>	<u>Finish</u>	<u>Status</u>	Projected Cost*	Actual Cost
Project Development	07/01/14	12/17/14	Completed	\$25,000	\$24,790
Pre-Design	12/18/14	11/16/16	Completed	\$159,000	\$151,309
Environmental Impact	12/18/14	04/20/16	Completed	\$44,000	\$43,313
Permits	12/18/14	01/08/18	In Progress	\$170,000	\$37,390
Design	06/22/17	03/12/18	Not Started	\$278,000	-
Bid and Award	03/13/18	06/20/18	Not Started	9,000	-
Construction	03/22/18	06/28/19	Not Started	\$3,323,000	:=
				\$4,008,000	\$256,802

^{*}Projected cost is updated to reflect the proposed design cost

Grant/Loan Update:

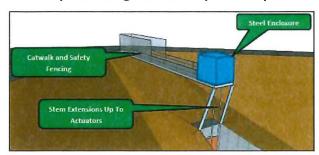
Awarded a \$750,000 state grant from the Department of Water Resources through the Santa Ana Watershed Project Authority as part of Proposition 84 and a \$375,000 federal grant from the US Bureau of Reclamation.

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

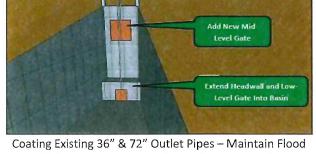
Project Update:

The project is currently in the process of soliciting design services to prepare the final design. IEUA is anticipating to award these services by June 2017 which is in parallel to the other RMPU projects that recently completed preliminary design. Design is schedule for a March 2018 completion date. An amendment to the cost sharing agreement is pending to adjust the above budget and cost share.

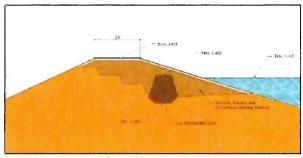
Conceptual Design of the Proposed Improvements:



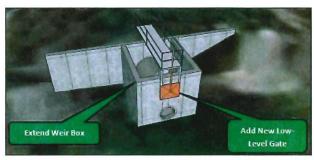
Mid-level Outlet Modifications – Increase Storage to the Lower Basin



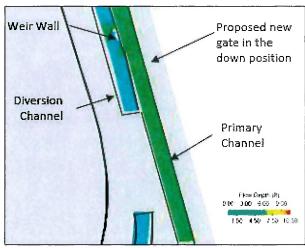
Control requirements of immediate dewatering



Reconstruction of Southern Berm - Prevent Seepage



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



Water Flow Simulation of Channel with Proposed New Gate



An Obermeyer Weir Wall example in Mendocino, California