

CHINO BASIN WATERMASTER



NOTICE OF MEETINGS

Thursday, November 8, 2018

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

Tuesday, November 13, 2018

- 1:00 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, November 8, 2018

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

Tuesday, November 13, 2018

- 1:00 p.m. – Agricultural Pool Meeting

POOL AGENDAS

**CHINO BASIN WATERMASTER
APPROPRIATIVE POOL MEETING**

9:00 a.m. – November 8, 2018

WITH

Ms. Teri Layton, Chair

Mr. Van Jew, 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

Approve as presented:

1. Minutes of the Appropriative Pool Meeting held October 11, 2018 *(Page 1)*

B. FINANCIAL REPORTS

Receive and file as presented:

1. Cash Disbursements for the month of September 2018 *(Page 15)*
2. Watermaster VISA Check Detail for the month of September 2018 *(Page 27)*
3. Combining Schedule for the Period July 1, 2018 through September 30, 2018 *(Page 31)*
4. Treasurer's Report of Financial Affairs for the Period July 1, 2018 through September 30, 2018 *(Page 35)*
5. Budget vs. Actual Report for the Period July 1, 2018 through September 30, 2018 *(Page 39)*

C. APPLICATION FOR RECHARGE *(Page 69)*

Recommend Advisory Committee to recommend to the Watermaster Board to approve Fontana Water Company's Application for Recharge and direct Watermaster staff to account for this supplemental water recharged in Fontana Water Company's existing Local Supplemental Storage account.

II. BUSINESS ITEMS

A. FISCAL YEAR 2018/19 ASSESSMENT PACKAGE *(Page 87)*

Recommend Advisory Committee approval of the Fiscal Year 2018/19 Assessment Package indicating the preferred version, including no credit for Stormwater New Yield, and postponing the assessment of Desalter Replenishment Obligation.

B. RESOLUTION TO LEVY REPLENISHMENT AND ADMINISTRATIVE ASSESSMENTS FOR FISCAL YEAR 2018/19 *(Page 95)*

Review Resolution 2018-05 as presented, and offer advice to Watermaster.

C. CALENDAR YEAR 2019 APPROPRIATIVE POOL VOLUME VOTE *(Page 101)*

Approve the Calendar Year 2019 Appropriative Pool Volume Vote as presented subject to Advisory Committee and Board approval of the 2018/19 Assessment Package at the November 15, 2018 meetings.

D. WATERMASTER REAPPOINTMENT *(Page 113)*

Recommend future Watermaster appointment to the Advisory Committee.

E. FISCAL YEAR 2017/18 ANNUAL REPORT OF THE GROUND-LEVEL MONITORING COMMITTEE *(Page 121)*

Recommend to the Advisory Committee to recommend to the Watermaster Board to approve the 2017/18 Annual Report of the Ground-Level Monitoring Committee, along with filing a copy with the Court.

F. SAFE YIELD RESET-RELATED AGREEMENT (DISCUSSION AND POTENTIAL ACTION)
*(Page 125)***G. AMENDMENT OF POOLING PLAN FOR THE OVERLYING (NON-AGRICULTURAL) POOL**
(Page 155)

Consider the proposed amendment to the NAP Pooling Plan and take appropriate action.

H. FISCAL YEAR 2018/19 EXHIBIT "G" PHYSICAL SOLUTION TRANSFER RATE SUBSTITUTION
(Page 159)

Consider approval of the Non-Agricultural Pool's proposed FY 2018/19 substitute Physical Solution Transfer rate of \$655.00 per acre-foot based on three conditions: (a) the Court does not enter an order on or prior to December 31, 2018 authorizing the Non-Agricultural Pool Committee to establish the price in connection with its now pending motion to amend the Non-Agricultural Pool Pooling Plan; (b) the Appropriative Pool Committee agrees to such price on or prior to November 15, 2018; and (c) the Court enters an order approving such price as a negotiated price for the current 2018/2019 fiscal year, and, recommend Advisory Committee approval, and approve Watermaster legal counsel's filing of motion for Court approval of the same.

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

1. December 28, 2018 Hearing

B. ENGINEER REPORT

1. Salinity Management Update
2. Impact Analysis of Chino Airport Plume Remedy on Groundwater Levels

C. CFO REPORT

1. Fiscal Year 2018/19 Assessment Invoicing

D. GM REPORT

1. Annual Finding of Substantial Compliance with the Recharge Master Plan
2. Watermaster Board Meeting Frequency
3. 40th Judgment Anniversary Commemoration
4. December Meeting Schedule
5. Other

IV. INFORMATION

1. Cash Disbursements for October 2018 *(Page 161)*
2. Recharge Investigations and Projects Committee (RIPCom) *(Page 175)*

V. POOL MEMBER COMMENTS

VI. OTHER BUSINESS

VII. CONFIDENTIAL SESSION - POSSIBLE ACTION

A Confidential Session may be held during the Pool Committee meeting for the purpose of discussion and possible action.

1. Appropriative Pool Strategic Planning Discussion

VIII. FUTURE MEETINGS AT WATERMASTER

11/08/18	Thu	9:00 a.m.	Appropriative Pool
11/08/18	Thu	11:00 a.m.	Non-Agricultural Pool
11/13/18	Tue	1:00 p.m.	Agricultural Pool*
11/15/18	Thu	8:00 a.m.	Appropriative Pool Strategic Planning (Confidential Session Only)
11/15/18	Thu	9:00 a.m.	Advisory Committee
11/15/18	Thu	11:00 a.m.	Watermaster Board**

*Rescheduled from 11/08/18

**Rescheduled from 11/22/18 due to the Thanksgiving Holiday

ADJOURNMENT

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

11:00 a.m. – November 8, 2018

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

Receive and file as presented:

1. Minutes of the Non-Agricultural Pool Meeting held October 11, 2018 *(Page 5)*
2. Minutes of the Non-Agricultural Pool Special Meeting held October 25, 2018 *(Page 9)*

B. FINANCIAL REPORTS

Receive and file as presented:

1. Cash Disbursements for the month of September 2018 *(Page 15)*
2. Watermaster VISA Check Detail for the month of September 2018 *(Page 27)*
3. Combining Schedule for the Period July 1, 2018 through September 30, 2018 *(Page 31)*
4. Treasurer's Report of Financial Affairs for the Period July 1, 2018 through September 30, 2018 *(Page 35)*
5. Budget vs. Actual Report for the Period July 1, 2018 through September 30, 2018 *(Page 39)*

C. APPLICATION FOR RECHARGE *(Page 69)*

Recommend Advisory Committee to recommend to the Watermaster Board to approve Fontana Water Company's Application for Recharge and direct Watermaster staff to account for this supplemental water recharged in Fontana Water Company's existing Local Supplemental Storage account.

II. BUSINESS ITEMS

A. FISCAL YEAR 2018/19 ASSESSMENT PACKAGE *(Page 87)*

Recommend Advisory Committee approval of the Fiscal Year 2018/19 Assessment Package indicating the preferred version, including no credit for Stormwater New Yield, and postponing the assessment of Desalter Replenishment Obligation.

B. RESOLUTION TO LEVY REPLENISHMENT AND ADMINISTRATIVE ASSESSMENTS FOR FISCAL YEAR 2018/19 *(Page 95)*

Review Resolution 2018-05 as presented, and offer advice to Watermaster.

C. CALENDAR YEAR 2019 OVERLYING (NON-AGRICULTURAL) POOL VOLUME VOTE *(Page 107)*

Approve the Calendar Year 2019 Overlying (Non-Agricultural) Pool Volume Vote as presented subject to Advisory Committee and Board approval of the 2018/19 Assessment Package at the November 15, 2018 meetings.

D. WATERMASTER REAPPOINTMENT *(Page 113)*

Recommend future Watermaster appointment to the Advisory Committee.

E. FISCAL YEAR 2017/18 ANNUAL REPORT OF THE GROUND-LEVEL MONITORING COMMITTEE
(Page 121)

Recommend to the Advisory Committee to recommend to the Watermaster Board to approve the 2017/18 Annual Report of the Ground-Level Monitoring Committee, along with filing a copy with the Court.

F. SAFE YIELD RESET-RELATED AGREEMENT (DISCUSSION AND POTENTIAL ACTION) *(Page 125)***G. 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.
 - On October 19, 2018, Watermaster was notified that Ameron International Corporation's primary representative, Mr. Richard Zuniga, is no longer with the company. Watermaster counsel has reached out to Ameron's counsel, Mr. Matthew Robey, and staff will provide an update once a new representative has been identified.

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

1. December 28, 2018 Hearing

B. ENGINEER REPORT

1. Salinity Management Update
2. Impact Analysis of Chino Airport Plume Remedy on Groundwater Levels

C. CFO REPORT

1. Fiscal Year 2018/19 Assessment Invoicing

D. GM REPORT

1. Exhibit "G" Physical Solution Transfer Rate Substitution
2. Amendment of Pooling Plan for the Overlying (Non-Agricultural) Pool
3. Annual Finding of Substantial Compliance with the Recharge Master Plan
4. Watermaster Board Meeting Frequency
5. 40th Judgment Anniversary Commemoration
6. December Meeting Schedule
7. Other

IV. INFORMATION

1. Cash Disbursements for October 2018 *(Page 161)*
2. Recharge Investigations and Projects Committee (RIPCom) *(Page 175)*

V. POOL MEMBER COMMENTS**VI. OTHER BUSINESS**

VII. CONFIDENTIAL SESSION – POSSIBLE ACTION

A Confidential Session may be held during the Pool Committee meeting for the purpose of discussion and possible action.

1. Safe Yield Reset-Related Agreement
2. Exhibit G
3. Non-Agricultural Pool Pooling Plan Amendment & Court Filing

VIII. FUTURE MEETINGS AT WATERMASTER

11/08/18	Thu	9:00 a.m.	Appropriative Pool
11/08/18	Thu	11:00 a.m.	Non-Agricultural Pool
11/13/18	Tue	1:00 p.m.	Agricultural Pool*
11/15/18	Thu	8:00 a.m.	Appropriative Pool Strategic Planning (Confidential Session Only)
11/15/18	Thu	9:00 a.m.	Advisory Committee
11/15/18	Thu	11:00 a.m.	Watermaster Board**

*Rescheduled from 11/08/18

**Rescheduled from 11/22/18 due to the Thanksgiving Holiday

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**CHINO BASIN WATERMASTER
AGRICULTURAL POOL MEETING**

1:00 p.m. – November 13, 2018

WITH

Mr. Bob Feenstra, Chair

Mr. Jeff Pierson, Vice-Chair

At The Offices Of

Chino Basin Watermaster

9641 San Bernardino Road

Rancho Cucamonga, CA 91730

AGENDA

CALL TO ORDER

AGENDA - ADDITIONS/REORDER

I. CONSENT CALENDAR

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

A. MINUTES

Approve as presented:

1. Minutes of the Agricultural Pool Meeting held on October 11, 2018 (*Page 11*)

A. FINANCIAL REPORTS

Receive and file as presented:

1. Cash Disbursements for the month of September 2018 (*Page 15*)
2. Watermaster VISA Check Detail for the month of September 2018 (*Page 27*)
3. Combining Schedule for the Period July 1, 2018 through September 30, 2018 (*Page 31*)
4. Treasurer's Report of Financial Affairs for the Period July 1, 2018 through September 30, 2018 (*Page 35*)
5. Budget vs. Actual Report for the Period July 1, 2018 through September 30, 2018 (*Page 39*)

B. APPLICATION FOR RECHARGE (*Page 69*)

Recommend Advisory Committee to recommend to the Watermaster Board to approve Fontana Water Company's Application for Recharge and direct Watermaster staff to account for this supplemental water recharged in Fontana Water Company's existing Local Supplemental Storage account.

II. BUSINESS ITEMS

A. FISCAL YEAR 2018/19 ASSESSMENT PACKAGE (*Page 87*)

Recommend Advisory Committee approval of the Fiscal Year 2018/19 Assessment Package indicating the preferred version, including no credit for Stormwater New Yield, and postponing the assessment of Desalter Replenishment Obligation.

B. RESOLUTION TO LEVY REPLENISHMENT AND ADMINISTRATIVE ASSESSMENTS FOR FISCAL YEAR 2018/19 (*Page 95*)

Review Resolution 2018-05 as presented, and offer advice to Watermaster.

C. WATERMASTER REAPPOINTMENT (*Page 113*)

Recommend future Watermaster appointment to the Advisory Committee.

D. FISCAL YEAR 2017/18 ANNUAL REPORT OF THE GROUND-LEVEL MONITORING COMMITTEE

(Page 121)

Recommend to the Advisory Committee to recommend to the Watermaster Board to approve the 2017/18 Annual Report of the Ground-Level Monitoring Committee, along with filing a copy with the Court.

E. SAFE YIELD RESET-RELATED AGREEMENT (DISCUSSION AND POTENTIAL ACTION) *(Page 125)***F. AMENDMENT OF POOLING PLAN FOR THE OVERLYING (NON-AGRICULTURAL) POOL**

(Page 155)

Consider the proposed amendment to the NAP Pooling Plan and take appropriate action.

G. FISCAL YEAR 2018/19 EXHIBIT "G" PHYSICAL SOLUTION TRANSFER RATE SUBSTITUTION

(Page 159)

Consider approval of the Non-Agricultural Pool's proposed FY 2018/19 substitute Physical Solution Transfer rate of \$655.00 per acre-foot based on three conditions: (a) the Court does not enter an order on or prior to December 31, 2018 authorizing the Non-Agricultural Pool Committee to establish the price in connection with its now pending motion to amend the Non-Agricultural Pool Pooling Plan; (b) the Appropriate Pool Committee agrees to such price on or prior to November 15, 2018; and (c) the Court enters an order approving such price as a negotiated price for the current 2018/2019 fiscal year, and, recommend Advisory Committee approval, and approve Watermaster legal counsel's filing of motion for Court approval of the same.

H. OLD BUSINESS**III. REPORTS/UPDATES****A. LEGAL COUNSEL REPORT**

1. December 28, 2018 Hearing

B. ENGINEER REPORT

1. Salinity Management Update
2. Impact Analysis of Chino Airport Plume Remedy on Groundwater Levels

C. CFO REPORT

1. Fiscal Year 2018/19 Assessment Invoicing

D. GM REPORT

1. Annual Finding of Substantial Compliance with the Recharge Master Plan
2. Watermaster Board Meeting Frequency
3. 40th Judgment Anniversary Commemoration
4. CY 2019 Volume Votes
5. December Meeting Schedule
6. Other

IV. INFORMATION

1. Cash Disbursements for October 2018 *(Page 161)*
2. Recharge Investigations and Projects Committee (RIPCom) *(Page 175)*

V. POOL DISCUSSION

1. Chairman's Update
2. Pool Member Comments

VI. OTHER BUSINESS

VII. CONFIDENTIAL SESSION - POSSIBLE ACTION

A Confidential Session may be held during the Pool Committee meeting for the purpose of discussion and possible action.

1. Appeal of April 28, 2017 Order
2. December 28, 2018 Hearing
3. Non-Ag Pool Filing
4. Storage
5. Ag Pool Rules and Regulations

VIII. FUTURE MEETINGS AT WATERMASTER

11/08/18	Thu	9:00 a.m.	Appropriative Pool
11/08/18	Thu	11:00 a.m.	Non-Agricultural Pool
11/13/18	Tue	1:00 p.m.	Agricultural Pool*
11/15/18	Thu	8:00 a.m.	Appropriative Pool Strategic Planning (Confidential Session Only)
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11/15/18	Thu	11:00 a.m.	Watermaster Board**

*Rescheduled from 11/08/18

**Rescheduled from 11/22/18 due to the Thanksgiving Holiday

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CHINO BASIN WATERMASTER

I. CONSENT CALENDAR

A. MINUTES

1. Appropriative Pool Meeting held on October 11, 2018

DRAFT MINUTES
CHINO BASIN WATERMASTER
APPROPRIATIVE POOL MEETING

October 11, 2018

The Appropriative Pool meeting was held at the offices of Chino Basin Watermaster located at 9641 San Bernardino Road, Rancho Cucamonga, CA on October 11, 2018.

APPROPRIATIVE POOL MEMBERS PRESENT

Teri Layton, Chair
Van Jew, Vice-Chair
Joanne Chan for Clarence Mansell
John Bosler
Ron Craig
Ben Lewis
Courtney Jones for Scott Burton
Darron Poulsen
Dave Crosley
Todd Corbin
Cris Fealy
Eric Tarango
Rosemary Hoerning

San Antonio Water Company
Monte Vista Water District
West Valley Water District
Cucamonga Valley Water District
City of Chino Hills
Golden State Water Company
City of Ontario
City of Pomona
City of Chino
Jurupa Community Services District
Fontana Water Company
Fontana Union Water Company
City of Upland

WATERMASTER BOARD MEMBERS PRESENT

Eunice Ulloa

City of Chino

WATERMASTER STAFF PRESENT

Peter Kavounas
Joseph Joswiak
Edgar Tellez Foster
Anna Nelson
Justin Nakano
Alonso Jurado
David Huynh

General Manager
Chief Financial Officer
Senior Environmental Engineer
Executive Services Director/Board Clerk
Water Resources Senior Associate
Field Operations Specialist
Field Operations Specialist

WATERMASTER CONSULTANTS PRESENT

Brad Herrema
Mark Wildermuth
Andy Malone

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

OTHERS PRESENT

Curtis Paxton
Joel Ignacio
Brian Lee
Rick Hansen
Eric Grubb
Matt Litchfield
Raul Garibay
David De Jesus
Amanda Coker
Eduardo Espinoza
Manny Martinez
John Schatz

Chino Basin Desalter Authority
Inland Empire Utilities Agency
San Antonio Water Company
Three Valleys Municipal Water District
Cucamonga Valley Water District
Three Valleys Municipal Water District
City of Pomona
Three Valleys Municipal Water District
City of Chino
Cucamonga Valley Water District
Monte Vista Water District
John J. Schatz, Attorney at Law

CALL TO ORDER

Chair Layton called the Appropriative Pool meeting to order at 9:00 a.m.

AGENDA – ADDITIONS/REORDER

None

I. CONSENT CALENDAR

A. MINUTES

Approve as presented:

1. Minutes of the Appropriative Pool Meeting held September 13, 2018

B. FINANCIAL REPORTS

Receive and file as presented:

1. Cash Disbursements for the month of August 2018
2. Watermaster VISA Check Detail for the month of August 2018
3. Combining Schedule for the Period July 1, 2018 through August 31, 2018
4. Treasurer's Report of Financial Affairs for the Period July 1, 2018 through August 31, 2018
5. Budget vs. Actual Report for the Period July 1, 2018 through August 31, 2018

C. CONSIDERATION OF APPLICATION FOR LOCAL STORAGE AGREEMENTS –APPROPRIATIVE POOL

Recommend to the Advisory Committee to recommend that the Watermaster Board approves the application for local storage agreements as presented.

D. CONSIDERATION OF APPLICATION FOR LOCAL STORAGE AGREEMENTS – OVERLYING (NON-AGRICULTURAL) POOL

Recommend to the Advisory Committee to recommend that the Watermaster Board approves the application for local storage agreements as presented.

(0:00:42)

Motion by Mr. Ron Craig, seconded by Mr. Cris Fealy, and by unanimous vote

Moved to approve the Consent Calendar as presented.

(0:01:27) Mr. Corbin thanked the Non-Agricultural Pool for bringing forth their Storage Applications last month and waiting for the Appropriative Pool to consider their Storage Applications this month before the item is brought to the Advisory Committee and Board meetings for consideration in November.

II. BUSINESS ITEMS

A. CHINO BASIN STORAGE FRAMEWORK

Recommend that the Advisory Committee recommend to the Watermaster Board to receive and file the Final Storage Framework Investigation Report, and authorize the use of the tools and technical information developed by the investigation for storage planning and future evaluations.

(0:01:00) Mr. Kavounas introduced Mr. Wildermuth to give a presentation on the Chino Basin Storage Framework. A discussion ensued.

Ms. Hoerning joined the meeting at 9:05 a.m.

(0:28:47) Mr. Craig commented on the salinity management study and inquired when parties can expect to receive comments or feedback. A discussion ensued. Mr. Kavounas offered to bring an update to the November Engineer's Report.

(0:30:51)

Motion by Mr. Ron Craig, seconded by Mr. Darron Poulsen, and by unanimous vote

Moved to approve Business Item II.A. as presented.

B. SAFE YIELD RESET-RELATED AGREEMENT DISCUSSION

Discussion and possible action.

(0:31:17) Mr. Kavounas stated there is nothing new to report from staff for Business Item II.B. No action was taken on this item.

III. REPORTS/UPDATES

A. LEGAL COUNSEL REPORT

1. Appeal of April 28, 2017 Order
2. December 28, 2018 Hearing

(0:31:30) Mr. Herrema gave a report. A discussion ensued.

B. ENGINEER REPORT

1. Fiscal Year 2017/18 GLMC Annual Report
2. Plumes Status Reports
3. Safe Yield Recalculation
4. Geoscience Data Request for Integrated Model

(0:34:00) Mr. Malone gave a report, and passed Item III.B.4. to Mr. Wildermuth to give a report. A discussion ensued.

C. CFO REPORT

1. FY 2018/19 Assessment Package

(0:42:47) Mr. Joswiak gave a report. A discussion ensued.

D. GM REPORT

1. Introduction of New Employees
2. FY 2018/19 Exhibit "G" Physical Solution Transfer Rate
3. Habitat Conservation Plan
4. Other

(0:46:43) Mr. Kavounas introduced Mr. Nakano to give a report on Item III.D.1. Mr. Nakano introduced Watermaster's two new Field Operations Specialists, Mr. Alonso Jurado, and Mr. David Huynh.

(0:48:11) Mr. Kavounas introduced Ms. Nelson to give a report on Item III.D.2.

(0:49:50) Mr. Kavounas introduced Mr. Tellez Foster to give a report on Item III.D.3., and mentioned that the Habitat Conservation Plan does affect the Chino Basin. A discussion ensued.

(0:56:23) Mr. Kavounas thanked Mr. Wildermuth and the Wildermuth Environmental, Inc. staff for their efforts on the Storage Framework. He provided status on the OBMP update process and announced the December 4th Chino Basin Judgment 40th Anniversary Commemoration event.

IV. INFORMATION

1. Cash Disbursements for September 2018
2. Recharge Investigations and Projects Committee (RIPCom)
3. Plumes Status Reports

V. POOL MEMBER COMMENTS

None

VI. OTHER BUSINESS

None

VII. CONFIDENTIAL SESSION - POSSIBLE ACTION

Chair Layton called for a confidential session at 10:00 a.m. to hold the Appropriative Pool Strategic Planning. Confidential session concluded at 11:25 a.m. with no reportable action.

ADJOURNMENT

Chair Layton adjourned the Appropriative Pool meeting at 11:25 a.m.

Secretary: _____

Approved: _____

CHINO BASIN WATERMASTER

I. BUSINESS ITEM – ROUTINE

A. MINUTES

1. Non-Agricultural Pool Meeting held on October 11, 2018
2. Non-Agricultural Pool Special Meeting held on October 25, 2018

DRAFT MINUTES
CHINO BASIN WATERMASTER
NON-AGRICULTURAL POOL MEETING
October 11, 2018

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 October 11, 2018.

NON-AGRICULTURAL POOL MEMBERS PRESENT AT WATERMASTER

Brian Geye, Chair	California Speedway Corporation
Bob Bowcock, Vice-Chair	Calmat Co.
Andrew Silva for Bob Page	County of San Bernardino (Non-Ag)

NON-AGRICULTURAL POOL MEMBERS PRESENT ON CALL

Ramsey Haddad	California Steel Industries
Michael Adler for Natalie Costaglio	Hamner Park Associates, a California Limited Partnership

WATERMASTER STAFF PRESENT AT WATERMASTER

Peter Kavounas	General Manager
Joseph Joswiak	Chief Financial Officer
Edgar Tellez Foster	Senior Environmental Engineer
Anna Nelson	Executive Services Director/Board Clerk
Justin Nakano	Water Resources Senior Associate
Janine Wilson	Senior Accountant
Alonso Jurado	Field Operations Specialist
David Huynh	Field Operations Specialist

WATERMASTER CONSULTANTS PRESENT AT WATERMASTER

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

OTHERS PRESENT AT WATERMASTER

Joel Ignacio	Inland Empire Utilities Agency
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NON-AGRICULTURAL POOL LEGAL COUNSEL PRESENT ON CALL

Allen Hubsch	Loeb & Loeb, LLP
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CALL TO ORDER

Chair Geye called the Non-Agricultural Pool meeting to order at 11:02 a.m.

ROLL CALL

Ms. Nelson conducted the roll call.

AGENDA – ADDITIONS/REORDER

None

I. BUSINESS ITEMS - ROUTINE

A. MINUTES

Receive and file as presented:

1. Minutes of the Non-Agricultural Pool Meeting held September 13, 2018

(0:01:42)

Motion by Mr. Andrew Silva, seconded by Vice-Chair Bob Bowcock. 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

Receive and file as presented:

1. Cash Disbursements for the month of August 2018
2. Watermaster VISA Check Detail for the month of August 2018
3. Combining Schedule for the Period July 1, 2018 through August 31, 2018
4. Treasurer's Report of Financial Affairs for the Period July 1, 2018 through August 31, 2018
5. Budget vs. Actual Report for the Period July 1, 2018 through August 31, 2018

(0:01:53) Mr. Adler joined the meeting.

(0:02:20)

Motion by Vice-Chair Bob Bowcock, seconded by Mr. Andrew Silva. 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. CONSIDERATION OF APPLICATION FOR LOCAL STORAGE AGREEMENTS – APPROPRIATIVE POOL

Recommend to the Advisory Committee to recommend that Watermaster Board approves the application for local storage agreements as presented.

(0:02:54)

Motion by Mr. Andrew Silva, seconded by Vice-Chair Bob Bowcock. 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. and to direct the Pool representatives to support at the Advisory Committee and Watermaster Board meetings subject to changes which they deem appropriate.

II. BUSINESS ITEMS**A. CHINO BASIN STORAGE FRAMEWORK**

Recommend that the Advisory Committee recommend to the Watermaster Board to receive and file the Final Storage Framework Investigation Report, and authorize the use of the tools and technical information developed by the investigation for storage planning and future evaluations.

(0:03:14) Mr. Kavounas introduced Mr. Wildermuth to give a presentation on the Chino Basin Storage Framework. A discussion ensued.

(0:18:55)

Motion by Mr. Andrew Silva, 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 II.A., and to direct the Pool representatives to support at the Advisory Committee and Watermaster Board meetings subject to changes which they deem appropriate.

(0:19:21) Mr. Kavounas thanked Mr. Wildermuth and the Wildermuth Environmental, Inc. staff for their efforts on the Storage Framework.

B. SAFE YIELD RESET-RELATED AGREEMENT DISCUSSION

Discussion and possible action.

(0:19:56) Mr. Kavounas stated there is nothing new to report from staff for Business Item II.B. No action was taken on this item.

C. 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.

(0:20:29) Mr. Kavounas stated there is nothing new to report from staff for Business Item II.C. No action was taken on this item.

III. REPORTS/UPDATES

A. LEGAL COUNSEL REPORT

1. Appeal of April 28, 2017 Order
2. December 28, 2018 Hearing

(0:20:41) Mr. Herrema gave a report.

B. ENGINEER REPORT

1. Fiscal Year 2017/18 GLMC Annual Report
2. Plumes Status Reports
3. Safe Yield Recalculation
4. Geoscience Data Request for Integrated Model

(0:22:19) Mr. Malone gave a report, and passed Item III.B.4. to Mr. Wildermuth to give a report. A discussion ensued.

(0:27:57) Mr. Tellez Foster gave a report on Item III.D.3. which was taken out of order, following III.B.4. A discussion ensued.

C. CFO REPORT

1. FY 2018/19 Assessment Package

(0:37:39) Mr. Joswiak gave a report.

D. GM REPORT

1. Introduction of New Employees
2. FY 2018/19 Exhibit "G" Physical Solution Transfer Rate
3. Habitat Conservation Plan
4. Consideration of Application for Local Storage Agreements – Overlying (Non-Agricultural) Pool
5. Other

(0:39:36) Mr. Kavounas introduced Mr. Nakano to give a report on Item III.D.1. Mr. Nakano introduced Watermaster's two new Field Operations Specialist, Mr. Alonso Jurado and Mr. David Huynh.

(0:41:12) Mr. Kavounas introduced Ms. Nelson to give a report on Item III.D.2. A discussion ensued.

Item III.D.3. was taken after III.B., Engineer Report (see above).

(0:43:54) Mr. Kavounas provided status on the OBMP update process and announced the December 4th Chino Basin Judgment 40th Anniversary Commemoration event.

IV. INFORMATION

1. Cash Disbursements for August 2018
2. Recharge Investigations and Projects Committee (RIPCom)
3. Plumes Status Reports

V. POOL MEMBER COMMENTS

None

VI. OTHER BUSINESS

None

VII. CONFIDENTIAL SESSION – POSSIBLE ACTION

Chair Geye called for a confidential session at 11:47 a.m. to discuss Safe Yield Reset-Related Agreement, Exhibit "G" – Paragraph 9 Water Transfers, and Non-Agricultural Pool Pooling Plan. Confidential session concluded at 12:12 p.m. with no reportable action.

Chair Geye requested the Exhibit "G" – Paragraph 9 Water Transfers item be re-agendized for closed session during the November 2018 Non-Agricultural Pool meeting.

ADJOURNMENT

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

Secretary: _____

Approved: _____

DRAFT MINUTES
CHINO BASIN WATERMASTER
NON-AGRICULTURAL POOL – SPECIAL MEETING
October 25, 2018

The Non-Agricultural Pool special meeting was held at the offices of Chino Basin Watermaster located at 9641 San Bernardino Road, Rancho Cucamonga, CA and via conference call on October 25, 2018.

NON-AGRICULTURAL POOL MEMBERS PRESENT AT WATERMASTER

Brian Geye, Chair
California Speedway Corporation

NON-AGRICULTURAL POOL MEMBERS PRESENT ON CALL

Michael Adler for Natalie Costaglio
Hamner Park Associates, a California Limited Partnership

NON-AGRICULTURAL POOL LEGAL COUNSEL PRESENT ON CALL

Allen Hubsch
Loeb & Loeb, LLP

CALL TO ORDER

Chair Geye called the Non-Agricultural Pool special meeting to order at 10:00 a.m.

AGENDA - ADDITIONS/REORDER

None

I. CONFIDENTIAL SESSION - POSSIBLE ACTION

The Pool went into confidential session to discuss the Exhibit "G" – Paragraph 9 Water Transfer Rate. Confidential session concluded at 10:45 a.m. with the following reportable action:

1. Subject to entry by the Court on or prior to December 31, 2018 of an order authorizing the Non-Agricultural Pool Committee to establish a price for transfers of water pursuant to Section 9 of the Pooling Plan of the Pool in connection with the motion now pending, the Non-Agricultural Pool Committee hereby establishes a price of \$655.00 per acre foot for such transfers in the current 2018/2019 fiscal year. The Non-Agricultural Pool Committee hereby further authorizes the Chair to negotiate with representatives of the Appropriative Pool a price equal to \$655.00 per acre foot for water transferred pursuant to Section 9 in the current 2018/2019 fiscal year, which shall be the price for such transfers if all of the following occur:
 - (a) The Court does not enter an order on or prior to December 31, 2018 authorizing the Non-Agricultural Pool Committee to establish the price in connection with the motion now pending.
 - (b) The Appropriative Pool Committee agrees to such price on or prior to November 15, 2018.
 - (c) The Court enter an order approving such price as a negotiated price for the current 2018/2019 fiscal year.

ADJOURNMENT

Chair Geye adjourned the Non-Agricultural Pool special meeting at 10:45 a.m.

Secretary: _____

Approved: _____

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CHINO BASIN WATERMASTER

I. CONSENT CALENDAR

A. MINUTES

1. Agricultural Pool Meeting held on October 11, 2018

DRAFT MINUTES
CHINO BASIN WATERMASTER
AGRICULTURAL POOL MEETING

October 11, 2018

The Agricultural Pool meeting was held at the offices of Chino Basin Watermaster located at 9641 San Bernardino Road, Rancho Cucamonga, CA on October 11, 2018.

AGRICULTURAL POOL MEMBERS PRESENT

Bob Feenstra, Chair	Dairy
Jeff Pierson, Vice-Chair	Crops
Pete Hall	State of California – CIM
Carol Boyd	State of California – CIM
Lawrence Dimock	State of California – CIM
John Huitsing	Dairy
Nathan deBoom	Dairy
Ronald Pietersma	Dairy
Henry De Haan	Dairy
Bob Page	County of San Bernardino
Geoffrey Vanden Heuvel	Dairy

WATERMASTER BOARD MEMBER PRESENT

Paul Hofer	Crops
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WATERMASTER STAFF PRESENT

Peter Kavounas	General Manager
Joseph Joswiak	Chief Financial Officer
Edgar Tellez Foster	Senior Environmental Engineer
Anna Nelson	Executive Services Director/Board Clerk
Justin Nakano	Water Resources Senior Associate
Alonso Jurado	Field Operations Specialist
David Huynh	Field Operations Specialist

WATERMASTER CONSULTANTS PRESENT

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

OTHERS PRESENT

Tracy Egoscue	Egoscue Law Group, Inc.
Joel Ignacio	Inland Empire Utilities Agency
Richard Rees	Wood plc

CALL TO ORDER

Chair Feenstra called the Agricultural Pool meeting to order at 1:37 p.m.

AGENDA – ADDITIONS/REORDER

(0:00:40) Mr. Kavounas introduced Mr. Nakano to give a report on Item III.D.1., Introduction of New Employees. Mr. Nakano introduced Watermaster's two new Field Operations Specialists, Mr. Alonso Jurado and Mr. David Huynh.

I. CONSENT CALENDAR

A. MINUTES

Approve as presented:

1. Minutes of the Agricultural Pool Meeting held on September 13, 2018

B. FINANCIAL REPORTS

Receive and file as presented:

1. Cash Disbursements for the month of August 2018
2. Watermaster VISA Check Detail for the month of August 2018
3. Combining Schedule for the Period July 1, 2018 through August 31, 2018
4. Treasurer's Report of Financial Affairs for the Period July 1, 2018 through August 31, 2018
5. Budget vs. Actual Report for the Period July 1, 2018 through August 31, 2018

C. CONSIDERATION OF APPLICATION FOR LOCAL STORAGE AGREEMENTS – APPROPRIATIVE POOL

Recommend to the Advisory Committee to recommend that Watermaster Board approves the application for local storage agreements as presented.

D. CONSIDERATION OF APPLICATION FOR LOCAL STORAGE AGREEMENTS – OVERLYING (NON-AGRICULTURAL) POOL

Recommend to the Advisory Committee to recommend that Watermaster Board approves the application for local storage agreements as presented.

(0:04:15) Vice-Chair Pierson asked to pull Consent Calendar Items I.C. and I.D. to be taken separately and following the Confidential Session discussion.

(0:04:37)

Motion by Vice-Chair Jeff Pierson, seconded by Ms. Carol Boyd, and by unanimous vote

Moved to approve Consent Calendar Items I.A. and I.B. as presented.

(0:05:19) The Pool convened into Confidential Session; STATE SOMETHING ABOUT THE MINUTES REFLECTING THIS IN AGENDA SEQUENCE

(0:05:58) Vice-Chair Pierson introduced a motion for Consent Calendar Items I.C. and I.D. A discussion ensued.

(0:10:07) *Vote Taken*

Motion by Vice-Chair Jeff Pierson, seconded by Mr. Nathan deBoom, and by unanimous vote

Moved to approve Consent Calendar Items I.C. and I.D. as presented, with the stipulation that the Agricultural Pool is approving the forms only and will have the ability to go back and review the Assessment Package to validate that the numbers that are being utilized are correct.

Abstention by Mr. Bob Page – County of San Bernardino

II. BUSINESS ITEMS

A. CHNO BASIN STORAGE FRAMEWORK

Recommend that the Advisory Committee recommend to the Watermaster Board to receive and file the Final Storage Framework Investigation Report, and authorize the use of the tools and technical information developed by the investigation for storage planning and future evaluations.

(0:10:19) Mr. Kavounas introduced Mr. Wildermuth to give a presentation on the Chino Basin Storage Framework. A discussion ensued.

(0:34:07)

Motion by Mr. Geoffrey Vanden Heuvel, seconded by Mr. Bob Page, and by unanimous vote

Moved to approve Business Item II.A. as presented.

B. SAFE YIELD RESET-RELATED AGREEMENT DISCUSSION

Discussion and possible action.

(0:34:45) Mr. Kavounas stated there is nothing new to report from staff for Business Item II.B. No action was taken on this item.

C. OLD BUSINESS

- Agricultural Pool Fund Balance

(0:35:00) Mr. Kavounas introduced Mr. Joswiak to give a report. A discussion ensued.

III. REPORTS/UPDATES

A. LEGAL COUNSEL REPORT

1. Appeal of April 28, 2017 Order
2. December 28, 2018 Hearing

(0:43:47) Mr. Herrema gave a report.

B. ENGINEER REPORT

1. Fiscal Year 2017/18 GLMC Annual Report
2. Plumes Status Reports
3. Safe Yield Recalculation
4. Geoscience Data Request for Integrated Model

(0:45:44) Mr. Malone gave a report, and passed Item III.B.4. to Mr. Wildermuth to give a report.

(0:51:07) Mr. Tellez Foster gave a report on Item III.D.3. which was taken out of order, following III.B.4. A discussion ensued.

C. CFO REPORT

1. FY 2018/19 Assessment Package

(1:10:55) Mr. Joswiak gave a report. A discussion ensued.

D. GM REPORT

1. Introduction of New Employees
2. FY 2018/19 Exhibit "G" Physical Solution Transfer Rate
3. Habitat Conservation Plan
4. Other

Item III.D.1. was taken before the Consent Calendar (see above).

(1:12:42) Mr. Kavounas gave a report on Item III.D.2.

Item III.D.3. was taken after III.B., Engineer Report (see above).

(1:13:07) Mr. Kavounas announced the December 4, 2018 Chino Basin Judgment 40th Anniversary Commemoration event.

(1:14:06) Mr. Page inquired about the comments collected by Watermaster regarding the SGMA Basin Reprioritization process. A discussion ensued.

IV. INFORMATION

1. Cash Disbursements for September 2018
2. Recharge Investigations and Projects Committee (RIPCom)
3. Plumes Status Reports

V. POOL DISCUSSION

1. Chairman's Update
2. Pool Member Comments

None

VI. OTHER BUSINESS

None

VII. CONFIDENTIAL SESSION - POSSIBLE ACTION

Chair Feenstra called for a Confidential Session at 1:42 p.m. to discuss Consent Calendar Items I.C. and I.D., Appeal of April 28, 2017 Order, December 28, 2018 Hearing, Non-Agricultural Pool Filing, and Storage. Confidential Session concluded at 2:41 p.m. with no reportable action.

Messrs. Vanden Heuvel and Page joined the meeting at the start of the Confidential Session at 1:42 p.m.

ADJOURNMENT

Chair Feenstra adjourned the Agricultural Pool meeting at 3:53 p.m.

Secretary: _____

Approved: _____

CHINO BASIN WATERMASTER

I. CONSENT CALENDAR (App & Ag Pool)

B. FINANCIAL REPORTS

1. Cash Disbursements for the month of September 2018
2. Watermaster VISA Check Detail for the month of September 2018
3. Combining Schedule for the Period July 1, 2018 through September 30, 2018
4. Treasurer's Report of Financial Affairs for the Period July 1, 2018 through September 30, 2018
5. Budget vs. Actual Report for the Period July 1, 2018 through September 30, 2018

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

B. FINANCIAL REPORTS

1. Cash Disbursements for the month of September 2018
2. Watermaster VISA Check Detail for the month of September 2018
3. Combining Schedule for the Period July 1, 2018 through September 30, 2018
4. Treasurer's Report of Financial Affairs for the Period July 1, 2018 through September 30, 2018
5. Budget vs. Actual Report for the Period July 1, 2018 through September 30, 2018



CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: November 8, 2018 (Appropriative and Non-Agricultural Pools)
November 13, 2018 (Agricultural Pool)

TO: Pool Committee Members

SUBJECT: Cash Disbursement Report - Financial Report B1 (September 30, 2018)

SUMMARY

Issue: Record of Cash Disbursements for the month of September 2018.

Recommendation: Receive and file Cash Disbursements for September 2018 as presented.

Financial Impact: Funds disbursed were included in the FY 2018/19 "Amended" Watermaster Budget.

Future Consideration

Appropriative Pool – November 8, 2018: Receive and File
Non-Agricultural Pool – November 8, 2018: Receive and File
Agricultural Pool – November 13, 2018: Receive and File
Advisory Committee – November 15, 2018: Receive and File
Watermaster Board – November 15, 2018: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – November 8, 2018:
Non-Agricultural Pool – November 8, 2018:
Agricultural Pool – November 13, 2018:
Advisory Committee – November 15, 2018:
Watermaster Board – November 15, 2018:

*Watermaster's function is to administer and enforce provisions of the Judgment and subsequent orders of the Court,
and to develop and implement an Optimum Basin Management Program*

BACKGROUND

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

DISCUSSION

Total cash disbursements during the month of September 2018 were \$1,347,945.60.

The most significant expenditure during the month was to Inland Empire Utilities Agency in the amount of \$1,100,010.54 (check number 21027 dated September 25, 2018).

ATTACHMENTS

1. Financial Report - B1

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
September 2018

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	09/06/2018	ACH 090618	CALPERS	1394905143	1012 - Bank of America Gen'l Ckg	
Bill	08/14/2018	1394905143		Medical Insurance Premium	60182.1 - Medical Insurance	6,152.76
TOTAL						6,152.76
Bill Pmt -Check	09/06/2018	ACH 090618	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 - Bank of America Gen'l Ckg	
Bill	08/18/2018	100000015402710		Fees for GASB-68 Reports & Schedules	60180 - Employers PERS Expense	700.00
TOTAL						700.00
General Journal	09/08/2018	09/08/2018	Payroll and Taxes for 08/26/18-09/08/18	Payroll and Taxes for 08/26/18-09/08/18	1012 - Bank of America Gen'l Ckg	
				Direct Deposits for 08/26/18-09/08/18	1012 - Bank of America Gen'l Ckg	25,972.40
				Payroll Taxes for 08/26/18-09/08/18	1012 - Bank of America Gen'l Ckg	8,783.23
			ICMA-RC	457(b) Employee Deductions for 08/26/18-09/08/18	1012 - Bank of America Gen'l Ckg	4,541.43
			ICMA-RC	401(a) Employee Deductions for 08/26/18-09/08/18	1012 - Bank of America Gen'l Ckg	1,311.76
TOTAL						40,608.82
Bill Pmt -Check	09/13/2018	ACH 091318	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 - Bank of America Gen'l Ckg	
General Journal	09/08/2018	09/08/2018	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 08/26/18-09/08/18	2000 - Accounts Payable	6,886.20
TOTAL						6,886.20
Bill Pmt -Check	09/14/2018	20989	ACCENT COMPUTER SOLUTIONS, INC.	123295	1012 - Bank of America Gen'l Ckg	
Bill	09/01/2018	123295		Monthly service - Sept. 2018	6052.4 - IT Managed Services	4,226.00
				Overwatch - Sept. 2018	6052.5 - IT Data Backup/Storage	699.00
				Omn iCloud - Sept. 2018	6052.5 - IT Data Backup/Storage	108.00
				Office 365 subscriptions - Sept. 2018	6052.4 - IT Managed Services	58.10
				Image office storage	6052.5 - IT Data Backup/Storage	1,088.75
TOTAL						6,179.85
Bill Pmt -Check	09/14/2018	20990	ACWA JOINT POWERS INSURANCE AUTHORITY	0512818	1012 - Bank of America Gen'l Ckg	
Bill	09/10/2018	0512818		Prepayment - October 2018	1409 - Prepaid Life, BAD&D & LTD	219.87
				September 2018	60191 - Life & Disab.Ins Benefits	217.40
TOTAL						437.27
Bill Pmt -Check	09/14/2018	20991	APPLIED COMPUTER TECHNOLOGIES	2999	1012 - Bank of America Gen'l Ckg	
Bill	08/30/2018	2999		Database Consulting Services - August 2018	6052.2 - Applied Computer Technol	3,770.80
TOTAL						3,770.80
Bill Pmt -Check	09/14/2018	20992	ARION GLOBAL, INC.		1012 - Bank of America Gen'l Ckg	
Bill	08/24/2018			Cost of hauling away old office furniture	6027 - Other Building Expense	1,275.00
TOTAL						1,275.00

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CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
September 2018

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	09/14/2018	20993	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	08/31/2018	XXXX-XXXX-XXXX-9341		50% deposit-AN desktop	6055 · Computer Hardware	895.23
				CVI's for new employee search	6016 · New Employee Search Costs	79.65
				50% deposit-new office furniture	1840 · Capital Assets	5,056.50
				Clear tabs for tabletop for office	6031.7 · Other Office Supplies	3.97
				Replacement Boardroom laptop battery	6055 · Computer Hardware	30.85
				Replacement case for CFO cell phone	6031.7 · Other Office Supplies	17.91
				Toner cartridges for office printers	6031.7 · Other Office Supplies	1,031.79
				File/storage boxes	6031.7 · Other Office Supplies	65.05
				Curtains 4 kitchen, tables/lamps 4 reception area	6031.7 · Other Office Supplies	382.46
				Replacement blender for office	6031.7 · Other Office Supplies	64.35
				Lunch for pre-Ag meeting	8412 · Meeting Expenses	62.42
				PK meeting w/Razak	8312 · Meeting Expenses	25.08
				Miscellaneous office supplies	6031.7 · Other Office Supplies	48.07
				Storage boxes	6031.7 · Other Office Supplies	270.40
				Laminating supplies	6031.7 · Other Office Supplies	8.71
				Replacement keyboard/mouse	6055 · Computer Hardware	20.76
				Registration fee for webinar for AN	6193.2 · Conference - Registration Fee	196.13
				Lunch for 8/23 Board meeting	6312 · Meeting Expenses	108.76
				Lunch for 8/23 Board meeting	6312 · Meeting Expenses	107.04
				Data hubs for meeting room	6031.7 · Other Office Supplies	51.13
				Miscellaneous office supplies	6031.7 · Other Office Supplies	24.55
				Miscellaneous office supplies	6031.7 · Other Office Supplies	96.69
				Miscellaneous office supplies	6031.7 · Other Office Supplies	273.68
				Miscellaneous office supplies	6031.7 · Other Office Supplies	86.37
				Lunch for PK meeting w/Ag Pool	8412 · Meeting Expenses	74.67
				Miscellaneous office supplies	6031.7 · Other Office Supplies	407.00
				Registration fee-CG-attend Outlook seminar	6193.2 · Conference - Registration Fee	293.70
TOTAL						9,782.92
P18						
Bill Pmt -Check	09/14/2018	20994	BOWCOCK, ROBERT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	08/16/2018	8/16 RIPCom Mtg		8/16/18 RIPCom Meeting	6311 · Board Member Compensation	125.00
Bill	08/20/2018	8/20 Water Bank Mtg		8/20/18 Water Bank Stakeholder Meeting #4	6311 · Board Member Compensation	125.00
Bill	08/23/2018	8/23 Board Mtg		8/23/18 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						375.00
Bill Pmt -Check	09/14/2018	20995	CORELOGIC INFORMATION SOLUTIONS	80914552	1012 · Bank of America Gen'l Ckg	
Bill	08/31/2018	81914552		80914552	7103.7 · Grdwtr Qual-Computer Svc	62.50
				80914552	7101.4 · Prod Monitor-Computer	62.50
TOTAL						125.00

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
September 2018

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	09/14/2018	20996	CUBICLE AND OFFICE, LLC.	1044	1012 · Bank of America Gen'l Ckg	
Bill	09/12/2018	1044		File cabinet, bookcases for Ops staff	1840 · Capital Assets	930.75
TOTAL						<u>930.75</u>
Bill Pmt -Check	09/14/2018	20997	DE BOOM, NATHAN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	08/09/2018	8/09 Ag Pool Mtg		8/09/18 Ag Pool Meeting	8411 · Compensation	25.00
				8/09/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						<u>125.00</u>
Bill Pmt -Check	09/14/2018	20998	DI PRIMIO, ROBERT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	08/21/2018	8/21 Board Agenda		8/21/18 Board agenda preview meeting	6311 · Board Member Compensation	125.00
Bill	08/23/2018	8/23 Board Meeting		8/23/18 Board meeting	6311 · Board Member Compensation	125.00
TOTAL						<u>250.00</u>
Bill Pmt -Check	09/14/2018	20999	EGOSCUE LAW GROUP, INC.	12048	1012 · Bank of America Gen'l Ckg	
Bill	08/31/2018	12048		Ag Pool Legal Services - August 2018	8467 · Ag Legal & Technical Services	31,716.73
TOTAL						<u>31,716.73</u>
Bill Pmt -Check	09/14/2018	21000	ELIE, STEVEN	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	08/23/2018	8/23 Board Mtg		8/23/18 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						<u>125.00</u>
Bill Pmt -Check	09/14/2018	21001	FEDAK & BROWN LLP	Progress Billing - Audit Services	1012 · Bank of America Gen'l Ckg	
Bill	08/31/2018			August 2018	6062 · Audit Services	3,256.00
TOTAL						<u>3,256.00</u>
Bill Pmt -Check	09/14/2018	21002	FEENSTRA, BOB	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	08/09/2018	8/09 Ag Pool Mtg		8/09/18 Ag Pool meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	08/16/2018	8/16 Advisory Comm		8/16/18 Advisory Committee meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	08/16/2018	8/16 RIPCom Mtg		8/16/18 RIPCom meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	08/23/2018	8/23 Personnel Comm		8/23/18 Personnel Committee meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	08/23/2018	8/23 Board Mtg		8/23/18 Board meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	08/30/2018	8/30 Special Ag Mtg		8/30/18 Special Ag Pool meeting	8470 · Ag Meeting Attend -Special	125.00
TOTAL						<u>750.00</u>
Bill Pmt -Check	09/14/2018	21003	FILIPPI, GINO	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	08/23/2018	8/23 Board Meeting		8/23/18 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						<u>125.00</u>
Bill Pmt -Check	09/14/2018	21004	HUITSING, JOHN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	08/09/2018	8/09 Ag Pool Mtg		8/09/18 Ag Pool Meeting	8411 · Compensation	25.00

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
September 2018

Type	Date	Num	Name	Memo	Account	Paid Amount
				8/09/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	08/31/2018	7/12 Ag Pool Mtg		7/12/18 Ag Pool Meeting	8411 · Compensation	25.00
				7/12/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						250.00
Bill Pmt -Check	09/14/2018	21005	JOHN J. SCHATZ	Appropriative Pool Legal Services	1012 · Bank of America Gen'l Ckg	
Bill	08/31/2018			Appropriative Pool Legal Services - August 2018	8367 · Legal Service	6,970.00
TOTAL						6,970.00
Bill Pmt -Check	09/14/2018	21006	KUHN, BOB	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	08/09/2018	8/09 Appro Pool Mtg		8/09/18 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00
Bill	08/16/2018	8/16 Advisory Comm		8/16/18 Advisory Committee Meeting	6311 · Board Member Compensation	125.00
Bill	08/21/2018	8/21 Conference Call		8/21/18 Board Agenda Preview conference call	6311 · Board Member Compensation	125.00
Bill	08/23/2018	8/23 Board Mtg		8/23/18 Board meeting	6311 · Board Member Compensation	125.00
Bill	08/30/2018	8/30 Admin Mtg		8/30/18 Administrative meeting	6311 · Board Member Compensation	125.00
TOTAL						625.00
Bill Pmt -Check	09/14/2018	21007	LOEB & LOEB LLP	1785289	1012 · Bank of America Gen'l Ckg	
Bill	07/31/2018	1785289		Non-Ag Pool Legal Services - July 2018	8567 · Non-Ag Legal Service	11,950.30
TOTAL						11,950.30
Bill Pmt -Check	09/14/2018	21008	NELSON, ANNA	Employee Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	08/28/2018			Reimburse for power cords for office	6031.7 · Other Office Supplies	41.57
				Reimburse for admin lunch mtg	6141.3 · Admin Meetings	22.36
TOTAL						63.93
Bill Pmt -Check	09/14/2018	21009	PAYCHEX	2018083000	1012 · Bank of America Gen'l Ckg	
Bill	08/31/2018	2018083000		August 2018	6012 · Payroll Services	468.21
TOTAL						468.21
Bill Pmt -Check	09/14/2018	21010	PIETERSMA, RONALD	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	08/09/2018	8/09 Ag Pool Mtg		8/09/18 Ag Pool Meeting	8411 · Compensation	25.00
				8/09/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	09/14/2018	21011	PREMIERE GLOBAL SERVICES	26377150	1012 · Bank of America Gen'l Ckg	
Bill	08/30/2018	26377150		Non-Ag Pool meeting call on 8/09	8512 · Meeting Expense	22.01
				Service Fee - General	6022 · Telephone	49.00
				Service Fee - Confidential	6022 · Telephone	49.00
				Pomona Extensometer call on 7/30	6909.1 · OBMP Meetings	11.73
				Pools agenda prep call on 7/31	8312 · Meeting Expenses	2.06

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CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
September 2018

Type	Date	Num	Name	Memo	Account	Paid Amount
				Pools agenda prep call on 7/31	8412 · Meeting Expenses	2.06
				Pools agenda prep call on 7/31	8512 · Meeting Expense	2.06
				HCP call w/IEUA	6909.1 · OBMP Meetings	6.19
				Annual Report kick-off call on 8/03	6909.1 · OBMP Meetings	14.97
				WM coordination call on 8/06	6909.1 · OBMP Meetings	6.55
				HCP call w/IEUA	6909.1 · OBMP Meetings	7.77
				SY Reset update call on 8/06	6909.1 · OBMP Meetings	12.58
				Pool mtgs check call on 8/08	8312 · Meeting Expenses	4.69
				Pool mtgs check call on 8/08	8412 · Meeting Expenses	4.69
				Pool mtgs check call on 8/08	8512 · Meeting Expense	4.69
				Pomona Extensometer call on 8/13	6909.1 · OBMP Meetings	17.90
				WM coordination call on 8/20	6909.1 · OBMP Meetings	19.51
				Board agenda preview call on 8/21	6312 · Meeting Expenses	14.05
				Service Fee	6022 · Telephone	9.55
TOTAL						<u>261.06</u>
Bill Pmt -Check	09/14/2018	21012	PURCHASE POWER	8000-9090-0016-8851	1012 · Bank of America Gen'l Ckg	
Bill	08/30/2018	8000909000168851		Postage refill	6042 · Postage - General	500.00
TOTAL						<u>500.00</u>
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Bill Pmt -Check	09/14/2018	21013	R&D PEST SERVICES	0233545	1012 · Bank of America Gen'l Ckg	
Bill	09/06/2018	0233545		Pest control	6024 · Building Repair & Maintenance	100.00
TOTAL						<u>100.00</u>
Bill Pmt -Check	09/14/2018	21014	READY REFRESH BY NESTLE	0023230253	1012 · Bank of America Gen'l Ckg	
Bill	08/30/2018	0023230253		Office Water Bottle - August 2018	6031.7 · Other Office Supplies	46.91
TOTAL						<u>46.91</u>
Bill Pmt -Check	09/14/2018	21015	RR FRANCHISING, INC.	60835	1012 · Bank of America Gen'l Ckg	
Bill	09/01/2018	60835		Monthly janitorial service - September 2018	6024 · Building Repair & Maintenance	740.00
TOTAL						<u>740.00</u>
Bill Pmt -Check	09/14/2018	21016	SOCIETY FOR HUMAN RESOURCE MGMT.	9007649844	1012 · Bank of America Gen'l Ckg	
Bill	09/13/2018	9007649844		Membership-Joswiak 12/01/18-11/30/19	6111 · Membership Dues	189.00
TOTAL						<u>189.00</u>
Bill Pmt -Check	09/14/2018	21017	STATE COMPENSATION INSURANCE FUND	1970970-18	1012 · Bank of America Gen'l Ckg	
Bill	09/01/2018	1970970-18		Monthly premium 8/26/18-9/26/18	60183 · Worker's Comp Insurance	552.42
TOTAL						<u>552.42</u>
Bill Pmt -Check	09/14/2018	21018	TELLEZ-FOSTER, EDGAR	Employee Reimbursement	1012 · Bank of America Gen'l Ckg	

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
September 2018

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	09/07/2018			Meetings with candidates for field staff position	6016 · New Employee Search Costs	255.99
TOTAL						255.99
Bill Pmt -Check	09/14/2018	21019	ULLOA, EUNICE	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	08/09/2018	8/09 Appro Pool Mtg		8/09/18 Appropriative Pool meeting	6311 · Board Member Compensation	125.00
Bill	08/28/2018	8/28 GRCC Mtg		8/28/18 GRCC meeting	6311 · Board Member Compensation	125.00
TOTAL						250.00
Bill Pmt -Check	09/14/2018	21020	UNION 76	7076-2245-3035-5049	1012 · Bank of America Gen'l Ckg	
Bill	08/31/2018	7076224530355049		Fuel - August 2018	6175 · Vehicle Fuel	53.71
TOTAL						53.71
Bill Pmt -Check	09/14/2018	21021	USA-FACT INC	Background Checks	1012 · Bank of America Gen'l Ckg	
Bill	08/25/2018	8083027		Background check - field staff positions	6016 · New Employee Search Costs	142.37
Bill	08/31/2018	8090727		Background check - field staff positions	6016 · New Employee Search Costs	35.95
TOTAL						178.32
Bill Pmt -Check	09/14/2018	21022	VISION SERVICE PLAN	00-101789-0001	1012 · Bank of America Gen'l Ckg	
Bill	08/30/2018	001017890001		Vision Insurance Premium - September 2018	60182.2 · Dental & Vision Ins	63.18
TOTAL						63.18
Bill Pmt -Check	09/14/2018	21023	VISTAGE WORLDWIDE, INC.	SOPINV00000733083	1012 · Bank of America Gen'l Ckg	
Bill	09/01/2018	SOPINV00000733083		Kavounas Membership-Oct. 2018 to Sept. 2019	1433 · Prepaid Membership Dues	17,053.00
TOTAL						17,053.00
Bill Pmt -Check	09/14/2018	21024	WESTERN MUNICIPAL WATER DISTRICT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	08/23/2018	8/23 Board Mtg		8/23/18 Board Meeting - Galleano attendance	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	09/14/2018	21025	YUKON DISPOSAL SERVICE	08-K2 213849	1012 · Bank of America Gen'l Ckg	
Bill	09/01/2018	08-k2 213849		Disposal Service - September 2018	6024 · Building Repair & Maintenance	117.14
TOTAL						117.14
Bill Pmt -Check	09/14/2018	21026	ACCENT COMPUTER SOLUTIONS, INC.	IT Managed Services	1012 · Bank of America Gen'l Ckg	
Bill	08/30/2018	123389		Overwatch (Firewall and 4TB)	6052.5 · IT Data Backup/Storage	1,750.00
Bill	08/31/2018	123418		480GB SSD upgrade for auxiliary room laptop	6055 · Computer Hardware	191.80
Bill	08/31/2018	123425		RAM upgrade for boardroom laptop	6055 · Computer Hardware	99.90
Bill	08/31/2018	123562		Windows 10 upgrades for various laptops	6054 · Computer Software	597.00
Bill	08/31/2018	123440		Cloud storage, FTP replacement	6052.5 · IT Data Backup/Storage	225.00
TOTAL						2,863.70

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CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
September 2018

Type	Date	Num	Name	Memo	Account	Paid Amount
Check	09/17/2018	09/17/2018	Service Charge	Service Charge Service Charge	1012 - Bank of America Gen'l Ckg 6039.1 - Banking Service Charges	628.29
TOTAL						628.29
Bill Pmt -Check	09/25/2018	ACH 092518	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 - Bank of America Gen'l Ckg	
Bill	09/01/2018	15415406		Annual Unfunded Accrued Liability Plan 3299	60180 - Employers PERS Expense	5,456.55
TOTAL						5,456.55
Bill Pmt -Check	09/25/2018	21027	INLAND EMPIRE UTILITIES AGENCY		1012 - Bank of America Gen'l Ckg	
Bill	08/01/2018	1800003831		Lower Day Improvement Projects Inv #6	7690.8 - Lower Day Basin RMPU (TO #2)	119,828.39
Bill	08/09/2018	1800003878		RMPU Yield Enhancements Projects Invoice #8	7690.15 - RMPU Amend. Yield (TO #1)	980,182.15
TOTAL						1,100,010.54
Bill Pmt -Check	09/25/2018	21028	MICHAEL'S #3844	Board Room	1012 - Bank of America Gen'l Ckg	
Bill	09/25/2018			Custom matting/framing Annual Report covers	1840 - Capital Assets	2,930.69
TOTAL						2,930.69
Bill Pmt -Check	09/25/2018	21029	SEVEN STAR PAINTING CO.	Office Painting	1012 - Bank of America Gen'l Ckg	
Bill	09/25/2018			Deposit for office painting	1840 - Capital Assets	950.00
TOTAL						950.00
Bill Pmt -Check	09/27/2018	21030	ACCENT COMPUTER SOLUTIONS, INC.	123802	1012 - Bank of America Gen'l Ckg	
Bill	10/01/2018	123802		Monthly service - Oct. 2018	6052.4 - IT Managed Services	4,226.00
				Overwatch - Oct. 2018	6052.5 - IT Data Backup/Storage	699.00
				OmniCloud - Oct. 2018	6052.5 - IT Data Backup/Storage	117.00
				Office 365 subscriptions - Oct. 2018	6052.4 - IT Managed Services	91.30
				Image office storage (per GB, per month)	6052.5 - IT Data Backup/Storage	817.73
TOTAL						5,951.03
Bill Pmt -Check	09/27/2018	21031	BLUERIDGE SOFTWARE, INC.	9894	1012 - Bank of America Gen'l Ckg	
Bill	09/26/2018	9894		Annual support for 10/25/18-10/24/19	6054 - Computer Software	629.82
TOTAL						629.82
Bill Pmt -Check	09/27/2018	21032	BUSINESS TELECOMMUNICATION SYSTEMS IN	14128	1012 - Bank of America Gen'l Ckg	
Bill	09/19/2018	14128		ShoreTel IP480 phone-new employee	6022 - Telephone	332.17
TOTAL						332.17
Bill Pmt -Check	09/27/2018	21033	CENTURYLINK	73607985	1012 - Bank of America Gen'l Ckg	
Bill	09/26/2018	73607985		9/17/18-10/16/18	6053 - Internet Expense	1,051.28
TOTAL						1,051.28

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TOTAL

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
September 2018

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	09/27/2018	21034	CUCAMONGA VALLEY WATER DISTRICT		1012 · Bank of America Gen'l Ckg	
Bill	09/17/2018			Office lease due October 1, 2018 - annual rent adju	1422 · Prepaid Rent	6,866.54
TOTAL						<u>6,866.54</u>
Bill Pmt -Check	09/27/2018	21035	DE HAAN, HENRY	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	08/09/2018	8/09 Ag Pool Mtg		8/09/18 Ag Pool Meeting	8411 · Compensation	25.00
				8/09/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						<u>125.00</u>
Bill Pmt -Check	09/27/2018	21036	FIRST LEGAL NETWORK LLC	40020648	1012 · Bank of America Gen'l Ckg	
Bill	08/31/2018	40020648		Court filings for August 2018	6061.5 · Court Filing Services	659.91
TOTAL						<u>659.91</u>
Bill Pmt -Check	09/27/2018	21037	FRONTIER COMMUNICATIONS	909-484-3890-050914-5	1012 · Bank of America Gen'l Ckg	
Bill	09/18/2018	90948438900509145		Office fax	6022 · Telephone	143.32
TOTAL						<u>143.32</u>
Bill Pmt -Check	09/27/2018	21038	GREAT AMERICA LEASING CORP.	23370386	1012 · Bank of America Gen'l Ckg	
Bill	09/26/2018	23370386		Invoice for September 2018	6043.1 · Ricoh Lease Fee	2,605.07
TOTAL						<u>2,605.07</u>
Bill Pmt -Check	09/27/2018	21039	LEGAL SHIELD	0111802	1012 · Bank of America Gen'l Ckg	
Bill	09/26/2018	0111802		Employee deductions - September 2018	60194 · Other Employee Insurance	79.70
TOTAL						<u>79.70</u>
Bill Pmt -Check	09/27/2018	21040	LOEB & LOEB LLP	1788092	1012 · Bank of America Gen'l Ckg	
Bill	08/31/2018	1788092		Non-Ag Pool Legal Services - August 2018	8567 · Non-Ag Legal Service	8,071.20
TOTAL						<u>8,071.20</u>
Bill Pmt -Check	09/27/2018	21041	OFFICE & ERGONOMIC SOLUTIONS, INC.	17772	1012 · Bank of America Gen'l Ckg	
Bill	09/13/2018	17772		Credenza, bookcase, chairs	1840 · Capital Assets	856.59
TOTAL						<u>856.59</u>
Bill Pmt -Check	09/27/2018	21042	READY REFRESH BY NESTLE	0023230253	1012 · Bank of America Gen'l Ckg	
Bill	09/26/2018	0023230253		Office Water Bottle - September 2018	6031.7 · Other Office Supplies	68.45
TOTAL						<u>68.45</u>
Bill Pmt -Check	09/27/2018	21043	SEVEN STAR PAINTING CO.	Office Painting	1012 · Bank of America Gen'l Ckg	
Bill	09/26/2018			Balance due for office painting	1840 · Capital Assets	2,550.00
TOTAL						<u>2,550.00</u>

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
September 2018

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	09/27/2018	21044	STANDARD INSURANCE CO.	Policy # 00-649299-0009	1012 · Bank of America Gen'l Ckg	
Bill	09/26/2018	006492990009		Policy # 00-649299-0009	60191 · Life & Disab.Ins Benefits	775.35
TOTAL						775.35
Bill Pmt -Check	09/27/2018	21045	STAPLES BUSINESS ADVANTAGE	8051432222	1012 · Bank of America Gen'l Ckg	
Bill	09/15/2018	8051432222		Miscellaneous office supplies	6031.7 · Other Office Supplies	130.32
TOTAL						130.32
Bill Pmt -Check	09/27/2018	21046	STAULA, MARY L	Retiree Medical	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2018			Retiree medical	60182.4 · Retiree Medical	25.17
TOTAL						25.17
Bill Pmt -Check	09/27/2018	21047	UNITED HEALTHCARE	052553741745	1012 · Bank of America Gen'l Ckg	
Bill	09/14/2018	052553741745		Dental Insurance Premium - October 2018	60182.2 · Dental & Vision Ins	561.05
TOTAL						561.05
Bill Pmt -Check	09/27/2018	21048	USA-FACT INC	Background Investigations	1012 · Bank of America Gen'l Ckg	
Bill	09/08/2018	8091423		Background check-field staff position applicants	6016 · New Employee Search Costs	91.99
Bill	09/15/2018	8032128		Background check-field staff position applicants	6016 · New Employee Search Costs	3.00
TOTAL						94.99
Bill Pmt -Check	09/27/2018	21049	VERIZON WIRELESS	9274013426	1012 · Bank of America Gen'l Ckg	
Bill	09/18/2018	9814013426		Acct #470810953-00001	6022 · Telephone	297.23
TOTAL						297.23
Bill Pmt -Check	09/27/2018	21050	VERIZON WIRELESS	9814550558	1012 · Bank of America Gen'l Ckg	
Bill	09/26/2018	9814550558		Acct #642073270-00001	7103.7 · Grdwtr Qual-Computer Svc	100.06
TOTAL						100.06
Bill Pmt -Check	09/27/2018	ACH 092718	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	09/22/2018	09/27/2018	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 09/09/18-09/22/18	2000 · Accounts Payable	6,886.20
TOTAL						6,886.20
General Journal	09/28/2018	09/28/2018	Payroll and Taxes for 09/019/18-09/22/18	Payroll and Taxes for 09/019/18-09/22/18	1012 · Bank of America Gen'l Ckg	
				Direct deposits for 09/019/18-09/22/18	1012 · Bank of America Gen'l Ckg	25,995.91
				Payroll Taxes for 09/019/18-09/22/18	1012 · Bank of America Gen'l Ckg	8,790.56
			ICMA-RC	457(b) Employee deductions for 09/019/18-09/22/18	1012 · Bank of America Gen'l Ckg	4,541.43
			ICMA-RC	401(a) Employee deductions for 09/019/18-09/22/18	1012 · Bank of America Gen'l Ckg	1,311.76
TOTAL						40,639.66

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TOTAL

CHINO BASIN WATERMASTER
 Cash Disbursements For The Month of
 September 2018

Type	Date	Num	Name	Memo	Account	Paid Amount
General Journal	09/30/2018	18/09/15	Wage Works FSA Direct Debits-September 2018	Wage Works FSA Direct Debits-September 2018	1012 - Bank of America Gen'l Ckg	
				Wage Works FSA Direct Debits-September 2018	1012 - Bank of America Gen'l Ckg	509.60
				Wage Works FSA Direct Debits-September 2018	1012 - Bank of America Gen'l Ckg	509.60
				Wage Works FSA Direct Debits-September 2018	1012 - Bank of America Gen'l Ckg	76.25
TOTAL						1,095.45
					Total Disbursements:	1,347,945.60

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CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: November 8, 2018 (Appropriative and Non-Agricultural Pools)
November 13, 2018 (Agricultural Pool)

TO: Pool Committee Members

SUBJECT: VISA Check Detail Report - Financial Report B2 (September 30, 2018)

SUMMARY

Issue: Record of VISA credit card payment disbursed for the month of September 2018.

Recommendation: Receive and file VISA Check Detail Report for September 2018 as presented.

Financial Impact: Funds disbursed were included in the FY 2018/19 "Amended" Watermaster Budget.

Future Consideration

Appropriative Pool – November 8, 2018: Receive and File
Non-Agricultural Pool – November 8, 2018: Receive and File
Agricultural Pool – November 13, 2018: Receive and File
Advisory Committee – November 15, 2018: Receive and File
Watermaster Board – November 15, 2018: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – November 8, 2018:
Non-Agricultural Pool – November 8, 2018:
Agricultural Pool – November 13, 2018:
Advisory Committee – November 15, 2018:
Watermaster Board – November 15, 2018:

BACKGROUND

Watermaster's function is to administer and enforce provisions of the Judgment and subsequent orders of the Court, and to develop and implement an Optimum Basin Management Program

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 September 2018 was \$9,782.92. The payment was processed in the amount of \$9,782.92 (by check number 20993 dated September 14, 2018). The monthly charges for September 2018 of \$9,782.92 were for routine and customary expenditures and properly documented with receipts.

ATTACHMENTS

1. Financial Report - B2

CHINO BASIN WATERMASTER
VISA Check Detail Report
September 2018

Type	Num	Date	Name	Memo	Account	Paid Amount
Bill Pmt -Check	09/14/2018	20993	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	08/31/2018	XXXX-XXXX-XXXX-9341		50% deposit-AN desktop	6055 · Computer Hardware	895.23
				CVI's for new employee search	6016 · New Employee Search Costs	79.65
				50% deposit-new office furniture	1840 · Capital Assets	5,056.50
				Clear tabs for tabletop for office	6031.7 · Other Office Supplies	3.97
				Replacement Boardroom laptop battery	6055 · Computer Hardware	30.85
				Replacement case for CFO cell phone	6031.7 · Other Office Supplies	17.91
				Toner cartridges for office printers	6031.7 · Other Office Supplies	1,031.79
				File/storage boxes	6031.7 · Other Office Supplies	65.05
				Curtains 4 kitchen, tables/lamps 4 reception area	6031.7 · Other Office Supplies	382.46
				Replacement blender for office	6031.7 · Other Office Supplies	64.35
				Lunch for pre-Ag meeting	8412 · Meeting Expenses	62.42
				PK meeting w/Razak	8312 · Meeting Expenses	25.08
				Miscellaneous office supplies	6031.7 · Other Office Supplies	48.07
				Storage boxes	6031.7 · Other Office Supplies	270.40
				Laminating supplies	6031.7 · Other Office Supplies	8.71
				Replacement keyboard/mouse	6055 · Computer Hardware	20.76
				Registration fee for webinar for AN	6193.2 · Conference - Registration Fee	196.13
				Lunch for 8/23 Board meeting	6312 · Meeting Expenses	108.76
				Lunch for 8/23 Board meeting	6312 · Meeting Expenses	107.04
				Data hubs for meeting room	6031.7 · Other Office Supplies	51.13
				Miscellaneous office supplies	6031.7 · Other Office Supplies	24.55
				Miscellaneous office supplies	6031.7 · Other Office Supplies	96.69
				Miscellaneous office supplies	6031.7 · Other Office Supplies	273.68
				Miscellaneous office supplies	6031.7 · Other Office Supplies	86.37
				Lunch for PK meeting w/Ag Pool	8412 · Meeting Expenses	74.67
				Miscellaneous office supplies	6031.7 · Other Office Supplies	407.00
				Registration fee-CG-attend Outlook seminar	6193.2 · Conference - Registration Fee	293.70
					Total Disbursements:	9,782.92

TOTAL

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CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: November 8, 2018 (Appropriative and Non-Agricultural Pools)
November 13, 2018 (Agricultural Pool)

TO: Pool Committee Members

SUBJECT: Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2018 through September 30, 2018 - Financial Report B3 (September 30, 2018)

SUMMARY

Issue: Record of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2018 through September 30, 2018.

Recommendation: Receive and file Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2018 through September 30, 2018 as presented.

Financial Impact: Funds disbursed were included in the FY 2018/19 "Amended" Watermaster Budget.

Future Consideration

Appropriative Pool – November 8, 2018: Receive and File
Non-Agricultural Pool – November 8, 2018: Receive and File
Agricultural Pool – November 13, 2018: Receive and File
Advisory Committee – November 15, 2018: Receive and File
Watermaster Board – November 15, 2018: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – November 8, 2018:
Non-Agricultural Pool – November 8, 2018:
Agricultural Pool – November 13, 2018:
Advisory Committee – November 15, 2018:
Watermaster Board – November 15, 2018:

BACKGROUND

Watermaster's function is to administer and enforce provisions of the Judgment and subsequent orders of the Court, and to develop and implement an Optimum Basin Management Program

A Combining Schedule of Revenue, Expenses and Changes in Net Assets for the period July 1, 2018 through September 30, 2018 is provided to keep all members apprised of the FY 2018/19 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 18.0, 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, 2018 THROUGH SEPTEMBER 30, 2018

	WATERMASTER ADMINISTRATION	OPTIMUM BASIN MANAGEMENT	POOL ADMINISTRATION & SPECIAL PROJECTS			GROUNDWATER REPLENISHMENT	LAIF VALUE ADJ.	GASB 75 BEG. NET POSITION	GRAND TOTALS	AMENDED BUDGET 2018-2019
			APPROPRIATIVE POOL	AG POOL	NON-AG POOL					
Administrative Revenues:										
Administrative Assessments			-		-				-	8,655,545
Interest Revenue			45,989	2,685	497				49,171	63,968
Mutual Agency Project Revenue	167,712								167,712	167,712
Miscellaneous Income	31								31	0
Total Revenues	167,743	-	45,989	2,685	497	-	-	-	216,914	8,887,225
Administrative & Project Expenditures:										
Watermaster Administration	510,559								510,559	1,337,141
Watermaster Board-Advisory Committee	50,925								50,925	226,519
Ag Pool Misc. Expense - Ag Fund				-						400
Pool Administration			37,624	119,048	46,210				202,882	624,643
Optimum Basin Mgmt Administration		338,263							338,263	2,273,267
OBMP Project Costs		3,376,147							3,376,147	5,503,869
Debt Service		580,585							580,585	580,585
Basin Recharge Improvements		-							-	3,068,941
Total Administrative/OBMP Expenses	561,483	4,294,995	37,624	119,048	46,210	-	-	-	5,059,361	13,615,365
Net Administrative/OBMP Expenses	(393,740)	(4,294,995)								
Allocate Net Admin Expenses To Pools	393,740		285,843	93,334	14,564					
Allocate Net OBMP Expenses To Pools		3,714,410	2,696,545.45	880,477	137,387.85					
Allocate Debt Service to App Pool		580,585	580,585							
Allocate Basin Recharge to App Pool		-	-							
Agricultural Expense Transfer*			1,092,858	(1,092,858)						
Total Expenses			4,693,456	-	198,162	-	-	-	5,059,361	13,615,365
Net Administrative Income			(4,647,468)	2,685	(197,664)	-	-	-	(4,842,447)	(4,728,140)
Other Income/(Expense)										
Replenishment Water Assessments						-			-	0
Desalter Replenishment Obligation						-			-	0
Non-Ag Stored Water Purchases						-			-	0
Exhibit "G" Non-Ag Pool Water			-			-			-	0
Interest Revenue						-			-	0
MWD Water Purchases						-			-	0
Non-Ag Stored Water Purchases						-			-	0
Exhibit "G" Non-Ag Pool Water			-			-			-	0
MWD Water Purchases						-			-	0
Groundwater Replenishment						-			-	0
LAIF - Fair Market Value Adjustment						-			-	0
Gain on Sale of Assets			-		-				-	0
Other Post-Employment Benefits (OPEB)			-		-			-	-	0
Refund-Excess Reserves			-		-				-	0
Refund-Recharge Debt			-		-				-	0
Funding To/(From) Reserves									-	0
Net Other Income/(Expense)			-	-	-	-	-	-	-	0
Net Transfers To/(From) Reserves		(4,842,447)	(4,647,468)	2,685	(197,664)	-	-	-	(4,842,447)	(4,728,140)
Net Assets, July 1, 2018			9,661,977	493,108	80,791	(4,534)	(20,461)	(443,445)	9,767,436	
Net Assets, End of Period			5,014,509	495,793	(116,873)	(4,534)	(20,461)	(443,445)	4,924,990	4,924,990
16/17 Assessable Production			82,269.159	26,862.554	4,191.579				113,323.292	
16/17 Production Percentages			72.597%	23.704%	3.699%				100.000%	

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

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CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: November 8, 2018 (Appropriative and Non-Agricultural Pools)
November 13, 2018 (Agricultural Pool)

TO: Pool Committee Members

SUBJECT: Treasurer's Report of Financial Affairs for the Period September 1, 2018 through September 30, 2018 - Financial Report B4 (September 30, 2018)

SUMMARY

Issue: Record of increases or decreases in the cash position, assets and liabilities of Watermaster for the Period of September 1, 2018 through September 30, 2018.

Recommendation: Receive and file Treasurer's Report of Financial Affairs for the Period September 1, 2018 through September 30, 2018 as presented.

Financial Impact: Funds disbursed were included in the FY 2018/19 "Amended" Watermaster Budget.

Future Consideration

Appropriative Pool – November 8, 2018: Receive and File
Non-Agricultural Pool – November 8, 2018: Receive and File
Agricultural Pool – November 13, 2018: Receive and File
Advisory Committee – November 15, 2018: Receive and File
Watermaster Board – November 15, 2018: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – November 8, 2018:
Non-Agricultural Pool – November 8, 2018:
Agricultural Pool – November 13, 2018:
Advisory Committee – November 15, 2018:
Watermaster Board – November 15, 2018:

BACKGROUND

Watermaster's function is to administer and enforce provisions of the Judgment and subsequent orders of the Court, and to develop and implement an Optimum Basin Management Program

A Treasurer's Report of Financial Affairs for the Period September 1, 2018 through September 30, 2018 is provided to keep all members apprised of the total cash in banks (Bank of America, LAIF, and CalTRUST); cash on deposit in trust with the County of San Bernardino as a result of the Cooperation and Reimbursement Agreement between Chino Basin Watermaster and County of San Bernardino dated May 25, 2017; and cash 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 18.0, the Watermaster accounting system. The Treasurer's Report provided, balances to the supporting documentation in the Watermaster accounting system, as well as the supporting bank statements.

ATTACHMENTS

1. Financial Report - B4

**CHINO BASIN WATERMASTER
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD
SEPTEMBER 1, 2018 THROUGH SEPTEMBER 30, 2018**

Financial Report - B4

DEPOSITORIES:

Cash on Hand - Petty Cash			\$	500
Bank of America				
Governmental Checking-Demand Deposits	\$	564,686		
Zero Balance Account - Payroll		-		564,686
Trust Account - County of San Bernardino				845
Local Agency Investment Fund - Sacramento				6,250,442
TOTAL CASH IN BANKS AND ON HAND			\$	6,816,473
TOTAL CASH IN BANKS AND ON HAND	9/30/2018			8,164,419
	8/31/2018			8,164,419
PERIOD INCREASE (DECREASE)				\$ (1,347,946)

CHANGE IN CASH POSITION DUE TO:

Decrease/(Increase) in Assets: Accounts Receivable			\$	(55,586)
Assessments Receivable				-
Prepaid Expenses, Deposits & Other Current Assets				(26,902)
(Decrease)/Increase in Liabilities: Accounts Payable				(816,133)
Accrued Payroll, Payroll Taxes & Other Current Liabilities				1,026
Long Term Liabilities				4,631
Transfer to/(from) Reserves				(454,981)
PERIOD INCREASE (DECREASE)				\$ (1,347,946)

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SUMMARY OF FINANCIAL TRANSACTIONS:

	Petty Cash	Govt'l Checking Demand	Zero Balance Account Payroll	Trust Account County of San Bernardino	Local Agency Investment Funds	Totals
Balances as of 8/31/2018	\$ 500	\$ 462,632	\$ -	\$ 845	\$ 7,700,442	\$ 8,164,419
Deposits	-	1,450,000	-	-	-	1,450,000
Transfers	-	109,054	(69,542)	-	(1,450,000)	(1,410,488)
Withdrawals/Checks	-	(1,457,000)	69,542	-	-	(1,387,457)
Balances as of 9/30/2018	\$ 500	\$ 564,686	\$ -	\$ 845	\$ 6,250,442	\$ 6,816,473
PERIOD INCREASE OR (DECREASE)	\$ -	\$ 102,054	\$ -	\$ -	\$ (1,450,000)	\$ (1,347,946)

**CHINO BASIN WATERMASTER
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD
SEPTEMBER 1, 2018 THROUGH SEPTEMBER 30, 2018**

INVESTMENT TRANSACTIONS

Effective Date	Transaction	Depository	Activity	Redeemed	Days to Maturity	Interest Rate(*)	Maturity Yield
9/26/2018	Withdrawal		(1,450,000)				
TOTAL INVESTMENT TRANSACTIONS			\$ (1,450,000)	\$0			

* The earnings rate for L.A.I.F. is a daily variable rate; 2.16% was the effective yield rate at the Quarter ended September 30, 2018.

**INVESTMENT STATUS
September 30, 2018**

<u>Financial Institution</u>	<u>Principal Amount</u>	<u>Number of Days</u>	<u>Interest Rate</u>	<u>Maturity Date</u>
Local Agency Investment Fund	\$ 6,250,442			
TOTAL INVESTMENTS	\$ 6,250,442			

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

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

Respectfully submitted,



Joseph S. Joswiak
Chief Financial Officer
Chino Basin Watermaster



CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: November 8, 2018 (Appropriative and Non-Agricultural Pools)
November 13, 2018 (Agricultural Pool)

TO: Pool Committee Members

SUBJECT: Budget vs. Actual Report for the Period July 1, 2018 through September 30, 2018 -
Financial Report B5 (September 30, 2018)

SUMMARY

Issue: Record of revenues and expenses of Watermaster for the Period of July 1, 2018 through September 30, 2018.

Recommendation: Receive and file Budget vs. Actual Report for the Period July 1, 2018 through September 30, 2018 as presented.

Financial Impact: Funds disbursed were included in the FY 2018/19 "Amended" Watermaster Budget.

Future Consideration

Appropriative Pool – November 8, 2018: Receive and File
Non-Agricultural Pool – November 8, 2018: Receive and File
Agricultural Pool – November 13, 2018: Receive and File
Advisory Committee – November 15, 2018: Receive and File
Watermaster Board – November 15, 2018: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – November 8, 2018:
Non-Agricultural Pool – November 8, 2018:
Agricultural Pool – November 13, 2018:
Advisory Committee – November 15, 2018:
Watermaster Board – November 15, 2018:

BACKGROUND

Watermaster's function is to administer and enforce provisions of the Judgment and subsequent orders of the Court, and to develop and implement an Optimum Basin Management Program

A Budget vs. Actual Report for the period July 1, 2018 through September 30, 2018 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 18.0, the Watermaster accounting system. The Budget vs. Actual report provided, balances to the supporting documentation in the Watermaster accounting system, as well as the supporting bank statements.

DISCUSSION

CURRENT MONTH – SEPTEMBER 2018

Year-To-Date (YTD) for the three months ending September 30, 2018, all but six categories were at or below the projected budget. The categories over budget were: (1) the Administration Salary/Benefits expenses (6010's) which were over budget by \$9,027 or 3.4% as a result of increased staff time and activities in the administrative functions. Please note that the overage is only in the administrative section, not with the entire consolidated staffing budget; (2) Watermaster Legal Services expenses (6070's) over budget by \$85,931 or 220.3% as a result of miscellaneous legal matters as detailed in the BHFS section; (3) Business Insurance expenses (6080's) over budget by \$6,846 or 23.8% as a result of the additional coverage for Environmental and Pollution Liability as recommended by our broker, for water sampling activities within the basin by the Watermaster staff, not budgeted for in the FY 2018/19 budget; (4) Appropriative Pool Administration expenses (8300's) over budget by \$1,867 or 5.2% as a result of increased legal activities by the Appropriative Pool attorney for the months of July 2018 through September 2018; (5) Agricultural Pool Legal Services (8467's) over budget by \$38,779 or 75.7% as a result of increased legal activities performed by the Agricultural Pool's attorney during the months of July 2018 through September 2018; and (6) Non-Agricultural Pool Administration expenses (8500's) over budget by \$18,133 or 64.6% as a result of increased legal activities performed by the Non-Agricultural Pool's attorney during the months of July 2018 through September 2018.

For the majority of the expense categories within the Watermaster budget for FY 2018/19, the individual line-item budgets are divided into 12-monthly amounts and allocated accordingly. As the fiscal year progresses, these categories listed above could level out over time and be within the budget levels.

Watermaster is not recommending a Budget Amendment or Budget Transfer at this time. However, if the over budget trends listed above continue during FY 2018/19, a Budget Amendment and/or Budget Transfer could be required to ensure Watermaster's ability to fund the ongoing expenses.

Overall, the Watermaster (YTD) Actual Expenses were \$2,462,621 or 32.7% below the (YTD) Budgeted Expenses of \$7,521,982.

PREVIOUSLY REPORTED ACTIONS (Descending Order)

July 2018:

During the month of July 2018, the "Carry Over" funding was calculated. The Total "Carry Over" funding amount of \$4,728,140.07 has been posted to the general ledger accounts. The total amount of \$4,728,140.07 consisted of \$3,068,940.82 from Capital Improvement Projects, \$1,594,653.00 from Engineering Services, and \$64,546.25 from Administration Services. More detailed information is provided regarding this issue under the "Carry Over" Funding section.

The Amended Budget for FY 2018/19 is \$13,615,365.07 which includes \$4,728,140.07 for the prior years "Carry Over" funding. The Original Approved budget for FY 2018/19 of \$8,887,225 was adopted by the Watermaster Board on May 24, 2018 ($\$8,887,225 + \$4,728,140.07 = \$13,615,365.07$).

SALARIES EXPENSE

CURRENT MONTH – SEPTEMBER 2018

As of September 30, 2018, the total (YTD) Watermaster salary expenses were \$25,392 or 5.4% below the (YTD) budgeted amount of \$466,582. The overall staffing budget was developed with a staffing level of ten Full-Time Equivalents (FTE's), and staffing is currently at ten Full-Time Equivalents (FTE's) as of October 2, 2018.

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 2018/19 budget was developed, basic assumptions were used in allocating how staff's time would be spent and on which of the projects or activities. The staffing dollars were then allocated into those specific areas and budgeted on a 1/12 monthly budget. When actual staffing activities vary from the budgeted assumptions, a positive or negative variance can be created. Currently, the allocations are tracking within budget.

The table summarizes the Year-To-Date (YTD) Actual Watermaster salary costs compared to the Year-To-Date (YTD) Budget as of September 30, 2018. 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 '18 - Sep '18 Actual	Jul '18 - Sep '18 Budget	\$ Over Budget	% of Budget	FY 2018/19 Annual Budget
WM Salary Expense					
6011 · WM Staff Salaries	270,701.61	248,290.00	22,411.61	109.03%	993,161.00
6011.1 · WM Staff Salaries - Overtime	2,177.69	0.00	2,177.69	100.0%	0.00
6011.4 · 457(f) NQDC Plan	10,289.30	9,258.00	1,031.30	111.14%	37,034.00
6017 · Temporary Services	0.00	5,250.00	-5,250.00	0.0%	21,000.00
6201 · Advisory Committee - WM Staff Salaries	6,911.27	6,315.00	596.27	109.44%	25,259.00
6301 · Watermaster Board - WM Staff Salaries	8,198.56	10,106.00	-1,907.44	81.13%	40,422.00
8301 · Appropriative Pool - WM Staff Salaries	10,609.12	9,394.00	1,215.12	112.94%	37,577.00
8401 · Agricultural Pool - WM Staff Salaries	5,760.57	7,957.00	-2,196.43	72.4%	31,829.00
8501 · Non-Agricultural Pool - WM Staff Salaries	4,162.97	5,427.00	-1,264.03	76.71%	21,712.00
6901 · OBMP - WM Staff Salaries	16,791.62	35,232.00	-18,440.38	47.66%	140,931.00
7101.1 · Production Monitor - WM Staff Salaries	10,769.91	16,024.00	-5,254.09	67.21%	64,095.00
7102.1 · In-line Meter - WM Staff Salaries	0.00	4,665.00	-4,665.00	0.0%	18,657.00
7103.1 · Grdwater Quality - WM Staff Salaries	9,667.95	17,951.00	-8,283.05	53.86%	71,806.00
7104.1 · Grdwater Level - WM Staff Salaries	11,405.84	15,868.00	-4,462.16	71.88%	63,475.00
7107.1 · GrdLevel Monitoring - WM Staff Salaries	0.00	1,323.00	-1,323.00	0.0%	5,290.00
7108.1 · Hydraulic Control - WM Staff Salaries	0.00	1,004.00	-1,004.00	0.0%	4,015.00
7108.11 · Prado Basin - WM Staff Salaries	0.00	1,367.00	-1,367.00	0.0%	5,466.00
7201 · Comp Recharge - WM Staff Salaries	13,994.34	14,622.00	-627.66	95.71%	58,482.00
7301 · PE3&5 - WM Staff Salaries	1,474.40	4,043.00	-2,568.60	36.47%	16,174.00
7401 · PE4 - WM Staff Salaries	4,423.20	2,480.00	1,943.20	178.36%	9,919.00
7501 · PE6&7 - WM Staff Salaries	0.00	1,398.00	-1,398.00	0.0%	5,588.00
7501.1 · PE 6&7 - WM Staff Salaries (Plume)	0.00	1,231.00	-1,231.00	0.0%	4,925.00
7601 · PE8&9 - WM Staff Salaries	3,778.22	5,337.00	-1,558.78	70.79%	21,350.00
Subtotal WM Staff Costs	391,116.57	424,542.00	-33,425.43	92.13%	1,698,167.00
60185 · Vacation	37,353.81	19,267.00	18,086.81	193.88%	77,067.00
60186 · Sick Leave	5,314.71	13,663.00	-8,348.29	38.9%	54,656.00
60187 · Holidays	7,404.94	9,110.00	-1,705.06	81.28%	68,319.00
Subtotal WM Paid Leaves	50,073.46	42,040.00	8,033.46	119.11%	200,042.00
Total WM Salary Costs	441,190.03	466,582.00	-25,391.97	94.56%	1,898,209.00

PREVIOUSLY REPORTED ACTIONS (Descending Order)

Watermaster's function is to administer and enforce provisions of the Judgment and subsequent orders of the Court, and to develop and implement an Optimum Basin Management Program

August 2018:

Two candidates for the Field Operations Specialist (position #9 and position #10) were presented with a conditional offer letter dated September 7, 2018. Both candidates successfully cleared a background investigation, drug screening, and pre-employment physical. The two new Watermaster employees started employment on Tuesday, October 2, 2018. Both employees will be introduced to the Watermaster parties at the Pools, Advisory, and Board meetings during the month of October 2018.

July 2018:

The Sr. Field Operations Specialist submitted his written resignation on July 3, 2018 and left employment of Watermaster on July 17, 2018. Watermaster staff met with the Personnel Committee on August 23, 2018 to discuss the plan to reclassify Position #10 from a Water Resources Associate to a Sr. Field Operations Specialist. The Personnel Committee unanimously approved and recommended moving forward with the new position reclassification and adjustment.

The positions of Field Operations Specialist (Position #9) and Sr. Field Operations Specialist (Position #10) are currently under recruitment. The final selection of the two top candidates, along with issuance of a conditional offer of employment will take place before September 10, 2018 with the final screening process being successful completion of a background investigation, passing a drug test, and passing a pre-employment physical. The two positions are anticipated to be onboard with Watermaster as early as October 1, 2018. Both candidates will be introduced to the Watermaster parties at the Pools, Advisory, and Board meetings scheduled for October 2018.

LEGAL SERVICES

BROWNSTEIN HYATT FARBER SCHRECK EXPENSES

CURRENT MONTH – SEPTEMBER 2018

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 2018/19. 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 was adopted for the original amount of \$963,028.

As of September 30, 2018, 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 \$30,509 or 12.6% above the (YTD) budgeted amount of \$241,851.

WATERMASTER ADMINISTRATIVE LEGAL SERVICES:

Overall, the Watermaster Administrative Legal Services expense (6070's) as of September 30, 2018, was \$85,931 or 220.3% above the budgeted amount of \$39,005. The specific items within the Administrative Legal Services expenses (6070's) which were over budget were Court Coordination (6071) over budget by \$31,994 or 292.9%; Personnel Matters (6073) which were over budget by \$3,352 or 135.4%; Party Status Maintenance (6077) which were over budget by \$1,847 or 40.7%; and the Miscellaneous Category (6078) which were over budget by \$60,355 or 638.7%. Please see Note 1 on the following page for a more detailed explanation of the miscellaneous types of expenses (6078).

The specific items within the Administrative Legal Services expenses (6070's) which were under budget were the expenses for Rules and Regulations (6072) under budget by \$2,707 or 100.0%; and Interagency Issues (6074) under budget by \$8,910 or 100.0%.

WATERMASTER POOLS, ADVISORY AND BOARD LEGAL SERVICES:

The Pools, Advisory Committee and the Board meeting legal expenses from BHFS are captured by month within the accounts (6275, 6375, 6375.1, 8375, 8475 and 8575). The legal service costs associated with the Board Workshop(s) are also included as part of this group. Overall, this category of legal expenses as of September 30, 2018 was \$7,335 or 14.9% below the budgeted amount of \$49,275. Normal Brownstein

Watermaster's function is to administer and enforce provisions of the Judgment and subsequent orders of the Court, and to develop and implement an Optimum Basin Management Program

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 legal services budget was developed with the assumption of having eleven months of meetings, intentionally excluding the month of December 2018. With regards to the Board Meeting expenses (6375), an additional Special Board Meeting was held during the month of July 2018 which increased the legal services for this specific line item category.

OBMP LEGAL SERVICES:

The OBMP legal expenses (accounts 6907.31 through 6907.90) were below the budget for the month. As of September 30, 2018 the category of OBMP legal expenses were \$48,088 or 31.3% below the budgeted amount of \$153,571. The majority of expenses within this OBMP category were under budget (YTD), however, the Recharge Master Plan expenses (6907.39) were over budget by \$13,748 or 116.0%; and Safe Yield Recalculation legal expenses (6907.42) were over budget by \$24,211 or 85.0%.

The table listed below summarizes the Brownstein Hyatt Farber Schreck (BHFS) expenses as of September 30, 2018 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 '18 - Sep '18 Actual	Jul '18 - Sep '18 Budget	\$ Over Budget	% of Budget	FY 2018/19 Annual Budget
6070 · Watermaster Legal Services					
6071 · BHFS Legal - Court Coordination	42,919.34	10,925.00	31,994.34	392.85%	43,700.00
6072 · BHFS Legal - Rules & Regulations	0.00	2,707.00	-2,707.00	0.0%	10,825.00
6073 · BHFS Legal - Personnel Matters	5,827.05	2,475.00	3,352.05	235.44%	9,900.00
6074 · BHFS Legal - Interagency Issues	0.00	8,910.00	-8,910.00	0.0%	35,640.00
6076 · BHFS Legal - Storage Issues	0.00	0.00	0.00	0.0%	0.00
6077 · BHFS Legal - Party Status Maintenance	6,385.05	4,538.00	1,847.05	140.7%	18,150.00
6078 · BHFS Legal - Miscellaneous (Note 1)	69,804.96	9,450.00	60,354.96	738.68%	37,800.00
Total 6070 · Watermaster Legal Services	124,936.40	39,005.00	85,931.40	320.31%	156,015.00
6275 · BHFS Legal - Advisory Committee	5,250.01	5,940.00	-689.99	88.38%	21,780.00
6375 · BHFS Legal - Board Meeting	21,975.51	21,060.00	915.51	104.35%	77,220.00
6375.1 · BHFS Legal - Board Workshop(s)	0.00	0.00	0.00	0.0%	12,038.00
8375 · BHFS Legal - Appropriative Pool	4,892.73	7,425.00	-2,532.27	65.9%	27,225.00
8475 · BHFS Legal - Agricultural Pool	4,929.51	7,425.00	-2,495.49	66.39%	27,225.00
8575 · BHFS Legal - Non-Ag Pool	4,892.73	7,425.00	-2,532.27	65.9%	27,225.00
Total BHFS Legal Services	41,940.49	49,275.00	-7,334.51	85.12%	192,713.00
6907.3 · WM Legal Counsel					
6907.31 · Archibald South Plume	0.00	3,279.00	-3,279.00	0.0%	13,125.00
6907.32 · Chino Airport Plume	0.00	3,279.00	-3,279.00	0.0%	13,125.00
6907.33 · Desalter/Hydraulic Control	133.65	5,904.00	-5,770.35	2.26%	23,625.00
6907.34 · Santa Ana River Water Rights	768.15	4,071.00	-3,302.85	18.87%	16,275.00
6907.36 · Santa Ana River Habitat	1,903.95	10,828.00	-8,924.05	17.58%	43,300.00
6907.38 · Reg. Water Quality Cntrl Board	0.00	3,937.00	-3,937.00	0.0%	15,750.00
6907.39 · Recharge Master Plan	25,598.22	11,850.00	13,748.22	216.02%	47,400.00
6907.40 · Storage Agreements	16,872.63	23,100.00	-6,227.37	73.04%	92,400.00
6907.41 · Prado Basin Habitat Sustainability	263.25	4,064.00	-3,800.75	6.48%	16,250.00
6907.42 · Safe Yield Recalculation	52,711.27	28,500.00	24,211.27	184.95%	114,000.00
6907.44 · SGMA Compliance	7,232.28	19,725.00	-12,492.72	36.67%	78,900.00
6907.45 · OBMP Update	0.00	27,047.00	-27,047.00	0.0%	108,200.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	7,987.00	-7,987.00	0.0%	31,950.00
Total 6907 · WM Legal Counsel	105,483.40	153,571.00	-48,087.60	68.69%	614,300.00
Total Brownstein, Hyatt, Farber, Schreck Costs	272,360.29	241,851.00	30,509.29	112.62%	963,028.00

Note 1: The types of legal activities that have been charged against the "Miscellaneous" legal category account 6078 are as follows:

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(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 and contracts; (7) Review transfer documents; (8) Ground-Level Monitoring Committee reports/meetings; (9) Review process and criteria for SGMA reporting; (10) MVWD SCADA Agreement and installation; (11) Angelica Corporation Bankruptcy matter; (12) NRG/GENON Bankruptcy matter; (13) Pomona extensometer project, CEQA review and compliance; (14) Desalter Replenishment obligations, assessment methodologies, and ongoing issues; (15) Master Cost Sharing Agreement with IEUA; (16) Estimation and adoption of an evaporative loss policy for Recharge; (17) CalMat intervention; (18) Angelica's water rights transfer; (19) Exhibit "G" rate issues; (20) Blomquist outline review; (21) Right of Entry Agreements for various locations; and (22) Miscellaneous legal research on current and pending issues.

PREVIOUSLY REPORTED ACTIONS (Descending Order)

None

OBMP ENGINEERING SERVICES AND LEGAL COSTS

CURRENT MONTH – SEPTEMBER 2018

Reviewing in total the OBMP Engineering Services and Legal Costs (consolidating the four categories of OBMP Watermaster Staff and SAWPA, OBMP Engineering Services, OBMP Legal Costs, and OBMP Other Expenses) for the three months ending September 30, 2018, the actual expenses of \$329,404 were below the budgeted amount of \$543,230 by \$213,826 or 39.4%. For a detailed discussion, the following is provided.

For September 30, 2018, the accounts 6901-6903 (Optimum Basin Mgmt. Program) section was below the Year-To-Date (YTD) budget by \$18,761 or 44.7%. Watermaster utilizes an in-house database time and attendance system to record and document staff's actual hours worked and also allocates those hours to a specific project or activity. Watermaster staff time could be charged to Administrative, OBMP, or Implementation Project categories. Recently, Watermaster staff spent less time on specific OBMP related areas as budgeted. As a result, Watermaster staff allocated less actual time to the OBMP project as budgeted, which resulted in an under budget variance of \$18,440 or 52.3%. The remaining expense was the Santa Ana Watershed Project Authority (SAWPA) FY 2018/19 Basin Monitoring Program Task Force Contribution which was budgeted at \$6,742 and actual expenses were \$321 or 4.8% below budget as of September 30, 2018.

For September 30, 2018, the accounts 6906 (Optimum Basin Mgmt. Program Engineering Services) section was below the Year-To-Date (YTD) budget by \$145,499 or 42.1%. The majority of expenses within this OBMP category were under budget (YTD), however, the accounts which were over budget were as follows: the Integrated Model Meetings-IEUA Costs (6906.15) which were over budget by \$1,068 or 21.4%; the Water Rights Compliance Reporting expenses (6906.22) which were over budget by \$10,003 or 156.0%; the OBMP-Data Requests-CBWM Staff Engineering Services expenses (6906.71) which were over budget by \$1,972 or 7.9%; and the OBMP-2018 RMPU Master Update expenses (6906.90) which were over budget by \$43,496 or 319.8%.

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 \$37,959 while some other line item activities were below the budget by \$86,047. Above the budget line item was the Recharge Master Plan expenses of \$13,748; and the Safe Yield Recalculation expenses of \$24,211. The individual legal projects/activities that were below budget for the Year-To-Date (YTD) period were the Archibald South Plume of \$3,279; the Chino Airport Plume of \$3,279; the Desalter/Hydraulic Control of \$5,770; the Santa Ana River Water Rights of \$3,303; the Santa Ana River Habitat of \$8,924; the Regional Water Quality Control Board of \$3,937; Storage Agreements of \$6,227; the Prado Basin Habitat Sustainability of \$3,801; SGMA Compliance of \$12,493; OBMP Update of \$27,047; and the WM Unanticipated legal expenses of \$7,987. For the three months ended September 30, 2018, the overall cumulative (YTD) budget was \$153,571 and the actual (BHFS) legal expenses totaled \$105,483 which resulted in an under budget variance of \$48,088 or 31.3%.

The OBMP Other Expenses (6909's) were below the budget for the month. These expenses are typically conference calls, meeting expenses, supplies, annual inspection fees, and other miscellaneous type expenses. As of September 30, 2018 this category of expenses was \$1,478 or 69.8% below the budgeted amount of \$2,119.

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); WEI Support-HCP Modeling expenses (6910.15); and RMPU-MPI Analysis expenses (6910.20). These expenses are billed directly to IEUA on the following month once the payment has been issued to Wildermuth Environmental, Inc. per the agreement. As of September 30, 2018 this category of expenses was fully invoiced in the amount of \$0 to IEUA.

Overall, the Optimum Basin Management Program (OBMP) category was \$329,404 compared to a (YTD) budget of \$543,230 for an under budget of \$213,826 or 39.4% as of September 30, 2018.

The table listed below summarizes the Optimum Basin Management Program (OBMP) expenses as of September 30, 2018 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:

	<u>Jul '18 - Sep '18</u> <u>Actual</u>	<u>Jul '18 - Sep '18</u> <u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>	<u>FY 2018/19</u> <u>Annual Budget</u>
6900 · Optimum Basin Mgmt Plan					
6901 · WM Staff Salaries	16,791.62	35,232.00	-18,440.38	47.66%	140,931.00
6903 · OBMP SAWPA Group	6,421.00	6,742.00	-321.00	95.24%	6,742.00
Total 6901-6903 · OBMP WM Staff/SAWPA	23,212.62	41,974.00	-18,761.38	55.3%	147,673.00
6906 · OBMP Engineering Services					
6906.1 · OBMP - Watermaster Model Update	0.00	14,633.00	-14,633.00	0.0%	58,544.00
6906.15 · Integrated Model Mtgs. - IEUA Costs	6,060.50	4,993.00	1,067.50	121.38%	19,960.00
6906.21 · State of the Basin Report	3,467.60	39,604.00	-36,136.40	8.76%	158,422.00
6906.22 · Water Rights Compliance Reporting	16,415.35	6,412.00	10,003.35	256.01%	25,650.00
6906.23 · SGMA Reporting Requirements	0.00	3,375.00	-3,375.00	0.0%	13,500.00
6906.24 · Compliance - SB88 and SWRCB	0.00	2,026.00	-2,026.00	0.0%	8,092.00
6906.26 · 2019 OBMP Update	5,754.63	39,718.00	-33,963.37	14.49%	158,872.00
6906.27 · HCP Meetings/Tech. Review-IEUA Cost	0.00	4,454.00	-4,454.00	0.0%	17,810.00
6906.28 · Agriculture Prod. & Estimation	0.00	5,613.00	-5,613.00	0.0%	22,452.00
6906.31 · OBMP - Pool, Advisory, Board Mtgs.	23,423.49	24,490.00	-1,066.51	95.65%	97,962.00
6906.32 · OBMP - Other General Meetings	10,770.35	20,271.00	-9,500.65	53.13%	81,093.00
6906.71 · OBMP - Data Requests - CBWM Staff	26,983.39	25,011.00	1,972.39	107.89%	100,044.00
6906.72 · OBMP - Data Requests - Non CBWM	3,170.90	8,084.00	-4,913.10	39.22%	32,348.00
6906.73 · OBMP - Safe Yield Recalculation	37,827.20	101,721.00	-63,893.80	37.19%	406,884.00
6906.74 · OBMP - Mat'l Phy. Injury Requests	513.30	17,994.00	-17,480.70	2.85%	71,967.00
6906.81 · Prepare Annual Reports	3,927.10	4,873.00	-945.90	80.59%	19,498.00
6906.9 · OBMP - 2018 RMPU Master Update	57,094.63	13,599.00	43,495.63	419.84%	54,396.00
6906 · OBMP Engineering Services - Other	4,658.70	8,695.00	-4,036.30	53.58%	34,768.00
Total 6906 · OBMP Engineering Services	200,067.14	345,566.00	-145,498.86	57.9%	1,382,262.00
6907 · OBMP Legal Fees					
6907.3 · WM Legal Counsel					
6907.31 · Archibald South Plume	0.00	3,279.00	-3,279.00	0.0%	13,125.00
6907.32 · Chino Airport Plume	0.00	3,279.00	-3,279.00	0.0%	13,125.00
6907.33 · Desalter/Hydraulic Control	133.65	5,904.00	-5,770.35	2.26%	23,625.00
6907.34 · Santa Ana River Water Rights	768.15	4,071.00	-3,302.85	18.87%	16,275.00
6907.36 · Santa Ana River Habitat	1,903.95	10,828.00	-8,924.05	17.58%	43,300.00
6907.38 · Reg. Water Quality Cntrl Board	0.00	3,937.00	-3,937.00	0.0%	15,750.00
6907.39 · Recharge Master Plan	25,598.22	11,850.00	13,748.22	216.02%	47,400.00
6907.40 · Storage Agreements	16,872.63	23,100.00	-6,227.37	73.04%	92,400.00
6907.41 · Prado Basin Habitat Sustainability	263.25	4,064.00	-3,800.75	6.48%	16,250.00
6907.42 · Safe Yield Recalculation	52,711.27	28,500.00	24,211.27	184.95%	114,000.00
6907.44 · SGMA Compliance	7,232.28	19,725.00	-12,492.72	36.67%	78,900.00
6907.45 · OBMP Update	0.00	27,047.00	-27,047.00	0.0%	108,200.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	7,987.00	-7,987.00	0.0%	31,950.00
Total 6907 · WM Legal Counsel	105,483.40	153,571.00	-48,087.60	68.69%	614,300.00
Total 6907 · OBMP Legal Fees	105,483.40	153,571.00	-48,087.60	68.69%	614,300.00
6909 · OBMP Other Expenses					
6909.1 · OBMP Meetings	640.81	375.00	265.81	170.88%	1,500.00
6909.3 · Other OBMP Expenses	0.00	497.00	-497.00	0.0%	2,000.00
6909.6 · OBMP Expenses - Miscellaneous	0.00	1,247.00	-1,247.00	0.0%	5,000.00
Total 6909 · OBMP Other Expenses	640.81	2,119.00	-1,478.19	30.24%	8,500.00
6910 · WEI Support for IEUA					
6910.50 · WEI Support for IEUA-Billings	0.00	0.00	0.00	0.0%	0.00
Total 6910 · WEI Support for IEUA	0.00	0.00	0.00	0.0%	0.00
Total 6900 · Optimum Basin Mgmt Plan	329,403.97	543,230.00	-213,826.03	60.64%	2,152,735.00

PREVIOUSLY REPORTED ACTIONS (Descending Order)
None

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

CURRENT MONTH – SEPTEMBER 2018

*Watermaster's function is to administer and enforce provisions of the Judgment and subsequent orders of the Court,
and to develop and implement an Optimum Basin Management Program*

As of September 30, 2018, the total (YTD) Engineering Services expenses were \$359,980 or 14.9% below the (YTD) budget amount of \$2,417,491. The OBMP Implementation Projects (consolidated accounts 7100's – 7700's) were all under budget as of September 30, 2018, with the exception of the Groundwater Quality-Engineering expenses (7103.3) which were over budget by \$7,999 or 12.6%; Groundwater Quality-Laboratory Services expenses (7103.5) which were over budget by \$734 or 3.8%; PE4-Engineering expenses (7402) which were over budget by \$37,858 or 144.3%; and PE8&9-Engineering expenses (7602) which were over budget by \$1,551 or 1.7%.

Wildermuth Environmental, Inc. provides Watermaster an Estimated Cost at Completion (ECAC) report each quarter. The purpose of this ECAC report is to update Watermaster on whether or not the Engineering Services budget will be above or below budget at the end of the fiscal year. If the Engineering Services budget is expected to be above budget at fiscal year-end, a Budget Amendment or Budget Transfer Form would need to be approved to ensure funding. The first quarter ECAC report (for the months July 2018 – September 2018) is scheduled to be produced by Wildermuth Environmental, Inc. and distributed to Watermaster during the month of November 2018.

The table listed below summarized the Year-To-Date (YTD) Actual Wildermuth Environmental, Inc., (WEI) and other Engineering costs compared to the Year-To-Date (YTD) Budget as of September 30, 2018. 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 '18 - Sep '18 Actual	Jul '18 - Sep '18 Budget	\$ Over Budget	% of Budget	FY 2018/19 Annual Budget
6906 · OBMP Engineering Services - Other	4,658.70	8,695.00	-4,036.30	53.58%	34,768.00
6906.1 · OBMP - Watermaster Model Update	0.00	14,533.00	-14,533.00	0.0%	58,544.00
6906.15 · Integrated Model Mtgs-IEUA Cost	6,060.50	4,993.00	1,067.50	121.38%	19,960.00
6906.21 · State of the Basin Report	3,467.60	39,604.00	-36,136.40	8.76%	158,422.00
6906.22 · Water Rights Compliance Reporting	16,415.35	6,412.00	10,003.35	256.01%	25,650.00
6906.23 · SGMA Reporting Requirements	0.00	3,375.00	-3,375.00	0.0%	13,500.00
6906.24 · Compliance - SB88 and SWRCB	0.00	2,026.00	-2,026.00	0.0%	8,092.00
6906.26 · 2019 obmp Update	5,754.63	39,718.00	-33,963.37	14.49%	158,872.00
6906.27 · HCP Meetings/Technical Review-IEUA Cos	0.00	4,454.00	-4,454.00	0.0%	17,810.00
6906.28 · Agriculture Prod. & Estimation	0.00	5,613.00	-5,613.00	0.0%	22,452.00
6906.31 · OBMP - Pool, Advisory, Board Mtgs.	23,423.49	24,490.00	-1,066.51	95.65%	97,962.00
6906.32 · OBMP - Other General Meetings	10,770.35	20,271.00	-9,500.65	53.13%	81,093.00
6906.71 · OBMP - Data Requests - CBWM Staff	26,983.39	25,011.00	1,972.39	107.89%	100,044.00
6906.72 · OBMP - Data Requests - Non CBWM	3,170.90	8,084.00	-4,913.10	39.22%	32,348.00
6906.73 · OBMP - Safe Yield Recalculation	37,827.20	101,721.00	-63,893.80	37.19%	406,884.00
6906.74 · OBMP - Mat'l Physical Injury Requests	513.30	17,994.00	-17,480.70	2.85%	71,967.00
6906.81 · Prepare Annual Reports	3,927.10	4,873.00	-945.90	80.59%	19,498.00
6906.90 · OBMP - 2018 RMPU Master Update	57,094.63	13,599.00	43,495.63	419.84%	54,396.00
7103.3 · Grdwtr Qual-Engineering	71,310.47	63,311.00	7,999.47	112.64%	199,243.00
7103.5 · Grdwtr Qual-Lab Svcs	20,144.00	19,410.00	734.00	103.78%	38,820.00
7104.3 · Grdwtr Level-Engineering	44,028.96	60,082.00	-16,053.04	73.28%	240,328.00
7104.8 · Grdwtr Level-Contracted Services	0.00	2,503.00	-2,503.00	0.0%	10,000.00
7104.9 · Grdwtr Level-Capital Equipment	0.00	1,997.00	-1,997.00	0.0%	8,000.00
7107.2 · Grd Level-Engineering	10,772.64	43,177.00	-32,404.36	24.95%	98,243.00
7107.3 · Grd Level-SAR Imagery	12,000.00	21,250.00	-9,250.00	56.47%	85,000.00
7107.6 · Grd Level-Contract Svcs	9,370.71	38,605.00	-29,234.29	24.27%	92,227.00
7107.8 · Grd Level-Capital Equipment	0.00	3,170.00	-3,170.00	0.0%	12,692.00
7108.31 · Hydraulic Control-PBHSP	5,018.35	19,289.00	-14,270.65	26.02%	77,159.00
7108.4 · Hydraulic Control-Lab Svcs	1,634.00	2,260.00	-626.00	72.3%	9,038.00
7108.41 · Hydraulic Control-PBHSP	1,050.00	5,008.00	-3,958.00	20.97%	15,026.00
7108.6 · Hydraulic Control-Outside Professionals	0.00	2,503.00	-2,503.00	0.0%	10,000.00
7109.3 · Recharge & Well - Engineering	1,448.40	6,312.00	-4,863.60	0.0%	25,248.00
7202.2 · Comp Recharge-Engineering Services	12,924.77	22,907.00	-9,982.23	56.42%	91,640.00
7303 · PE3&5-Engineering - Other	0.00	2,443.00	-2,443.00	0.0%	9,760.00
7402 · PE4-Engineering	64,085.74	26,228.00	37,857.74	244.34%	104,910.00
7402.10 · PE4-MZ1 Pomona Project	1,490,284.62	1,573,565.00	-83,280.38	94.71%	1,703,417.00
7403 · PE4-Contract Svcs	0.00	2,503.00	-2,503.00	0.0%	10,000.00
7502 · PE6&7-Engineering	18,222.50	21,978.00	-3,755.50	82.91%	87,912.00
7510 · PE6&7-IEUA Salinity Mgmt. Plan	1,237.70	41,164.00	-39,926.30	3.01%	108,178.00
7602 · PE8&9-Engineering	93,910.61	92,360.00	1,550.61	101.68%	105,348.00
Total Engineering Services Costs	2,057,510.61	2,417,491.00	-359,980.39	85.11%	4,524,451.00 *

* Wildermuth and Subcontractor Engineering Budget of \$2,929,798 plus Carryover Funds from FY 2017/18 of \$1,594,653
Carryover Funds from FY 2017/18 of \$1,594,653 = \$24,822 (7107.2); \$20,727 (7107.6); \$1,530,279 (7402.10); and \$18,825 (7510)

PREVIOUSLY REPORTED ACTIONS (Descending Order)

July 2018:

The breakdown of the total Task Order amount of \$2,929,798 includes direct labor costs for Wildermuth Environmental, Inc. (87.2%) along with other direct charges such as equipment rental, laboratory fees, travel costs, reproduction costs, and outside professional services (12.8%).

The approved "Original" Engineering Services budget of \$2,929,798 was increased by "Carry Over" funding in the amount of \$1,594,653 to the "Amended" amount of \$4,524,451 for FY 2018/19 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 2018/19 timeframe or future years. The Carry-Over amount of \$1,594,653 from FY 2017/18 to the FY 2018/19 budget are provided in detail as follows:

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1. 7107.2 Ground-Level - Engineering Services of \$24,822. The Watermaster's Subsidence Management Plan includes a "long-term pumping test" in the Managed Area to test the Guidance Level that was budgeted for in FY 2017/18. The test was not performed in FY 2017/18. This carryover budget will support the monitoring of injection, production, groundwater levels, and ground motion associated with the test, if it is performed in FY 2018/19.
2. 7107.6 Ground-Level - Contract Services of \$20,727. The Watermaster's Subsidence Management Plan includes a "long-term pumping test" in the Managed Area to test the Guidance Level that was budgeted for in FY 2017/18. The test was not performed in FY 2017/18. This carryover budget will support the monitoring of injection, production, groundwater levels, and ground motion associated with the test, if it is performed in FY 2018/19.
3. 7402.1 OBMP Engineering Services Northwest MZ-1 for \$1,530,279. The installation of the Pomona Extensometer has been delayed until FY 2018/19 and the monitoring program in Northwest MZ-1 has not yet been fully implemented. The carryover request will support the efforts to drill, construct, equip, test, and document the installation of the Pomona Extensometer, and complete the installation of the monitoring network in Northwest MZ-1.
4. 7510 IEUA - Update Recycled Water Permit-Salinity for \$18,825. The Salinity Management effort is a 2.5-year project and is being cost shared with IEUA. FY 2017/18 was the first year of implementation. The unspent budget in FY 2017/18 is necessary to complete the total project.

PRADO BASIN HABITAT SUSTAINABILITY PROGRAM

Ongoing Costs

Program costs that are ongoing (Ongoing Costs) will be cost-shared between Watermaster and IEUA, split on a 50/50 basis, subject to the following limitation: in each fiscal year, neither Watermaster nor IEUA shall be obligated to reimburse the other for Ongoing Costs that exceed the amount that the reimbursing party has budgeted for Ongoing Costs in that fiscal year, except as agreed upon by both parties in writing or as amended during the fiscal year. The first year expenses (FY 2016/17) to be cost shared were approximately \$300,000, with projected future years (FY 2017/18 and forward) estimated at approximately \$150,000. For the purposes of the agreement, Ongoing Costs are defined as the costs associated with the following Program activities:

1. A Riparian Habitat Monitoring Program, including, but not limited to, the following sub-tasks:
 - a. Design and implement a site-specific vegetation monitoring program with the United States Bureau of Reclamation (USBR) and Orange County Water District, pursuant to which USBR will perform site-specific vegetation surveys.
 - b. Manage and perform custom flight to collect a high resolution air photo of the Prado Basin Region.
 - c. Collect, check, and upload historical air photos and vegetation survey data in the Prado Basin region.
 - d. Collect, check, and upload historical Landsat data in the Prado Basin region.
2. A Climate Monitoring Program, including, but not limited to, the following sub-task:
 - a. Collect, check, and upload climatic data on an annual basis
3. Preparation of the AMP Annual Report (Annual Report), including, but not limited to, the following sub-tasks:
 - a. Water level monitoring, vegetation survey, photo monitoring, landsat data, climate data and analysis of the components.
 - b. Analyze data and prepare an administrative draft of the Annual Report for Watermaster/IEUA.
 - c. Incorporate the Watermaster and IEUA comments and prepare a draft Annual Report for review by the PBHSC.
 - d. Meet with PBHSC to review draft Annual Report.
 - e. Incorporate PBHSC comments and finalize the Annual Report.

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4. Annual license fees for monitoring wells.
5. Project management and administration activities associated with the Program undertaken by a Party's consultant, including, but not limited to, the following sub-tasks:
 - a. Ad-Hoc Meetings
 - b. Preparation of scope and budget for the Program
 - c. Project administration and financial reporting
6. Other costs required to fulfill the requirements of Peace II Subsequent EIR mitigation measure 4.4-3.

Watermaster shall be responsible for the costs associated with the Groundwater Level Monitoring Program, Groundwater Quality Monitoring Program, and Surface Water Monitoring Program.

Watermaster and IEUA shall each have responsibility for its own administrative costs, excluding the tasks and expenses included under Set-Up Costs and Ongoing Costs.

Watermaster and IEUA will meet to review the cost-sharing structure under this agreement and negotiate necessary adjustments in good faith on at least an annual basis.

The Peace II SEIR does not explicitly state a duration for the monitoring and mitigation program. It is logical to assume that the program will last until the drawdown impacts, if any, on the riparian habitat from Peace II activities are fully manifested and not predicated to worsen, and that mitigation measures, if any are required, are fully implemented. This is not a perpetual agreement. Upon termination of the monitoring and any necessary mitigation obligations, the parties may elect to terminate the cost share agreement.

	Wildermuth Environmental, Inc.	50% Billing "TO" IEUA	50% Billing "FROM" IEUA	Costs For Watermaster
Jul. 2018 - Sep. 2018	\$ 10,036.70	\$ (5,018.35)	\$ -	\$ 5,018.35
Totals	\$ 10,036.70	\$ (5,018.35)	\$ -	\$ 5,018.35
	7108.31	7108.31	7108.31	
Maximum Costs	\$ 174,318.00	\$ 87,159.00	\$ 87,159.00	\$ 87,159.00

PREVIOUSLY REPORTED ACTIONS (Descending Order)
None:

OTHER INCOME AND EXPENSE

There were no other significant items to report within the category of Other Income and Expenses for the month ending September 30, 2018.

PREVIOUSLY REPORTED ACTIONS (Descending Order)

July 2018:

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 2018/19 annual administrative fee invoice was issued on July 6, 2018 in the amount of \$167,712.36 under invoice number 2018-DYY. Payment in the amount of \$167,712.36 was received and deposited on August 7, 2018.

"CARRY OVER" FUNDING

BACKGROUND OF "CARRY OVER" FUNDING

Watermaster's function is to administer and enforce provisions of the Judgment and subsequent orders of the Court, and to develop and implement an Optimum Basin Management Program

Once the FY 2017/18 period as of June 30, 2018 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 2018/19 budget. The Total "Carry Over" funding amount of \$4,728,140.07 was posted to the accounts as of July 1, 2018. The total amount of \$4,728,140.07 consisted of \$3,068,940.82 from Capital Improvement Projects, \$1,594,653.00 from Engineering Services, and \$64,546.25 from Administration Services (\$3,068,940.82 + \$1,594,653.00 + \$64,546.25 = \$4,728,140.07).

CURRENT MONTH – SEPTEMBER 2018

As of September 30, 2018, the total (YTD) amount remaining of the "Carried Over" funding is \$2,086,873.81 (\$4,728,140.07 - \$2,641,266.26 = \$2,086,873.81).

The following details are provided:

"Carried Over" Expenses At June 30, 2018

			GL Account		
Blomquist Report - Update	\$ 7,500.00	A	6061.6	FY 2017/18	ADMIN
Grd Level - MVWD SCADA Reimbursement	\$ 57,046.25	B	7107.63	FY 2017/18	ADMIN
Ground Level - Engineering Services	\$ 24,822.00	C	7107.2 ²	FY 2017/18	ENG
Ground Level - Contract Services	\$ 20,727.00	D	7107.6 ³	FY 2017/18	ENG
PE4 - Northwest MZ-1 Area Project	\$ 1,530,279.00	E	7402.1 ⁴	FY 2017/18	ENG
PE6&7-IEUA Salinity Mgmt. Plan	\$ 18,825.00	F	7510 ⁵	FY 2017/18	ENG
Jurupa Pumping Station (TO #5)	\$ 37,981.33	G	7209.1 ¹	FY 2013/14	PROJ
Wineville Basin Proof of Concept (TO #6)	\$ 35,397.53	H	7209.2 ¹	FY 2013/14	PROJ
RMPU Amendment (TO #1)	\$ 589,923.18	I	7690.15	FY 2016/17	PROJ
East Declez Basin (TO #1)	\$ 1,171.33	J	7690.16 ¹	FY 2016/17	PROJ
Hickory Basin Recharge Improvement Project	\$ 3,877.00	K	7690.3 ¹	FY 2013/14	PROJ
San Sevaine Recharge Improvement Project (TO #8)	\$ 106,590.18	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
San Sevaine Recharge Improvement Project (TO #8)	\$ 1,065,600.00	L	7690.4	FY 2016/17	PROJ
CB20 Turnout Noise Abatement Project	\$ 859.80	M	7690.5 ¹	FY 2013/14	PROJ
GWR SCADA Upgrades (TO #4)	\$ 36,615.05	N	7690.61	FY 2014/15	PROJ
GWR SCADA Upgrades (TO #4)	\$ 38,675.00	N	7690.61	FY 2015/16	PROJ
Upper Santa Ana River HCP (TO #7)	\$ 15,062.88	O	7690.7	FY 2014/15	PROJ
Upper Santa Ana River HCP (TO #7)	\$ 5,000.00	O	7690.7	FY 2015/16	PROJ
Lower Day Basin RMPU (TO #2)	\$ 5,287.54	P	7690.8	FY 2016/17	PROJ
Total Balance, June 30, 2018	\$ 4,728,140.07				

"Carried Over" Balance, July 1, 2018	\$	4,728,140.07			
Less: (Invoices Received To Date FY 2018/19)					
Ground Level - Engineering Services	\$	(10,772.64)	C	7107.2 ²	
Ground Level - Contract Services	\$	(9,370.71)	D	7107.6 ³	
PE4 - Northwest MZ-1 Area Project	\$	(1,490,284.62)	E	7402.1 ⁴	
PE6&7-IEUA Salinity Mgmt. Plan	\$	(1,237.70)	F	7510 ⁵	
Jurupa Pumping Station (TO #5)	\$	(37,981.33)	G	7209.1 ¹	Budget Transfer T-18-07-01 (OUT)
Wineville Basin Proof of Concept (TO #6)	\$	(35,397.53)	H	7209.2 ¹	Budget Transfer T-18-07-01 (OUT)
RMPU Amendment (TO #1)	\$	690,258.97	I	7690.15	Budget Transfer T-18-07-01 (IN)
RMPU Amendment (TO #1)	\$	(980,182.15)	I	7690.15	Invoice Paid
Hickory Basin Recharge Improvement Project	\$	(3,877.00)	K	7690.3 ¹	Budget Transfer T-18-07-01 (OUT)
San Sevaine Recharge Improvement Project (TO #8)	\$	(106,590.18)	L	7690.4	Budget Transfer T-18-07-01 (OUT)
San Sevaine Recharge Improvement Project (TO #8)	\$	(1,126,900.00)	L	7690.4	Budget Transfer T-18-07-01 (OUT)
San Sevaine Recharge Improvement Project (TO #8)	\$	(1,065,600.00)	L	7690.4	Budget Transfer T-18-07-01 (OUT)
CB20 Turnout Noise Abatement Project	\$	(859.80)	M	7690.5 ¹	Budget Transfer T-18-07-01 (OUT)
GWR SCADA Upgrades (TO #4)	\$	(29,590.05)	N	7690.61	
Lower Day Basin RMPU (TO #2)	\$	414,540.85	P	7690.8	Budget Transfer T-18-07-01 (IN)
Lower Day Basin RMPU (TO #2)	\$	(119,828.39)	P	7690.8	Invoice Paid
Funds on Hold for Projects	\$	1,272,406.02	Q	7690.9	Budget Transfer T-18-07-01 (IN)
Updated Balance as of September 30, 2018	\$	<u>2,086,873.81</u>			

¹ Project completed with funds available for (1) reallocation to another project, (2) paydown debt service, (3) maintain as extra funding, or (4) distribution to the Appropriative Pool as a credit through the Assessment invoicing.

² Engineering work not completed in FY 2017/18 to perform ground level surveys for the long-term pumping test.

³ Outside professionals work not completed in FY 2017/18 to perform ground level surveys for the long-term pumping test.

⁴ Work not completed in FY 2017/18 for installation of the Pomona extensometer and monitoring program for the Northwest MZ-1 area.

⁵ Watermaster's portion of the unused FY 2017/18 budget to finalize the 2.5 year project to Update Recycled Water Permit with IEUA.

Updated Balance as of September 30, 2018

Blomquist Report - Update	\$	7,500.00	A	6061.6	FY 2017/18	ADMIN
Grd Level - MVWD SCADA Reimbursement	\$	57,046.25	B	7107.63	FY 2017/18	ADMIN
Ground Level - Engineering Services	\$	14,049.36	C	7107.2 ²	FY 2017/18	ENG
Ground Level - Contract Services	\$	11,356.29	D	7107.6 ³	FY 2017/18	ENG
PE4 - Northwest MZ-1 Area Project	\$	39,994.38	E	7402.1 ⁴	FY 2017/18	ENG
PE6&7-IEUA Salinity Mgmt. Plan	\$	17,587.30	F	7510 ⁵	FY 2017/18	ENG
Jurupa Pumping Station (TO #5)	\$	-	G	7209.1 ¹	FY 2013/14	PROJ
Wineville Basin Proof of Concept (TO #6)	\$	-	H	7209.2 ¹	FY 2013/14	PROJ
RMPU Amendment (TO #1)	\$	300,000.00	I	7690.15	FY 2016/17	PROJ
East Declaz Basin (TO #1)	\$	1,171.33	J	7690.16 ¹	FY 2016/17	PROJ
Hickory Basin Recharge Improvement Project	\$	-	K	7690.3 ¹	FY 2013/14	PROJ
San Sevaine Recharge Improvement Project (TO #8)	\$	-	L	7690.4	FY 2014/15	PROJ
San Sevaine Recharge Improvement Project (TO #8)	\$	-	L	7690.4	FY 2015/16	PROJ
San Sevaine Recharge Improvement Project (TO #8)	\$	-	L	7690.4	FY 2016/17	PROJ
CB20 Turnout Noise Abatement Project	\$	-	M	7690.5 ¹	FY 2013/14	PROJ
GWR SCADA Upgrades (TO #4)	\$	7,025.00	N	7690.61	FY 2014/15	PROJ
GWR SCADA Upgrades (TO #4)	\$	38,675.00	N	7690.61	FY 2015/16	PROJ
Upper Santa Ana River HCP (TO #7)	\$	15,062.88	O	7690.7	FY 2014/15	PROJ
Upper Santa Ana River HCP (TO #7)	\$	5,000.00	O	7690.7	FY 2015/16	PROJ
Lower Day Basin RMPU (TO #2)	\$	300,000.00	P	7690.8	FY 2016/17	PROJ
Funds on Hold for Projects	\$	1,272,406.02	Q	7690.9	Budget Transfer T-18-07-01 (IN)	
Updated Balance as of September 30, 2018	\$	<u>2,086,873.81</u>				

Watermaster's function is to administer and enforce provisions of the Judgment and subsequent orders of the Court, and to develop and implement an Optimum Basin Management Program

ADMINISTRATION SERVICES:

Unspent funds related to ongoing projects and associated activities from the Administration Services budget from FY 2017/18 in several accounts totaling \$64,546.25 were "Carried Over" into the current FY 2018/19 budget. These funds were from the Blomquist Report-Update [A] in the amount of \$7,500 in account (6061.6); and Ground Level – MVWD SCADA Reimbursement [B] in the amount of \$57,046.25 in account (7107.63).

ENGINEERING SERVICES:

Unspent funds related to ongoing projects and associated activities from the Engineering Services budget from FY 2017/18 in several accounts totaling \$1,594,653 were "Carried Over" into the current FY 2018/19 budget. These funds were from the Ground Level - Engineering Services [C] in the amount of \$24,822 in account (7107.2); Ground Level - Contract Services [D] in the amount of \$20,727 in account (7107.6); PE4 – Northwest MZ-1 Area Project [E] in the amount of \$1,530,279 in account (7402.1); and PE6&7-IEUA Salinity Management Plan [F] in the amount of \$18,825 in account (7510).

COMPLETED PROJECTS WITH FUNDING AVAILABLE:

Several projects were completed during FY 2017/18 or in prior years and have remaining funds available to be either (1) reallocated to other project(s) that need additional funding, (2) keep amounts on reserve for future Capital Improvement Projects, (3) pay down the debt service; or (4) refunded back to the Appropriate Pool when the Assessment package is invoiced. The funding amounts available are as follows: Jurupa Pumping Station [G] in the amount of \$37,981.33 (account 7209.1); Wineville Basin Proof of Concept [H] in the amount of \$35,397.53 (account 7209.2); East Declez Basin [J] in the amount of \$1,171.33 (account 7690.16); Hickory Basin Recharge Improvement Project [K] in the amount of \$3,877.00 (account 7690.3); and CB20 Turnout Noise Abatement Project [M] in the amount of \$859.80 (account 7690.5). The total amount available is \$79,286.99 ($\$37,981.33 + \$35,397.53 + \$1,171.33 + \$3,877.00 + \$859.80 = \$79,286.99$).

ONGOING RECHARGE IMPROVEMENT PROJECTS:

The RMPU Amendment-Task Order #1 [I] has a remaining budget from FY 2016/17 of \$589,923.18 in account (7690.15); the San Sevaire Recharge Improvement Project-Task Order #8 [L] has a remaining funded budget balance of \$2,299,090.18 in account (7690.4); the GWR SCADA Upgrades-Task Order #4 [N] has a remaining funded budget balance of \$75,290.05 in account (7690.61); the Upper Santa Ana River HCP-Task Order #7 [O] has a remaining funded balance of \$20,062.88 in account (7690.7); and the Lower Day Basin RMPU-Task Order #2 [P] has a remaining funded budget balance of \$5,287.54 in account (7690.8). The total funded budget for these combined projects is \$2,989,653.83.

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 August 31, 2019, any remaining balances of the FY 2018/19 and prior years funding (if any), along with any new FY 2018/19 expenses, will then be "Carried Over" into the FY 2019/20 budget.

AUDIT FIELD WORK

FY 2017/18:

The auditors from the audit firm of Fedak & Brown LLP were onsite at the Watermaster offices on April 17, 2018. This was the start of the interim field work for the period of July 1, 2017 through February 28, 2018. The final field work for the period of March 1, 2018 through June 30, 2018 was completed during August 7, 2018 through August 8, 2018. The Annual Financial and Audit Reports were presented to the Watermaster Board by Fedak & Brown LLP at the October 25, 2018 Board meeting. The Annual Financial and Audit Reports for FY 2017/18 were posted to the Watermaster website on the afternoon of October 25, 2018.

PREVIOUSLY REPORTED ACTIONS (Descending Order)

None:

ASSESSMENT INVOICING

CURRENT MONTH – SEPTEMBER 2018

The FY 2018/19 Assessment Package (Draft) was presented at Workshop #1 on Tuesday, October 23, 2018 at 1:00pm. Workshop #2 for the FY 2018/19 Assessment Package (Draft) was held on Tuesday, October 30, 2018 at 1:00pm.

The FY 2018/19 Assessment Package is scheduled for presentation to the Appropriative and Non-Agricultural Pools on Thursday, November 8, 2018 and to the Agricultural Pool on Tuesday, November 13, 2018. The FY 2018/19 Assessment Package will be presented to the Advisory Committee and Board on Thursday, November 15, 2018.

If the FY 2018/19 Assessment Package is approved by the Advisory Committee and adopted by the Board on Thursday, November 15, 2018, the Assessment invoices will be issued by Watermaster no later than Friday, November 16, 2018 with payment due 30-days after invoice date. Payments will be due to Watermaster on Monday, December 17, 2018. As past practice, payment can be made to Watermaster by either a wire transfer or check. Per the judgment, late fees could be assessed for any payment not received as of 5:00pm on Monday, December 17, 2018.

PREVIOUSLY REPORTED ACTIONS (Descending Order)

August 2018:

The FY 2018/19 Assessment Package (Draft) is scheduled for presentation at Workshop #1 on Tuesday, October 23, 2018 at 1:00pm. If needed, the FY 2018/19 Assessment Package (Draft) is also scheduled for presentation at Workshop #2 on Tuesday, October 30, 2018 at 1:00pm.

The FY 2018/19 Assessment Package is scheduled for presentation to the Pools on Thursday, November 8, 2018 and to the Advisory Committee and Board on Thursday, November 15, 2018.

If the FY 2018/19 Assessment Package is approved by the Advisory Committee and adopted by the Board on Thursday, November 15, 2018, the Assessment invoices will be issued by Watermaster no later than Friday, November 16, 2018 with payment due 30-days after invoice date. Payments will be due to Watermaster on Monday, December 17, 2018. As past practice, payment can be made to Watermaster by either a wire transfer or check. Per the judgment, late fees could be assessed for any payment not received as of 5:00pm on Monday, December 17, 2018.

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

ATTACHMENTS

1. Financial Report - B5

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
October 2018

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/01/2018	21051	CARLOS LOPEZ	General Maintenance Services	1012 · Bank of America Gen'l Ckg	
Bill	10/01/2018			Break down/put together ETF desk-office painting	6024 · Building Repair & Maintenance	120.00
TOTAL						120.00
Bill Pmt -Check	10/03/2018	21052	BROWNSTEIN HYATT FARBER SCHRECK		1012 · Bank of America Gen'l Ckg	
Bill	08/31/2018	732290		732290	6078 · BHFS Legal - Miscellaneous	22,442.85
				Mileage/Parking Expense	8375 · BHFS Legal - Appropriative Pool	12.26
				Mileage/Parking Expense	8475 · BHFS Legal - Agricultural Pool	49.04
				Mileage/Parking Expense	8575 · BHFS Legal - Non-Ag Pool	12.26
				Federal Express	6078 · BHFS Legal - Miscellaneous	101.62
				Research	6078 · BHFS Legal - Miscellaneous	300.00
				Mileage/Parking Expense	6078 · BHFS Legal - Miscellaneous	36.78
Bill	08/31/2018	732291		732291	6073 · BHFS Legal - Personnel Matters	178.20
Bill	08/31/2018	732293		732293	6907.36 · Santa Ana River Habitat	1,762.20
Bill	08/31/2018	732294		732294	6275 · BHFS Legal - Advisory Committee	1,202.85
				Mileage/Parking Expense	6275 · BHFS Legal - Advisory Committee	36.78
Bill	08/31/2018	732295		732295	6375 · BHFS Legal - Board Meeting	6,996.60
				Research - Westlaw	6375 · BHFS Legal - Board Meeting	156.94
				Delivery/Ground Transportation	6375 · BHFS Legal - Board Meeting	150.00
Bill	08/31/2018	732296		732296	8375 · BHFS Legal - Appropriative Pool	1,514.70
Bill	08/31/2018	732297		732297	8475 · BHFS Legal - Agricultural Pool	1,514.70
Bill	08/31/2018	732298		732298	8575 · BHFS Legal - Non-Ag Pool	1,514.70
Bill	08/31/2018	732299		732299	6071 · BHFS Legal - Court Coordination	9,795.60
				Filing Fee	6071 · BHFS Legal - Court Coordination	86.00
				Mileage/Parking Expense	6071 · BHFS Legal - Court Coordination	36.78
Bill	08/31/2018	732300		732300	6077 · BHFS Legal - Party Status Maint	931.95
Bill	08/31/2018	732301		732301	6907.39 · Recharge Master Plan	11,627.10
				Mileage/Parking Expense	6907.39 · Recharge Master Plan	62.39
Bill	08/31/2018	732302		732302	6907.40 · Storage Agreements	3,782.70
Bill	08/31/2018	732303		732303	6907.41 · Prado Basin Habitat Sustain	263.25
Bill	08/31/2018	732304		732304	6907.42 · Safe Yield Recalculation	18,787.95
				Delivery/Ground Transportation	6907.42 · Safe Yield Recalculation	150.00
Bill	08/31/2018	732305		732305	6907.44 · SGMA Compliance	2,227.50
TOTAL						85,733.70
Bill Pmt -Check	10/03/2018	21053	WILDERMUTH ENVIRONMENTAL INC		1012 · Bank of America Gen'l Ckg	
Bill	08/31/2018	2018244		2018244	6906.31 · OBMP-Pool, Adv. Board Mtgs	6,966.97
Bill	08/31/2018	2018245		2018245	6906.32 · OBMP-Other General Meetings	6,891.60
Bill	08/31/2018	2018246		2018246	6906.71 · OBMP-Data Req.-CBWM Staff	6,247.81
Bill	08/31/2018	2018247		2018247	6906.72 · OBMP-Data Req.-Non CBWM Staff	305.20

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
October 2018

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	08/31/2018	2018248			6906.22 · Water Rights Compliance Rprting	5,023.70
Bill	08/31/2018	2018249			6906 · OBMP Engineering Services	2,692.40
Bill	08/31/2018	2018250			6906.9 · OBMP-2018 RMPU Master Update	27,194.30
Bill	08/31/2018	2018251			6906.73 · OBMP-Safe Yield Recalculation	21,661.20
Bill	08/31/2018	2018252			6906.15 · Integrated Model Mtgs-IEUA Cost	2,647.00
Bill	08/31/2018	2018253			6906.81 · Prepare Annual Reports	1,462.00
Bill	08/31/2018	2018254			7103.3 · Grdwtr Qual-Engineering	24,783.18
Bill	08/31/2018	2018255			7104.3 · Grdwtr Level-Engineering	12,464.46
Bill	08/31/2018	2018256			7107.2 · Grd Level-Engineering	3,490.96
Bill	08/31/2018	2018257			7107.2 · Grd Level-Engineering	102.00
Bill	08/31/2018	2018258			7402 · PE4-Engineering	22,200.45
Bill	08/31/2018	2018259			7402.10 · PE4 - Northwest MZ1 Area Proj.	5,160.24
Bill	08/31/2018	2018260			7108.31 · Hydraulic Control - PBHSP	9,116.10
Bill	08/31/2018	2018261			7109.3 · Recharge & Well - Engineering	1,448.40
Bill	08/31/2018	2018262			7202.2 · Engineering Svc	2,060.07
Bill	08/31/2018	2018263			7502 · PE6&7-Engineering	1,416.30
Bill	08/31/2018	2018264			7602 · PE8&9-Engineering	18,396.30
TOTAL						181,730.64
P56						
Bill Pmt -Check	10/05/2018	ACH 100518	CALPERS	1394905143	1012 · Bank of America Gen'l Ckg	
Bill	09/14/2018	1394905143		1394905143	60182.1 · Medical Insurance	6,152.76
TOTAL						6,152.76
Bill Pmt -Check	10/05/2018	21054	ACCENT COMPUTER SOLUTIONS, INC.		1012 · Bank of America Gen'l Ckg	
Bill	09/30/2018	123957		Balance due-Knowlton desktop	6055 · Computer Hardware	899.20
Bill	09/30/2018	123954		Balance due-Joswiak desktop	6055 · Computer Hardware	899.20
TOTAL						1,798.40
Bill Pmt -Check	10/05/2018	21055	APPLIED COMPUTER TECHNOLOGIES	3000	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2018	3000		Database Consulting Services-September 2018	6052.2 · Applied Computer Technol	3,120.00
TOTAL						3,120.00
Bill Pmt -Check	10/05/2018	21056	BOWCOCK, ROBERT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/20/2018	9/20 Advisory Comm		9/20/18 Advisory Committee Meeting	6311 · Board Member Compensation	125.00
Bill	09/27/2018	9/27 Board Mtg		9/27/18 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						250.00
Bill Pmt -Check	10/05/2018	21057	DI PRIMIO, ROBERT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/21/2018	9/21 Board Agenda Mt		9/21/18 Board agenda preview meeting	6311 · Board Member Compensation	125.00
Bill	09/27/2018	9/27 Board Mtg		9/27/18 Board meeting	6311 · Board Member Compensation	125.00
TOTAL						250.00

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
October 2018

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/05/2018	21058	EGOSCUE LAW GROUP, INC.	12074	1012 - Bank of America Gen'l Ckg	
Bill	09/30/2018	12074		Ag Pool Legal Servivces - September 2018	8467 - Ag Legal & Technical Services	22,912.50
TOTAL						22,912.50
Bill Pmt -Check	10/05/2018	21059	ELIE, STEVEN	Board Member Compensation	1012 - Bank of America Gen'l Ckg	
Bill	09/27/2018	9/27 Board Mtg		9/27/18 Board Meeting	6311 - Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	10/05/2018	21060	EUROFINS EATON ANALYTICAL		1012 - Bank of America Gen'l Ckg	
Bill	09/13/2018	L0411901		L0411901	7103.5 - Grdwtr Qual-Lab Svcs	2,512.00
Bill	09/13/2018	L0411900		L0411900	7103.5 - Grdwtr Qual-Lab Svcs	3,230.00
Bill	09/13/2018	L0414964		L0414964	7103.5 - Grdwtr Qual-Lab Svcs	1,449.00
Bill	09/20/2018	L0413216		L0413216	7103.5 - Grdwtr Qual-Lab Svcs	3,638.00
Bill	09/26/2018	L0414253		L0414253	7103.5 - Grdwtr Qual-Lab Svcs	3,768.00
Bill	09/26/2018	L0414258		L0414258	7103.5 - Grdwtr Qual-Lab Svcs	483.00
Bill	09/26/2018	L0414249		L0414249	7103.5 - Grdwtr Qual-Lab Svcs	3,678.00
Bill	09/27/2018	L0414455		L0414455	7103.5 - Grdwtr Qual-Lab Svcs	1,386.00
Bill	10/03/2018	L0415538		L0415538	7103.5 - Grdwtr Qual-Lab Svcs	1,256.00
TOTAL						21,400.00
Bill Pmt -Check	10/05/2018	21061	FEENSTRA, BOB	Ag Pool Member Compensation	1012 - Bank of America Gen'l Ckg	
Bill	09/07/2018	9/07 SY Mtg @ CVWD		SY Reset Appeal Settlement meeting at CVWD	8470 - Ag Meeting Attend -Special	125.00
Bill	09/11/2018	9/11 Storage Wkshp		9/11/18 Storage Workshop	8470 - Ag Meeting Attend -Special	125.00
Bill	09/13/2018	9/13 Ag Pool Mtg		9/13/18 Ag Pool Meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	09/20/2018	9/20 Advisory Comm		9/20/18 Advisory Committee meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	09/27/2018	9/27 Board Mtg		9/27/18 Board meeting	8470 - Ag Meeting Attend -Special	125.00
TOTAL						625.00
Bill Pmt -Check	10/05/2018	21062	FILIPPI, GINO	Board Member Compensation	1012 - Bank of America Gen'l Ckg	
Bill	09/27/2018	9/27 Board Mtg		9/27/18 Board Meeting	6311 - Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	10/05/2018	21063	GEYE, BRIAN	Board Member Compensation	1012 - Bank of America Gen'l Ckg	
Bill	09/11/2018	9/11 Storage Wkshp		9/11/18 Storage workshop	6311 - Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	10/05/2018	21064	HUITSING, JOHN	Ag Pool Member Compensation	1012 - Bank of America Gen'l Ckg	
Bill	09/13/2018	9/13 Ag Pool Mtg		9/13/18 Ag Pool Meeting	8411 - Compensation	25.00
				9/13/18 Ag Pool Meeting	8470 - Ag Meeting Attend -Special	100.00
TOTAL						125.00

TOTAL 557

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/05/2018	21065	INLAND EMPIRE UTILITIES AGENCY	90022892	1012 · Bank of America Gen'l Ckg	
Bill	10/01/2018	90022892		GW Recharge O&M reimbursement 2nd quarter	7206 · Comp Recharge-O&M	293,578.73
TOTAL						293,578.73
Bill Pmt -Check	10/05/2018	21066	KUHN, BOB	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/13/2018	9/13 Appro Pool Mtg		9/13/18 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00
Bill	09/20/2018	9/20 Advisory Comm		9/20/18 Advisory Committee Meeting	6311 · Board Member Compensation	125.00
Bill	09/25/2018	9/25 Admin Mtg		9/25/18 Administrative Meeting	6311 · Board Member Compensation	125.00
Bill	09/27/2018	9/27 Board Mtg		9/27/18 Board meeting	6311 · Board Member Compensation	125.00
TOTAL						500.00
Bill Pmt -Check	10/05/2018	21067	PAYCHEX	2018092700	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2018	2018092700		September 2018	6012 · Payroll Services	309.77
TOTAL						309.77
Bill Pmt -Check	10/05/2018	21068	PIERSON, JEFFREY	Ag Pool and Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/13/2018	9/13 Ag Pool Mtg		9/13/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	09/20/2018	9/20 Advisory Comm		9/20/18 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	09/20/2018	9/20 RIPCom Mtg		9/20/18 RIPCom Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	09/21/2018	9/21 Admin Mtg		9/21/18 Administrative meeting w/GM, Board, Exec	6311 · Board Member Compensation	125.00
Bill	09/27/2018	9/27 Board Mtg		9/27/18 Board Meeting	6311 · Board Member Compensation	125.00
Bill	09/27/2018	9/27 GLMC Mtg		9/27/18 GLMC Meeting	8470 · Ag Meeting Attend -Special	125.00
TOTAL						750.00
Bill Pmt -Check	10/05/2018	21069	PIETERSMA, RONALD	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/13/2018	9/13 Ag Pool mtg		9/13/18 Ag Pool Meeting	8411 · Compensation	25.00
				9/13/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	10/05/2018	21070	PURCHASE POWER	8000-9090-0016-8851	1012 · Bank of America Gen'l Ckg	
Bill	10/05/2018	8000909000168851		Service fee	6042 · Postage - General	58.69
TOTAL						58.69
Bill Pmt -Check	10/05/2018	21071	RAUCH COMMUNICATION CONSULTANTS, LL	Sep-1803	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2018	Sep-1803		AR41 - work completed through August 2018	6061.3 · Rauch	1,356.25
TOTAL						1,356.25
Bill Pmt -Check	10/05/2018	21072	RR FRANCHISING, INC.	62163	1012 · Bank of America Gen'l Ckg	
Bill	10/01/2018	62163		Monthly janitorial service - October 2018	6024 · Building Repair & Maintenance	740.00
TOTAL						740.00

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/05/2018	21073	SKILLPATH SEMINARS	STAR 12 All Access Pass	1012 · Bank of America Gen'l Ckg	
Bill	09/26/2018	8045198		STAR12 All Access Passes for ETF and JN	6192 · Seminars - General	598.00
TOTAL						598.00
Bill Pmt -Check	10/05/2018	21074	STATE COMPENSATION INSURANCE FUND	1970970-18	1012 · Bank of America Gen'l Ckg	
Bill	10/01/2018	1970970-18		Monthly premium 9/26/18-10/26/18	60183 · Worker's Comp Insurance	552.42
TOTAL						552.42
Bill Pmt -Check	10/05/2018	21075	SWIFT, JOSH	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/27/2018	9/27 Board mtg		9/27/18 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	10/05/2018	21076	ULLOA, EUNICE	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/13/2018	9/13 Appro Pool MTG		9/13/18 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00
Bill	09/20/2018	9/20 Advisory Comm		9/20/18 Advisory Committee Meeting	6311 · Board Member Compensation	125.00
Bill	09/27/2018	9/27 Board Mtg		9/27/18 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						375.00
P59 Bill Pmt -Check	10/05/2018	21077	UNION 76	7076-2245-3035-5049	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2018	7076224530355049		September 2018	6175 · Vehicle Fuel	68.75
TOTAL						68.75
Bill Pmt -Check	10/05/2018	21078	VISION SERVICE PLAN	00-101789-0001	1012 · Bank of America Gen'l Ckg	
Bill	09/27/2018	001017890001		Vision Insurance Premium - October 2018	60182.2 · Dental & Vision Ins	63.18
TOTAL						63.18
Bill Pmt -Check	10/05/2018	21079	HUYNH, DAVID	Employee Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	10/05/2018			Reimbursement for safety boots for field work	6152 · Safety Shoes	172.39
TOTAL						172.39
Bill Pmt -Check	10/05/2018	21080	JURADO, ALONSO	Employee Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	10/05/2018			Reimbursement for safety boots for field work	6152 · Safety Shoes	172.39
TOTAL						172.39
General Journal	10/06/2018	10/06/2018	Payroll and Taxes for 09/23/18-10/06/18	Payroll and Taxes for 09/23/18-10/06/18	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 09/23/18-10/06/18	1012 · Bank of America Gen'l Ckg	27,450.03
				Payroll Taxes for 09/23/18-10/06/18	1012 · Bank of America Gen'l Ckg	9,074.79
			ICMA-RC	457(b) Employee Deductions for 09/23/18-10/06/18	1012 · Bank of America Gen'l Ckg	4,541.43
			ICMA-RC	401(a) Employee Deductions for 09/23/18-10/06/18	1012 · Bank of America Gen'l Ckg	1,311.76
TOTAL						42,378.01

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/10/2018	21081	BROWNSTEIN HYATT FARBER SCHRECK		1012 · Bank of America Gen'l Ckg	
Bill	09/30/2018	735551		40th Anniversary Event	6078 · BHFS Legal - Miscellaneous	2,207.25
				735551	6078 · BHFS Legal - Miscellaneous	23,624.55
				Mileage/Parking Expense	8375 · BHFS Legal - Appropriative Pool	12.26
				Mileage/Parking Expense	8475 · BHFS Legal - Agricultural Pool	12.26
				Mileage/Parking Expense	8575 · BHFS Legal - Non-Ag Pool	12.26
				Mileage/Parking Expense	6078 · BHFS Legal - Miscellaneous	36.78
				Mileage/Parking Expense	6078 · BHFS Legal - Miscellaneous	36.78
Bill	09/30/2018	735552		735552	6073 · BHFS Legal - Personnel Matters	1,916.10
Bill	09/30/2018	735553		Audit Response	6078 · BHFS Legal - Miscellaneous	580.05
Bill	09/30/2018	735554		735554	6907.34 · Santa Ana River Water Rights	490.05
Bill	09/30/2018	735555		735555	6907.33 · Desalter/Hydraulic Control	133.65
Bill	09/30/2018	735556		735556	6275 · BHFS Legal - Advisory Committee	1,539.00
				Mileage/Parking Expense	6275 · BHFS Legal - Advisory Committee	36.78
Bill	09/30/2018	735557		735557	6375 · BHFS Legal - Board Meeting	5,009.85
				Delivery/Ground Transportation	6375 · BHFS Legal - Board Meeting	150.00
Bill	09/30/2018	735558		735558	8375 · BHFS Legal - Appropriative Pool	1,514.70
Bill	09/30/2018	735559		735559	8475 · BHFS Legal - Agricultural Pool	1,514.70
Bill	09/30/2018	735560		735560	8575 · BHFS Legal - Non-Ag Pool	1,514.70
Bill	09/30/2018	735561		735561	6071 · BHFS Legal - Court Coordination	896.85
Bill	09/30/2018	735562		735562	6077 · BHFS Legal - Party Status Maint	2,260.35
Bill	09/30/2018	735563		735563	6907.39 · Recharge Master Plan	11,466.45
Bill	09/30/2018	735564		735564	6907.40 · Storage Agreements	12,449.70
				Mileage/Parking Expense	6907.40 · Storage Agreements	36.78
Bill	09/30/2018	735565		735565	6907.42 · Safe Yield Recalculation	12,154.05
				Delivery/Ground Transportation	6907.42 · Safe Yield Recalculation	300.00
				Mileage/Parking Expense	6907.42 · Safe Yield Recalculation	36.78
Bill	09/30/2018	735566		735566	6907.44 · SGMA Compliance	52.65
TOTAL						79,995.33
Bill Pmt -Check	10/11/2018	ACH 101118	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	10/06/2018	10/06/2018	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 09/23/18-10/06/18	2000 · Accounts Payable	7,106.42
TOTAL						7,106.42
Bill Pmt -Check	10/11/2018	21082	MICHAEL'S #3844	Office Renovation	1012 · Bank of America Gen'l Ckg	
Bill	10/11/2018	Order 58296		Custom frames of Annual Report covers	1840 · Capital Assets	206.88
TOTAL						206.88
Bill Pmt -Check	10/15/2018	21083	ACCENT COMPUTER SOLUTIONS, INC.	IT Managed Services	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2018	124095		GoDaddy 5-Slot SSL Certificate	6054 · Computer Software	112.98

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	09/30/2018	124093		Docking station-Jurado laptop	6055 · Computer Hardware	337.33
Bill	09/30/2018	123982		RAM upgrade-Jurado laptop	6055 · Computer Hardware	92.15
TOTAL						542.46
Bill Pmt -Check	10/15/2018	21084	ACWA JOINT POWERS INSURANCE AUTHORITY	0577843	1012 · Bank of America Gen'l Ckg	
Bill	10/11/2018	0577843		Prepayment - November 2018	1409 · Prepaid Life, BAD&D & LTD	218.64
				October 2018	60191 · Life & Disab.Ins Benefits	218.63
TOTAL						437.27
Bill Pmt -Check	10/15/2018	21085	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2018	XXXX-XXXX-XXXX-9341		50% deposit-Joswiak desktop	6055 · Computer Hardware	895.32
				Miscellaneous office supplies	6031.7 · Other Office Supplies	264.65
				Monitors for new field staff	6055 · Computer Hardware	237.23
				UPS battery backup-new field staff	6055 · Computer Hardware	283.85
				Phone supplies-new field staff	6031.7 · Other Office Supplies	76.42
				Spare phone holster	6031.7 · Other Office Supplies	10.89
				50% deposit-Knowlton desktop	6055 · Computer Hardware	895.31
				UPS battery for server room	6055 · Computer Hardware	51.26
				Study manuals for JW-TA exam	6192 · Seminars - General	464.98
				Extra phone cords	6031.7 · Other Office Supplies	11.94
				Cover for cell phone-field staff	6031.7 · Other Office Supplies	12.86
				Mouse pads for office	6031.7 · Other Office Supplies	29.99
				Uniforms for new field staff	6154 · Uniforms	322.20
				Deposit-Ontario Convention Center-40th Anniv.	1550 · Special Event-40th Anniversary	2,210.39
				HR personnel folders	6031.7 · Other Office Supplies	31.10
				TV-Turner Conference room	6031.7 · Other Office Supplies	650.66
				WINZip License-CFO	6054 · Computer Software	14.91
				Package to DiPrimio	6042 · Postage - General	17.00
				UPS for server room	6055 · Computer Hardware	145.14
				Miscellaneous office supplies	6031.7 · Other Office Supplies	125.33
				Miscellaneous office supplies	6031.7 · Other Office Supplies	56.05
				Miscellaneous office supplies	6031.7 · Other Office Supplies	24.88
				Lunch for staff/counsel pre-Storage Framework	6909.1 · OBMP Meetings	62.38
				Miscellaneous office supplies	6031.7 · Other Office Supplies	96.54
				Registration for JN to attend Seminar 11/05/18	6193.2 · Conference - Registration Fee	198.14
				Miscellaneous office supplies	6031.7 · Other Office Supplies	89.85
				HR staff meeting	6141.3 · Admin Meetings	48.18
				Staff/counsel lunch pre- Ag Meeting	8412 · Meeting Expenses	114.50
				Office furniture	1840 · Capital Assets	519.92
				OBMP mtg	6909.1 · OBMP Meetings	109.52
				Miscellaneous office supplies	6031.1 · Copy Paper	23.90

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Type	Date	Num	Name	Memo	Account	Paid Amount
				Miscellaneous office supplies	6031.7 · Other Office Supplies	61.78
				Wireless keyboard/mouse combo	6055 · Computer Hardware	33.84
				Miscellaneous office supplies	6031.7 · Other Office Supplies	47.74
				Miscellaneous office supplies	6031.7 · Other Office Supplies	10.94
				Membership renewal for AN to IAAP	6111 · Membership Dues	149.35
				PK mtg w/T. Layton, B. Lee	8312 · Meeting Expenses	68.42
				PK mtg w/K.Geinger, C. Jones	8312 · Meeting Expenses	61.00
				Miscellaneous office supplies	6031.7 · Other Office Supplies	22.31
				Airport parking-PK-Sept. 25-26 West. GW Congress	6191 · Conferences - General	35.84
				Dessert for 9/27 staff meeting	6141.3 · Admin Meetings	14.48
				Lunch-PK-Sept. 25-26 Western GW Congress	6191 · Conferences - General	12.54
				Hotel-PK-Sept. 25-26 Western GW Congress	6191 · Conferences - General	86.32
				Lamps for front office	6031.7 · Other Office Supplies	71.87
				Miscellaneous office supplies	6031.7 · Other Office Supplies	24.47
				PK mtg w/ETF., L. Gallindo	6909.1 · OBMP Meetings	51.99
				PK mtg w/T. Layton, V. Jew, B. Lee	8312 · Meeting Expenses	66.92
TOTAL						8,915.10
PG 8						
Bill Pmt -Check	10/15/2018	21086	CHEF DAVE'S CAFE & CATERING	8468	1012 · Bank of America Gen'l Ckg	
Bill	09/27/2018	8468		Lunch for 9/27/18 Watermaster Board meeting	6312 · Meeting Expenses	600.69
TOTAL						600.69
Bill Pmt -Check	10/15/2018	21087	CORELOGIC INFORMATION SOLUTIONS	81922110	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2018	81922110		81922110	7103.7 · Grdwtr Qual-Computer Svc	62.50
				81922110	7101.4 · Prod Monitor-Computer	62.50
TOTAL						125.00
Bill Pmt -Check	10/15/2018	21088	DE BOOM, NATHAN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/13/2018	9/13 Ag Pool Mtg		9/13/18 Ag Pool Meeting	8411 · Compensation	25.00
				9/13/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	10/15/2018	21089	EUROFINS EATON ANALYTICAL		1012 · Bank of America Gen'l Ckg	
Bill	10/05/2018	L0415880		L0415880	7103.5 · Grdwtr Qual-Lab Svcs	758.00
Bill	10/10/2018	L0416705		L0416705	7103.5 · Grdwtr Qual-Lab Svcs	628.00
Bill	10/11/2018	L0416909		L0416909	7103.5 · Grdwtr Qual-Lab Svcs	2,439.00
Bill	10/11/2018	L0416908		L0416908	7103.5 · Grdwtr Qual-Lab Svcs	1,056.00
TOTAL						4,881.00
Bill Pmt -Check	10/15/2018	21090	FIRST LEGAL NETWORK LLC	40021383	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2018	40021383		Court filing on 9/09/18	6061.5 · Court Filing Services	77.94

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Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAL						77.94
Bill Pmt -Check	10/15/2018	21091	JOHN J. SCHATZ	Legal Services	1012 - Bank of America Gen'l Ckg	
Bill	09/30/2018			Appropriative Pool Legal Services - Sept. 2018	8367 - Legal Service	6,936.00
TOTAL						6,936.00
Bill Pmt -Check	10/15/2018	21092	MOUNTAIN VIEW GLASS & MIRROR	63263	1012 - Bank of America Gen'l Ckg	
Bill	10/11/2018	63263		Glass top for cabinet-Turner Conference Room	6031.7 - Other Office Supplies	118.60
TOTAL						118.60
Bill Pmt -Check	10/15/2018	21093	PITNEY BOWES GLOBAL FINANCIAL SERVICE 3102504179		1012 - Bank of America Gen'l Ckg	
Bill	10/11/2018	3102504179		Postage meter lease	6044 - Postage Meter Lease	399.35
TOTAL						399.35
Bill Pmt -Check	10/15/2018	21094	TELLEZ-FOSTER, EDGAR	Employee Reimbursement	1012 - Bank of America Gen'l Ckg	
Bill	10/11/2018			Reimbursement for field staff meetings, tolls	6909.1 - OBMP Meetings	151.78
TOTAL						151.78
Bill Pmt -Check	10/15/2018	21095	U S POSTMASTER	Postage Due Account	1012 - Bank of America Gen'l Ckg	
Bill	10/11/2018			Replenish Postage Due account	6042 - Postage - General	20.00
TOTAL						20.00
Bill Pmt -Check	10/15/2018	21096	WELL TEC SERVICES	203929	1012 - Bank of America Gen'l Ckg	
Bill	10/09/2018	203929		Replace damaged pump/piping-monitoring well	7104.6 - Grdwtr Level-Supplies	5,862.40
TOTAL						5,862.40
Bill Pmt -Check	10/15/2018	21097	YUKON DISPOSAL SERVICE	21136525395	1012 - Bank of America Gen'l Ckg	
Bill	10/01/2018	21136525395		Disposal Service - October 2018	6024 - Building Repair & Maintenance	117.14
TOTAL						117.14
General Journal	10/20/2018	10/20/2018	Payroll and Taxes for 10/07/18-10/20/18	Payroll and Taxes for 10/07/18-10/20/18	1012 - Bank of America Gen'l Ckg	
				Direct Deposits for 10/07/18-10/20/18	1012 - Bank of America Gen'l Ckg	29,224.06
				Payroll Taxes for 10/07/18-10/20/18	1012 - Bank of America Gen'l Ckg	9,800.39
			ICMA-RC	457(b) Employee Deductions for 10/07/18-10/20/18	1012 - Bank of America Gen'l Ckg	4,615.57
			ICMA-RC	401(a) Employee Deductions for 10/07/18-10/20/18	1012 - Bank of America Gen'l Ckg	1,460.02
TOTAL						45,100.04
Bill Pmt -Check	10/23/2018	21098	ACCENT COMPUTER SOLUTIONS, INC.	123464	1012 - Bank of America Gen'l Ckg	
Bill	09/30/2018	123464		Balance due-Nelson dekstop	6055 - Computer Hardware	899.20
TOTAL						899.20

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/23/2018	21099	CUCAMONGA VALLEY WATER DISTRICT	Office Lease	1012 · Bank of America Gen'l Ckg	
Bill	10/16/2018			Office lease due November 1, 2018	1422 · Prepaid Rent	6,866.54
TOTAL						6,866.54
Bill Pmt -Check	10/23/2018	21100	EUROFINS EATON ANALYTICAL		1012 · Bank of America Gen'l Ckg	
Bill	09/17/2018	L0412501		L0412501	7108.41 · Hydraulic Control - PBHSP	1,075.00
Bill	09/28/2018	L0414700		L0414700	7108.41 · Hydraulic Control - PBHSP	175.00
Bill	10/09/2018	L0416478		L0416478	7103.5 · Grdwtr Qual-Lab Svcs	2,642.00
TOTAL						3,892.00
Bill Pmt -Check	10/23/2018	21101	FRONTIER COMMUNICATIONS	909-484-3890-050914-5	1012 · Bank of America Gen'l Ckg	
Bill	10/19/2018	90948438900509145		Office fax	6022 · Telephone	145.19
TOTAL						145.19
Bill Pmt -Check	10/23/2018	21102	GREAT AMERICA LEASING CORP.	23544148	1012 · Bank of America Gen'l Ckg	
Bill	10/17/2018	23544148		Invoice for October 2018	6043.1 · Ricoh Lease Fee	2,605.07
TOTAL						2,605.07
Bill Pmt -Check	10/23/2018	21103	LEGAL SHIELD	0111802	1012 · Bank of America Gen'l Ckg	
Bill	10/19/2018			Employee deductions - October 2018	60194 · Other Employee Insurance	79.70
TOTAL						79.70
Bill Pmt -Check	10/23/2018	21104	LOEB & LOEB LLP	1792840	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2018	1792840		Non-Ag Pool Legal Services - September 2018	8567 · Non-Ag Legal Service	17,031.60
TOTAL						17,031.60
Bill Pmt -Check	10/23/2018	21105	PETTY CASH	2751-2760	1012 · Bank of America Gen'l Ckg	
Bill	10/17/2018	2751-2760		Miscellaneous office supplies, painting supplies	6031.7 · Other Office Supplies	239.36
				Lunch for GM, counsel, staff -SY Reset mtg.	6909.1 · OBMP Meetings	30.37
				Printing pictures for framing-Annual Report covers	1840 · Capital Assets	64.22
				Supplies welcome breakfast for AJ and DH	6141.3 · Admin Meetings	33.20
TOTAL						367.15
Bill Pmt -Check	10/23/2018	21106	PREMIERE GLOBAL SERVICES	26532416	1012 · Bank of America Gen'l Ckg	
Bill	09/28/2018	26532416		Call on 9/05	6909.1 · OBMP Meetings	6.20
				Non-Ag Pool mtg call on 9/13	8512 · Meeting Expense	26.01
				Test on 9/18	6022 · Telephone	6.18
				Test on 9/18	6022 · Telephone	6.17
				Test on 9/18	6022 · Telephone	6.18
				Test on 9/19	6022 · Telephone	6.18
				Test on 9/20	6022 · Telephone	6.18

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Type	Date	Num	Name	Memo	Account	Paid Amount
				Test on 9/20	6022 · Telephone	6.18
				Test on 9/21	6022 · Telephone	6.19
				Service Fee - General	6022 · Telephone	49.00
				Service Fee - Confidential	6022 · Telephone	49.00
				Pomona extensometer call on 8/27	6909.1 · OBMP Meetings	7.75
				Prop 1 meeting preparation call on 8/28	6909.1 · OBMP Meetings	10.54
				Prop 1 data requests call on 8/31	6909.1 · OBMP Meetings	6.67
				WM coordination call on 9/10	6909.1 · OBMP Meetings	18.18
				Appropriative Pool mtg check call on 9/12	8312 · Meeting Expenses	6.18
				Ag Pool mtg check call on 9/12	8412 · Meeting Expenses	6.18
				Non-Ag Pool mtg check call on 9/12	8512 · Meeting Expense	6.19
				Test on 9/17	6022 · Telephone	6.18
				Test on 9/17	6022 · Telephone	6.20
				Test on 9/17	6022 · Telephone	6.18
				Test on 9/17	6022 · Telephone	6.18
				Test on 9/17	6022 · Telephone	6.18
				Test on 9/18	6022 · Telephone	6.19
				Test on 9/18	6022 · Telephone	6.18
				Test on 9/19	6022 · Telephone	6.19
				Test on 9/20	6022 · Telephone	6.18
				Test on 9/20	6022 · Telephone	6.18
				Test on 9/20	6022 · Telephone	6.18
				Test on 9/20	6022 · Telephone	6.18
				Test on 9/20	6022 · Telephone	6.21
				Test on 9/21	6022 · Telephone	6.19
				Test on 9/21	6022 · Telephone	6.18
				40th anniversary prep call on 9/21	6909.1 · OBMP Meetings	25.67
				Board agenda preview call on 9/21	6312 · Meeting Expenses	18.57
				Service Fee	6022 · Telephone	13.96
				Test on 9/21	6022 · Telephone	6.18
TOTAL						<u>392.32</u>
Bill Pmt -Check	10/23/2018	21107	STAULA, MARY L	Retiree Medical	1012 · Bank of America Gen'l Ckg	
Bill	10/31/2018			Retiree Medical	60182.4 · Retiree Medical	25.17
TOTAL						<u>25.17</u>
Bill Pmt -Check	10/23/2018	21108	UNITED HEALTHCARE	052558101160	1012 · Bank of America Gen'l Ckg	
Bill	10/17/2018	052558101160		Dental Insurance Premium - November 2018	60182.2 · Dental & Vision Ins	683.07
TOTAL						<u>683.07</u>
Bill Pmt -Check	10/23/2018	21109	VERIZON WIRELESS	9815877696	1012 · Bank of America Gen'l Ckg	

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
October 2018

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	10/19/2018	9815877696		Acct #470810953-00001	6022 · Telephone	392.67
				New equipment-Huynh	6022 · Telephone	577.49
TOTAL						970.16
Bill Pmt -Check	10/23/2018	21110	WESTERN MUNICIPAL WATER DISTRICT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/27/2018	9/27 Board Meeting		9/27/18 Board Meeting - Galleano attendance	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	10/23/2018	21111	ACWA	ACWA Dues for 2019	1012 · Bank of America Gen'l Ckg	
Bill	01/01/2019			ACWA Dues for July-December 2019	1433 · Prepaid Membership Dues	10,592.50
				ACWA Dues for January-June 2019	6111 · Membership Dues	10,592.50
TOTAL						21,185.00
Bill Pmt -Check	10/23/2018	21112	WILDERMUTH ENVIRONMENTAL INC		1012 · Bank of America Gen'l Ckg	
Bill	09/30/2018	2018285		2018285	6906.31 · OBMP-Pool, Adv. Board Mtgs	9,602.97
Bill	09/30/2018	2018286		2018286	6906.32 · OBMP-Other General Meetings	2,141.50
Bill	09/30/2018	2018287		2018287	6906.71 · OBMP-Data Req.-CBWM Staff	4,254.60
Bill	09/30/2018	2018288		2018288	6906.72 · OBMP-Data Req.-Non CBWM Staff	1,484.00
Bill	09/30/2018	2018289		2018289	6906.22 · Water Rights Compliance Rprting	3,819.00
Bill	09/30/2018	2018290		2018290	6906 · OBMP Engineering Services	1,191.50
Bill	09/30/2018	2018291		2018291	6906.9 · OBMP-2018 RMPU Master Update	2,916.43
Bill	09/30/2018	2018292		2018292	6906.26 · 2019 OBMP Update	5,754.63
Bill	09/30/2018	2018293		2018293	6906.73 · OBMP-Safe Yield Recalculation	16,166.00
Bill	09/30/2018	2018294		2018294	6906.15 · Integrated Model Mtgs-IEUA Cost	7,114.00
Bill	09/30/2018	2018295		2018295	6906.81 · Prepare Annual Reports	1,757.50
Bill	09/30/2018	2018296		2018296	6906.21 · State of the Basin Report	3,467.60
Bill	09/30/2018	2018297		2018297	7103.3 · Grdwtr Qual-Engineering	27,250.57
Bill	09/30/2018	2018298		2018298	7104.3 · Grdwtr Level-Engineering	23,165.63
Bill	09/30/2018	2018299		2018299	7107.2 · Grd Level-Engineering	2,691.50
Bill	09/30/2018	2018300		2018300	7402 · PE4-Engineering	17,058.89
Bill	09/30/2018	2018301		2018301	7402.10 · PE4 - Northwest MZ1 Area Proj.	19,923.44
Bill	09/30/2018	2018302		2018302	7108.31 · Hydraulic Control - PBHSP	920.60
Bill	09/30/2018	2018303		2018303	7202.2 · Engineering Svc	8,853.80
Bill	09/30/2018	2018304		2018304	7502 · PE6&7-Engineering	15,950.20
Bill	09/30/2018	2018284		2018284	7510 · PE6&7-IEUA Salinity Mgmt. Plan	3,750.60
Bill	09/30/2018	2018305		2018305	7602 · PE8&9-Engineering	25,633.81
TOTAL						204,868.77
Bill Pmt -Check	10/25/2018	ACH 102518	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
Bill	10/01/2018	15444013		Annual Unfunded Accrued Liability Plan 3299	60180 · Employers PERS Expense	5,456.55
TOTAL						5,456.55

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CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
October 2018

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/25/2018	ACH 102518	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 - Bank of America Gen'l Ckg	
General Journal	10/20/2018	10/20/2018	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 10/07/18-10/20/18	2000 - Accounts Payable	7,373.28
TOTAL						<u>7,373.28</u>
					Total Disbursements:	<u><u>1,101,200.75</u></u>

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CHINO BASIN WATERMASTER

I. CONSENT CALENDAR (App and Ag Pool)

C. APPLICATION FOR RECHARGE

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

C. APPLICATION FOR RECHARGE



CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: November 8, 2018 (Appropriative and Non-Agricultural Pools)
November 13, 2018 (Agricultural Pool)

TO: Pool Committee Members

SUBJECT: Fontana Water Company Application for Recharge (Consent Calendar Item I.C.)

SUMMARY

Issue: On October 23, 2018, Fontana Water Company submitted an Application for Recharge for up to 100 acre-feet to be recharged to a pilot project located at a vineyard south of Beech Avenue and east of Cherry Avenue in the City of Fontana.

Recommendation: Recommend Advisory Committee to recommend to the Watermaster Board to approve Fontana Water Company's Application for Recharge and direct Watermaster staff to account for this supplemental water recharged in Fontana Water Company's existing Local Supplemental Storage account.

Financial Impact: None

Future Consideration

Appropriative Pool – November 8, 2018: Advice and assistance
Non-Agricultural Pool – November 8, 2018: Advice and assistance
Agricultural Pool – November 13, 2018: Advice and assistance
Advisory Committee – January 17, 2019: Advice and assistance
Watermaster Board – January 24, 2019: Approval [Within WM Duties and Powers]

ACTIONS:

Appropriative Pool – November 8, 2018:
Non-Agricultural Pool – November 8, 2018:
Agricultural Pool – November 13, 2018:
Advisory Committee – January 17, 2019:
Watermaster Board – January 24, 2019:

Watermaster's function is to administer and enforce provisions of the Judgment and subsequent orders of the Court, and to develop and implement an Optimum Basin Management Program

BACKGROUND

The Court approved the Peace Agreement, the OBMP 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 (MPI), Watermaster must approve the application. Where the request for Watermaster approval is submitted by a Party to the Judgment, there is a rebuttable presumption that most of the proposed activities do not result in MPI to a Party to the Judgment or the Basin (Storage and Recovery Programs do not have this presumption).

DISCUSSION

On October 23, 2018, Fontana Water Company (FWC) submitted an Application for Recharge for up to 100 acre-feet. The Application states that the method of recharge is surface spreading into a vineyard located along the south side of Beech Avenue and east of Cherry Avenue in the City of Fontana (Attachment 1). The Application identifies the source of water to be treated Lytle Creek Surface Water. Attached to the Application is a Certificate of Analysis for the water quality (Attachment 2). This recharge event is part of a pilot test to explore the feasibility of supplemental recharge taking place in an agricultural setting.

The pilot test will take place at a property owned by the Intex Corporation, currently being utilized to dry farm grapes used for wine production. The land owner has indicated support for this pilot project. The Inland Empire Utilities Agency has drafted preliminary earthwork plans to the property to enhance water capture. The concept for the pilot test was presented at the Recharge Investigation and Projects Committee on October 18, 2018 and received support to move forward. At the suggestion of a committee member, staff reached out to UC Riverside and Cal Poly Pomona to see if there were any academic interests that may align with the project. At this time, neither institution has expressed interest in the project.

FWC intends to recharge the water into the pilot test area to offset over-production during fiscal years 2018/19 and 2019/20. The amount recharged will be subject to evaporative losses. The net recharged amount, consistent with that of other Parties that have submitted Applications for Recharge and have Local Storage Agreements, will be placed in its Local Supplemental Storage account and will be tracked by Watermaster Staff. Per the Peace II Agreement, storage losses will be applied to all water placed into a Local Supplemental Storage Account in a manner consistent with all other water held in storage. The total volume held in local storage accounts is pending a future determination, and the recommendation as written is intended to be consistent with prior recharge and storage application recommendations.

Should the water not be used in the fiscal year for over-production, the water will be placed into storage. An Application to Recapture Water in Storage will need to be submitted, prior to recapture. If the method and location of recapture from storage is to exchange with other groundwater producers in the Basin, when such an exchange is proposed, Fontana Water Company and the other Party will need to submit appropriate water transfer forms, which include the recapture plan.

Wildermuth Environmental, Inc. (WEI) performed a MPI analysis of the Application for Recharge. WEI prepared a letter, dated October 30, 2018, which states that there will be no MPI due to FWC's proposed recharge as described in the October 23, 2018 recharge application (Attachment 3).

There is no financial impact to Watermaster associated with the approval of FWC's Recharge Application.

ATTACHMENTS

1. Fontana Water Company Recharge Application
2. Weck Laboratories, Inc Certificate of Analysis, Title 22 Monitoring Report
3. October 30, 2018 letter from WEI to Watermaster: "Analysis of Material Physical Injury for the Fontana Water Company (FWC) Recharge Application, as submitted to the Chino Basin Watermaster on October 23, 2018"

Form 2a - Application for Supplemental Water Recharge

Applicant Information and Recharge Request			
Person	Fontana Water Company (FWC)	Date Requested	10/23/2018
Contact (individual)	Cris Fealy	Date Approved	
Street Address	15966 Arrow Route	Proposed Period of Time Covered by Recharge Application (mm/yyyy to mm/yyyy)	01/2019 to 09/2019
City	Fontana Water Comapny		
State	CA		
Zip Code	92335	Requested Total Amount of Recharge Over the Application Period (AF)	up to 100
Telephone	909-822-2201	Approved Total Amount of Recharge Over the Application Period (AF)	
Fax	909-823-5046		
Email	cifealy@fontanawater.com		

Source(s) of Supply (check box and provide supporting information)	
<input type="checkbox"/>	State Water Project
<input type="checkbox"/>	Colorado River Aqueduct
<input checked="" type="checkbox"/>	Local Supplemental (identify source and attach source water quality characterization including TDS and TN; use as many sheets as necessary) Treated Lytle Creek Water from Sandhill Treatment Plant (F14)
<input type="checkbox"/>	Recycled Water (identify source and attach source water quality characterization including TDS and TN; use as many sheets as necessary)
<input type="checkbox"/>	Other (identify source and attach source water quality characterization including TDS and TN; use as many sheets as necessary)

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

Form 2a - Application for Supplemental Water Recharge

Material Physical Injury

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

YES NO

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

.....

.....

.....

.....

.....

.....

BY:

Applicant

10/23/2018

Date

To Be Completed by Watermaster

Is the Person a Party to the Judgment that has:

Previously contributed to the implementation of the OBMP? YES NO

Is in compliance with their continuing covenants under the Peace Agreement? YES NO

(If answer to previous question is NO)

Paid or delivered to Watermaster "financial equivalent" consideration to offset the past performance prior to the OBMP implementation? YES NO

Promised continued future compliance with Watermaster Rules and Regulations? YES NO

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

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

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

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

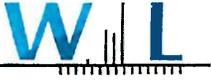
Date of Approval by Advisory Committee (mm/dd/yyyy)

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

Recharge Agreement Number

Certificate of Analysis

FINAL REPORT



WECK LABORATORIES, INC.

Work Orders: 8A19068

Report Date: 2/12/2018

Received Date: 1/19/2018

Project: Title 22 Monitoring

Turnaround Time: Normal

Phones: (909) 201-7331

Fax: (626) 582-1571

Attn: John Catone

P.O. #:

Client: San Gabriel Valley Water Company - Fontana
P. O. Box 6010
El Monte, CA 91734

Billing Code:

Dear John Catone :

Enclosed are the results of analyses for samples received 1/19/2018 with the Chain-of-Custody document. The samples were received in good condition, at 2.5 °C and on ice. All analysis met the method criteria except as noted in the case narrative or in the report with data qualifiers.

Sample Results

Sample: 3003 - Sandhill - Treated, RegID: 3610041-076

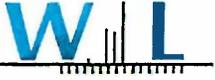
Sampled: 01/19/18 8:00 by Eric Tarango

8A19068-01 (Water)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Method: _Various	Batch ID: [CALC]	Instr: [CALC]	Prepared: 01/24/18 08:00			Analyst: dil	
Total Anions	4		0.070	meq/l	1	01/20/18 17:59	
Total Cations	3.9		0.038	meq/l	1	01/24/18 16:24	
Total hardness as CaCO ₃	124		0.662	mg/l	1	01/24/18 16:24	
Method: AWWA	Batch ID: W8A1506	Instr: Inst	Prepared: 01/25/18 10:38			Analyst: jck	
Aggressive Index	12.1		N/A		1	01/25/18 10:42	
Method: EPA 140.1	Batch ID: W8A1222	Instr: WB05	Prepared: 01/19/18 17:22			Analyst: mnq	
Threshold Odor Number	1.0		1.0	T.O.N.	1	01/19/18 18:03	
Method: EPA 1613B	Batch ID: W8A1648	Instr: GCMS15	Prepared: 01/29/18 09:04			Analyst: EFC	
2,3,7,8-TCDD (Dioxin)	ND		5.00	pg/l	1	02/06/18 22:04	
Method: EPA 180.1	Batch ID: W8A1206	Instr: TURB01	Prepared: 01/19/18 15:33			Analyst: stg	
Turbidity	ND		0.10	NTU	1	01/19/18 16:03	
Method: EPA 200.7	Batch ID: W8A1277	Instr: ICP03	Prepared: 01/24/18 08:00			Analyst: JCK	
Boron, Total	69		10	ug/l	1	01/24/18 16:24	
Calcium, Total	34.2		0.100	mg/l	1	01/24/18 16:24	
Iron, Total	ND		10	ug/l	1	01/24/18 16:24	
Magnesium, Total	9.35		0.100	mg/l	1	01/24/18 16:24	
Potassium, Total	2.6		0.10	mg/l	1	01/24/18 16:24	
Sodium, Total	31		0.50	mg/l	1	01/24/18 16:24	
Method: EPA 200.8	Batch ID: W8A1731	Instr: ICPMS05	Prepared: 01/30/18 10:07			Analyst: jea	
Aluminum, Total	80		5.0	ug/l	1	01/31/18 12:51	
Antimony, Total	ND		0.50	ug/l	1	01/31/18 12:51	

8A19068

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Certificate of Analysis

FINAL REPORT

WECK LABORATORIES, INC.

Sample Results

(Continued)

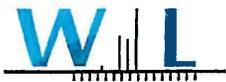
Sample: 3003 - Sandhill - Treated, RegID: 3610041-076
8A19068-01 (Water)

Sampled: 01/19/18 8:00 by Eric Tarango
(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 200.8 (Continued)	Batch ID: W8A1731	Instr: ICPMS05	Prepared: 01/30/18 10:07	Analyst: jea			
Arsenic, Total	0.49		0.40	ug/l	1	01/31/18 17:18	
Barium, Total	27		0.50	ug/l	1	01/31/18 12:51	
Beryllium, Total	ND		0.10	ug/l	1	01/31/18 12:51	
Cadmium, Total	ND		0.10	ug/l	1	01/31/18 12:51	
Chromium, Total	ND		0.20	ug/l	1	01/31/18 17:18	
Copper, Total	0.99		0.50	ug/l	1	01/31/18 12:51	
Lead, Total	ND		0.20	ug/l	1	01/31/18 12:51	
Manganese, Total	0.32		0.20	ug/l	1	01/31/18 12:51	
Nickel, Total	1.2		0.80	ug/l	1	01/31/18 12:51	
Selenium, Total	ND		0.40	ug/l	1	01/31/18 17:18	
Silver, Total	ND		0.20	ug/l	1	01/31/18 12:51	
Thallium, Total	ND		0.20	ug/l	1	01/31/18 12:51	
Zinc, Total	ND		5.0	ug/l	1	01/31/18 12:51	
Method: EPA 218.6	Batch ID: W8A1208	Instr: LC13	Prepared: 01/19/18 15:55	Analyst: dil			
Chromium 6+	0.40		0.020	ug/l	1	01/19/18 19:27	
Method: EPA 245.1	Batch ID: W8A1334	Instr: HG03	Prepared: 01/23/18 10:32	Analyst: mtt			
Mercury, Total	ND		0.050	ug/l	1	01/26/18 13:35	
Method: EPA 300.0	Batch ID: W8A1225	Instr: LC12	Prepared: 01/20/18 08:40	Analyst: dil			
Chloride, Total	47		0.50	mg/l	1	01/20/18 17:59	
Fluoride, Total	0.16		0.10	mg/l	1	01/20/18 17:59	
Sulfate as SO4	31		0.50	mg/l	1	01/20/18 17:59	
Method: EPA 314.0	Batch ID: W8A1380	Instr: LC08_Chan	Prepared: 01/23/18 15:52	Analyst: blg			
Perchlorate	ND		2.0	ug/l	1	01/24/18 01:35	
Method: EPA 335.4	Batch ID: W8A1432	Instr: AA01	Prepared: 01/24/18 10:04	Analyst: nat			
Cyanide, Total	ND		5.0	ug/l	1	01/24/18 15:43	
Method: EPA 353.2	Batch ID: W8A1188	Instr: Inst	Prepared: 01/19/18 15:00	Analyst: ajk			
Nitrate as N	0.54		0.20	mg/l	1	01/19/18 16:57	
Nitrite as N	ND		100	ug/l	1	01/19/18 17:36	
NO2+NO3 as N	550		200	ug/l	1	01/19/18 16:57	
Method: EPA 504.1	Batch ID: W8A1348	Instr: GC03	Prepared: 01/23/18 16:30	Analyst: cam			
1,2-Dibromo-3-chloropropane	ND		0.010	ug/l	1	01/23/18 23:24	
1,2-Dibromoethane (EDB)	ND		0.020	ug/l	1	01/23/18 23:24	
Method: EPA 508	Batch ID: W8A1568	Instr: GC07	Prepared: 01/26/18 08:56	Analyst: rmr			
4,4'-DDD	ND		0.010	ug/l	1	02/01/18 01:15	
4,4'-DDE	ND		0.010	ug/l	1	02/01/18 01:15	
4,4'-DDT	ND		0.010	ug/l	1	02/01/18 01:15	
Aldrin	ND		0.010	ug/l	1	02/01/18 01:15	
alpha-BHC	ND		0.010	ug/l	1	02/01/18 01:15	
Aroclor 1016	ND		0.10	ug/l	1	02/01/18 01:15	
Aroclor 1221	ND		0.10	ug/l	1	02/01/18 01:15	

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Certificate of Analysis

FINAL REPORT

WECK LABORATORIES, INC.

Sample Results

(Continued)

Sample: 3003 - Sandhill - Treated, RegID: 3610041-076
8A19068-01 (Water)

Sampled: 01/19/18 8:00 by Eric Tarango
(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 508 (Continued)							
Batch ID: W8A1568							
Instr: GC07							
Prepared: 01/26/18 08:56							
Analyst: rmr							
Aroclor 1232	ND		0.10	ug/l	1	02/01/18 01:15	
Aroclor 1242	ND		0.10	ug/l	1	02/01/18 01:15	
Aroclor 1248	ND		0.10	ug/l	1	02/01/18 01:15	
Aroclor 1254	ND		0.10	ug/l	1	02/01/18 01:15	
Aroclor 1260	ND		0.10	ug/l	1	02/01/18 01:15	
beta-BHC	ND		0.010	ug/l	1	02/01/18 01:15	
Chlordane (tech)	ND		0.10	ug/l	1	02/01/18 01:15	
Chlorothalonil	ND		0.050	ug/l	1	02/01/18 01:15	
delta-BHC	ND		0.010	ug/l	1	02/01/18 01:15	
Dieldrin	ND		0.010	ug/l	1	02/01/18 01:15	
Endosulfan I	ND		0.010	ug/l	1	02/01/18 01:15	
Endosulfan II	ND		0.010	ug/l	1	02/01/18 01:15	
Endosulfan sulfate	ND		0.010	ug/l	1	02/01/18 01:15	
Endrin	ND		0.010	ug/l	1	02/01/18 01:15	
Endrin aldehyde	ND		0.010	ug/l	1	02/01/18 01:15	
gamma-BHC (Lindane)	ND		0.010	ug/l	1	02/01/18 01:15	
Heptachlor	ND		0.010	ug/l	1	02/01/18 01:15	
Heptachlor epoxide	ND		0.010	ug/l	1	02/01/18 01:15	
Hexachlorobenzene	ND		0.050	ug/l	1	02/01/18 01:15	
Hexachlorocyclopentadiene	ND		0.050	ug/l	1	02/01/18 01:15	
Methoxychlor	ND		0.010	ug/l	1	02/01/18 01:15	
PCBs, Total	ND		0.50	ug/l	1	02/01/18 01:15	
Propachlor	ND		0.050	ug/l	1	02/01/18 01:15	
Toxaphene	ND		1.0	ug/l	1	02/01/18 01:15	
Trifluralin	ND		0.010	ug/l	1	02/01/18 01:15	
<i>Surrogate:</i>							
Decachlorobiphenyl	96%		70-130	Conc: 0.0963		02/01/18 01:15	
Tetrachloro-meta-xylene	93%		70-130	Conc: 0.0926		02/01/18 01:15	

Method: EPA 515.3							
Batch ID: W8A1493							
Instr: GC08							
Prepared: 01/25/18 08:39							
Analyst: rmr							
2,4,5-T	ND		0.20	ug/l	1	02/01/18 05:41	
2,4,5-TP (Silvex)	ND		0.20	ug/l	1	02/01/18 05:41	
2,4-D	ND		0.40	ug/l	1	02/01/18 05:41	
2,4-DB	ND		2.0	ug/l	1	02/01/18 05:41	
3,5-Dichlorobenzoic acid	ND		1.0	ug/l	1	02/01/18 05:41	
Acifluorfen	ND		0.40	ug/l	1	02/01/18 05:41	
Bentazon	ND		2.0	ug/l	1	02/01/18 05:41	
Dalapon	ND		0.40	ug/l	1	02/01/18 05:41	
DCPA	ND		0.10	ug/l	1	02/01/18 05:41	
Dicamba	ND		0.60	ug/l	1	02/01/18 05:41	
Dichloroprop	ND		0.30	ug/l	1	02/01/18 05:41	



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Sample Results

(Continued)

Sample: 3003 - Sandhill - Treated, RegID: 3610041-076
8A19068-01 (Water)

Sampled: 01/19/18 8:00 by Eric Tarango
(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier	
Method: EPA 515.3 (Continued)		Batch ID: W8A1493		Instr: GC08		Prepared: 01/25/18 08:39		Analyst: rmr
Dinoseb	ND		0.40	ug/l	1	02/01/18 05:41		
Pentachlorophenol	ND		0.20	ug/l	1	02/01/18 05:41		
Picloram	ND		0.60	ug/l	1	02/01/18 05:41		
<i>Surrogate(s)</i>								
2,4-DCAA	101%		70-130	Conc: 10.1		02/01/18 05:41		
Method: EPA 524.2		Batch ID: W8A1435		Instr: GCMS08		Prepared: 01/24/18 10:32		Analyst: rdt
1,1,1,2-Tetrachloroethane	ND	0.10	0.50	ug/l	1	01/25/18 17:30		
1,1,1-Trichloroethane	ND	0.11	0.50	ug/l	1	01/25/18 17:30		
1,1,2,2-Tetrachloroethane	ND	0.20	0.50	ug/l	1	01/25/18 17:30		
1,1,2-Trichloroethane	ND	0.19	0.50	ug/l	1	01/25/18 17:30		
1,1-Dichloroethane	ND	0.12	0.50	ug/l	1	01/25/18 17:30		
1,1-Dichloroethene	ND	0.16	0.50	ug/l	1	01/25/18 17:30		
1,1-Dichloropropene	ND	0.14	0.50	ug/l	1	01/25/18 17:30		
1,2,3-Trichlorobenzene	ND	0.19	0.50	ug/l	1	01/25/18 17:30		
1,2,4-Trichlorobenzene	ND	0.17	0.50	ug/l	1	01/25/18 17:30		
1,2,4-Trimethylbenzene	ND	0.20	0.50	ug/l	1	01/25/18 17:30		
1,2-Dichloroethane	ND	0.12	0.50	ug/l	1	01/25/18 17:30		
1,2-Dichloropropane	ND	0.13	0.50	ug/l	1	01/25/18 17:30		
1,3,5-Trimethylbenzene	ND	0.17	0.50	ug/l	1	01/25/18 17:30		
1,3-Dichloropropane	ND	0.11	0.50	ug/l	1	01/25/18 17:30		
1,3-Dichloropropene, Total	ND	0.15	0.50	ug/l	1	01/25/18 17:30		
2,2-Dichloropropane	ND	0.17	0.50	ug/l	1	01/25/18 17:30		
2-Butanone	ND	0.72	5.0	ug/l	1	01/25/18 17:30		
2-Chloroethyl vinyl ether	ND	0.61	1.0	ug/l	1	01/25/18 17:30		
2-Chlorotoluene	ND	0.15	0.50	ug/l	1	01/25/18 17:30		
2-Hexanone	ND	1.2	5.0	ug/l	1	01/25/18 17:30		
4-Chlorotoluene	ND	0.15	0.50	ug/l	1	01/25/18 17:30		
4-Methyl-2-pentanone	ND	0.56	5.0	ug/l	1	01/25/18 17:30		
Benzene	ND	0.15	0.50	ug/l	1	01/25/18 17:30		
Bromobenzene	ND	0.15	0.50	ug/l	1	01/25/18 17:30		
Bromochloromethane	ND	0.15	0.50	ug/l	1	01/25/18 17:30		
Bromodichloromethane	8.4	0.090	0.50	ug/l	1	01/25/18 17:30		
Bromoform	2.0	0.19	0.50	ug/l	1	01/25/18 17:30		
Bromomethane	ND	0.49	0.50	ug/l	1	01/25/18 17:30		
Carbon tetrachloride	ND	0.12	0.50	ug/l	1	01/25/18 17:30		
Chlorobenzene	ND	0.15	0.50	ug/l	1	01/25/18 17:30		
Chloroethane	ND	0.17	0.50	ug/l	1	01/25/18 17:30		
Chloroform	9.6	0.12	0.50	ug/l	1	01/25/18 17:30		
Chloromethane	ND	0.11	0.50	ug/l	1	01/25/18 17:30		
cis-1,2-Dichloroethene	ND	0.11	0.50	ug/l	1	01/25/18 17:30		



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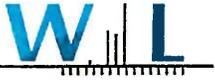
Sample Results

(Continued)

Sample: 3003 - Sandhill - Treated, RegID: 3610041-076
8A19068-01 (Water)

Sampled: 01/19/18 8:00 by Eric Tarango
(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 524.2 (Continued)	Batch ID: W8A1435	Instr: GCMS08	Prepared: 01/24/18 10:32	Analyst: rdt			
cis-1,3-Dichloropropene	ND	0.11	0.50	ug/l	1	01/25/18 17:30	
Dibromochloromethane	5.9	0.20	0.50	ug/l	1	01/25/18 17:30	
Dibromomethane	ND	0.20	0.50	ug/l	1	01/25/18 17:30	
Dichlorodifluoromethane (Freon 12)	ND	0.12	0.50	ug/l	1	01/25/18 17:30	
Di-isopropyl ether	ND	0.80	2.0	ug/l	1	01/25/18 17:30	
Ethyl tert-butyl ether	ND	0.40	2.0	ug/l	1	01/25/18 17:30	
Ethylbenzene	ND	0.21	0.50	ug/l	1	01/25/18 17:30	
Freon 113	ND	0.27	5.0	ug/l	1	01/25/18 17:30	
Hexachlorobutadiene	ND	0.40	0.50	ug/l	1	01/25/18 17:30	
Isopropylbenzene	ND	0.18	0.50	ug/l	1	01/25/18 17:30	
m,p-Xylene	ND	0.33	0.50	ug/l	1	01/25/18 17:30	
m-Dichlorobenzene	ND	0.14	0.50	ug/l	1	01/25/18 17:30	
Methyl tert-butyl ether (MTBE)	ND	0.19	2.0	ug/l	1	01/25/18 17:30	
Methylene chloride	ND	0.14	0.50	ug/l	1	01/25/18 17:30	
Naphthalene	ND	0.42	0.50	ug/l	1	01/25/18 17:30	
n-Butylbenzene	ND	0.29	0.50	ug/l	1	01/25/18 17:30	
n-Propylbenzene	ND	0.18	0.50	ug/l	1	01/25/18 17:30	
o-Dichlorobenzene	ND	0.19	0.50	ug/l	1	01/25/18 17:30	
o-Xylene	ND	0.20	0.50	ug/l	1	01/25/18 17:30	
p-Dichlorobenzene	ND	0.18	0.50	ug/l	1	01/25/18 17:30	
p-Isopropyltoluene	ND	0.25	0.50	ug/l	1	01/25/18 17:30	
sec-Butylbenzene	ND	0.24	0.50	ug/l	1	01/25/18 17:30	
Styrene	ND	0.19	0.50	ug/l	1	01/25/18 17:30	
Tert-amyl methyl ether	ND	0.59	2.0	ug/l	1	01/25/18 17:30	
tert-Butylbenzene	ND	0.18	0.50	ug/l	1	01/25/18 17:30	
Tetrachloroethene	ND	0.18	0.50	ug/l	1	01/25/18 17:30	
THMs, Total	26	0.60	2.0	ug/l	1	01/25/18 17:30	
Toluene	ND	0.14	0.50	ug/l	1	01/25/18 17:30	
trans-1,2-Dichloroethene	ND	0.11	0.50	ug/l	1	01/25/18 17:30	
trans-1,3-Dichloropropene	ND	0.15	0.50	ug/l	1	01/25/18 17:30	
Trichloroethene	ND	0.18	0.50	ug/l	1	01/25/18 17:30	
Trichlorofluoromethane	ND	0.18	0.50	ug/l	1	01/25/18 17:30	
Vinyl chloride	ND	0.18	0.50	ug/l	1	01/25/18 17:30	
Xylenes, Total	ND	0.33	1.0	ug/l	1	01/25/18 17:30	
<i>Summary</i>							
1,2-Dichlorobenzene-d4	89%		70-130	Conc: 8.89		01/25/18 17:30	
4-Bromofluorobenzene	85%		70-130	Conc: 8.52		01/25/18 17:30	
Method: EPA 525.2	Batch ID: W8A1574	Instr: GCMS16	Prepared: 01/26/18 09:30	Analyst: etn			
Alachlor	ND		0.10	ug/l	1	02/08/18 10:00	
Atrazine	ND		0.10	ug/l	1	02/08/18 10:00	



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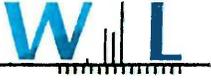
Sample Results

(Continued)

Sample: 3003 - Sandhill - Treated, RegID: 3610041-076
8A19068-01 (Water)

Sampled: 01/19/18 8:00 by Eric Tarango
(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 525.2 (Continued)	Batch ID: W8A1574	Instr: GCMS16	Prepared: 01/26/18 09:30	Analyst: etn			
Benzo (a) pyrene	ND		0.10	ug/l	1	02/08/18 10:00	
Bis(2-ethylhexyl)adipate	ND		5.0	ug/l	1	02/08/18 10:00	
Bis(2-ethylhexyl)phthalate	ND		3.0	ug/l	1	02/08/18 10:00	
Bromacil	ND		0.50	ug/l	1	02/08/18 10:00	
Butachlor	ND		0.10	ug/l	1	02/08/18 10:00	
Captan	ND		1.0	ug/l	1	02/08/18 10:00	
Chlorpropham	ND		0.10	ug/l	1	02/08/18 10:00	
Cyanazine	ND		0.10	ug/l	1	02/08/18 10:00	
Diazinon	ND		0.10	ug/l	1	02/08/18 10:00	
Dimethoate	ND		0.20	ug/l	1	02/08/18 10:00	
Diphenamid	ND		0.10	ug/l	1	02/08/18 10:00	
Disulfoton	ND		0.10	ug/l	1	02/08/18 10:00	
EPTC	ND		0.10	ug/l	1	02/08/18 10:00	
Metolachlor	ND		0.10	ug/l	1	02/08/18 10:00	
Metribuzin	ND		0.10	ug/l	1	02/08/18 10:00	
Molinate	ND		0.10	ug/l	1	02/08/18 10:00	
Prometon	ND		0.10	ug/l	1	02/08/18 10:00	
Prometryn	ND		0.10	ug/l	1	02/08/18 10:00	
Simazine	ND		0.10	ug/l	1	02/08/18 10:00	
Terbacil	ND		2.0	ug/l	1	02/08/18 10:00	
Thiobencarb	ND		0.10	ug/l	1	02/08/18 10:00	
Trithion	ND		0.10	ug/l	1	02/08/18 10:00	
<i>Surrogates</i>							
1,3-Dimethyl-2-nitrobenzene	74%		70-130	Conc: 3.71		02/08/18 10:00	
Perylene-d12	77%		50-120	Conc: 3.84		02/08/18 10:00	
Triphenyl phosphate	110%		70-130	Conc: 5.49		02/08/18 10:00	
Method: EPA 531.1	Batch ID: W8A1483	Instr: LC10	Prepared: 01/24/18 17:20	Analyst: pjs			
3-Hydroxycarbofuran	ND		2.0	ug/l	1	01/25/18 04:39	
Aldicarb	ND		2.0	ug/l	1	01/25/18 04:39	
Aldicarb sulfone	ND		2.0	ug/l	1	01/25/18 04:39	
Aldicarb sulfoxide	ND		2.0	ug/l	1	01/25/18 04:39	
Carbaryl	ND		2.0	ug/l	1	01/25/18 04:39	
Carbofuran	ND		2.0	ug/l	1	01/25/18 04:39	
Methiocarb	ND		2.0	ug/l	1	01/25/18 04:39	
Methomyl	ND		2.0	ug/l	1	01/25/18 04:39	
Oxamyl	ND		2.0	ug/l	1	01/25/18 04:39	
Propoxur (Baygon)	ND		2.0	ug/l	1	01/25/18 04:39	
Method: EPA 547	Batch ID: W8A1270	Instr: LC10	Prepared: 01/22/18 11:18	Analyst: pjs			
Glyphosate	ND		5.0	ug/l	1	01/22/18 16:56	
Method: EPA 548.1	Batch ID: W8A1242	Instr: GCMS06	Prepared: 01/22/18 15:38	Analyst: etn			



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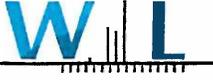
Sample Results

(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Sample: 3003 - Sandhill - Treated, RegID: 3610041-076 8A19068-01 (Water)	Sampled: 01/19/18 8:00 by Eric Tarango (Continued)						
Method: EPA 548.1 (Continued) Endothall	Batch ID: W8A1242	Instr: GCMS06	Prepared: 01/22/18 15:38	Analyst: etn			
		ND	45	ug/l	1	01/30/18 05:55	
Method: EPA 549.2 Diquat	Batch ID: W8A1243	Instr: LC11	Prepared: 01/22/18 07:40	Analyst: pjs			
		ND	4.0	ug/l	1	01/24/18 16:00	
Method: SM 2120B Color	Batch ID: W8A1223	Instr: Inst	Prepared: 01/19/18 17:24	Analyst: mnq			
		ND	3.0	Color Units	1	01/19/18 17:59	
Method: SM 2320B Alkalinity as CaCO3	Batch ID: W8A1194	Instr: AA02	Prepared: 01/19/18 12:45	Analyst: stg			
		100	2.0	mg/l	1	01/19/18 16:14	
Bicarbonate Alkalinity as HCO3		120	2.0	mg/l	1	01/19/18 16:14	
Carbonate Alkalinity as CaCO3		ND	2.0	mg/l	1	01/19/18 16:14	
Hydroxide Alkalinity as CaCO3		ND	2.0	mg/l	1	01/19/18 16:14	
Method: SM 2330B Langelier Index @ 60 C	Batch ID: W8A1607	Instr: Inst	Prepared: 01/26/18 15:11	Analyst: jck			
		0.830	-10.0	N/A	1	01/26/18 15:17	
Langelier Index @ Source Temp		0.252	-10.0	N/A	1	01/26/18 15:17	
Method: SM 2510B Specific Conductance (EC)	Batch ID: W8A1353	Instr: AA02	Prepared: 01/23/18 12:00	Analyst: stg			
		420	2.0	umhos/cm	1	01/23/18 14:00	
Method: SM 2540C Total Dissolved Solids	Batch ID: W8A1395	Instr: OVEN01	Prepared: 01/23/18 17:32	Analyst: ymt			
		240	10	mg/l	1	01/24/18 18:50	
Method: SM 4500H+-B pH	Batch ID: W8A1207	Instr: AA02	Prepared: 01/19/18 15:35	Analyst: stg			
		8.18	0.10	Units	1	01/19/18 17:09	
Method: SM 5540C MBAS	Batch ID: W8A1217	Instr: UVVIS03	Prepared: 01/19/18 16:32	Analyst: ajk			
		ND	0.050	mg/l	1	01/19/18 17:15	
Method: SM 7110C Gross Alpha	Batch ID: W8A1413	Instr: MPC 9604-	Prepared: 01/24/18 08:43	Analyst: sap			
		0.587		pCi/L	1	01/25/18 08:09	
Uncertainty: 0.105	MDA: 0.033						

Sample Results CA-ELAP #2283, Non-NELAP

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Sample: 3003 - Sandhill - Treated 8A19068-01 (Water)	Sampled: 01/19/18 8:00 by Eric Tarango					
Method: EPA 100.2 Asbestos	Batch ID: W8B0112	Prepared: 01/31/18 09:20	Analyst: _sub			
	ND	0.200	MFL	1	02/02/18	S_LAT



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WECK LABORATORIES, INC.

Notes and Definitions

Item	Definition
	The recommended holding time for this analysis is only 15 minutes. The sample was analyzed as soon as it was possible but it was received and analyzed past holding time.
MS-05	The spike recovery and/or RPD were outside acceptance limits for the MS and/or MSD due to possible matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
Q-08	High bias in the QC sample does not affect sample result since analyte was not detected or below the reporting limit.
Q-ME	Acceptable QC with marginal exceedance
S_LAT	Analysis subcontracted to LA Testing South Pasadena., non NELAP certified, but is ELAP certified (CA-ELAP Certificate 2283).
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
Dil	Dilution
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
% Rec	Percent Recovery
Source	Sample that was matrix spiked or duplicated.
MDL	Method Detection Limit
MRL	The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ) and Detection Limit for Reporting (DLR)
MDA	Minimum Detectable Activity
NR	Not Reportable
TIC	Tentatively Identified Compound (TIC) using mass spectrometry. The reported concentration is relative concentration based on the nearest internal standard. If the library search produces no matches at, or above 85%, the compound is reported as unknown.

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.
 An Absence of Total Coliform meets the drinking water standards as established by the California State Water Resources Control Board (SWRCB)
 All results are expressed on wet weight basis unless otherwise specified.
 All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS 002.

Not Certified Analyses Summary

Analyte	CAS #	Not Accredited By
AWWA in Water Aggressive Index		NELAP

Reviewed by:

Valerie Rejuso
Project Manager



DoD-ELAP #L2457 • ELAP-CA #1132 • EPA-UCMR #CA00211 • Guam-EPA #17-008R • ISO 17025 #L2457.01 • LACSD #10143 •
 NJ-DEP #CA015

This is a complete final report. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Weck Laboratories certifies that the test results meet all requirements of TNI unless noted by qualifiers or written in the Case Narrative. This analytical report must be reproduced in its entirety.



October 30, 2018

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

Subject: Analysis of Material Physical Injury for the Fontana Water Company (FWC) Recharge Application, as submitted to the Chino Basin Watermaster on October 23, 2018 (hereafter October 23, 2018 recharge application)

Dear Mr. Kavounas,

Pursuant to your direction, Wildermuth Environmental, Inc. (WEI) conducted a material physical injury (MPI) analysis of the FWC's October 23, 2018 recharge application. This MPI analysis has been done pursuant to the Watermaster Rules and Regulations and the Peace Agreement. Specifically, Article 10 of Watermaster Rules and Regulations (paragraph 10.10) requires that:

"[...] Watermaster prepare a written summary and analysis (which will include an analysis of the potential for material physical injury) of the Application and provide the Parties with a copy of the written summary and advanced notice of the date of Watermaster's scheduled consideration and possible action on any pending Applications."

Per the Peace Agreement, material physical injury is defined as:

"[...] material injury that is attributable to Recharge, Transfer, storage and recovery, management, movement or Production of water or implementation of the OBMP, including, but not limited to, degradation of water quality, liquefaction, land subsidence, increases in pump lift and adverse impacts associated with rising groundwater" (Peace Agreement, page 8).

The MPI analysis presented herein is based on our professional experience and judgment in the Chino Basin, including the collection and analysis of monitoring data, past evaluation of Chino Basin storage programs, groundwater modeling of various groundwater management alternatives in the Chino Basin, and prior MPI analyses.

FWC's October 23, 2018 Recharge Application

The FWC proposes to recharge up to 100 acre-feet (af) of Lytle Creek water at a working vineyard located south of Beech Avenue and east of Cherry Avenue, east of the San Sevaine basins (the vineyard) during the period of January 2019 through September 2019. Figure 1 shows the location of the vineyard and surrounding wells with available groundwater level or water quality data. The recharge water would be treated to potable standards and diverted into the vineyard from the FWC distribution system.

The scope of this analysis is to determine if the proposed recharge event of up to 100 af of Lytle Creek water by the FWC, as proposed in its October 23, 2018 recharge application, has the potential to cause MPI.

Groundwater Level Impacts (liquefaction, land subsidence, and increases in pump lift)

The proposed recharge event will produce a localized increase in groundwater levels in the vicinity of the vineyard where the recharge occurs, followed by a return to the groundwater levels that would occur had the water not been recharged. The current depth to groundwater beneath the vineyard is presently about 650 feet below ground surface (bgs); groundwater-level data at IEUA's San Sevaine 1-1 monitoring well, located southeast of the vineyard, suggests that there is perched groundwater near the vineyard with at a depth to groundwater of about 234 feet bgs. There will be no adverse liquefaction or land subsidence impacts from the groundwater level changes caused by the recharge and storage proposed by the FWC.

Balance of Recharge and Discharge in Every Area and Subarea

Per the application, FWC intends to use the proposed recharge water to partially offset its overproduction in MZ3. The vineyard is located in MZ2. Figures 2-2c and 3-2d from the 2018 Recharge Master Plan Update¹ (WEI, 2018) show the estimated change in groundwater levels for the period 2000 through 2017 and the projected change in groundwater levels from 2017 through 2050, respectively. Review of these maps indicate that for the period 2000 through 2050, groundwater levels are projected to decline more in the northern part of MZ2 than the northern part of MZ3. The proposed recharge will contribute to improving the balance of recharge and discharge in MZ2.

¹ http://www.cbwm.org/docs/engdocs/2018%20RMPU/20180914_2018_RMPU_final.pdf

Total Dissolved Solids and Nitrate Concentration of the Recharge Water

The Regional Water Quality Control Plan (Basin Plan) for the Santa Ana River Watershed has total dissolved solids (TDS) and nitrate (expressed as nitrogen) concentration objectives in the Chino-North Groundwater Management Zone (GMZ) of 420 milligrams per liter (mg/L) and 5 mg/L, respectively. The proposed recharge event will occur in the Chino-North GMZ. Pursuant to the Basin Plan, Watermaster and the IEUA are required to manage recharge in spreading basins in the Chino Basin such that the five-year, volume-weighted average TDS and nitrate concentration of the recycled water, imported water, supplemental native water, and new stormwater recharged across all recharge basins will not exceed the Basin Plan objectives. We reviewed historical water quality data for Lytle Creek including recent data provided by the FWC in their October 23, 2018 recharge application. This characterization indicates that the TDS and nitrate concentrations of the water proposed to be recharged are generally less than 300 mg/L and 1 mg/L, respectively. The current ambient TDS and nitrate concentrations in the Chino-North GMZ are 360 mg/L and 10.3 mg/L, respectively, and therefore the proposed recharge event will not encroach on the current assimilative capacity or interfere with Watermaster and the IEUA's regulatory obligations. In fact, the proposed recharge event will be helpful in complying with Watermaster and the IEUA's maximum benefit commitment in the Basin Plan. There will be no adverse TDS or nitrate concentration impacts caused by the proposed recharge event.

Water Quality Impacts on Other Pumpers

The water quality of the proposed recharge water is comparable to State Water Project water, and the proposed recharge event will improve the general water quality in M22 and the Basin. The proposed recharge will not change the direction and/or speed of movement of known contaminant plumes. Water quality data in the surrounding wells were reviewed to determine if there were regulated agricultural chemicals that would be associated with vineyard operations as an indicator of what contaminants (e.g., 1,2-dibromo-3-chloropropane, a fumigant known to be used in vineyards prior to the 1980s) could be stored in the vadose zone and potentially leached out during the proposed recharge activity. No contaminants were found. There will be no adverse water quality impacts caused by the proposed recharge event based on the available water quality data.

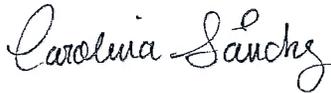
Conclusion and Recommendations

There will be no MPI due to the FWC-proposed recharge event as described in their October 23, 2018 recharge application.

Please call us if you have any questions or concerns regarding this MPI analysis.

Very truly yours,

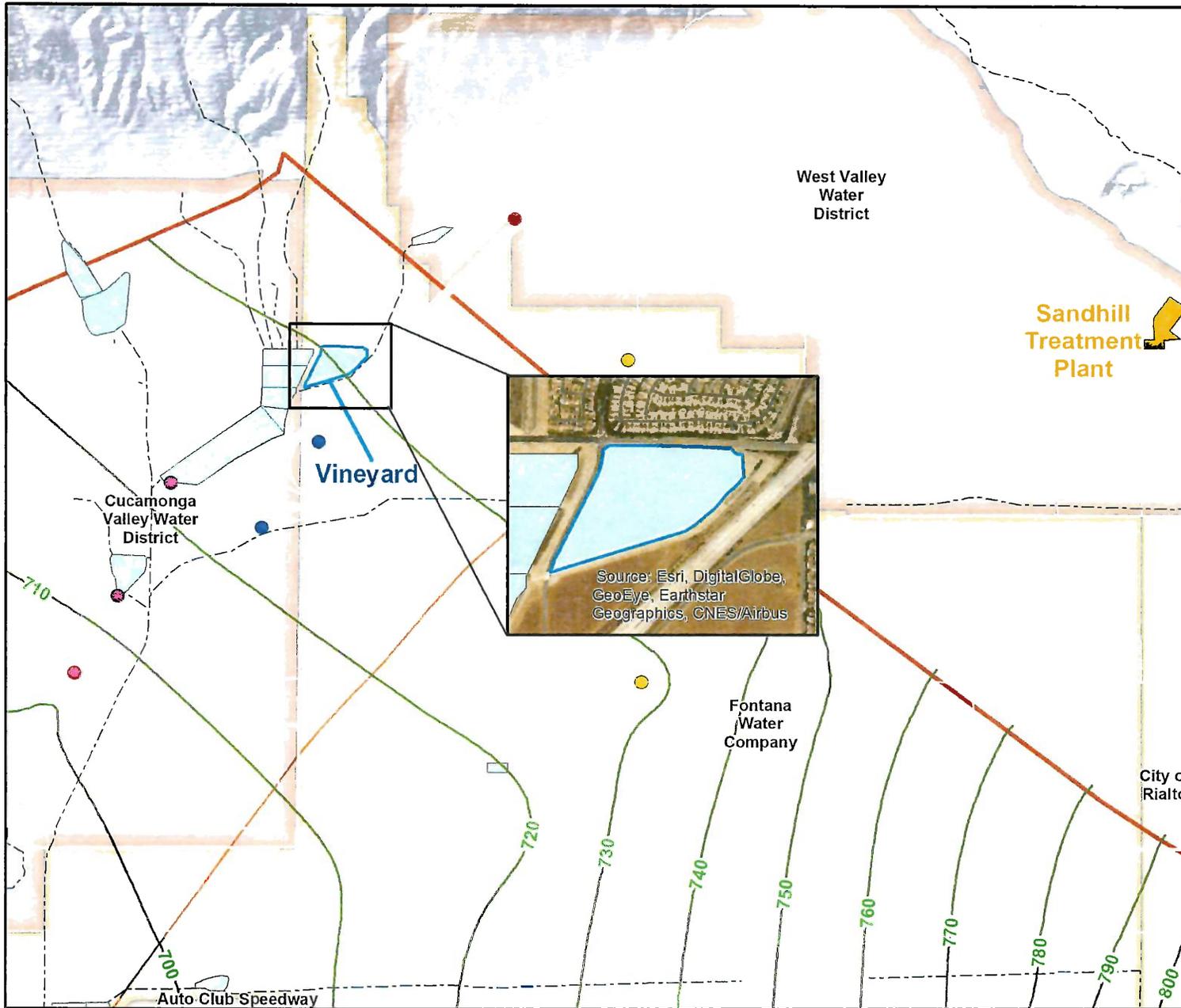
Wildermuth Environmental, Inc.



Carolina Sanchez, PE
Senior Engineer



Mark Wildermuth, PE
President, Principal Engineer



Wells with Groundwater Level and Water Quality Data Near the Proposed Recharge Location

- Fontana Water Company
- West Valley Water District
- Inland Empire Utilities Agency
- Private Well

Groundwater-Elevation Contours for July 2017

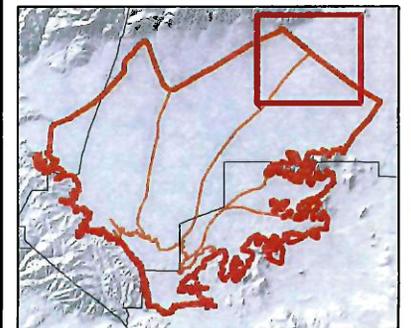
(feet above mean sea level)
 Contours represent groundwater elevations based on a model projection for July 2017.



Streams & Flood Control Channels

Flood Control & Conservation Basins

Water Service Areas

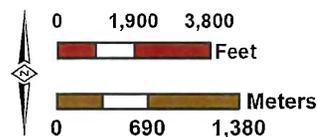


P85

Prepared by:



Author: CS
 Date: 10/29/2018
 Name: 20181030_FWC_MPI_Figure_1



MPI Analysis of Fontana Water Company's
 October 23, 2018 Recharge Application

**Proximate Area to
 Fontana Water Company's
 Proposed Recharge Project**

Figure 1

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CHINO BASIN WATERMASTER

II. BUSINESS ITEMS

A. FISCAL YEAR 2018/19 ASSESSMENT PACKAGE



CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: November 8, 2018 (Appropriative and Non-Agricultural Pools)
November 13, 2018 (Agricultural Pool)

TO: Pool Committee Members

SUBJECT: Fiscal Year 2018/19 Assessment Package (Business Item II.A.)

SUMMARY

Issue: Chino Basin Watermaster Fiscal Year 2018/19 Assessment Package, based on Production Year 2017/18.

Recommendation: Recommend Advisory Committee approval of the Fiscal Year 2018/19 Assessment Package indicating the preferred version, including no credit for Stormwater New Yield, and postponing the assessment of Desalter Replenishment Obligation.

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

Future Consideration

Appropriative Pool – November 8, 2018: Advice and assistance
Non-Agricultural Pool – November 8, 2018: Advice and assistance
Agricultural Pool – November 13, 2018: Advice and assistance
Advisory Committee – November 15, 2018: Approval
Watermaster Board – November 15, 2018: Approval [Advisory Committee Approval Required]

ACTIONS:

Appropriative Pool – November 8, 2018:
Non-Agricultural Pool – November 8, 2018:
Agricultural Pool – November 13, 2018:
Advisory Committee – November 15, 2018:
Watermaster Board – November 15, 2018:

Watermaster's function is to administer and enforce provisions of the Judgment and subsequent orders of the Court, and to develop and implement an Optimum Basin Management Program

BACKGROUND

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

The Safe Yield recalculation process is ongoing. The Court's April 28, 2017 Order has been appealed; until the issues related to the appeal are resolved, Watermaster is continuing to apply the same methodology in calculating the parties' production rights and replenishment responsibilities.

DISCUSSION

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

The Assessments generate funds to cover the current year FY 2018/19 approved budget, in addition to reserves according to existing reserve policies. Monies not expended during a fiscal year are refunded to the parties. The Assessment Package does not factor in unspent monies, those are returned to parties as a credit on the assessment invoicing. The FY 2018/19 excess cash for distribution is \$0.00; the Debt Payment excess to be refunded is \$57,732.00.

The total Operating Safe Yield (OSY) of the Appropriative Pool in this Assessment Package has been reduced due to an expiration of allowed overdraft. The Judgment allowed an overdraft of 200,000 acre-feet, which has been allocated 5,000 acre-feet per year for 40 years. Production Year 2016/17 was the last year to have an allowed overdraft of 5,000 acre-feet, which results in a decrease in the total annual OSY from 54,834 acre-feet in prior years to 49,834 acre-feet beginning with this year, allocated to each Party based on their percentage of OSY.

Considering the pending appeal from the April 28, 2017 Court Order regarding the 2015 Safe Yield Reset Agreement, which has the possibility of changing the Assessment Package calculations, there are no other changes to Safe Yield and this Assessment Package continues to be based on the same accounting methodology as prior years. This Assessment Package will be revisited, if necessary, after the appeal from the April 28, 2017 Court Order has been resolved.

Watermaster held the first Assessment Package Workshop on October 23, 2018. The purpose of this Assessment Package Workshop was to review the prior year's activities, changes to the Assessment Package from last year, and to review the current year cash requirements pursuant to the adopted FY 2018/19 budget and the resulting impact on assessments. Discussion at the workshop covered the detail of how assessments have been calculated.

Watermaster held a second Assessment Package Workshop on October 30, 2018 where questions from the first workshop, and any questions since, were addressed. The main discussion at the second workshop was whether or not rounding volumes of water other than to three decimal places is feasible and/or favorable. Because of rounding, when each Party's new assigned share of OSY is calculated, the resulting overall total for the Pool comes up short by one one-thousandth of an acre-foot. Rounding to the tenth of an acre-foot would resolve this issue, and those present at the workshop expressed no concern with the approach. As a result two versions of the Draft Assessment Package are attached for the Pools' consideration: one shows volume of water to three decimal places, the other to one decimal place. Both

versions of the Assessment Package utilize the database which calculates volumes to three decimals; the only difference is the number of decimals shown in the tables.

The Assessment Package is based on the FY 2018/19 Budget, as it was approved on May 24, 2018, and identifies total assessable production for all Pools as 109,415 acre-feet, resulting in assessments of \$18.00/acre-foot for Admin and \$54.57/acre-foot for OBMP, excluding recharge debt service, recharge improvement project expenses, "Pomona Credit" assessments, and assessments for replenishment and CURO water. For production year 2017/18, using the reduced Restated Judgment's Safe Yield, there is a replenishment obligation of 1,092 acre-feet. The new replenishment rate is \$697, which is MWD's 2018 Tier 1 Untreated rate (\$695 per acre foot) plus OCWD's \$2 connection fee. There is no IEUA surcharge for projected spreading but a Readiness to Serve (RTS) charge will be applied for Assessment Year 2018/19 over a period of ten years beginning with Assessment Year 2020/21.

An RTS charge of \$29,084.30 is being assessed for water purchased in FY 2016/17. It is the first of ten annual installments for the 5,767.037 acre-feet of water purchased during FY 2016/17. Of that, 5,539.161 acre-feet was purchased for the prior year's replenishment obligation and CURO, and 227.876 acre-feet was purchased for the Desalter Replenishment Obligation (DRO). The 85/15 Rule is applied where applicable.

The additional assessments approved as part of the budget, allocated amongst the Appropriators based on their percentage of OSY, are: Pomona Credit assessment of \$66,667.00, recharge debt payment assessment of \$580,585, and recharge improvement project assessment of \$0.

Stormwater New Yield is to be allocated to the Appropriators based on their percentages of OSY. Watermaster has completed the process for correction of prior over-allocation that was documented through Condition Subsequent 7. Due to the ongoing Safe Yield recalculation process and related questions as to the proper method for allocating Stormwater New Yield, staff recommends that 0 acre-feet be allocated during production year 2017/18. When the Safe Yield recalculation and Stormwater New Yield allocation matters are resolved, the 2017/18 allocation will be recalculated and credited, if necessary.

The projection in Desalter Induced Recharge (DIR) on page 18.1 is shown as zero for each year. In addition to the production years 2013/14, 2014/15, 2015/16, and 2016/17, desalter replenishment obligations of 27,940 ac-ft, 29,541 ac-ft, 27,009 ac-ft, and 25,991 ac-ft respectively which have not been assessed, the production year 2017/18 DRO could be as high as 27,855 ac-ft. Due to the ongoing appeal process, and because the total DRO is less than the remaining ReOp balance, staff recommends that the DRO not be assessed at this time. After the appeal from the April 28, 2017 Court Order is resolved, the DRO will be recalculated and assessed, if necessary.

In Fiscal Year 2017/18, parties were given an option to remit funds toward their share of future desalter replenishment obligation; several parties have purchased water toward that purpose and their purchases are reflected in the Assessment Package. Staff recommends that the assessment invoices which will be issued later this month for the Fiscal Year 2018/19 (Production Year 2017/18) continue to include an option for each party to pay for a portion of its share of the future obligation. Any such purchases would be accounted for by Watermaster and applied toward DRO in the future.

Hydraulic Control was achieved on February 1, 2016, changing the loss rate from 2% to 0.07%. This rate is reflected in the Assessment Package and has been applied to beginning balances of local stored water accounts.

Watermaster has entered into storage agreements for all local water accounts. In cases where the ending balance of an account has increased from the beginning balance on July 1, 2018, a new storage agreement will be required. Appropriative and Overlying (Non-Agricultural) Pool parties with increased storage balances as of the approval of the Assessment Package have already submitted storage

applications to Watermaster; these will be considered by the Advisory Committee and Board during the November meetings.

According to the Peace Agreement, paragraph 5.2(b)(iv), as amended by the Second Amendment to the Peace Agreement, Watermaster shall approve local storage agreements as long as the total quantity of Supplemental Water in local storage does not exceed 100,000 ac-ft. It should be noted that as of June 30, 2018 the total Supplemental Water held in qualifying local storage accounts is 116,854 ac-ft, which may be subject to revision in the future depending on the resolution of the pending Safe Yield reset process. In approving the Fiscal Year 2018/19 Assessment Package, the Watermaster Board will be making a finding that its approval of quantities of Supplemental Water in qualifying local storage accounts in excess of 100,000 should be considered non-precedential as to any future additions to qualifying local storage accounts above the 100,000 ac-ft threshold.

ATTACHMENTS

1. Fiscal Year 2018/19 Assessment Package (DRAFT)
Click on the link below to access:
<https://cbwm.syncedtool.com/shares/file/43721bef75868e/>
2. Fiscal Year 2018/19 Assessment Package (DRAFT – TO 1 DECIMAL POINT)
Click on the link below to access:
<https://cbwm.syncedtool.com/shares/file/9d5c929ed260f5/>

Fiscal Year 2018/19 Assessment Package (DRAFT)

(click on the link below to access):

<https://cbwm.syncedtool.com/shares/file/43721bef75868e/>

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Fiscal Year 2018/19 Assessment Package
(DRAFT – TO 1 DECIMAL POINT)
(click on the link below to access):

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CHINO BASIN WATERMASTER

II. BUSINESS ITEMS

B. RESOLUTION TO LEVY REPLENISHMENT AND ADMINISTRATIVE ASSESSMENTS FOR FISCAL YEAR 2018/19



CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: November 8, 2018 (Appropriative and Non-Agricultural Pools)
November 13, 2018 (Agricultural Pool)

TO: Pool Committee Members

SUBJECT: Resolution to Levy Replenishment and Administrative Assessments for Fiscal Year 2018/19 (Based on Production Year 2017/18) – (Business Item II.B.)

SUMMARY

Issue: A resolution is required for the Chino Basin Watermaster to levy administrative, special project, and replenishment assessments for Fiscal Year 2018/19.

Recommendation: Review Resolution 2018-05 as presented, and offer advice to Watermaster.

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

Future Consideration

Appropriative Pool – November 8, 2018: Advice and assistance

Non-Agricultural Pool – November 8, 2018: Advice and assistance

Agricultural Pool – November 13, 2018: Advice and assistance

Advisory Committee – November 15, 2018: Advice and assistance

Watermaster Board – November 15, 2018: Approval [Within WM Duties and Powers or Advisory Committee Approval Required or Normal Course of Business]

ACTIONS:

Appropriative Pool – November 8, 2018:

Non-Agricultural Pool – November 8, 2018:

Agricultural Pool – November 13, 2018:

Advisory Committee – November 15, 2018:

Watermaster Board – November 15, 2018:

Watermaster's function is to administer and enforce provisions of the Judgment and subsequent orders of the Court, and to develop and implement an Optimum Basin Management Program

BACKGROUND

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

DISCUSSION

The draft Fiscal Year 2018/19 Assessment Package is being considered for approval this month. It is based on the budget that was approved in May 2018. The Assessment Package identifies total assessable production for all Pool Committees as 109,415.299 acre-feet, resulting in assessments of \$18.00/acre-foot for General Administration and \$54.57/acre-foot for OBMP, excluding recharge debt service, recharge improvement project expenses, "Pomona Credit" assessments, and assessments for replenishment water.

For production year 2017/2018, there is a replenishment obligation of 1,092.392 acre-feet, and no Cumulative Unmet Replenishment Obligation (CURO). The new replenishment rate is \$697, which is MWD's 2018 Tier 1 Untreated Rate (\$695 per acre foot) plus OCWD's \$2 connection fee. There will no longer be a "Projected Spreading – IEUA Surcharge", instead, a Readiness To Serve (RTS) charge will be applied for Assessment Years 2016/17 and 2017/18 over a period of ten years beginning with this Assessment Year (FY 2018/19).

Recovery of the following is also included in the assessment, allocated amongst the Appropriators based on their percentage of Operating Safe Yield: Pomona Credit assessment of \$66,667.00, recharge debt payment assessment of \$580,584.99. This year, there will be no Recharge Improvement Project assessment.

If Resolution 2018-05 is approved through the Watermaster process in November 2018, the invoices will be mailed in late November and assessments will be due 30 days later.

ATTACHMENTS

1. Resolution 2018-05: A resolution of the Chino Basin Watermaster levying administrative, replenishment, and special project assessments for Fiscal Year 2018/19.

RESOLUTION 2018-05

**A RESOLUTION OF THE CHINO BASIN WATERMASTER
LEVYING ADMINISTRATIVE, REPLENISHMENT, AND SPECIAL PROJECT ASSESSMENTS
FOR FISCAL YEAR 2018-2019**

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

WHEREAS, the Watermaster Advisory Committee approved and the Watermaster Board adopted the Fiscal Year 2018-2019 Budget on May 24, 2018, to carry out the necessary Watermaster functions under the Judgment; and

WHEREAS, the parties named in this Judgment have pumped 1,092.392 acre-feet of water in excess of the operating safe yield, which is required to be replaced at the expense of the parties in accordance with the assessment formulas for the respective pools.

NOW, THEREFORE, BE IT RESOLVED that the Chino Basin Watermaster levies the respective assessments for each pool effective November 15, 2018 as shown on Exhibit "A" attached hereto.

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

THE FOREGOING RESOLUTION was

ADOPTED by the Watermaster Board on the 15th day of November 2018.

By: _____
Chair – Watermaster Board

ATTEST:

Secretary/Treasurer – Watermaster Board

Exhibit "A"
Resolution 2018-05

Summary of Assessments
Fiscal Year 2018-2019
Production Year 2017-2018

1. OVERLYING (NON-AGRICULTURAL) POOL

a.	2018-2019 Budget	\$ <u>18.00</u> Per AF - Admin.
		\$ <u>54.57</u> Per AF - OBMP
b.	Replenishment	\$ <u>697.00</u> Per AF
c.	CURO	\$ <u>(5.64)</u> Total

2. APPROPRIATIVE POOL

a.	Administration	
1.	2017-2018 Budget	\$ <u>18.00</u> Per AF - Admin.
		\$ <u>54.57</u> Per AF - OBMP
2.	Ag Pool Reallocated	
		\$ <u>9.43</u> Per AF - Admin.
		\$ <u>28.58</u> Per AF - OBMP
b.	100% Net Replenishment	\$ <u>697.00</u> Per AF
c.	15/85 Water Activity	
	15% Replenishment Assessments	\$ <u>1,161.55</u> Total
	15% Water Transaction Activity	\$ <u>815,736.51</u> Total
d.	CURO	\$ <u>5,763.85</u> Total
e.	Pomona Credit (2017-18 Assessment)	\$ <u>66,667.00</u> Total
f.	Recharge Debt Payment	\$ <u>580,584.99</u> Total
g.	Recharge Improvement Project	\$ <u>0.00</u> Total

STATE OF CALIFORNIA)
) ss
COUNTY OF SAN BERNARDINO)

I, Bob Kuhn, Secretary/Treasurer of the Chino Basin Watermaster, DO HEREBY CERTIFY that the foregoing Resolution being No. 2018-05, was adopted at a regular meeting of the Chino Basin Watermaster Board by the following vote:

AYES: 0
NOES: 0
ABSENT: 0
ABSTAIN: 0

CHINO BASIN WATERMASTER

Secretary

Date: November 15, 2018

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CHINO BASIN WATERMASTER

II. BUSINESS ITEMS (App Pool)

C. CALENDAR YEAR 2019 APPROPRIATIVE POOL VOLUME VOTE



CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: November 8, 2018
TO: Appropriative Pool Committee Members
SUBJECT: Calendar Year 2019 Appropriative Pool Committee Volume Vote (Business Item II.C.)

SUMMARY

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

Recommendation: Approve the Calendar Year 2019 Appropriative Pool Volume Vote as presented subject to Advisory Committee and Board approval of the FY 2018/19 Assessment Package at the November 15, 2018 meetings.

Financial Impact: None.

Future Consideration
Appropriative Pool – November 8, 2018: Approval

ACTIONS:
November 8, 2018 – Appropriative Pool:

Watermaster's function is to administer and enforce provisions of the Judgment and subsequent orders of the Court, and to develop and implement an Optimum Basin Management Program

BACKGROUND

Following the approval of the Assessment Package each year, Volume Vote calculations for the new calendar year are performed and Parties are allocated a voting percentage. The 2018/2019 Assessment Package is scheduled for Advisory Committee and Board approval on November 15, 2018.

Pursuant to the Appropriative Pool Pooling Plan, the total voting power on the Pool Committee is 1,000 votes. Of these, 500 votes are allocated based on each Party's percentage of Operating Safe Yield. The remaining 500 votes are allocated proportionally based on production during the preceding year.

DISCUSSION

All Water Activity Reports have now been received, and the Volume Vote has now been calculated. Once the Assessment Package is completed and approved, the Volume Vote can be approved as final, or updated as necessary. Please note that Attachment 1, the 2019 Appropriative Pool Volume Vote table, displays a column titled "Share of Safe Yield, Acre-Ft." Though those numbers are expected to change after the Safe Yield recalculation matter has been resolved in court, the percentage relative to the total of each of them is not expected to change; the Volume Vote calculation is based on the percentage of the total.

The 2019 Appropriative Pool Volume Vote allocation is attached (Attachment 1). The current year (2018) Volume Vote is also attached for reference (Attachment 2).

ATTACHMENTS

1. CY 2019 Appropriative Pool Volume Vote Table
2. Current year (2018) Appropriative Pool Volume Vote Table



Chino Basin Watermaster 2019 Appropriative Pool Volume Vote

Assessment Year 2018-2019 (Production Year 2017-2018)

	Assessable Production			Share of Safe Yield		TOTAL VOLUME VOTE	
	Acre-Ft	Percentage	Votes	Acre-Ft	Votes	Non-Minor	Minor
Arrowhead Mtn Spring Water Co	307.930	0.401%	2.003	0.000	0.000		2.003
CalMat Co. (Appropriative)	0.000	0.000%	0.000	0.000	0.000		0.000
Chino Hills, City Of	2,764.804	3.597%	17.986	1,919.107	19.255	37.241	
Chino, City Of	609.333	0.793%	3.964	3,666.287	36.785	40.749	
Cucamonga Valley Water District	6,828.810	8.885%	44.424	3,289.542	33.005	77.429	
Fontana Union Water Company	0.000	0.000%	0.000	5,809.149	58.285	58.285	
Fontana Water Company	11,392.059	14.822%	74.109	0.997	0.010	74.119	
Fontana, City Of	0.000	0.000%	0.000	0.000	0.000		0.000
Golden State Water Company	147.761	0.192%	0.961	373.755	3.750		4.711
Jurupa Community Services District	14,843.719	19.313%	96.563	1,873.260	18.795	115.358	
Marygold Mutual Water Company	944.233	1.229%	6.143	595.516	5.975		12.118
Monte Vista Irrigation Company	0.000	0.000%	0.000	614.952	6.170		6.170
Monte Vista Water District	6,334.556	8.242%	41.208	4,383.897	43.985	85.193	
NCL Co, LLC	0.000	0.000%	0.000	0.000	0.000		0.000
Niagara Bottling, LLC	1,571.285	2.044%	10.222	0.000	0.000		10.222
Nicholson Trust	0.000	0.000%	0.000	3.488	0.035		0.035
Norco, City Of	0.000	0.000%	0.000	183.389	1.840		1.840
Ontario, City Of	19,815.966	25.782%	128.910	10,336.568	103.710	232.620	
Pomona, City Of	9,285.512	12.081%	60.405	10,193.046	102.270	162.675	
San Antonio Water Company	428.370	0.557%	2.787	1,369.438	13.740		16.527
San Bernardino, County of (Shooting Park)	11.110	0.014%	0.072	0.000	0.000		0.072
Santa Ana River Water Company	52.585	0.068%	0.342	1,182.561	11.865		12.207
Upland, City Of	1,521.895	1.980%	9.900	2,592.365	26.010	35.910	
West End Consolidated Water Co	0.000	0.000%	0.000	861.132	8.640		8.640
West Valley Water District	0.000	0.000%	0.000	585.550	5.875		5.875
TOTAL	76,859.928	100.000%	500.000	49,833.999	500.000	919.580	80.420
						1,000.000	

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Chino Basin Watermaster 2018 Appropriative Pool Volume Vote

Assessment Year 2017-2018 (Production Year 2016-2017)

	Assessable Production		Votes	Share of Safe Yield		TOTAL VOLUME VOTE	
	Acre-Ft	Percentage		Acre-Ft	Votes	Non-Minor	Minor
Arrowhead Mtn Spring Water Co	367.348	0.447%	2.233	0.000	0.000		2.233
Chino Hills, City Of	2,152.027	2.616%	13.079	2,111.422	19.253	32.332	
Chino, City Of	388.940	0.473%	2.364	4,033.857	36.782	39.146	
Cucamonga Valley Water District	16,561.990	20.131%	100.657	3,619.454	33.004	133.661	
Fontana Union Water Company	0.000	0.000%	0.000	6,391.736	58.283	58.283	
Fontana Water Company	13,250.493	16.106%	80.531	1.000	0.009	80.540	
Fontana, City Of	0.000	0.000%	0.000	0.000	0.000		0.000
Golden State Water Company	850.347	1.034%	5.168	411.476	3.752		8.920
Jurupa Community Services District	11,023.217	13.399%	66.995	2,061.118	18.794	85.789	
Marygold Mutual Water Company	618.563	0.752%	3.759	655.317	5.975		9.735
Monte Vista Irrigation Company	0.000	0.000%	0.000	676.759	6.171		6.171
Monte Vista Water District	6,864.954	8.345%	41.723	4,823.954	43.987	85.709	
Niagara Bottling, LLC	1,531.557	1.862%	9.308	0.000	0.000		9.308
Nicholson Trust	0.000	0.000%	0.000	4.000	0.036		0.036
Norco, City Of	0.000	0.000%	0.000	201.545	1.838		1.838
Ontario, City Of	18,970.222	23.059%	115.294	11,373.816	103.711	219.005	
Pomona, City Of	8,066.802	9.805%	49.027	11,215.852	102.271	151.298	
San Antonio Water Company	537.746	0.654%	3.268	1,506.888	13.740		17.009
San Bernardino, County of (Shooting Park	13.037	0.016%	0.079	0.000	0.000		0.079
Santa Ana River Water Company	0.000	0.000%	0.000	1,301.374	11.866		11.866
Upland, City Of	1,071.916	1.303%	6.515	2,852.401	26.009	32.524	
West End Consolidated Water Co	0.000	0.000%	0.000	947.714	8.642		8.642
West Valley Water District	0.000	0.000%	0.000	644.317	5.875		5.875
TOTAL	82,269.159	100.000%	500.000	54,834.000	500.000	918.288	81.712

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CHINO BASIN WATERMASTER

II. BUSINESS ITEMS (Non-Ag Pool)

C. CALENDAR YEAR 2019 OVERLYING (NON-AGRICULTURAL) POOL VOLUME VOTE



CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: November 8, 2018
TO: Overlying (Non-Agricultural) Pool Committee Members
SUBJECT: Calendar Year 2019 Overlying (Non-Agricultural) Pool Volume Vote (Business Item II.C.)

SUMMARY

Issue: Following the approval the Assessment Package each year, Volume Vote calculations for the new Calendar Year are performed and Parties are allocated a voting percentage.

Recommendation: Approve the Calendar Year 2019 Overlying (Non-Agricultural) Pool Volume Vote as presented subject to Advisory Committee and Board approval of the 2018/19 Assessment Package at the November 15, 2018 meetings.

Financial Impact: None.

Future Consideration
Non-Agricultural Pool – November 8, 2018: Approval

ACTIONS:
November 8, 2018: Non-Agricultural Pool:

Watermaster's function is to administer and enforce provisions of the Judgment and subsequent orders of the Court, and to develop and implement an Optimum Basin Management Program

The Overlying (Non-Agricultural) Pool Volume Vote is updated and Parties are allocated a voting percentage following the approval of the Assessment Package each year. The 2018/2019 Assessment Package is scheduled for Advisory Committee and Board approval on November 15, 2018.

The 2019 Overlying (Non-Agricultural) Pool Volume Vote allocation is attached (Attachment 2). The current year (2018) Volume Vote is also attached for reference (Attachment 1). The total voting power on the Pool Committee is 1,484 votes. Of these, 742 votes are to be allocated based on one vote for each ten acre-feet or fraction thereof of Safe Yield. The remaining 742 votes are allocated proportionally based on production during the preceding year.

DISCUSSION

Due to recent water transfers, if each Party is given one vote for each ten acre-feet or fraction thereof of Safe Yield, the total for that portion of the Volume Vote is 743 rather than 742. The logical solution to address this is to pro-rata reduce the 743 votes down to 742 votes; this is the same methodology that has been used the last few years. Please note that this approach has a very minor effect on each Party's vote.

ATTACHMENTS

1. Current year 2018 Overlying (Non-Agricultural) Pool Volume Vote Table
2. CY 2019 Overlying (Non-Agricultural) Pool Volume Vote Table



Chino Basin Watermaster 2018 Non-Ag Pool Volume Vote

Assessment Year 2017-2018 (Production Year 2016-2017)

Share of Safe Yield as of February 23, 2017

	Assessable Production			Share of Safe Yield			TOTAL VOLUME VOTE
	Acre-Ft	Percentage	Votes	Acre-Ft	WV Realloc	Votes	
Ameron International Corp.	0.000	0.000%	0.000	55.239	0.118	5.992	5.992
Angelica Corporation	19.890	0.475%	3.521	18.789	0.040	1.997	5.518
Aqua Capital Management LP	0.000	0.000%	0.000	0.000	0.000	0.000	0.000
California Speedway Corporation	410.453	9.792%	72.659	1,000.000	2.130	100.864	173.523
California Steel Industries, Inc.	1,298.227	30.972%	229.814	1,615.137	3.440	161.782	391.596
Calmat Co.	0.000	0.000%	0.000	0.000	0.000	0.000	0.000
CCG Ontario, LLC	0.000	0.000%	0.000	0.000	0.000	0.000	0.000
General Electric Company	0.000	0.000%	0.000	0.000	0.000	0.000	0.000
Hamner Park Associates, a California Limited Partnership	412.082	9.831%	72.947	464.240	0.989	46.937	119.884
Monte Vista Water District (Non-Ag)	17.784	0.424%	3.148	50.000	0.107	5.992	9.140
NRG California South LP	211.080	5.036%	37.366	954.540	2.033	95.871	133.237
City of Ontario (Non-Ag)	1,647.489	39.305%	291.641	2,910.788	6.200	291.607	583.248
Praxair, Inc.	0.000	0.000%	0.000	1.000	0.002	0.999	0.999
Riboli Family and San Antonio Winery, Inc.	5.183	0.124%	0.918	0.000	0.000	0.000	0.918
County of San Bernardino (Non-Ag)	51.143	1.220%	9.053	133.870	0.285	13.981	23.035
Space Center Mira Loma, Inc.	93.708	2.236%	16.588	104.121	0.222	10.985	27.574
TAMCO	24.540	0.585%	4.344	42.619	0.091	4.993	9.337
West Venture Development Company	0.000	0.000%	0.000	0.000	0.000	0.000	0.000
TOTAL	4,191.579	100.000%	742.000	7,350.343	15.657	742.000	1,484.000

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Chino Basin Watermaster 2019 Non-Ag Pool Volume Vote

Assessment Year 2018-2019 (Production Year 2017-2018)

	Assessable Production			Share of Safe Yield			TOTAL VOLUME VOTE
	Acre-Ft	Percentage	Votes	Acre- Ft	WV Realloc	Votes	
Ameron International Corporation	0.000	0.000%	0.000	0.000	0.000	0.000	0.000
Aqua Capital Management LP	0.000	0.000%	0.000	0.000	0.000	0.000	0.000
California Speedway Corporation	438.212	10.702%	79.407	1,000.000	2.130	100.864	180.271
California Steel Industries, Inc.	1,265.973	30.917%	229.403	1,615.137	3.440	161.782	391.185
CalMat Co.	0.000	0.000%	0.000	0.000	0.000	0.000	0.000
CCG Ontario, LLC	0.000	0.000%	0.000	0.000	0.000	0.000	0.000
City of Ontario (Non-Ag)	1,542.018	37.658%	279.424	2,966.027	6.318	297.599	577.023
County of San Bernardino (Non-Ag)	149.897	3.661%	27.162	133.870	0.285	13.981	41.144
General Electric Company	0.000	0.000%	0.000	0.000	0.000	0.000	0.000
Hamner Park Associates, a California Limited Partnership	331.886	8.105%	60.140	464.240	0.989	46.937	107.077
Monte Vista Water District (Non-Ag)	16.085	0.393%	2.915	50.000	0.107	5.992	8.907
NRG California South LP	212.048	5.179%	38.425	954.540	2.033	95.871	134.295
Praxair, Inc.	0.000	0.000%	0.000	1.000	0.002	0.999	0.999
Riboli Family and San Antonio Winery, Inc.	6.031	0.147%	1.093	0.000	0.000	0.000	1.093
Southern Service Company	20.876	0.510%	3.783	18.789	0.040	1.997	5.780
Space Center Mira Loma, Inc.	93.708	2.288%	16.981	104.121	0.222	10.985	27.966
TAMCO	18.032	0.440%	3.268	42.619	0.091	4.993	8.261
West Venture Development Company	0.000	0.000%	0.000	0.000	0.000	0.000	0.000
TOTAL	4,094.766	100.000%	742.000	7,350.343	15.657	742.000	1,484.000

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CHINO BASIN WATERMASTER

**II. BUSINESS ITEMS (App & Non-Ag Pool)
D. WATERMASTER REAPPOINTMENT**

**II. BUSINESS ITEMS (Ag Pool)
C. WATERMASTER REAPPOINTMENT**



CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: November 8, 2018 (Appropriative and Non-Agricultural Pools)
November 13, 2018 (Agricultural Pool)

TO: Pool Committee Members

SUBJECT: Watermaster Reappointment
(Appropriative and Non-Agricultural Pools – Business Item II.D.; Agricultural Pool Business Item II.C.)

SUMMARY

Issue: Current Watermaster appointment expires February 10, 2019. To ensure there is no lapse in Watermaster appointment, a motion needs to be filed with the Court recommending the appointment of Watermaster beyond that date.

Recommendation: Recommend future Watermaster appointment to the Advisory Committee.

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

Future Consideration

Appropriative Pool - November 8, 2018: Advice and assistance
Non-Agricultural Pool - November 8, 2018: Advice and assistance
Agricultural Pool - November 13, 2018: Advice and assistance
Advisory Committee - November 15, 2018: Approval
Watermaster Board - November 15, 2018: Adopt AC recommendation [Advisory Committee Approval Required]

ACTIONS:

Appropriative Pool - November 8, 2018:
Non-Agricultural Pool - November 8, 2018:
Agricultural Pool - November 13, 2018:
Advisory Committee - November 15, 2018:
Watermaster Board - November 15, 2018:

Watermaster's function is to administer and enforce provisions of the Judgment and subsequent orders of the Court, and to develop and implement an Optimum Basin Management Program

BACKGROUND

Pursuant to the 1978 Judgment, Chino Basin Municipal Water District (CBMWD) (now Inland Empire Utilities Agency), served as the initial Watermaster. Following the interim appointment of the California Department of Water Resources as Watermaster in April 1997, on February 19, 1998, the Court appointed the Nine-Member Board as Watermaster. In its Order establishing the nine-member Board, the Court directed the Board to develop and submit an OBMP for approval on or before July 2000. (February 19, 1998 Ruling, at 4.)

Having completed the OBMP, Watermaster filed a Motion to re-appoint the Board with the Court on August 30, 2000. On September 28, 2000, the Court appointed the Board to a five-year term as Watermaster. In its September 28, 2000 Order, the Court expressly conditioned the re-appointment, requiring Watermaster to: file a report on the status of its efforts to resolve the terms and conditions applicable to the purchase of desalted water and to secure a recession of Western Municipal Water District's conditional execution of the Peace Agreement, to adopt revised Rules and Regulations subject to Court approval, to submit reports, including schedule and budget information, in accordance with the schedule set forth in the Order, and to cooperate with independent assessment and verification of the data in the reports by the Special Referee and her technical expert.

The September 28, 2000 Order further stated that "a primary concern of the Court in any future application for re-appointment ... will be the parties' continued commitment to provide for future desalters and preserve safe yield in accordance with the OBMP" and that "any future application for re-appointment ... may be conditioned on the development of a detailed plan to reach the OBMP goal of 40,000 acre-feet per year of desalting capacity" to be installed by 2020. (September 28, 2000 Order, at 7.) Finally, the Court noted certain additional factors—installation of production meters; completion of basin monitoring systems; completion of a Recharge Master Plan and installation of appropriate recharge facilities; and expansion of Desalter I and installation of Desalter II—that it would consider when the Board sought re-appointment.

On December 31, 2005, Watermaster filed a Motion to Re-appoint the Nine Member Board, stating that Watermaster had complied with all five of the express conditions for re-appointment included in the 2000 Order, and described compliance measures with each. (December 31, 2005 Motion, at 3:7-4:3.) The motion also addressed the additional factors for re-appointment from the Court's September 2000 Order, stating that Watermaster had completed, or was in the process of completing, installation of meters for active wells, detailed the monitoring programs that had been initiated during the Board's previous term, described the completion of the Recharge Master Plan Phase II Report and summarized its contents. (Id., at 6:20-27.) The December 31, 2005 Motion stated that it had been unanimously approved by all Pool Committees, the Advisory Committee, and the Board before filing, and that Watermaster knew of no opposition to the re-appointment. (Id., at 13-18.)

On January 20, 2006, the Special Referee filed her Comments and Recommendations Concerning Motion to Re-appoint the Nine-Member Board for a Further Five-Year Term, in which agreed that Watermaster had completed most, though not all of the requirements imposed by the Court for re-appointment of the nine-member board. Of particular concern to the Special Referee was that the State of the Basin Report did not include a detailed discussion of how the 40 mgd target for desalter capacity would be achieved, what the effects of desalter operation would be, or whether and how replenishment obligations would be met. (January 20, 2006 Special Referee's Comments and Recommendations, at 8.) The Special Referee suggested that if the Court decided to re-appoint the Board, it should require certain assurances from the Board at 3-, 6-, and 12-month intervals, and recommended that the Court consider the Motion to be for a re-appointment of a 2-year interval. (Id., at 12-15.)

On January 30, 2006, Watermaster filed its Comments and Opposition to Special Referee Report, joined by the City of Ontario and the Cucamonga Valley Water District. Watermaster's filing objected to the Special Referee's understatement of the actual accomplishments of Watermaster, and her focus on Watermaster's few failures to strictly comply with the Court's 2000 Order, noting consistent consensus-based implementation of OBMP initiatives, the securing of funding for the desalters, the finalization of the

Recharge Master Plan, the completion and Court approval of the Watermaster Rules and Regulations, as well as other successes. Finally, Watermaster and the joining parties stressed that their Motion had requested re-appointment for five years, and that the Court could not properly construe the motion as one for a 2-year term. (Id., at 10.)

In a February 9, 2006, Order, the Court granted Watermaster's December 2005 Motion, and re-appointed the Board for a 5-year term. The Court commended Watermaster and the parties on their "remarkable achievements" in implementing the OBMP. (February 2006 Order, at 3.) The Court required that Watermaster to continue to make progress toward future desalting up to the 40,000 acre-feet annually described in the OBMP. (Id., at 4.) The Court was also interested in how Watermaster would address issues expressly reserved to Watermaster pursuant to the Peace Agreement and Watermaster's Rules and Regulations. (Ibid.) Finally, the Court directed Watermaster, its staff, and legal counsel to ensure that future reports were timely, transparent, and responsive to the question of whether Watermaster is implementing the Peace Agreement and OBMP in a manner consistent with the Judgment and Court Orders. (Ibid.)

On December 17, 2010, Watermaster filed a Motion for Re-Appointment of the Nine-Member Board. The December 17, 2010 Motion noted that the 2006 Order re-appointing the Board had not established any further criteria for re-appointment, but had described general concerns that Watermaster was to address. Because Watermaster had addressed all of the concerns from the 2006 Order, and Watermaster knew of no objection to re-appointment, it requested that the Board be re-appointed for an additional five-year term. The Court issued an Order on January 26, 2011 re-appointing the Board. The 2011 Order did not include any conditions, and granted the 2011 Motion appointing the Board to a new five-year term expiring on February 10, 2016.

On December 15, 2015, Watermaster filed a Motion for Re-Appointment of the Nine-Member Board. The motion to re-appoint the Board for a 3-year term was approved by the Board after the Advisory Committee approved a motion to re-appoint the Watermaster nine-member Board for a three-year term on November 19, 2015. During its November 19, 2015 meeting the Watermaster Board approved a second motion as follows:

Direct Watermaster staff to initiate an evaluation of Watermaster business operations including stakeholder input, Pool interaction, the role of the Board and other areas determined by the Parties, with the intent of looking for opportunities to maximize effective implementation of the Judgment, OBMP and related Court Orders.

DISCUSSION

A recommendation regarding Watermaster re-appointment needs to be made to the Court to avoid a lapse in coverage. The Advisory Committee's decision will be presented to the Board to be filed with the Court.

In response to the Board motion described in the Background section above, the results of the requested evaluation along with some identified opportunities for improvement are included in Attachment 1.

ATTACHMENTS

1. Memorandum dated November 2, 2018 from Peter Kavounas to Watermaster Board

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Memorandum

To: Watermaster Board

From: Peter Kavounas, General Manager

Date: November 2, 2018

Subject: Response to Watermaster Board's November 19, 2015 request

This memorandum summarizes the results of the request made by the Watermaster Board during its November 19, 2015 meeting. The Board's motion was to:

Direct Watermaster staff to initiate an evaluation of Watermaster business operations including stakeholder input, Pool interaction, the role of the Board and other areas determined by the Parties, with the intent of looking for opportunities to maximize effective implementation of the Judgment, OBMP and related Court Orders.

As the Board's direction was given during the time of the previous Board reappointment, and without a specific due date, it has been assumed that the evaluation would be most helpful at the end of the current Watermaster term. Watermaster staff has evaluated the suggested areas of Stakeholder Input, Pool Interaction, and Role of the Board over the last six years and is offering the results below, along with identifying requested future opportunities.

Stakeholder Input

Evaluation Results

- [1] There is "open door" access to Board Members, the GM, Counsel, Engineer, and staff;
- [2] General Manager proactively reaches out to Pool leadership and meets on a regular basis to identify and discuss Pool-specific issues;
- [3] Multiple open meetings each month: Pools, Advisory, and Board;
- [4] Pools have opportunity to provide input on Semi-annual OBMP Implementation Status Reports and Annual Watermaster report before finalizing and filing with the Court;
- [5] Watermaster Business Plan was updated with significant input from Pools;
- [6] All comments on Watermaster reports and financial documents are routinely captured, responded to, and shared;
- [7] Watermaster reports and financial documents are prepared transparently, through open, public meetings;
- [8] User friendly and secure website allows access to Watermaster reports, Court filings, meeting agendas and minutes, among other information;

[9] Significant number (average of almost 30 per year during the last 6 years) of open meetings and workshops for: Budget; Assessment Package; GLMC; DYY; PBHSC; RIPCom; Storage Framework; RMPU; GRCC; Safe Yield Reset;

Future Opportunities to Maximize Effective Implementation of the Judgment, OBMP, and related Court Orders

Major opportunity to engage the stakeholders in the coming update of the OBMP, through an open and transparent process;

Pool Interaction

Evaluation Results

- [1] Staff and consultants attend all Pool Committee meetings and report on actions and activities;
- [2] Staff is actively ensuring that parties' representation is up-to-date, to make sure Pools can function properly;
- [3] Staff and consultants facilitate communication among Pools outside the monthly Committee meetings;
- [4] Watermaster Board, staff, and Counsel assisted the Pools when parties are supportive and in instances where the Pools share a common goal. Some examples are:
 - At the parties' request Scott Slater facilitated the 2015 Safe Yield Reset Agreement;
 - Organized AP-NAP discussions to get resolution on disagreements in 2018;
 - Prompted AP-NAP to stimulate Exhibit G rate discussion this year;

Future Opportunities to Maximize Effective Implementation of the Judgment, OBMP, and related Court Orders

Monthly meetings among Pool officers

Quarterly meetings among Pool officers and Board officers

Educational programs on topics identified collectively by the Pools

Role of the Board

Evaluation Results

The Board is and has been actively interested in effective implementation of the Restated Judgment and the OBMP:

- [1] Continuously asking for regular reports on Restated Judgment and OBMP implementation;
- [2] Holds the GM accountable for timely, transparent, and complete compliance with all requirements;
- [3] Strongly encourages consensus-based implementation of OBMP objectives;

- [4] Consistently approved transactions, applications, budgets, and Assessment Packages;
- [5] Responsive to parties' requests for information;
- [6] Supported, and directed staff to work toward increasing the environmentally reviewed storage volume from 500kaf to 600kaf;
- [7] Worked with Appropriative Pool parties in regard to disposition of unproduced water in light of limitations on stored water;
- [8] Initiating the OBMP Update effort;
- [9] Directed staff and consultants to perform Storage Framework study, and strongly supports Storage Management Plan development;
- [10] Proactively offered DRO formula to help advance and facilitate discussion among parties;
- [11] Agreed to have staff develop agreement among parties to resolve the Safe Yield Reset appeal, as requested by Advisory Committee;
- [12] Is interested in receiving regular updates on water quality concerns;
- [13] Directed staff and consultants to track issues that affect parties and basin management (e.g. SGMA);
- [14] in response to the Judge's verbal request, offered to make detailed presentation of the 40th Annual Report;

Future Opportunities to Maximize Effective Implementation of the Judgment, OBMP, and related Court Orders

Currently considering less frequent meetings at Board Member's request;
Educational programs, including facility tours;

Other Areas as determined by the parties

No other areas have been identified by parties for evaluation.

It is my pleasure to offer this report to the Board and I encourage Board Members to contact me directly in case of questions, or if further information is needed.

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CHINO BASIN WATERMASTER

II. BUSINESS ITEMS (App & Non-Ag Pool)

E. FISCAL YEAR 2017/18 ANNUAL REPORT OF THE GROUND-LEVEL MONITORING COMMITTEE

II. BUSINESS ITEMS (Ag Pool)

D. FISCAL YEAR 2017/18 ANNUAL REPORT OF THE GROUND-LEVEL MONITORING COMMITTEE



CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: November 8, 2018 (Appropriative and Non-Agricultural Pools)
November 13, 2018 (Agricultural Pool)

TO: Pool Committee Members

SUBJECT: 2017/18 Annual Report of the Ground-Level Monitoring Committee
(Appropriative and Non-Agricultural Pools - Business Item II.E.; Agricultural Pool Business
Item II.D.)

SUMMARY

Issue: Watermaster is required annually to file a Ground-Level Monitoring report with the Court. The 2017-18 Annual Report has been drafted and reviewed by the Ground-Level Monitoring Committee.

Recommendation: Recommend to the Advisory Committee to recommend to the Watermaster Board to approve the 2017/18 Annual Report of the Ground-Level Monitoring Committee, along with filing a copy with the Court.

Financial Impact: Approval of the report does not result in additional expenses. All of the recommendations in the 2017/18 Annual Report for the ongoing monitoring program are included in the approved FY 2018/19 budget.

Future Consideration

Appropriative Pool – November 8, 2018: Advice and assistance
Non-Agricultural Pool – November 8, 2018: Advice and assistance
Agricultural Pool – November 13, 2018: Advice and assistance
Advisory Committee – November 15, 2018: Advice and assistance
Watermaster Board – November 15, 2018: Approve and file with the Court [Discretionary Function]

ACTIONS:

Appropriative Pool – November 8, 2018:
Non-Agricultural Pool – November 8, 2018:
Agricultural Pool – November 13, 2018:
Advisory Committee – November 15, 2018:
Watermaster Board – November 15, 2018:

*Watermaster's function is to administer and enforce provisions of the Judgment and subsequent orders of the Court,
and to develop and implement an Optimum Basin Management Program*

BACKGROUND

In 1999, the OBMP Phase I Report identified pumping-induced drawdown and resultant aquifer-system compaction as the most likely cause of land subsidence and ground fissuring that had been observed in Management Zone 1 (MZ-1). Program Element 4 of the OBMP, "Develop and Implement a Comprehensive Groundwater Management Plan for Management Zone 1," called for the development and implementation of a long-term Subsidence Management Plan (SMP) to minimize or abate the occurrence of subsidence and ground fissuring.

From 2001 to 2005, Watermaster developed, coordinated, and conducted a comprehensive investigation under the guidance of the MZ-1 Technical Committee (now called the Ground-Level Monitoring Committee or GLMC) to understand the causes of the subsidence and fissuring in the southwestern portion of MZ-1. The investigation provided enough information for Watermaster to develop Guidance Criteria for the producers in the investigation area that, if followed, would minimize the potential for subsidence and fissuring during the completion of the SMP. The Guidance Criteria formed the basis for the SMP, which was developed by the GLMC and approved by Watermaster in October 2007. By a November 15, 2007 Order, the Watermaster Court approved the SMP and ordered its implementation. The SMP was updated in 2015 to include a recommendation to develop a subsidence management plan specific to the northwestern portion of the Chino Basin where gradual and persistent subsidence is an ongoing concern.

The SMP states that Watermaster will produce an annual report, which includes the results of ongoing monitoring efforts, interpretations of the data, recommendations for future monitoring efforts, and recommendations for adjustments to the SMP, if any. The Court's 2007 Order directed Watermaster to file the annual reports with the Court.

DISCUSSION

The final 2017/18 Annual Report of the GLMC (Attachment 1) includes results and interpretations for data that were collected during FY 2017/18, and includes recommendations for Watermaster's Ground-Level Monitoring Program for FY 2018/19.

The GLMC met on March 1, 2018 to review and discuss the recent monitoring results and to develop a scope-of-work and budget for FY 2018/19. Subsequently, an overview of the monitoring results and the proposed scope-of-work and budget for FY 2018/19 were presented to the Pool Committees in April 2018 and at Watermaster's budget workshops.

The GLMC was provided with the draft annual report on September 19, 2018 for review and comment. The GLMC met on September 27, 2018 to review and discuss the draft annual report with Watermaster Staff and Engineer. The GLMC submitted comments and suggested revisions to the annual report by October 18, 2018, and the final report was prepared with an appendix to document the comments and suggestions of the GLMC and the responses of Watermaster Staff and Engineer.

ATTACHMENTS

1. The final 2017/18 Annual Report of the Ground-Level Monitoring Committee is available for download and review on Watermaster's FTP site and also accessible at link below:
<https://cbwm.syncedtool.com/shares/file/829da6ae898619/>

Fiscal Year 2017/18 Annual Report of The Ground-Level
Monitoring Committee
(Click on link below to access):

<https://cbwm.syncedtool.com/shares/file/829da6ae898619/>

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CHINO BASIN WATERMASTER

- II. **BUSINESS ITEMS** (App & Non-Ag Pool)
 - F. SAFE YIELD RESET-RELATED AGREEMENT

- II. **BUSINESS ITEMS** (Ag Pool)
 - E. SAFE YIELD RESET-RELATED AGREEMENT

Memorandum

From: Peter Kavounas, General Manager

To: Appropriative Pool Committee

Date: November 1, 2018

Subject: Chino Basin Watermaster review and comments in response to October 28, 2018 Appropriative Pool request

By its October 28, 2018 letter, the Appropriative Pool requested that the Watermaster Board direct staff and counsel to review the substantive terms of the most current version of the "2018 Agreement to Judgment and CAMA Amendments including Exhibit A" that was conditionally approved by the Appropriative Pool at its September 13, 2018 meeting. The requested review was described by the Appropriative Pool Committee, as

confirmation from Watermaster that the agreements provide sufficient clarity for Watermaster to implement them without ambiguity. Some evaluation from Watermaster that what you have before you can be implemented, and any clarification needs to happen, then let's do it before it moves to the Court for approvals.

In response to the AP October 18, 2018 letter, the Board has directed staff and Counsel to proceed with the requested review of Exhibit A to the attached version of the 2018 Agreement to Judgment and CAMA Amendments, labeled as "Proposed Changes to Judgment and CAMA" ("Proposed Changes"). Following are Watermaster's staff and Counsel review and comments as to the clarity and ability to implement these proposed changes.

Initially, in regard to Watermaster staff and counsel's review of the Proposed Changes, we wish to clarify the following:

1. This review is limited to whether the Proposed Changes are "implementable". Our review does not include any documents not expressly referenced below.
2. This review is not an express or implied endorsement of the Proposed Changes. The Watermaster Board reserves its complete discretion in its review of the Proposed Changes and such time they may be presented to the Board for a requested action.
3. This review is provided in response to the request by the Appropriative Pool referenced above for the mutual benefit of the members of the Appropriative Pool, as well as all other Parties to the Restated Judgment, for consideration in their review of the Proposed Changes.

1. Safe Yield, A.

WM comment: the proposed Judgment Amendment is clear. It is unclear from the language by itself when this change would be effective and whether it is intended to alter the Court's adoption of sections 4.1-4.8 of the Safe Yield Reset Agreement (Orders for Watermaster's Motion Regarding 2015 Safe Yield Reset

Agreement, Amendment of Restated Judgment (“April 28, 2017 Order”), Paragraph 6, pp. 15-18). If the Proposed Changes were to incorporate sections 4.1 through 4.8 or similar provisions, or the Court’s order approving the Proposed Changes makes clear that this portion of its April 28, 2017 Order remain in effect, this Judgment Amendment can be implemented.

1. Safe Yield, B

WM comment: the proposed Judgment Amendment is clear and can be implemented.

2. Early Transfer, A and B

WM comment: the proposed Peace Agreement Amendments are clear and can be implemented.

3. Conversion Claims

WM comment: the proposed Judgment Amendment is clear and can be implemented.

4. Controlled Overdraft

WM comment: the proposed schedule amendment is clear and can be implemented.

5. New Yield

WM comment: the proposed Peace II Agreement Amendment is clear and can be implemented.

6. Desalter Replenishment, (b)(i)

WM comment: the proposed Peace II Agreement Amendment is clear and can be implemented.

6. Desalter Replenishment, (b)(ii)

WM comment: the proposed Peace II Agreement Amendment is clear and can be implemented. To avoid possible future confusion regarding the term “formula” the language could be changed

from “...total land use conversion claims. The formula is to be adjusted annually based on the actual land use conversion allocations of the year.”

to “...total land use conversion claims. ~~The formula is to be adjusted annually~~ based on the actual land use conversion allocations of the year.”

6. Desalter Replenishment, (b)(iii)

WM comment: the proposed Peace II Agreement Amendment is clear and can be implemented.

6. Desalter Replenishment, (b)(iv)

WM comment: it is unclear to Watermaster how this provision should be implemented. Proposed section 6.2(b)(iv) states that, "Pump-to-waste production that is determined by Watermaster to be subsequently recharged to the groundwater basin within the same Year is not counted in Adjusted Physical Production." When contrasted with the Excel tables that were provided as the attachments to the proposed amendments, the language is confusing as it appears the tables add recharged pump-to-waste water credits in their calculations. This ambiguity must be resolved for Watermaster to be able to implement it.

6. Desalter Replenishment, (b)(v)

WM comment: the proposed Peace II Agreement Amendment is narrower than the language proposed by the Non-Agricultural Pool in its proposed amendment to its Pooling Plan. Additionally, the Non-Agricultural Pool's proposed language would provide a procedure for effectuation of the "transfers" that is not included in the Proposed Changes. While this provision can be implemented as proposed, it is unclear whether and how the language of each of these provisions are intended to be reconciled.

6. Desalter Replenishment, (b)(vi)

WM comment: the proposed Peace II Agreement Amendment is clear and can be implemented.

7. Allocation of Non-Agricultural Pool OBMP Special Assessment

WM comment: the proposed Peace II Agreement Amendment is clear and can be implemented.

We hope the above review is helpful to the Appropriative Pool.

Attachments:

AP request; letter dated October 18, 2018

10.18.2018 Agreement to Judgment and CAMA Amendments including Exhibit A

Exhibit AP ReOp Schedule

Exhibit AP DRO Contribution calculation

Exhibit AP RDRO calculation

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Appropriative Pool

Chair: Teri Layton
Vice-Chair: Van Jew

Chino Basin Watermaster

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



October 18, 2018

Robert DiPrimio
Chairman, Board of Directors
Chino Basin Watermaster
9641 San Bernardino Road
Rancho Cucamonga, CA 91730

RE: Watermaster Judgment/CAMA Amendment Agreement Clarity and Implementation Review

Honorable Mr. DiPrimio:

Following the September 13, 2018 Appropriative Pool Committee meeting the following request was made to Watermaster:

“The Appropriative Pool further requests confirmation from Watermaster that the agreements provide sufficient clarity for Watermaster to implement them without ambiguity. Some evaluation from Watermaster that what you have before you can be implemented, and any clarification needs to happen, then let’s do it before it moves to the Court for approvals.”

Attached is the most current version of the document considered by the Appropriative Pool at its September meeting. The Appropriative Pool requests that the Watermaster Board direct staff and counsel to provide the requested review as to these document. While discussions continue regarding finalization of the document and outstanding concerns of some parties, we believe Watermaster can review the substantive terms in their present form for purposes of clarity and implementation and reserve review regarding proposed provisions that remain subject to discussion or negotiation between parties or the Pools. Review at this time is also critical in the event provisions or issues emerge with respect to clarity and implementation that may delay completion of the Safe Yield Reset process. We request that the result of Watermaster’s review be available for the November Pools and Advisory Committee meetings.

We appreciate Watermaster’s consideration of this request and look forward to working with the staff and legal counsel so we can move forward expeditiously.

Sincerely,

A handwritten signature in cursive script that reads "Teri Layton".

Teri Layton
Chair of Appropriative Pool Committee

Attachment entitled: 2018 Agreement to Judgment and CAMA Amendments, dated 9/11/18

Cc: Watermaster Board of Directors

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2018 Agreement to Judgment and CAMA Amendments

This Agreement, dated _____, 2018, regarding the Chino Basin, provides for the consensual and unopposed amendment of the Judgment and the Peace Agreement and the Peace II Agreement (Court Approved Management Agreements or CAMAs).

Each Party to this Agreement is a party to the Judgment in *Chino Basin Municipal Water District vs. City of Chino*, San Bernardino Superior Court Case No. RCVRS 510100, adjudicating the water rights in the Chino Basin.

1. **Judgment and CAMA Amendments.** The Parties agree to the Judgment and CAMA Amendments set forth in Exhibit A.
2. **Conditions Precedent.** Each Party's obligations under this Agreement are subject to the following conditions:
 - a. A final order by the trial court (i) approving the Judgment and CAMA Amendments, as written, and (ii) ordering Watermaster to implement the Judgment in accordance with the Judgment and CAMA Amendments.
 - b. Dismissal of the pending appeal from the trial court order dated April 27, 2017 (Court of Appeal Case No. E068640).
3. **Continuing Jurisdiction.** Nothing in this Agreement or the Judgment and CAMA Amendments alters the court's continuing jurisdiction, as set forth in Paragraph 15 of the Judgment.
4. **Authority.** The signatories represent that they have the authority to bind the Party on whose behalf they are signing below to the terms of this Agreement.
5. **Counterparts.** This Agreement may be executed in counterparts, each of which shall be deemed an original against the Party whose signature is provided, and all of which shall be considered an original and together constitute one agreement binding on all Parties. Facsimile and email copies are treated as original signatures and have the same binding effect.
6. **Advice of Counsel.** In executing this Agreement, the Parties have relied on the legal advice of their respective attorneys, who are their attorneys of their own choice, and the terms of this Agreement have been completely read and explained by the respective attorneys. The Parties fully understand and voluntarily accept those terms. The Parties have not relied on any representation or statement by any person about the subject matter, basis or effect of this Agreement, other than the express provisions contained in the Agreement.
7. **Non-Severability.** Each of the provisions of this Agreement, and each of the Judgment and CAMA Amendments, is integrated with and integral to the whole and is not severable from the remainder of the Agreement.

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**Proposed Signatories to the
2018 Agreement Judgment and CAMA Amendments**

Appropriative Pool:

San Antonio Water Company
Monte Vista Water District
Monte Vista Irrigation Company
Nestle Waters North America
City of Chino
City of Chino Hills
City of Fontana
City of Norco
City of Ontario
City of Pomona
City of Upland
County of San Bernardino
Cucamonga Valley Water District
Fontana Union Water Company
Fontana Water Company
Golden State Water Company
Jurupa Community Services District
Marygold Mutual Water Company
Niagara Bottling Company
Nicholson Trust
Santa Ana River Water Company
West End Consolidated Water Company
West Valley Water District

Non Agricultural Pool: signed by Pool Chair upon approval of the Pool

Agricultural Pool: signed by Pool Chair upon approval of the Pool

Municipals:

Inland Empire Utilities Agency
Western Municipal Water District
Three Valleys Municipal Water District

Other:

Chino Basin Water Conservation District

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Exhibit A

Proposed Changes to Judgment and CAMA

1. Safe Yield

A. As provided in the 2017 Order, paragraph 6 of the Judgment is amended to read as follows:

6. Safe Yield. The Safe Yield of Chino Basin is ~~140,000~~ 135,000 acre-feet per year.

B. The introductory sentence to Exhibit H, ¶10 of the Judgment is amended to read as follows:

10. Unallocated Safe Yield Water. To the extent that, in any ~~year~~ *year* ~~five-years~~, any portion of the share of Safe Yield allocated to the Overlying (Agricultural) Pool is not produced, such water shall be available for reallocation to members of the Appropriative Pool, as follows:

2. Early Transfer

A. Section 1.1(o) of the Peace Agreement is amended to read as follows:

(o) "Early Transfer" means the reallocation of Safe Yield not Produced by the Agricultural Pool to the Appropriative Pool on an annual basis *after the allocations in subdivisions (a)(1) and (a)(2) of* ~~rather than according to the five year increment described in Paragraph 10 of Exhibit "H" of the Judgment;~~

B. Section 5.3(g) of the Peace Agreement is amended to read as follows:

(g) Watermaster shall approve an "Early Transfer" of water to the Appropriative Pool ~~in an amount not less than 32,800 acre-feet per year that is the expected approximate quantity of water not Produced by the Agricultural Pool~~ *on an annual basis* ~~The quantity of water subject to Early Transfer under this paragraph shall be the greater of (i) 32,800 acre-feet of (ii) 32,800 acre-feet plus the actual quantity of water not Produced by the Agricultural Pool for that Fiscal Year that is remaining after all the land use conversions are satisfied pursuant to 5.3(h) below.~~

- (i) The Early Transfer water shall be annually allocated among the members of the Appropriative Pool in accordance with their pro-rata share of the initial Safe Yield.
- (ii) The Transfer shall not limit the Production right of the Agricultural Pool under the Judgment to Produce up to 82,800 acre-feet of water in any year or 414,000 acre-feet in any five years as provided in the Judgment.
- (iii) The combined Production of all parties to the Judgment shall not cause a Replenishment assessment on the members of the Agricultural Pool. The Agricultural Pool shall be responsible for any Replenishment obligation created by the Agricultural Pool Producing more than 414,000 acre-feet in any five-year period.
- (iv) The parties to the Judgment and Watermaster shall Produce water in accordance with the Operating Safe Yield and shall procure sufficient quantities of Replenishment Water to

satisfy over-Production requirements, whatever they may be, and avoid Material Physical Injury to any party to the Judgment or the Basin;

(v) Nothing herein shall be construed as modifying the procedures or voting rights within or by the members of the Agricultural Pool.

43. Agricultural Conversion Claims. Subparagraph (b)(3)(i) of Exhibit H, ¶ 10 of the Judgment is amended to read as follows:

Comment [TSB1]: This responds to an Ag Pool comment. This is the heading used in the Judgment.

(i) For the term of the Peace Agreement *and any extension thereof*, in any year in which sufficient unallocated Safe Yield from the Overlying (Agricultural) Pool is available for such conversion claims, Watermaster shall allocate to each appropriator with a conversion claim 2.0 acre-feet of unallocated Safe Yield water for each converted acre for which conversion has been approved and recorded by the Watermaster.

54. Controlled Overdraft. Pursuant to section 7.2(e)(ii) of the Peace II Agreement, 175,000 acre-feet of controlled overdraft (Re-Operation water) will be allocated to Desalter replenishment over a 17-year period, beginning in 2013-14 and ending in 2029-30, according to the schedule attached as Exhibit A.

65. New Yield. Section 7.1 of the Peace II Agreement, entitled "New Yield Attributable to Desalters," is deleted. It is replaced by new section 6.2(b)(ii) as set forth in section 7-6 below.

76. Desalter Replenishment. Section 6.2(b) of the Peace II Agreement is amended to read as follows:

(b) To the extent available credits are insufficient to fully offset the quantity of groundwater production attributable to the Desalters, Watermaster will use water or revenue obtained by levying the following assessments among the members of the Overlying (Non-Agricultural) Pool and the Appropriative Pool to meet any remaining replenishment obligation as follows.

(i) A Special OBMP Assessment against the Overlying (Non-Agricultural) Pool as more specifically authorized and described in amendment to Exhibit "G" paragraph ~~8(e)~~ **5(c)** to the Judgment will be dedicated by Watermaster to further off-set replenishment of the Desalters. However, to the extent there is no remaining replenishment obligation attributable to the Desalters in any year after applying the off-sets set forth in 6.2(a), the OBMP Special Assessment levied by Watermaster will be distributed as provided in section 9.2 below. The Special OBMP Assessment will be assessed pro-rata on each member's share of Safe Yield, ~~followed by~~

Comment [TSB2]: Corrects an erroneous cross-reference.

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Comment [TSB3]: Suggested by JCSD.

(ii) *The members of the Appropriative Pool will contribute a total of 10,000 afy toward Desalter replenishment, allocated among Appropriative Pool members as follows:*

(1) *85% of the total (8,500 afy) will be allocated according to the Operating Safe Yield percentage of each Appropriative Pool member; and*

(2) *~~After all unproduced Overlying (Agricultural) Pool water is allocated pursuant to Exhibit H, paragraph 10 of the Judgment, 15% of the total (1,500 afy) will be allocated~~*

according to each land use conversion agency's percentage of the total land use conversion claims ~~in a particular year~~. The formula is to be adjusted annually based on the actual land use conversion allocations of the year.

The annual desalter replenishment obligation contribution of each Appropriative Pool member will be calculated using the following formula:

*Desalter replenishment obligation contribution = (8,500 * % Appropriator's share of total initial 49,834 afy Operating Safe Yield) + (1,500 * % Appropriator's proportional share of that year's total conversion claims)*

A sample calculation of the desalter replenishment obligation contribution for each Appropriative Pool member is shown on Exhibit __ to this Peace II Agreement, as amended.

(iii) ~~(ii)~~ A Replenishment Assessment against the Appropriative Pool for any remaining Desalter replenishment obligation ~~after applying both 6(b)(i) and 6(b)(ii)~~, allocated pro-rata to each Appropriative Pool member according to the combined total of the member's share of Operating Safe Yield and the member's Adjusted Physical Production, as defined below. ~~pro-rata based on each Producer's combined total share of Operating Safe Yield and the previous year's actual production. Desalter Production is excluded from this calculation. A sample calculation of the allocation of the remaining desalter obligation is shown in Exhibit __ to this Peace II Agreement. However, if there is a material reduction in the net cost of Desalter product water to the purchasers of product water, Watermaster may re-evaluate whether to continue the exclusion of Desalter Production but only after giving due regard to the contractual commitment of the parties.~~

Comment [TSB4]: suggestion from Monte Vista Irrigation Company.

(iv) Adjusted Physical Production is the Appropriative Pool member's total combined physical production (i.e., all groundwater pumped or produced by the Appropriative Pool member's groundwater wells in the Chino Basin), with the following adjustments:

(1) In the case of assignments among Appropriative Pool members, or between Appropriative Pool members and Non-Agricultural Pool members, resulting in pumping or production by one party to the Judgment for use by another party to the Judgment, the production for purposes of Adjusted Physical Production shall be assigned to the ~~beneficiary party making beneficial use of the water~~, not the actual producer.

Comment [TSB5]: change suggested by the County of San Bernardino.

(2) Production offset credits pursuant to voluntary agreements under section 5.3(i) of the Peace Agreement are calculated at 50% of the total voluntary agreement credit in the determination of Adjusted Physical Production for an Appropriative Pool member participating in a voluntary agreement for that year. In the determination of Adjusted Physical Production, the voluntary agreement credit is subtracted from physical production. Reduction of the voluntary agreement credit from 100% to 50% is applicable only to the calculation of the Adjusted Physical Production hereunder; but

in all other applications, the voluntary agreement credit shall remain unchanged (i.e. remain at 100%).

- (3) Production associated with approved storage and recovery programs (e.g., Dry Year Yield recovery program with MWD) is not counted in Adjusted Physical Production, ~~except that for~~ in-lieu participation in such programs: in-lieu put quantities shall be added to Adjusted Physical Production, and in-lieu take quantities shall be subtracted from Adjusted Physical Production.
- (4) Pump-to-waste Production that is determined by Watermaster to be subsequently recharged to the groundwater basin within the same Year is not counted in Adjusted Physical Production.
- (5) The Appropriative Pool may approve, by unanimous vote, the inclusion of other items in the determination of Adjusted Physical Production, with the exception of Non-Agricultural Pool water produced by an Appropriative Pool member under an annual assignment.

Comment [TSB6]: Suggested by Monte Vista.

Comment [TSB7]: Suggestion by JCSD, in response to a comment by Upland.

Comment [TSB8]: Added in response to a Non-Ag-Pool comment.

(v) Any member of the Non-Agricultural Pool that is also a member of the Appropriative Pool may elect to transfer (a) some or all of the annual share of Operating Safe Yield of the transferor in and for the year in which the transfer occurs (except that such transfer shall exclude any dedication to the Watermaster required by section 6.2(b)(1)), and (b) any quantity of water held in storage by the transferor (including without limitation carryover and excess carryover) to any member of the Appropriative Pool, in either case at any price that the transferor and transferee may deem appropriate and for the purpose of satisfying the transferee's desalter replenishment obligation. The transferee's desalter replenishment obligation shall be credited by the number of acre-feet so transferred.

Comment [TSB9]: Revised to be consistent with Non-Ag-Pool amendments.

(vi) ~~(iv)~~ (iii) The quantification of any Party's share of Operating Safe Yield does not include either land use conversions or Early Transfers.

7. Allocation of Non-Agricultural Pool OBMP Special Assessment. The introductory sentence of section 9.2(a) of the Peace II Agreement is amended to read as follows:

a. For a period of ten years from the effective date of the Peace II Measures, any water (or financial equivalent) that may be contributed from the Overlying (Non-Agricultural) Pool in accordance with paragraph ~~8(e)~~ 5(c) of Exhibit G to the Judgment (as amended) will be apportioned among the members of the Appropriative Pool in each year as follows:

Comment [TSB10]: Corrects a typo.

Attachment: Peace Agreement, Section 7.2 (e)(ii)

Schedule for Use of Re-Operation Water**, and
 Calculation of Remaining Desalter Replenishment Obligation (DRO)
 Production from 2018-19 through 2029-30 is estimated

Production Year	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Peace I Desalter Production	29,227.997	29,541.300	27,008.810	26,275.588	28,589.799	30,000.000	30,000.000	30,000.000	30,000.000
Peace II Desalter Production	14.555	448.690	1,154.052	1,527.215	1,462.522	10,000.000	10,000.000	10,000.000	10,000.000
Appropriative Pool DRO Contribution	(10,000.000)	(10,000.000)	(10,000.000)	(10,000.000)	(10,000.000)	(10,000.000)	(10,000.000)	(10,000.000)	(10,000.000)
Re-Operation Water**	(12,500.000)								
Non-Agricultural Pool Assessment	0.000	0.000	0.000	(735.000)	(735.000)	(735.000)	(735.000)	(735.000)	(735.000)
Remaining DRO	6,742.552	7,489.990	5,662.862	4,567.803	6,817.321	16,765.000	16,765.000	16,765.000	16,765.000

Production Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
Peace I Desalter Production	30,000.000	30,000.000	30,000.000	30,000.000	30,000.000	30,000.000	30,000.000	30,000.000
Peace II Desalter Production	10,000.000	10,000.000	10,000.000	10,000.000	10,000.000	10,000.000	10,000.000	10,000.000
Appropriative Pool "DRO Contribution	(10,000.000)	(10,000.000)	(10,000.000)	(10,000.000)	(10,000.000)	(10,000.000)	(10,000.000)	(10,000.000)
Re-Operation Water**	(12,500.000)	(12,500.000)	(12,500.000)	(5,000.000)	(5,000.000)	(5,000.000)	(5,000.000)	(5,000.000)
Non-Agricultural Pool Assessment	(735.000)	(735.000)	(735.000)	(735.000)	(735.000)	(735.000)	(735.000)	(735.000)
Remaining DRO	16,765.000	16,765.000	16,765.000	24,265.000	24,265.000	24,265.000	24,265.000	24,265.000

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PRIVILEGED AND CONFIDENTIAL - COMPROMISE AND SETTLEMENT DOCUMENT
 Comparison of ReOp Water Schedules
 4/16/2018

NEW PROPOSAL

Production Year	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	Sum Total
Peace I Desalter Production	29,228	29,541	27,009	26,726	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
Peace II Desalter Production	15	449	1,154	1,527	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
AP "DRO Contribution"	(10,000)																	
ReOp Water	(12,500)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)											
NonAg Assessment	0	0	0	(735)	(735)	(735)	(735)	(735)	(735)	(735)	(735)	(735)	(735)	(735)	(735)	(735)	(735)	(735)
Net DRO	6,743	7,490	5,663	5,018	16,765	16,765	16,765	16,765	16,765	16,765	16,765	16,765	24,265	24,265	24,265	24,265	24,265	280,359

ORIGINAL PROPOSAL

Production Year	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	Sum Total
Peace I Desalter Production	29,228	29,541	27,009	26,726	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
Peace II Desalter Production	15	449	1,154	1,527	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
"SARUNY" - "DIR"	(10,000)																	
ReOp Water	(14,583)						(175,000)											
NonAg Assessment	0	0	0	(735)	(735)	(735)	(735)	(735)	(735)	(735)	(735)	(735)	(735)	(735)	(735)	(735)	(735)	(735)
Net DRO	4,660	5,407	3,580	2,935	14,682	14,682	14,682	14,682	14,682	14,682	14,682	14,682	29,265	29,265	29,265	29,265	29,265	280,359

CURRENT SCHEDULE

Production Year	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	Sum Total
Peace I Desalter Production	29,228	29,541	27,009	26,726	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
Peace II Desalter Production	15	449	1,154	1,527	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
"SARUNY" - "DIR"	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ReOp Water	(1,303)	(449)	(1,154)	(10,000)														
NonAg Assessment	0	0	0	(735)	(735)	(735)	(735)	(735)	(735)	(735)	(735)	(735)	(735)	(735)	(735)	(735)	(735)	(735)
Net DRO	27,940	29,541	27,009	17,518	29,265	29,265	29,265	29,265	29,265	29,265	29,265	29,265	29,265	29,265	29,265	29,265	29,265	482,453

Attachment: Peace II Agreement, Section 6.2(b)(ii)

Allocation of Appropriative Pool Desalter Replenishment Obligation (DRO) Contributions (by agency)

Production Year 2013-14 Desalter Replenishment Obligation (DRO) Contribution:

10,000.000 AF

Appropriative Pool Party	Production Year 2013/14 Common Data (Headings from Approved 2014/2015 Assessment Package)			Methodology for 85/15 split between shares of Operating Safe Yield and % of Land Use Conversions		
	a	b	c = %b	d = (DRO Contrib*.85)*a	e = (DRO Contrib*.15)*c	f = d + e
	Percent of Operating Safe Yield (Column 2A)	Land Use Conversions (Page 12A)*	Percent of Land Use Conversions	85% DRO Contribution Based on Percent of Operating Safe Yield	15% DRO Contribution Based on Percent of Land Use Conversions	Desalter Replenishment Obligation Contribution
Arrowhead Mtn Spring Water Co	0.000%	0.000	0.000%	0.000	0.000	0.000
Chino Hills, City of	3.851%	1,133.906	4.334%	327.335	65.013	392.348
Chino, City of	7.357%	7,623.064	29.138%	625.345	437.074	1,062.419
Cucamonga Valley Water District	6.601%	598.364	2.287%	561.085	34.308	595.393
Fontana Union Water Company	11.657%	0.000	0.000%	990.845	0.000	990.845
Fontana Water Company	0.002%	834.000	3.188%	0.170	47.818	47.988
Fontana, City of	0.000%	0.000	0.000%	0.000	0.000	0.000
Golden State Water Company	0.750%	0.000	0.000%	63.750	0.000	63.750
Jurupa Community Services District	3.759%	13,876.196	53.040%	319.515	795.602	1,115.117
Marygold Mutual Water Company	1.195%	0.000	0.000%	101.575	0.000	101.575
Monte Vista Irrigation Company	1.234%	0.000	0.000%	104.890	0.000	104.890
Monte Vista Water District	8.797%	55.075	0.211%	747.745	3.158	750.903
Niagara Bottling, LLC	0.000%	0.000	0.000%	0.000	0.000	0.000
Nicholson Trust	0.007%	0.000	0.000%	0.595	0.000	0.595
Norco, City of	0.368%	0.000	0.000%	31.280	0.000	31.280
Ontario, City of	20.742%	2,041.095	7.802%	1,763.070	117.028	1,880.098
Pomona, City of	20.454%	0.000	0.000%	1,738.590	0.000	1,738.590
San Antonio Water Company	2.748%	0.000	0.000%	233.580	0.000	233.580
San Bernardino, County of (Shooting Park)	0.000%	0.000	0.000%	0.000	0.000	0.000
Santa Ana River Water Company	2.373%	0.000	0.000%	201.705	0.000	201.705
Upland, City of	5.202%	0.000	0.000%	442.170	0.000	442.170
West End Consolidated Water Co	1.728%	0.000	0.000%	146.880	0.000	146.880
West Valley Water District	1.175%	0.000	0.000%	99.875	0.000	99.875
	100.000%	26,161.700	100.000%	8,500.000	1,500.000	10,000.000

Appropriative Pool Desalter Replenishment Obligation Contributions - Production Year 2014/15

Production Year 2014/15 Desalter Replenishment Obligation (DRO) Contribution:

10,000.000 AF

Appropriative Pool Party	Production Year 2014/15 Common Data (Headings from Approved 2015/2016 Assessment Package)			Methodology for 85/15 split between shares of Operating Safe Yield and % of Land Use Conversions		
	a	b	c = %b	d = (DRO Contrib*.85)*a	e = (DRO Contrib*.15)*c	f = d + e
	Percent of Operating Safe Yield (Column 2A)	Use Land Conversions (Page 12A)*	Percent of Land Conversions Use	85% DRO Contribution Based on Percent of Operating Safe Yield	15% DRO Contribution Based on Percent of Land Use Conversions	Desalter Replenishment Obligation Contribution
Arrowhead Mtn Spring Water Co	0.000%	0.000	0.000%	0.000	0.000	0.000
Chino Hills, City of	3.851%	1,222.774	4.568%	327.335	68.522	395.857
Chino, City of	7.357%	7,860.248	29.365%	625.345	440.472	1,065.817
Cucamonga Valley Water District	6.601%	598.364	2.235%	561.085	33.531	594.616
Fontana Union Water Company	11.657%	0.000	0.000%	990.845	0.000	990.845
Fontana Water Company	0.002%	834.000	3.116%	0.170	46.736	46.906
Fontana, City of	0.000%	0.000	0.000%	0.000	0.000	0.000
Golden State Water Company	0.750%	0.000	0.000%	63.750	0.000	63.750
Jurupa Community Services District	3.759%	14,060.392	52.528%	319.515	787.915	1,107.430
Marygold Mutual Water Company	1.195%	0.000	0.000%	101.575	0.000	101.575
Monte Vista Irrigation Company	1.234%	0.000	0.000%	104.890	0.000	104.890
Monte Vista Water District	8.797%	55.075	0.206%	747.745	3.086	750.831
Niagara Bottling, LLC	0.000%	0.000	0.000%	0.000	0.000	0.000
Nicholson Trust	0.007%	0.000	0.000%	0.595	0.000	0.595
Norco, City of	0.368%	0.000	0.000%	31.280	0.000	31.280
Ontario, City of	20.742%	2,136.725	7.983%	1,763.070	119.738	1,882.808
Pomona, City of	20.454%	0.000	0.000%	1,738.590	0.000	1,738.590
San Antonio Water Company	2.748%	0.000	0.000%	233.580	0.000	233.580
San Bernardino, County of (Shooting Park)	0.000%	0.000	0.000%	0.000	0.000	0.000
Santa Ana River Water Company	2.373%	0.000	0.000%	201.705	0.000	201.705
Upland, City of	5.202%	0.000	0.000%	442.170	0.000	442.170
West End Consolidated Water Co	1.728%	0.000	0.000%	146.880	0.000	146.880
West Valley Water District	1.175%	0.000	0.000%	99.875	0.000	99.875
	100.000%	26,767.578	100.000%	8,500.000	1,500.000	10,000.000

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Appropriative Pool Desalter Replenishment Obligation Contributions - Production Year 2015/16

Production Year 2015/16 Desalter Replenishment Obligation (DRO) Contribution:

10,000.000 AF

Appropriative Pool Party	Production Year 2015/16 Common Data (Headings from Approved 2016/2017 Assessment Package)			Methodology for 85/15 split between shares of Operating Safe Yield and % of Land Use Conversions		
	a	b	c = %b	d = (DRO Contrib*.85)*a	e = (DRO Contrib*.15)*c	f = d + e
	Percent of Operating Safe Yield (Column 2A)	Land Use Conversions (Page 12A)*	Percent of Land Conversions Use	85% DRO Contribution Based on Percent of Operating Safe Yield	15% DRO Contribution Based on Percent of Land Use Conversions	Desalter Replenishment Obligation Contribution
Arrowhead Mtn Spring Water Co	0.000%	0.000	0.000%	0.000	0.000	0.000
Chino Hills, City of	3.851%	1,222.774	4.455%	327.335	66.818	394.153
Chino, City of	7.357%	8,309.518	30.271%	625.345	454.069	1,079.414
Cucamonga Valley Water District	6.601%	598.364	2.180%	561.085	32.697	593.782
Fontana Union Water Company	11.657%	0.000	0.000%	990.845	0.000	990.845
Fontana Water Company	0.002%	834.000	3.038%	0.170	45.573	45.743
Fontana, City of	0.000%	0.000	0.000%	0.000	0.000	0.000
Golden State Water Company	0.750%	0.000	0.000%	63.750	0.000	63.750
Jurupa Community Services District	3.759%	14,201.712	51.736%	319.515	776.045	1,095.560
Marygold Mutual Water Company	1.195%	0.000	0.000%	101.575	0.000	101.575
Monte Vista Irrigation Company	1.234%	0.000	0.000%	104.890	0.000	104.890
Monte Vista Water District	8.797%	67.615	0.246%	747.745	3.695	751.440
Niagara Bottling, LLC	0.000%	0.000	0.000%	0.000	0.000	0.000
Nicholson Trust	0.007%	0.000	0.000%	0.595	0.000	0.595
Norco, City of	0.368%	0.000	0.000%	31.280	0.000	31.280
Ontario, City of	20.742%	2,216.205	8.074%	1,763.070	121.103	1,884.173
Pomona, City of	20.454%	0.000	0.000%	1,738.590	0.000	1,738.590
San Antonio Water Company	2.748%	0.000	0.000%	233.580	0.000	233.580
San Bernardino, County of (Shooting Park)	0.000%	0.000	0.000%	0.000	0.000	0.000
Santa Ana River Water Company	2.373%	0.000	0.000%	201.705	0.000	201.705
Upland, City of	5.202%	0.000	0.000%	442.170	0.000	442.170
West End Consolidated Water Co	1.728%	0.000	0.000%	146.880	0.000	146.880
West Valley Water District	1.175%	0.000	0.000%	99.875	0.000	99.875
	100.000%	27,450.188	100.000%	8,500.000	1,500.000	10,000.000

Appropriative Pool Desalter Replenishment Obligation Contributions - Production Year 2016/17

Production Year 2016/17 Desalter Replenishment Obligation (DRO) Contribution:

10,000.000 AF

Appropriative Pool Party	Production Year 2016/17 Common Data (Headings from Approved 2017/2018 Assessment Package)			Methodology for 85/15 split between shares of Operating Safe Yield and % of Land Use Conversions		
	a	b	c = %b	d = (DRO Contrib*.85)*a	e = (DRO Contrib*.15)*c	f = d + e
	Percent of Operating Safe Yield (Column 2A)	Use Land Conversions (Page 12A)*	Percent of Land Conversions Use	85% DRO Contribution Based on Percent of Operating Safe Yield	15% DRO Contribution Based on Percent of Land Use Conversions	Desalter Replenishment Obligation Contribution
Arrowhead Mtn Spring Water Co	0.000%	0.000	0.000%	0.000	0.000	0.000
Chino Hills, City of	3.851%	1,222.774	4.321%	327.335	64.821	392.156
Chino, City of	7.357%	8,455.798	29.884%	625.345	448.257	1,073.602
Cucamonga Valley Water District	6.601%	598.364	2.115%	561.085	31.720	592.805
Fontana Union Water Company	11.657%	0.000	0.000%	990.845	0.000	990.845
Fontana Water Company	0.002%	834.000	2.947%	0.170	44.212	44.382
Fontana, City of	0.000%	0.000	0.000%	0.000	0.000	0.000
Golden State Water Company	0.750%	0.000	0.000%	63.750	0.000	63.750
Jurupa Community Services District	3.759%	14,605.072	51.616%	319.515	774.240	1,093.755
Marygold Mutual Water Company	1.195%	0.000	0.000%	101.575	0.000	101.575
Monte Vista Irrigation Company	1.234%	0.000	0.000%	104.890	0.000	104.890
Monte Vista Water District	8.797%	67.615	0.239%	747.745	3.584	751.329
Niagara Bottling, LLC	0.000%	0.000	0.000%	0.000	0.000	0.000
Nicholson Trust	0.007%	0.000	0.000%	0.595	0.000	0.595
Norco, City of	0.368%	0.000	0.000%	31.280	0.000	31.280
Ontario, City of	20.742%	2,511.989	8.878%	1,763.070	133.165	1,896.235
Pomona, City of	20.454%	0.000	0.000%	1,738.590	0.000	1,738.590
San Antonio Water Company	2.748%	0.000	0.000%	233.580	0.000	233.580
San Bernardino, County of (Shooting Park)	0.000%	0.000	0.000%	0.000	0.000	0.000
Santa Ana River Water Company	2.373%	0.000	0.000%	201.705	0.000	201.705
Upland, City of	5.202%	0.000	0.000%	442.170	0.000	442.170
West End Consolidated Water Co	1.728%	0.000	0.000%	146.880	0.000	146.880
West Valley Water District	1.175%	0.000	0.000%	99.875	0.000	99.875
	100.000%	28,295.612	100.000%	8,500.000	1,500.000	10,000.000

Appropriative Pool Desalter Replenishment Obligation Contributions - Production Year 2013/14 - 2016/17

Appropriative Pool Party	Production Years				
	2013/14	2014/15	2015/16	2016/17	TOTAL
	Arrowhead Mtn Spring Water Co	-	-	-	-
Chino Hills, City of	392.35	395.86	394.15	392.16	1,574.514
Chino, City of	1,062.42	1,065.82	1,079.41	1,073.60	4,281.252
Cucamonga Valley Water District	595.39	594.62	593.78	592.81	2,376.596
Fontana Union Water Company	990.85	990.85	990.85	990.85	3,963.380
Fontana Water Company	47.99	46.91	45.74	44.38	185.019
Fontana, City of	-	-	-	-	0.000
Golden State Water Company	63.75	63.75	63.75	63.75	255.000
Jurupa Community Services District	1,115.12	1,107.43	1,095.56	1,093.76	4,411.862
Marygold Mutual Water Company	101.58	101.58	101.58	101.58	406.300
Monte Vista Irrigation Company	104.89	104.89	104.89	104.89	419.560
Monte Vista Water District	750.90	750.83	751.44	751.33	3,004.503
Niagara Bottling, LLC	-	-	-	-	0.000
Nicholson Trust	0.60	0.60	0.60	0.60	2.380
Norco, City of	31.28	31.28	31.28	31.28	125.120
Ontario, City of	1,880.10	1,882.81	1,884.17	1,896.23	7,543.314
Pomona, City of	1,738.59	1,738.59	1,738.59	1,738.59	6,954.360
San Antonio Water Company	233.58	233.58	233.58	233.58	934.320
San Bernardino, County of (Shooting Park)	-	-	-	-	0.000
Santa Ana River Water Company	201.71	201.71	201.71	201.71	806.820
Upland, City of	442.17	442.17	442.17	442.17	1,768.680
West End Consolidated Water Co	146.88	146.88	146.88	146.88	587.520
West Valley Water District	99.88	99.88	99.88	99.88	399.500
	10,000.00	10,000.00	10,000.00	10,000.00	40,000.000

Attachment: Peace II Agreement, Section 6.2 (b)(iii)

Allocation of Appropriative Pool Remaining Desalter Replenishment Obligation (RDRO)

Production Year 2013-14:		acre-feet
CDA Production - Peace I Allocation		29,227.997
CDA Production - Peace II Allocation		14.555
Total Desalter Replenishment Obligation (Total DRO):		29,242.552
Desalter Replenishment Obligation Contribution (DROC)		(10,000.000)
Re-Operation Water		(12,500.000)
RDRO		6,742.552

Appropriative Pool Party	Operating Safe Yield	Production Year 2013/14 Common Data (From Approved 2014/2015 Assessment Package - Appendix A)					Methodology for Calculation of Adjusted Physical Production (APP)	Methodology for Calculation of "RDRO"
	a	b	c	d	e	f	APP = [b+(c*50%)+d+e+f]	Individual Party RDRO = ((a+APP)/(Total a + Total APP)) * RDRO
	Assessment Paackage Page 2A: Column 2D	Physical Production	Voluntary Agreements (w/Ag)	Assignments (w/Non-Ag)	Storage and Recovery Programs	Other Adjustments	*Note: APP for City of Chino does not include "Other Adjustments" for this period	
Arrowhead Mtn Spring Water Co	0.000	379.111	0.000	0.000	0.000	0.000	379.111	15.905
Chino Hills, City of	2,111.422	2,150.925	(286.221)	0.000	0.000	5,359.300	7,367.115	397.669
Chino, City of	4,033.857	6,725.430	(6,686.440)	(104.278)	0.000	65.288	3,277.932	306.764
Cucamonga Valley Water District	3,619.454	16,121.550	0.000	0.000	0.000	0.000	16,121.550	828.227
Fontana Union Water Company	6,391.736	0.000	0.000	0.000	0.000	0.000	0.000	268.163
Fontana Water Company	1.000	15,377.579	0.000	0.000	0.000	0.000	15,377.579	645.203
Fontana, City of	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Golden State Water Company	411.476	736.362	0.000	0.000	0.000	0.000	736.362	48.157
Jurupa Community Services District	2,061.118	18,406.630	0.000	(379.499)	0.000	(8.784)	18,018.347	842.427
Marygold Mutual Water Company	655.317	1,314.734	0.000	0.000	0.000	0.000	1,314.734	82.653
Monte Vista Irrigation Company	676.759	0.000	0.000	0.000	0.000	0.000	0.000	28.393
Monte Vista Water District	4,823.954	12,521.892	(151.480)	0.000	0.000	(5,371.667)	7,074.485	499.195
Niagara Bottling, LLC	0.000	1,342.588	0.000	0.000	0.000	0.000	1,342.588	56.328
Nicholson Trust	4.000	0.000	0.000	0.000	0.000	0.000	0.000	0.168
Norco, City of	201.545	0.000	0.000	0.000	0.000	0.000	0.000	8.456
Ontario, City of	11,373.816	21,980.342	(4,428.101)	(1,855.196)	0.000	0.000	17,911.096	1,228.639
Pomona, City of	11,215.852	12,909.293	0.000	0.000	0.000	0.000	12,909.293	1,012.163
San Antonio Water Company	1,506.888	1,159.242	0.000	0.000	0.000	0.000	1,159.242	111.857
San Bernardino, County of (Shooting Park)	0.000	16.390	0.000	0.000	0.000	0.000	16.390	0.688
Santa Ana River Water Company	1,301.374	0.000	0.000	0.000	0.000	48.515	48.515	56.634
Upland, City of	2,852.401	2,822.046	0.000	0.000	0.000	0.000	2,822.046	238.070
West End Consolidated Water Co	947.714	0.000	0.000	0.000	0.000	0.000	0.000	39.761
West Valley Water District	644.317	0.000	0.000	0.000	0.000	0.000	0.000	27.032
	54,834.000	113,964.114	(11,552.242)	(2,338.973)	0.000	92.652	105,876.384	6,742.552

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Appropriative Pool: Remaining Desalter Replenishment Obligation - Production Year 2013/14

2014/15

Remaining Desalter Replenishment Obligation (RDRO):

CDA Production - Peace I Allocation	29,541.000
CDA Production - Peace II Allocation	449.000
Total Desalter Replenishment Obligation (Total DRO):	<u>29,990.000</u>
Desalter Replenishment Obligation Contribution (DROC)	(10,000.000)
Reoperation Water (approved in Peace II)	(12,500.000)
RDRO	<u>7,490.000</u>

Appropriative Pool Party	Operating Safe Yield	Production Year 2014/15 Common Data (From Approved 2015/2016 Assessment Package - Appendix A)					Methodology for Calculation of Adjusted Physical Production (APP)	Methodology for Calculation of "RDRO"
	a	b	c	d	e	f	APP = [b+(c*50%)+d+e+f]	Individual Party RDRO = ((a+APP)/(Total a + Total APP)) * RDRO
	Assessment Paackage Page 2A: Column 2D	Physical Production	Voluntary Agreements (w/Ag)	Assignments (w/Non-Ag)	Storage and Recovery Programs	Other Adjustments	*Note: APP for City of Chino does not include "Other Adjustments" for this period	
Arrowhead Mtn Spring Water Co	0.000	426.139	0.000	0.000	0.000	0.000	426.139	22.092
Chino Hills, City of	2,111.422	3,757.338	(96.029)	0.000	0.000	0.000	3,709.324	301.763
Chino, City of	4,033.857	6,546.044	(5,460.660)	(90.247)	0.000	4.863	3,225.467	376.343
Cucamonga Valley Water District	3,619.454	14,639.960	0.000	0.000	0.000	0.000	14,639.960	946.618
Fontana Union Water Company	6,391.736	0.000	0.000	0.000	0.000	0.000	0.000	331.365
Fontana Water Company	1.000	13,344.225	0.000	0.000	0.000	0.000	13,344.225	691.853
Fontana, City of	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Golden State Water Company	411.476	720.259	0.000	0.000	0.000	0.000	720.259	58.672
Jurupa Community Services District	2,061.118	12,805.464	0.000	(370.990)	0.000	32.103	12,466.577	753.156
Marygold Mutual Water Company	655.317	1,250.349	0.000	0.000	0.000	0.000	1,250.349	98.795
Monte Vista Irrigation Company	676.759	0.000	0.000	0.000	0.000	0.000	0.000	35.085
Monte Vista Water District	4,823.954	7,401.629	(132.454)	0.000	0.000	(387.636)	6,947.766	610.278
Niagara Bottling, LLC	0.000	1,859.765	0.000	0.000	0.000	0.000	1,859.765	96.415
Nicholson Trust	4.000	0.000	0.000	0.000	0.000	0.000	0.000	0.207
Norco, City of	201.545	0.000	0.000	0.000	0.000	0.000	0.000	10.449
Ontario, City of	11,373.816	17,675.687	(4,388.312)	(1,856.735)	0.000	0.000	13,624.796	1,295.997
Pomona, City of	11,215.852	12,520.382	0.000	0.000	0.000	0.000	12,520.382	1,230.551
San Antonio Water Company	1,506.888	1,479.087	0.000	0.000	0.000	0.000	1,479.087	154.801
San Bernardino, County of (Shooting Park)	0.000	10.868	0.000	0.000	0.000	0.000	10.868	0.563
Santa Ana River Water Company	1,301.374	0.000	0.000	0.000	0.000	0.000	0.000	67.467
Upland, City of	2,852.401	3,416.416	0.000	0.000	0.000	0.000	3,416.416	324.993
West End Consolidated Water Co	947.714	0.000	0.000	0.000	0.000	0.000	0.000	49.132
West Valley Water District	644.317	0.000	0.000	0.000	0.000	0.000	0.000	33.403
	54,834.000	97,853.612	(11,077.455)	(2,317.972)	0.000	(350.670)	89,641.380	7,490.000

Appropriative Pool: Remaining Desalter Replenishment Obligation - Production Year 2013/14 2015/16

Remaining Desalter Replenishment Obligation (RDRO):	acre-feet
CDA Production - Peace I Allocation	27,009.000
CDA Production - Peace II Allocation	1,154.000
Total Desalter Replenishment Obligation (Total DRO):	28,163.000
Desalter Replenishment Obligation Contribution (DROC)	(10,000.000)
Reoperation Water (approved in Peace II)	(12,500.000)
Non-Ag Pool Contribution	0.000
RDRO	5,663.000

Appropriative Pool Party	Operating Safe Yield	Production Year 2015/16 Common Data (From Approved 2016/17 Assessment Package - Appendix A)					Methodology for Calculation of Adjusted Physical Production (APP)	Methodology for Calculation of "RDRO"
	a	b	c	d	e	f	APP = [b+(c*50%)+d+e+f]	Individual Party RDRO = ((a+APP)/(Total a + Total APP)) * RDRO
	Assessment Paackage Page 2A: Column 2D	Physical Production	Voluntary Agreements (w/Ag)	Assignments (w/Non-Ag)	Storage and Recovery Programs	Other Adjustments	*Note: APP for City of Chino does not include "Other Adjustments" for this period	
Arrowhead Mtn Spring Water Co	0.000	356.162	0.000	0.000	0.000	0.000	356.162	13.551
Chino Hills, City of	2,111.422	1,633.459	(85.178)	0.000	0.000	0.000	1,590.870	140.859
Chino, City of	4,033.857	5,009.976	(5,488.140)	(43.133)	0.000	521.297	2,222.773	238.043
Cucamonga Valley Water District	3,619.454	20,537.150	0.000	0.000	0.000	(2.410)	20,534.740	918.984
Fontana Union Water Company	6,391.736	0.000	0.000	0.000	0.000	0.000	0.000	243.183
Fontana Water Company	1.000	15,317.165	0.000	0.000	0.000	0.000	15,317.165	582.803
Fontana, City of	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Golden State Water Company	411.476	807.419	0.000	0.000	0.000	0.000	807.419	46.375
Jurupa Community Services District	2,061.118	9,283.627	0.000	(358.622)	0.000	27.748	8,952.753	419.040
Marygold Mutual Water Company	655.317	752.723	0.000	0.000	0.000	0.000	752.723	53.571
Monte Vista Irrigation Company	676.759	0.000	0.000	0.000	0.000	0.000	0.000	25.748
Monte Vista Water District	4,823.954	8,358.319	(117.688)	0.000	0.000	(36.910)	8,262.565	497.897
Niagara Bottling, LLC	0.000	1,774.574	0.000	0.000	0.000	0.000	1,774.574	67.516
Nicholson Trust	4.000	0.000	0.000	0.000	0.000	0.000	0.000	0.152
Norco, City of	201.545	0.000	0.000	0.000	0.000	0.000	0.000	7.668
Ontario, City of	11,373.816	22,849.257	(3,559.596)	(1,235.830)	0.000	0.000	19,833.629	1,187.335
Pomona, City of	11,215.852	9,963.663	0.000	0.000	0.000	0.000	9,963.663	805.807
San Antonio Water Company	1,506.888	1,030.847	0.000	0.000	0.000	0.000	1,030.847	96.552
San Bernardino, County of (Shooting Park)	0.000	9.396	0.000	0.000	0.000	0.000	9.396	0.357
Santa Ana River Water Company	1,301.374	0.000	0.000	0.000	0.000	0.000	0.000	49.513
Upland, City of	2,852.401	2,600.725	0.000	0.000	0.000	0.000	2,600.725	207.473
West End Consolidated Water Co	947.714	0.000	0.000	0.000	0.000	0.000	0.000	36.057
West Valley Water District	644.317	0.000	0.000	0.000	0.000	0.000	0.000	24.514
	54,834.000	100,284.462	(9,250.602)	(1,637.585)	0.000	509.725	94,010.004	5,663.000

Appropriative Pool: Remaining Desalter Replenishment Obligation - Production Year 2013/14 2016/17

Remaining Desalter Replenishment Obligation (RDRO):

	acre-feet
CDA Production - Peace I Allocation	26,726.000
CDA Production - Peace II Allocation	1,527.000
Total Desalter Replenishment Obligation (Total DRO):	28,253.000
Desalter Replenishment Obligation Contribution (DROC)	(10,000.000)
Reoperation Water (approved in Peace II)	(12,500.000)
Non-Ag Pool Contribution	(735.000)
RDRO	5,018.000

Appropriative Pool Party	Operating Safe Yield	Production Year 2015/16 Common Data (From Approved 2016/17 Assessment Package - Appendix A)						Methodology for Calculation of Adjusted Physical Production (APP)	Methodology for Calculation of "RDRO"
	a	b	c	d	e	f	APP = [b+(c*50%)+d+e+f]	Individual Party RDRO = ((a+APP)/(Total a + Total APP)) * RDRO	
	Assessment Paackage Page 2A: Column 2D	Physical Production	Voluntary Agreements (w/Ag)	Assignments (w/Non-Ag)	Storage and Recovery Programs	Other Adjustments	*Note: APP for City of Chino does not include "Other Adjustments" for this period		
Arrowhead Mtn Spring Water Co	0.000	367.348	0.000	0.000	0.000	0.000	367.348	13.019	
Chino Hills, City of	2,111.422	2,246.284	(94.257)	0.000	0.000	0.000	2,199.156	152.769	
Chino, City of	4,033.857	4,971.503	(4,531.420)	(51.143)	0.000	0.000	2,654.650	237.044	
Cucamonga Valley Water District	3,619.454	16,561.990	0.000	0.000	0.000	0.000	16,561.990	715.239	
Fontana Union Water Company	6,391.736	0.000	0.000	0.000	0.000	0.000	0.000	226.526	
Fontana Water Company	1.000	13,250.493	0.000	0.000	0.000	0.000	13,250.493	469.639	
Fontana, City of	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Golden State Water Company	411.476	850.347	0.000	0.000	0.000	0.000	850.347	44.720	
Jurupa Community Services District	2,061.118	11,497.599	0.000	(505.790)	0.000	31.408	11,023.217	463.715	
Marygold Mutual Water Company	655.317	618.563	0.000	0.000	0.000	0.000	618.563	45.147	
Monte Vista Irrigation Company	676.759	0.000	0.000	0.000	0.000	0.000	0.000	23.985	
Monte Vista Water District	4,823.954	7,086.159	(125.309)	(17.784)	0.000	(78.112)	6,927.609	416.481	
Niagara Bottling, LLC	0.000	1,531.557	0.000	0.000	0.000	0.000	1,531.557	54.279	
Nicholson Trust	4.000	0.000	0.000	0.000	0.000	0.000	0.000	0.142	
Norco, City of	201.545	0.000	0.000	0.000	0.000	0.000	0.000	7.143	
Ontario, City of	11,373.816	24,839.724	(4,222.013)	(1,647.489)	0.000	0.000	21,081.229	1,150.221	
Pomona, City of	11,215.852	8,066.802	0.000	0.000	0.000	0.000	8,066.802	683.386	
San Antonio Water Company	1,506.888	537.746	0.000	0.000	0.000	0.000	537.746	72.463	
San Bernardino, County of (Shooting Park)	0.000	13.037	0.000	0.000	0.000	0.000	13.037	0.462	
Santa Ana River Water Company	1,301.374	0.000	0.000	0.000	0.000	0.000	0.000	46.121	
Upland, City of	2,852.401	1,259.776	0.000	0.000	0.000	(187.860)	1,071.916	139.080	
West End Consolidated Water Co	947.714	0.000	0.000	0.000	0.000	0.000	0.000	33.587	
West Valley Water District	644.317	0.000	0.000	0.000	0.000	0.000	0.000	22.835	
	54,834.000	93,698.928	(8,972.999)	(2,222.206)	0.000	(234.564)	86,755.659	5,018.000	

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Appropriative Pool: Remaining Desalter Replenishment Obligation

Production Year 2013-17

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Appropriative Pool Party	RDRO				Total
	PY 13-14	PY 14-15	PY 15-16	PY 16-17	
Arrowhead Mtn Spring Water Co	15.905	22.092	13.551	13.019	64.567
Chino Hills, City of	397.669	301.763	140.859	152.769	993.061
Chino, City of	306.764	376.343	238.043	237.044	1,158.194
Cucamonga Valley Water District	828.227	946.618	918.984	715.239	3,409.068
Fontana Union Water Company	268.163	331.365	243.183	226.526	1,069.238
Fontana Water Company	645.203	691.853	582.803	469.639	2,389.498
Fontana, City of	0.000	0.000	0.000	0.000	0.000
Golden State Water Company	48.157	58.672	46.375	44.720	197.924
Jurupa Community Services District	842.427	753.156	419.040	463.715	2,478.337
Marygold Mutual Water Company	82.653	98.795	53.571	45.147	280.166
Monte Vista Irrigation Company	28.393	35.085	25.748	23.985	113.211
Monte Vista Water District	499.195	610.278	497.897	416.481	2,023.851
Niagara Bottling, LLC	56.328	96.415	67.516	54.279	274.539
Nicholson Trust	0.168	0.207	0.152	0.142	0.669
Norco, City of	8.456	10.449	7.668	7.143	33.715
Ontario, City of	1,228.639	1,295.997	1,187.335	1,150.221	4,862.192
Pomona, City of	1,012.163	1,230.551	805.807	683.386	3,731.907
San Antonio Water Company	111.857	154.801	96.552	72.463	435.673
San Bernardino, County of (Shooting Park)	0.688	0.563	0.357	0.462	2.071
Santa Ana River Water Company	56.634	67.467	49.513	46.121	219.735
Upland, City of	238.070	324.993	207.473	139.080	909.614
West End Consolidated Water Co	39.761	49.132	36.057	33.587	158.538
West Valley Water District	27.032	33.403	24.514	22.835	107.784
	6,742.552	7,490.000	5,663.000	5,018.000	24,913.552

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CHINO BASIN WATERMASTER

II. BUSINESS ITEMS (App Pool)

G. AMENDMENT OF POOLING PLAN FOR THE OVERLYING
(NON-AGRICULTURAL) POOL

II. BUSINESS ITEMS (Ag Pool)

F. AMENDMENT OF POOLING PLAN FOR THE OVERLYING
(NON-AGRICULTURAL) POOL



CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: November 8, 2018 (Appropriative Pool)
November 13, 2018 (Agricultural Pool)

TO: Pool Committee Members

SUBJECT: Amendment of Pooling Plan for the Overlying (Non-Agricultural) Pool
(Appropriative Pool - Business Item II.G.; Agricultural Pool - Business Item II.F.)

SUMMARY

Issue: The Overlying (Non-Agricultural) Pool (NAP) has identified certain changes it wishes to make to its Pooling Plan. The Pooling Plan is Exhibit "G" of the Restated Judgment.

Recommendation: Consider the proposed amendment to the NAP Pooling Plan and take appropriate action.

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

Future Consideration

Appropriative Pool - November 8, 2018: Advice and assistance or approval
Agricultural Pool - November 13, 2018: Advice and assistance or approval
Advisory Committee - November 15, 2018: Advice and Assistance
Watermaster Board - November 15, 2018: TBD

ACTIONS:

Appropriative Pool - November 8, 2018:
Agricultural Pool - November 13, 2018:
Advisory Committee - November 15, 2018:
Watermaster Board - November 15, 2018:

Watermaster's function is to administer and enforce provisions of the Judgment and subsequent orders of the Court, and to develop and implement an Optimum Basin Management Program

BACKGROUND

On October 4, 2018, the NAP Committee moved the Court for approval of certain amendments to the NAP Pooling Plan.

DISCUSSION

The Appropriative and Overlying (Agricultural) Pools requested that this item be brought before their Pool Committees for review and possible action on the proposed amendments to the NAP Pooling Plan. The NAP Committee's motion, including the proposed Amendments, is shown as Attachment 1.

ATTACHMENTS

1. Notice of Motion and Motion regarding Amendment of the Pooling Plan for the Non-Agricultural Pool, attached to the Judgment as Exhibit G (click on link below to access):
https://cbwm.syncedtool.com/shares/folder/9abb162877b999/?folder_id=1418

Notice of Motion and Motion regarding Amendment of the Pooling Plan for the Non-Agricultural Pool, attached to the Judgement as Exhibit G.

(Click on link below to access):

https://cbwm.syncedtool.com/shares/folder/9abb162877b999/?folder_id=1418

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CHINO BASIN WATERMASTER

II. BUSINESS ITEMS (App Pool)

H. FISCAL YEAR 2018/19 EXHIBIT "G" PHYSICAL SOLUTION TRANSFER
RATE SUBSTITUTION

II. BUSINESS ITEMS (Ag Pool)

G. FISCAL YEAR 2018/19 EXHIBIT "G" PHYSICAL SOLUTION TRANSFER
RATE SUBSTITUTION



CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: November 8, 2018 (Appropriative Pool)
November 13, 2018 (Agricultural Pool)

TO: Appropriative and Agricultural Pool Committee Members

SUBJECT: Exhibit "G" Physical Solution Transfer Rate Substitution
(Business Item II.H.) Appropriative Pool
(Business Item II.G.) Agricultural Pool

SUMMARY

Issue: There is no identified Physical Solution Transfer rate for Fiscal Year 2018-19.

Recommendation: Consider approval of the Non-Agricultural Pool's proposed FY 2018/19 substitute Physical Solution Transfer rate of \$655.00 per acre-foot based on three conditions: (a) the Court does not enter an order on or prior to December 31, 2018 authorizing the Non-Agricultural Pool Committee to establish the price in connection with its now pending motion to amend the Non-Agricultural Pool Pooling Plan; (b) the Appropriative Pool Committee agrees to such price on or prior to November 15, 2018; and (c) the Court enters an order approving such price as a negotiated price for the current 2018/2019 fiscal year, and, recommend Advisory Committee approval, and approve Watermaster legal counsel's filing of motion for Court approval of the same.

Financial Impact: None

Future Consideration

Appropriative Pool – November 8, 2018: Approve and Recommend Advisory Committee approval

Agricultural Pool – November 13, 2018: Approve and Recommend Advisory Committee approval

Advisory Committee – November 15, 2018: Approval

Watermaster Board – November 15 2018: Approval [with advice and assistance from Pools and Advisory Committee]

ACTIONS:

Non-Agricultural Pool – October 25, 2018: The Non-Agricultural Pool Committee hereby establishes a price of \$655.00 per acre foot for such transfers in the current 2018/2019 fiscal year. The Non-Agricultural Pool Committee hereby further authorizes the Chair to negotiate with representatives of the Appropriative Pool a price equal to \$655.00 per acre foot for water transferred pursuant to Section 9 in the current 2018/2019 fiscal year, which shall be the price for such transfers if all of the following occur: (a) the Court does not enter an order on or prior to December 31, 2018 authorizing the Non-Agricultural Pool Committee to establish the price in connection with the motion now pending; (b) the Appropriative Pool Committee agrees to such price on or prior to November 15, 2018; and (c) the Court enter an order approving such price as a negotiated price for the current 2018/2019 fiscal year.

November 8, 2018 – Appropriative Pool:

November 13, 2018 – Agricultural Pool:

November 15, 2018 – Advisory Committee:

November 15, 2018 – Watermaster Board:

Watermaster's function is to administer and enforce provisions of the Judgment and subsequent orders of the Court, and to develop and implement an Optimum Basin Management Program

BACKGROUND

Paragraph 9 of Exhibit "G" to the Restated Judgment, entitled "Physical Solution Transfers," provides mechanisms pursuant to which, during the term of the Peace Agreement, the members of the Overlying (Non-Agricultural) Pool have the right to transfer or lease their quantified Production rights and carry-over water held in storage accounts. Pursuant to the procedures outlined in Paragraph 9, Paragraph 9(d) of Exhibit "G" specifies that the payment for water purchased for transfer to Watermaster, and thence to the members of the Appropriative Pool, will be 92% of the then-prevailing "[Metropolitan Water District of Southern California] Replenishment Rate."

According to Watermaster's past practice, the MWD Replenishment Rate utilized would be that applicable for the calendar year in which Watermaster's purchase takes place. As applied to transfers in FY 2018/19, as payment would be made by June 30, 2019, if MWD had a Replenishment Rate in effect for 2019, that rate would be utilized. MWD ceased publishing a Replenishment Rate in 2013 and it is not presently known when and how MWD may reinitiate a replenishment program. Accordingly, Watermaster and the parties to the Restated Judgment are without a rate from which to calculate the Physical Solution Transfers in FY 2018/19. This has been the case since FY 2012/13, during which the Court approved a requested one-year rate substitution.

DISCUSSION

At its special meeting held on October 25, 2018, the members of the Overlying (Non-Agricultural) Pool Committee proposed to use a substitute rate for the FY 2018/19 of \$655.00 per acre-foot based on three conditions: (a) the Court does not enter an order on or prior to December 31, 2018 authorizing the Non-Agricultural Pool Committee to establish the price in connection with the motion now pending; (b) the Appropriative Pool Committee agrees to such price on or prior to November 15, 2018; and (c) the Court enter an order approving such price as a negotiated price for the current FY 2018/19.

The Non-Agricultural Pool Committee's motion to amend the Non-Agricultural Pool Pooling Plan that is currently pending before the Court, would amend the Non-Agricultural Pooling Plan to allow the Non-Agricultural Pool to establish the price for the transfers described in Paragraph 9 of Exhibit "G". The subject of this proposed motion to use a substitute rate for the FY 2018/19 of \$655.00 per acre-foot is being presented to allow transfers to be considered in case the motion before the Court is not granted before the end of Calendar Year 2018, since the currently approved Non-Agricultural Pooling Plan requires the Non-Agricultural Pool parties to declare any available volume for transfer by December 31st of each Calendar Year.

A motion to allow substitution of Physical Solution Transfer rate for FY 2018/19 would request the deviation from the terms of the Restated Judgment in order to utilize a substitute "Physical Solution Transfer" rate applicable to transfers from the Overlying (Non-Agricultural) Pool to Watermaster, and thence to members of the Appropriative Pool, pursuant to Paragraph 9 of Exhibit "G" to the Restated Judgment. If granted, this would allow Watermaster to substitute the Physical Solution Transfer rates as shown above, as MWD no longer publishes a Replenishment Rate.

The Court's approval of a substitute rate under Paragraph 9(d) of Exhibit "G" would allow transfers to proceed without issue in FY 2018/19, allowing the Overlying (Non-Agricultural) and Appropriative Pools to continue to transact among one another until a longer-term solution and MWD's long term replenishment plans become clear.

In case the pending Overlying (Non-Agricultural) Pool's motion is not approved by the Court before December 31, 2018, and the proposed FY 2018/19 substitute rate of \$655 per acre foot is approved, Counsel for the Pool and Watermaster will collaborate to prepare a draft stipulation and proposed order, and draft motion for Court approval of the FY 2018/19 substitute rate.

CHINO BASIN WATERMASTER

IV. INFORMATION

1. Cash Disbursements for October 2018

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
October 2018

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/01/2018	21051	CARLOS LOPEZ	General Maintenance Services	1012 · Bank of America Gen'l Ckg	
Bill	10/01/2018			Break down/put together ETF desk-office painting	6024 · Building Repair & Maintenance	120.00
TOTAL						120.00
Bill Pmt -Check	10/03/2018	21052	BROWNSTEIN HYATT FARBER SCHRECK		1012 · Bank of America Gen'l Ckg	
Bill	08/31/2018	732290		732290	6078 · BHFS Legal - Miscellaneous	22,442.85
				Mileage/Parking Expense	8375 · BHFS Legal - Appropriative Pool	12.26
				Mileage/Parking Expense	8475 · BHFS Legal - Agricultural Pool	49.04
				Mileage/Parking Expense	8575 · BHFS Legal - Non-Ag Pool	12.26
				Federal Express	6078 · BHFS Legal - Miscellaneous	101.62
				Research	6078 · BHFS Legal - Miscellaneous	300.00
				Mileage/Parking Expense	6078 · BHFS Legal - Miscellaneous	36.78
Bill	08/31/2018	732291		732291	6073 · BHFS Legal - Personnel Matters	178.20
Bill	08/31/2018	732293		732293	6907.36 · Santa Ana River Habitat	1,762.20
Bill	08/31/2018	732294		732294	6275 · BHFS Legal - Advisory Committee	1,202.85
				Mileage/Parking Expense	6275 · BHFS Legal - Advisory Committee	36.78
Bill	08/31/2018	732295		732295	6375 · BHFS Legal - Board Meeting	6,996.60
				Research - Westlaw	6375 · BHFS Legal - Board Meeting	156.94
				Delivery/Ground Transportation	6375 · BHFS Legal - Board Meeting	150.00
Bill	08/31/2018	732296		732296	8375 · BHFS Legal - Appropriative Pool	1,514.70
Bill	08/31/2018	732297		732297	8475 · BHFS Legal - Agricultural Pool	1,514.70
Bill	08/31/2018	732298		732298	8575 · BHFS Legal - Non-Ag Pool	1,514.70
Bill	08/31/2018	732299		732299	6071 · BHFS Legal - Court Coordination	9,795.60
				Filing Fee	6071 · BHFS Legal - Court Coordination	86.00
				Mileage/Parking Expense	6071 · BHFS Legal - Court Coordination	36.78
Bill	08/31/2018	732300		732300	6077 · BHFS Legal - Party Status Maint	931.95
Bill	08/31/2018	732301		732301	6907.39 · Recharge Master Plan	11,627.10
				Mileage/Parking Expense	6907.39 · Recharge Master Plan	62.39
Bill	08/31/2018	732302		732302	6907.40 · Storage Agreements	3,782.70
Bill	08/31/2018	732303		732303	6907.41 · Prado Basin Habitat Sustain	263.25
Bill	08/31/2018	732304		732304	6907.42 · Safe Yield Recalculation	18,787.95
				Delivery/Ground Transportation	6907.42 · Safe Yield Recalculation	150.00
Bill	08/31/2018	732305		732305	6907.44 · SGMA Compliance	2,227.50
TOTAL						85,733.70
Bill Pmt -Check	10/03/2018	21053	WILDERMUTH ENVIRONMENTAL INC		1012 · Bank of America Gen'l Ckg	
Bill	08/31/2018	2018244		2018244	6906.31 · OBMP-Pool, Adv. Board Mtgs	6,966.97
Bill	08/31/2018	2018245		2018245	6906.32 · OBMP-Other General Meetings	6,891.60
Bill	08/31/2018	2018246		2018246	6906.71 · OBMP-Data Req.-CBWM Staff	6,247.81
Bill	08/31/2018	2018247		2018247	6906.72 · OBMP-Data Req.-Non CBWM Staff	305.20

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CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
October 2018

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	08/31/2018	2018248			6906.22 · Water Rights Compliance Rprting	5,023.70
Bill	08/31/2018	2018249			6906 · OBMP Engineering Services	2,692.40
Bill	08/31/2018	2018250			6906.9 · OBMP-2018 RMPU Master Update	27,194.30
Bill	08/31/2018	2018251			6906.73 · OBMP-Safe Yield Recalculation	21,661.20
Bill	08/31/2018	2018252			6906.15 · Integrated Model Mtgs-IEUA Cost	2,647.00
Bill	08/31/2018	2018253			6906.81 · Prepare Annual Reports	1,462.00
Bill	08/31/2018	2018254			7103.3 · Grdwtr Qual-Engineering	24,783.18
Bill	08/31/2018	2018255			7104.3 · Grdwtr Level-Engineering	12,464.46
Bill	08/31/2018	2018256			7107.2 · Grd Level-Engineering	3,490.96
Bill	08/31/2018	2018257			7107.2 · Grd Level-Engineering	102.00
Bill	08/31/2018	2018258			7402 · PE4-Engineering	22,200.45
Bill	08/31/2018	2018259			7402.10 · PE4 - Northwest MZ1 Area Proj.	5,160.24
Bill	08/31/2018	2018260			7108.31 · Hydraulic Control - PBHSP	9,116.10
Bill	08/31/2018	2018261			7109.3 · Recharge & Well - Engineering	1,448.40
Bill	08/31/2018	2018262			7202.2 · Engineering Svc	2,060.07
Bill	08/31/2018	2018263			7502 · PE6&7-Engineering	1,416.30
Bill	08/31/2018	2018264			7602 · PE8&9-Engineering	18,396.30
TOTAL						181,730.64
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Bill Pmt -Check	10/05/2018	ACH 100518	CALPERS	1394905143	1012 · Bank of America Gen'l Ckg	
Bill	09/14/2018	1394905143		1394905143	60182.1 · Medical Insurance	6,152.76
TOTAL						6,152.76
Bill Pmt -Check	10/05/2018	21054	ACCENT COMPUTER SOLUTIONS, INC.		1012 · Bank of America Gen'l Ckg	
Bill	09/30/2018	123957		Balance due-Knowlton desktop	6055 · Computer Hardware	899.20
Bill	09/30/2018	123954		Balance due-Joswiak desktop	6055 · Computer Hardware	899.20
TOTAL						1,798.40
Bill Pmt -Check	10/05/2018	21055	APPLIED COMPUTER TECHNOLOGIES	3000	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2018	3000		Database Consulting Services-September 2018	6052.2 · Applied Computer Technol	3,120.00
TOTAL						3,120.00
Bill Pmt -Check	10/05/2018	21056	BOWCOCK, ROBERT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/20/2018	9/20 Advisory Comm		9/20/18 Advisory Committee Meeting	6311 · Board Member Compensation	125.00
Bill	09/27/2018	9/27 Board Mtg		9/27/18 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						250.00
Bill Pmt -Check	10/05/2018	21057	DI PRIMIO, ROBERT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/21/2018	9/21 Board Agenda Mt		9/21/18 Board agenda preview meeting	6311 · Board Member Compensation	125.00
Bill	09/27/2018	9/27 Board Mtg		9/27/18 Board meeting	6311 · Board Member Compensation	125.00
TOTAL						250.00

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
October 2018

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/05/2018	21058	EGOSCUE LAW GROUP, INC.	12074	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2018	12074		Ag Pool Legal Servivces - September 2018	8467 · Ag Legal & Technical Services	22,912.50
TOTAL						22,912.50
Bill Pmt -Check	10/05/2018	21059	ELIE, STEVEN	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/27/2018	9/27 Board Mtg		9/27/18 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	10/05/2018	21060	EUROFINS EATON ANALYTICAL		1012 · Bank of America Gen'l Ckg	
Bill	09/13/2018	L0411901		L0411901	7103.5 · Grdwtr Qual-Lab Svcs	2,512.00
Bill	09/13/2018	L0411900		L0411900	7103.5 · Grdwtr Qual-Lab Svcs	3,230.00
Bill	09/13/2018	L0414964		L0414964	7103.5 · Grdwtr Qual-Lab Svcs	1,449.00
Bill	09/20/2018	L0413216		L0413216	7103.5 · Grdwtr Qual-Lab Svcs	3,638.00
Bill	09/26/2018	L0414253		L0414253	7103.5 · Grdwtr Qual-Lab Svcs	3,768.00
Bill	09/26/2018	L0414258		L0414258	7103.5 · Grdwtr Qual-Lab Svcs	483.00
Bill	09/26/2018	L0414249		L0414249	7103.5 · Grdwtr Qual-Lab Svcs	3,678.00
Bill	09/27/2018	L0414455		L0414455	7103.5 · Grdwtr Qual-Lab Svcs	1,386.00
Bill	10/03/2018	L0415538		L0415538	7103.5 · Grdwtr Qual-Lab Svcs	1,256.00
TOTAL						21,400.00
Bill Pmt -Check	10/05/2018	21061	FEENSTRA, BOB	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/07/2018	9/07 SY Mtg @ CVWD		SY Reset Appeal Settlement meeting at CVWD	8470 · Ag Meeting Attend -Special	125.00
Bill	09/11/2018	9/11 Storage Wkshp		9/11/18 Storage Workshop	8470 · Ag Meeting Attend -Special	125.00
Bill	09/13/2018	9/13 Ag Pool Mtg		9/13/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	09/20/2018	9/20 Advisory Comm		9/20/18 Advisory Committee meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	09/27/2018	9/27 Board Mtg		9/27/18 Board meeting	8470 · Ag Meeting Attend -Special	125.00
TOTAL						625.00
Bill Pmt -Check	10/05/2018	21062	FILIPPI, GINO	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/27/2018	9/27 Board Mtg		9/27/18 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	10/05/2018	21063	GEYE, BRIAN	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/11/2018	9/11 Storage Wkshp		9/11/18 Storage workshop	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	10/05/2018	21064	HUITSING, JOHN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/13/2018	9/13 Ag Pool Mtg		9/13/18 Ag Pool Meeting	8411 · Compensation	25.00
				9/13/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/05/2018	21065	INLAND EMPIRE UTILITIES AGENCY	90022892	1012 · Bank of America Gen'l Ckg	
Bill	10/01/2018	90022892		GW Recharge O&M reimbursement 2nd quarter	7206 · Comp Recharge-O&M	293,578.73
TOTAL						293,578.73
Bill Pmt -Check	10/05/2018	21066	KUHN, BOB	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/13/2018	9/13 Appro Pool Mtg		9/13/18 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00
Bill	09/20/2018	9/20 Advisory Comm		9/20/18 Advisory Committee Meeting	6311 · Board Member Compensation	125.00
Bill	09/25/2018	9/25 Admin Mtg		9/25/18 Administrative Meeting	6311 · Board Member Compensation	125.00
Bill	09/27/2018	9/27 Board Mtg		9/27/18 Board meeting	6311 · Board Member Compensation	125.00
TOTAL						500.00
Bill Pmt -Check	10/05/2018	21067	PAYCHEX	2018092700	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2018	2018092700		September 2018	6012 · Payroll Services	309.77
TOTAL						309.77
Bill Pmt -Check	10/05/2018	21068	PIERSON, JEFFREY	Ag Pool and Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/13/2018	9/13 Ag Pool Mtg		9/13/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	09/20/2018	9/20 Advisory Comm		9/20/18 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	09/20/2018	9/20 RIPCom Mtg		9/20/18 RIPCom Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	09/21/2018	9/21 Admin Mtg		9/21/18 Administrative meeting w/GM, Board, Exec	6311 · Board Member Compensation	125.00
Bill	09/27/2018	9/27 Board Mtg		9/27/18 Board Meeting	6311 · Board Member Compensation	125.00
Bill	09/27/2018	9/27 GLMC Mtg		9/27/18 GLMC Meeting	8470 · Ag Meeting Attend -Special	125.00
TOTAL						750.00
Bill Pmt -Check	10/05/2018	21069	PIETERSMA, RONALD	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/13/2018	9/13 Ag Pool mtg		9/13/18 Ag Pool Meeting	8411 · Compensation	25.00
				9/13/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	10/05/2018	21070	PURCHASE POWER	8000-9090-0016-8851	1012 · Bank of America Gen'l Ckg	
Bill	10/05/2018	8000909000168851		Service fee	6042 · Postage - General	58.69
TOTAL						58.69
Bill Pmt -Check	10/05/2018	21071	RAUCH COMMUNICATION CONSULTANTS, LL	Sep-1803	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2018	Sep-1803		AR41 - work completed through August 2018	6061.3 · Rauch	1,356.25
TOTAL						1,356.25
Bill Pmt -Check	10/05/2018	21072	RR FRANCHISING, INC.	62163	1012 · Bank of America Gen'l Ckg	
Bill	10/01/2018	62163		Monthly janitorial service - October 2018	6024 · Building Repair & Maintenance	740.00
TOTAL						740.00

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/05/2018	21073	SKILLPATH SEMINARS	STAR 12 All Access Pass	1012 · Bank of America Gen'l Ckg	
Bill	09/26/2018	8045198		STAR12 All Access Passes for ETF and JN	6192 · Seminars - General	598.00
TOTAL						598.00
Bill Pmt -Check	10/05/2018	21074	STATE COMPENSATION INSURANCE FUND	1970970-18	1012 · Bank of America Gen'l Ckg	
Bill	10/01/2018	1970970-18		Monthly premium 9/26/18-10/26/18	60183 · Worker's Comp Insurance	552.42
TOTAL						552.42
Bill Pmt -Check	10/05/2018	21075	SWIFT, JOSH	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/27/2018	9/27 Board mtg		9/27/18 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	10/05/2018	21076	ULLOA, EUNICE	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/13/2018	9/13 Appro Pool MTG		9/13/18 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00
Bill	09/20/2018	9/20 Advisory Comm		9/20/18 Advisory Committee Meeting	6311 · Board Member Compensation	125.00
Bill	09/27/2018	9/27 Board Mtg		9/27/18 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						375.00
P165 Bill Pmt -Check	10/05/2018	21077	UNION 76	7076-2245-3035-5049	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2018	7076224530355049		September 2018	6175 · Vehicle Fuel	68.75
TOTAL						68.75
Bill Pmt -Check	10/05/2018	21078	VISION SERVICE PLAN	00-101789-0001	1012 · Bank of America Gen'l Ckg	
Bill	09/27/2018	001017890001		Vision Insurance Premium - October 2018	60182.2 · Dental & Vision Ins	63.18
TOTAL						63.18
Bill Pmt -Check	10/05/2018	21079	HUYNH, DAVID	Employee Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	10/05/2018			Reimbursement for safety boots for field work	6152 · Safety Shoes	172.39
TOTAL						172.39
Bill Pmt -Check	10/05/2018	21080	JURADO, ALONSO	Employee Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	10/05/2018			Reimbursement for safety boots for field work	6152 · Safety Shoes	172.39
TOTAL						172.39
General Journal	10/06/2018	10/06/2018	Payroll and Taxes for 09/23/18-10/06/18	Payroll and Taxes for 09/23/18-10/06/18	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 09/23/18-10/06/18	1012 · Bank of America Gen'l Ckg	27,450.03
				Payroll Taxes for 09/23/18-10/06/18	1012 · Bank of America Gen'l Ckg	9,074.79
			ICMA-RC	457(b) Employee Deductions for 09/23/18-10/06/18	1012 · Bank of America Gen'l Ckg	4,541.43
			ICMA-RC	401(a) Employee Deductions for 09/23/18-10/06/18	1012 · Bank of America Gen'l Ckg	1,311.76
TOTAL						42,378.01

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/10/2018	21081	BROWNSTEIN HYATT FARBER SCHRECK		1012 · Bank of America Gen'l Ckg	
Bill	09/30/2018	735551		40th Anniversary Event	6078 · BHFS Legal - Miscellaneous	2,207.25
				735551	6078 · BHFS Legal - Miscellaneous	23,624.55
				Mileage/Parking Expense	8375 · BHFS Legal - Appropriative Pool	12.26
				Mileage/Parking Expense	8475 · BHFS Legal - Agricultural Pool	12.26
				Mileage/Parking Expense	8575 · BHFS Legal - Non-Ag Pool	12.26
				Mileage/Parking Expense	6078 · BHFS Legal - Miscellaneous	36.78
				Mileage/Parking Expense	6078 · BHFS Legal - Miscellaneous	36.78
Bill	09/30/2018	735552		735552	6073 · BHFS Legal - Personnel Matters	1,916.10
Bill	09/30/2018	735553		Audit Response	6078 · BHFS Legal - Miscellaneous	580.05
Bill	09/30/2018	735554		735554	6907.34 · Santa Ana River Water Rights	490.05
Bill	09/30/2018	735555		735555	6907.33 · Desalter/Hydraulic Control	133.65
Bill	09/30/2018	735556		735556	6275 · BHFS Legal - Advisory Committee	1,539.00
				Mileage/Parking Expense	6275 · BHFS Legal - Advisory Committee	36.78
Bill	09/30/2018	735557		735557	6375 · BHFS Legal - Board Meeting	5,009.85
				Delivery/Ground Transportation	6375 · BHFS Legal - Board Meeting	150.00
Bill	09/30/2018	735558		735558	8375 · BHFS Legal - Appropriative Pool	1,514.70
Bill	09/30/2018	735559		735559	8475 · BHFS Legal - Agricultural Pool	1,514.70
Bill	09/30/2018	735560		735560	8575 · BHFS Legal - Non-Ag Pool	1,514.70
Bill	09/30/2018	735561		735561	6071 · BHFS Legal - Court Coordination	896.85
Bill	09/30/2018	735562		735562	6077 · BHFS Legal - Party Status Maint	2,260.35
Bill	09/30/2018	735563		735563	6907.39 · Recharge Master Plan	11,466.45
Bill	09/30/2018	735564		735564	6907.40 · Storage Agreements	12,449.70
				Mileage/Parking Expense	6907.40 · Storage Agreements	36.78
Bill	09/30/2018	735565		735565	6907.42 · Safe Yield Recalculation	12,154.05
				Delivery/Ground Transportation	6907.42 · Safe Yield Recalculation	300.00
				Mileage/Parking Expense	6907.42 · Safe Yield Recalculation	36.78
Bill	09/30/2018	735566		735566	6907.44 · SGMA Compliance	52.65
TOTAL						79,995.33
Bill Pmt -Check	10/11/2018	ACH 101118	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	10/06/2018	10/06/2018	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 09/23/18-10/06/18	2000 · Accounts Payable	7,106.42
TOTAL						7,106.42
Bill Pmt -Check	10/11/2018	21082	MICHAEL'S #3844	Office Renovation	1012 · Bank of America Gen'l Ckg	
Bill	10/11/2018	Order 58296		Custom frames of Annual Report covers	1840 · Capital Assets	206.88
TOTAL						206.88
Bill Pmt -Check	10/15/2018	21083	ACCENT COMPUTER SOLUTIONS, INC.	IT Managed Services	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2018	124095		GoDaddy 5-Slot SSL Certificate	6054 · Computer Software	112.98

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	09/30/2018	124093		Docking station-Jurado laptop	6055 · Computer Hardware	337.33
Bill	09/30/2018	123982		RAM upgrade-Jurado laptop	6055 · Computer Hardware	92.15
TOTAL						542.46
Bill Pmt -Check	10/15/2018	21084	ACWA JOINT POWERS INSURANCE AUTHORITY	0577843	1012 · Bank of America Gen'l Ckg	
Bill	10/11/2018	0577843		Prepayment - November 2018	1409 · Prepaid Life, BAD&D & LTD	218.64
				October 2018	60191 · Life & Disab.Ins Benefits	218.63
TOTAL						437.27
Bill Pmt -Check	10/15/2018	21085	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2018	XXXX-XXXX-XXXX-9341		50% deposit-Joswiak desktop	6055 · Computer Hardware	895.32
				Miscellaneous office supplies	6031.7 · Other Office Supplies	264.65
				Monitors for new field staff	6055 · Computer Hardware	237.23
				UPS battery backup-new field staff	6055 · Computer Hardware	283.85
				Phone supplies-new field staff	6031.7 · Other Office Supplies	76.42
				Spare phone holster	6031.7 · Other Office Supplies	10.89
				50% deposit-Knowlton desktop	6055 · Computer Hardware	895.31
				UPS battery for server room	6055 · Computer Hardware	51.26
				Study manuals for JW-TA exam	6192 · Seminars - General	464.98
				Extra phone cords	6031.7 · Other Office Supplies	11.94
				Cover for cell phone-field staff	6031.7 · Other Office Supplies	12.86
				Mouse pads for office	6031.7 · Other Office Supplies	29.99
				Uniforms for new field staff	6154 · Uniforms	322.20
				Deposit-Ontario Convention Center-40th Anniv.	1550 · Special Event-40th Anniversary	2,210.39
				HR personnel folders	6031.7 · Other Office Supplies	31.10
				TV-Turner Conference room	6031.7 · Other Office Supplies	650.66
				WINZip License-CFO	6054 · Computer Software	14.91
				Package to DiPrimio	6042 · Postage - General	17.00
				UPS for server room	6055 · Computer Hardware	145.14
				Miscellaneous office supplies	6031.7 · Other Office Supplies	125.33
				Miscellaneous office supplies	6031.7 · Other Office Supplies	56.05
				Miscellaneous office supplies	6031.7 · Other Office Supplies	24.88
				Lunch for staff/counsel pre-Storage Framework	6909.1 · OBMP Meetings	62.38
				Miscellaneous office supplies	6031.7 · Other Office Supplies	96.54
				Registration for JN to attend Seminar 11/05/18	6193.2 · Conference - Registration Fee	198.14
				Miscellaneous office supplies	6031.7 · Other Office Supplies	89.85
				HR staff meeting	6141.3 · Admin Meetings	48.18
				Staff/counsel lunch pre- Ag Meeting	8412 · Meeting Expenses	114.50
				Office furniture	1840 · Capital Assets	519.92
				OBMP mtg	6909.1 · OBMP Meetings	109.52
				Miscellaneous office supplies	6031.1 · Copy Paper	23.90

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Type	Date	Num	Name	Memo	Account	Paid Amount
				Miscellaneous office supplies	6031.7 · Other Office Supplies	61.78
				Wireless keyboard/mouse combo	6055 · Computer Hardware	33.84
				Miscellaneous office supplies	6031.7 · Other Office Supplies	47.74
				Miscellaneous office supplies	6031.7 · Other Office Supplies	10.94
				Membership renewal for AN to IAAP	6111 · Membership Dues	149.35
				PK mtg w/T. Layton, B. Lee	8312 · Meeting Expenses	68.42
				PK mtg w/K.Geinger, C. Jones	8312 · Meeting Expenses	61.00
				Miscellaneous office supplies	6031.7 · Other Office Supplies	22.31
				Airport parking-PK-Sept. 25-26 West. GW Congres	6191 · Conferences - General	35.84
				Dessert for 9/27 staff meeting	6141.3 · Admin Meetings	14.48
				Lunch-PK-Sept. 25-26 Western GW Congress	6191 · Conferences - General	12.54
				Hotel-PK-Sept. 25-26 Western GW Congress	6191 · Conferences - General	86.32
				Lamps for front office	6031.7 · Other Office Supplies	71.87
				Miscellaneous office supplies	6031.7 · Other Office Supplies	24.47
				PK mtg w/ETF., L. Gallindo	6909.1 · OBMP Meetings	51.99
				PK mtg w/T. Layton, V. Jew, B. Lee	8312 · Meeting Expenses	66.92
TOTAL						8,915.10
P168	Bill Pmt -Check	10/15/2018	21086	CHEF DAVE'S CAFE & CATERING	8468	1012 · Bank of America Gen'l Ckg
	Bill	09/27/2018	8468	Lunch for 9/27/18 Watermaster Board meeting	6312 · Meeting Expenses	600.69
TOTAL						600.69
	Bill Pmt -Check	10/15/2018	21087	CORELOGIC INFORMATION SOLUTIONS	81922110	1012 · Bank of America Gen'l Ckg
	Bill	09/30/2018	81922110		81922110	7103.7 · Grdwtr Qual-Computer Svc
					81922110	7101.4 · Prod Monitor-Computer
TOTAL						125.00
	Bill Pmt -Check	10/15/2018	21088	DE BOOM, NATHAN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg
	Bill	09/13/2018	9/13 Ag Pool Mtg		9/13/18 Ag Pool Meeting	8411 · Compensation
					9/13/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special
TOTAL						125.00
	Bill Pmt -Check	10/15/2018	21089	EUROFINS EATON ANALYTICAL		1012 · Bank of America Gen'l Ckg
	Bill	10/05/2018	L0415880		L0415880	7103.5 · Grdwtr Qual-Lab Svcs
	Bill	10/10/2018	L0416705		L0416705	7103.5 · Grdwtr Qual-Lab Svcs
	Bill	10/11/2018	L0416909		L0416909	7103.5 · Grdwtr Qual-Lab Svcs
	Bill	10/11/2018	L0416908		L0416908	7103.5 · Grdwtr Qual-Lab Svcs
TOTAL						4,881.00
	Bill Pmt -Check	10/15/2018	21090	FIRST LEGAL NETWORK LLC	40021383	1012 · Bank of America Gen'l Ckg
	Bill	09/30/2018	40021383		Court filing on 9/09/18	6061.5 · Court Filing Services
TOTAL						77.94

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Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAL						77.94
Bill Pmt -Check	10/15/2018	21091	JOHN J. SCHATZ	Legal Services	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2018			Appropriative Pool Legal Services - Sept. 2018	8367 · Legal Service	6,936.00
TOTAL						6,936.00
Bill Pmt -Check	10/15/2018	21092	MOUNTAIN VIEW GLASS & MIRROR	63263	1012 · Bank of America Gen'l Ckg	
Bill	10/11/2018	63263		Glass top for cabinet-Turner Conference Room	6031.7 · Other Office Supplies	118.60
TOTAL						118.60
Bill Pmt -Check	10/15/2018	21093	PITNEY BOWES GLOBAL FINANCIAL SERVICE 3102504179		1012 · Bank of America Gen'l Ckg	
Bill	10/11/2018	3102504179		Postage meter lease	6044 · Postage Meter Lease	399.35
TOTAL						399.35
Bill Pmt -Check	10/15/2018	21094	TELLEZ-FOSTER, EDGAR	Employee Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	10/11/2018			Reimbursement for field staff meetings, tolls	6909.1 · OBMP Meetings	151.78
TOTAL						151.78
Bill Pmt -Check	10/15/2018	21095	U S POSTMASTER	Postage Due Account	1012 · Bank of America Gen'l Ckg	
Bill	10/11/2018			Replenish Postage Due account	6042 · Postage - General	20.00
TOTAL						20.00
Bill Pmt -Check	10/15/2018	21096	WELL TEC SERVICES	203929	1012 · Bank of America Gen'l Ckg	
Bill	10/09/2018	203929		Replace damaged pump/piping-monitoring well	7104.6 · Grdwtr Level-Supplies	5,862.40
TOTAL						5,862.40
Bill Pmt -Check	10/15/2018	21097	YUKON DISPOSAL SERVICE	21136525395	1012 · Bank of America Gen'l Ckg	
Bill	10/01/2018	21136525395		Disposal Service - October 2018	6024 · Building Repair & Maintenance	117.14
TOTAL						117.14
General Journal	10/20/2018	10/20/2018	Payroll and Taxes for 10/07/18-10/20/18	Payroll and Taxes for 10/07/18-10/20/18	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 10/07/18-10/20/18	1012 · Bank of America Gen'l Ckg	29,224.06
				Payroll Taxes for 10/07/18-10/20/18	1012 · Bank of America Gen'l Ckg	9,800.39
			ICMA-RC	457(b) Employee Deductions for 10/07/18-10/20/18	1012 · Bank of America Gen'l Ckg	4,615.57
			ICMA-RC	401(a) Employee Deductions for 10/07/18-10/20/18	1012 · Bank of America Gen'l Ckg	1,460.02
TOTAL						45,100.04
Bill Pmt -Check	10/23/2018	21098	ACCENT COMPUTER SOLUTIONS, INC.	123464	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2018	123464		Balance due-Nelson dekstop	6055 · Computer Hardware	899.20
TOTAL						899.20

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/23/2018	21099	CUCAMONGA VALLEY WATER DISTRICT	Office Lease	1012 · Bank of America Gen'l Ckg	
Bill	10/16/2018			Office lease due November 1, 2018	1422 · Prepaid Rent	6,866.54
TOTAL						<u>6,866.54</u>
Bill Pmt -Check	10/23/2018	21100	EUROFINS EATON ANALYTICAL		1012 · Bank of America Gen'l Ckg	
Bill	09/17/2018	L0412501		L0412501	7108.41 · Hydraulic Control - PBHSP	1,075.00
Bill	09/28/2018	L0414700		L0414700	7108.41 · Hydraulic Control - PBHSP	175.00
Bill	10/09/2018	L0416478		L0416478	7103.5 · Grdwtr Qual-Lab Svcs	2,642.00
TOTAL						<u>3,892.00</u>
Bill Pmt -Check	10/23/2018	21101	FRONTIER COMMUNICATIONS	909-484-3890-050914-5	1012 · Bank of America Gen'l Ckg	
Bill	10/19/2018	90948438900509145		Office fax	6022 · Telephone	145.19
TOTAL						<u>145.19</u>
Bill Pmt -Check	10/23/2018	21102	GREAT AMERICA LEASING CORP.	23544148	1012 · Bank of America Gen'l Ckg	
Bill	10/17/2018	23544148		Invoice for October 2018	6043.1 · Ricoh Lease Fee	2,605.07
TOTAL						<u>2,605.07</u>
Bill Pmt -Check	10/23/2018	21103	LEGAL SHIELD	0111802	1012 · Bank of America Gen'l Ckg	
Bill	10/19/2018			Employee deductions - October 2018	60194 · Other Employee Insurance	79.70
TOTAL						<u>79.70</u>
Bill Pmt -Check	10/23/2018	21104	LOEB & LOEB LLP	1792840	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2018	1792840		Non-Ag Pool Legal Services - September 2018	8567 · Non-Ag Legal Service	17,031.60
TOTAL						<u>17,031.60</u>
Bill Pmt -Check	10/23/2018	21105	PETTY CASH	2751-2760	1012 · Bank of America Gen'l Ckg	
Bill	10/17/2018	2751-2760		Miscellaneous office supplies, painting supplies	6031.7 · Other Office Supplies	239.36
				Lunch for GM, counsel, staff -SY Reset mtg.	6909.1 · OBMP Meetings	30.37
				Printing pictures for framing-Annual Report covers	1840 · Capital Assets	64.22
				Supplies welcome breakfast for AJ and DH	6141.3 · Admin Meetings	33.20
TOTAL						<u>367.15</u>
Bill Pmt -Check	10/23/2018	21106	PREMIERE GLOBAL SERVICES	26532416	1012 · Bank of America Gen'l Ckg	
Bill	09/28/2018	26532416		Call on 9/05	6909.1 · OBMP Meetings	6.20
				Non-Ag Pool mtg call on 9/13	8512 · Meeting Expense	26.01
				Test on 9/18	6022 · Telephone	6.18
				Test on 9/18	6022 · Telephone	6.17
				Test on 9/18	6022 · Telephone	6.18
				Test on 9/19	6022 · Telephone	6.18
				Test on 9/20	6022 · Telephone	6.18

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CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
October 2018

For Informational Purposes Only

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Type	Date	Num	Name	Memo	Account	Paid Amount
				Test on 9/20	6022 · Telephone	6.18
				Test on 9/21	6022 · Telephone	6.19
				Service Fee - General	6022 · Telephone	49.00
				Service Fee - Confidential	6022 · Telephone	49.00
				Pomona extensometer call on 8/27	6909.1 · OBMP Meetings	7.75
				Prop 1 meeting preparation call on 8/28	6909.1 · OBMP Meetings	10.54
				Prop 1 data requests call on 8/31	6909.1 · OBMP Meetings	6.67
				WM coordination call on 9/10	6909.1 · OBMP Meetings	18.18
				Appropriative Pool mtg check call on 9/12	8312 · Meeting Expenses	6.18
				Ag Pool mtg check call on 9/12	8412 · Meeting Expenses	6.18
				Non-Ag Pool mtg check call on 9/12	8512 · Meeting Expense	6.19
				Test on 9/17	6022 · Telephone	6.18
				Test on 9/17	6022 · Telephone	6.20
				Test on 9/17	6022 · Telephone	6.18
				Test on 9/17	6022 · Telephone	6.18
				Test on 9/17	6022 · Telephone	6.18
				Test on 9/18	6022 · Telephone	6.19
				Test on 9/18	6022 · Telephone	6.18
				Test on 9/19	6022 · Telephone	6.19
				Test on 9/20	6022 · Telephone	6.18
				Test on 9/20	6022 · Telephone	6.18
				Test on 9/20	6022 · Telephone	6.18
				Test on 9/20	6022 · Telephone	6.21
				Test on 9/21	6022 · Telephone	6.19
				Test on 9/21	6022 · Telephone	6.18
				40th anniversary prep call on 9/21	6909.1 · OBMP Meetings	25.67
				Board agenda preview call on 9/21	6312 · Meeting Expenses	18.57
				Service Fee	6022 · Telephone	13.96
				Test on 9/21	6022 · Telephone	6.18
TOTAL						<u>392.32</u>
Bill Pmt -Check	10/23/2018	21107	STAULA, MARY L	Retiree Medical	1012 · Bank of America Gen'l Ckg	
Bill	10/31/2018			Retiree Medical	60182.4 · Retiree Medical	25.17
TOTAL						<u>25.17</u>
Bill Pmt -Check	10/23/2018	21108	UNITED HEALTHCARE	052558101160	1012 · Bank of America Gen'l Ckg	
Bill	10/17/2018	052558101160		Dental Insurance Premium - November 2018	60182.2 · Dental & Vision Ins	683.07
TOTAL						<u>683.07</u>
Bill Pmt -Check	10/23/2018	21109	VERIZON WIRELESS	9815877696	1012 · Bank of America Gen'l Ckg	

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
October 2018

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	10/19/2018	9815877696		Acct #470810953-00001	6022 · Telephone	392.67
				New equipment-Huynh	6022 · Telephone	577.49
TOTAL						970.16
Bill Pmt -Check	10/23/2018	21110	WESTERN MUNICIPAL WATER DISTRICT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/27/2018	9/27 Board Meeting		9/27/18 Board Meeting - Galleano attendance	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	10/23/2018	21111	ACWA	ACWA Dues for 2019	1012 · Bank of America Gen'l Ckg	
Bill	01/01/2019			ACWA Dues for July-December 2019	1433 · Prepaid Membership Dues	10,592.50
				ACWA Dues for January-June 2019	6111 · Membership Dues	10,592.50
TOTAL						21,185.00
Bill Pmt -Check	10/23/2018	21112	WILDERMUTH ENVIRONMENTAL INC		1012 · Bank of America Gen'l Ckg	
Bill	09/30/2018	2018285		2018825	6906.31 · OBMP-Pool, Adv. Board Mtgs	9,602.97
Bill	09/30/2018	2018286		2018286	6906.32 · OBMP-Other General Meetings	2,141.50
Bill	09/30/2018	2018287		2018287	6906.71 · OBMP-Data Req.-CBWM Staff	4,254.60
Bill	09/30/2018	2018288		2018288	6906.72 · OBMP-Data Req.-Non CBWM Staff	1,484.00
Bill	09/30/2018	2018289		2018289	6906.22 · Water Rights Compliance Rprting	3,819.00
Bill	09/30/2018	2018290		2018290	6906 · OBMP Engineering Services	1,191.50
Bill	09/30/2018	2018291		2018291	6906.9 · OBMP-2018 RMPU Master Update	2,916.43
Bill	09/30/2018	2018292		2018292	6906.26 · 2019 OBMP Update	5,754.63
Bill	09/30/2018	2018293		2018293	6906.73 · OBMP-Safe Yield Recalculation	16,166.00
Bill	09/30/2018	2018294		2018294	6906.15 · Integrated Model Mtgs-IEUA Cost	7,114.00
Bill	09/30/2018	2018295		2018295	6906.81 · Prepare Annual Reports	1,757.50
Bill	09/30/2018	2018296		2018296	6906.21 · State of the Basin Report	3,467.60
Bill	09/30/2018	2018297		2018297	7103.3 · Grdwtr Qual-Engineering	27,250.57
Bill	09/30/2018	2018298		2018298	7104.3 · Grdwtr Level-Engineering	23,165.63
Bill	09/30/2018	2018299		2018299	7107.2 · Grd Level-Engineering	2,691.50
Bill	09/30/2018	2018300		2018300	7402 · PE4-Engineering	17,058.89
Bill	09/30/2018	2018301		2018301	7402.10 · PE4 - Northwest MZ1 Area Proj.	19,923.44
Bill	09/30/2018	2018302		2018302	7108.31 · Hydraulic Control - PBHSP	920.60
Bill	09/30/2018	2018303		2018303	7202.2 · Engineering Svc	8,853.80
Bill	09/30/2018	2018304		2018304	7502 · PE6&7-Engineering	15,950.20
Bill	09/30/2018	2018284		2018284	7510 · PE6&7-IEUA Salinity Mgmt. Plan	3,750.60
Bill	09/30/2018	2018305		2018305	7602 · PE8&9-Engineering	25,633.81
TOTAL						204,868.77
Bill Pmt -Check	10/25/2018	ACH 102518	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
Bill	10/01/2018	15444013		Annual Unfunded Accrued Liability Plan 3299	60180 · Employers PERS Expense	5,456.55
TOTAL						5,456.55

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CHINO BASIN WATERMASTER
 Cash Disbursements For The Month of
 October 2018

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/25/2018	ACH 102518	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	10/20/2018	10/20/2018	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 10/07/18-10/20/18	2000 · Accounts Payable	<u>7,373.28</u>
TOTAL						<u>7,373.28</u>
					Total Disbursements:	<u><u>1,101,200.75</u></u>

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CHINO BASIN WATERMASTER

IV. INFORMATION

2. Recharge Investigations and Projects Committee (RIPCom)

Recharge Investigations and Projects

Committee Meeting

Agenda

When: Thursday, October 18, 2018 @ 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
 - b) Budget updates

4. RMPU Implementation updates
 - a) 2018 RMPU

Next Recharge Investigations and Projects Committee (RIPCom) Meeting Date: Thursday, January 17, 2019 @ 9:30 a.m.

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Non-RMPU Ongoing Projects



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**GWR AND RW SCADA UPGRADES
PROJECT NO. EN14047
STATUS UPDATE: October 9, 2018**

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 Budget</u>		<u>Actual Cost to Date</u>		
	\$892,000		\$768,150		
<u>Phase</u>	<u>Start</u>	<u>Finish</u>	<u>Status</u>	<u>Projected Cost</u>	<u>Actual Cost</u>
Project Development	11/11/11	02/24/14	Completed	\$422	\$422
Design	02/26/14	01/15/16	Completed	\$186,512	\$186,512
Permits	09/12/14	01/15/16	Completed	\$42	\$42
Bid and Award	01/18/16	04/20/16	Completed	\$3,461	\$3,461
Construction*	04/21/16	04/30/18	Completed	\$570,000	\$577,713
				<u>\$760,437</u>	<u>\$768,150</u>

*Projected cost was increased but remains below the project budget of \$892,000.

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

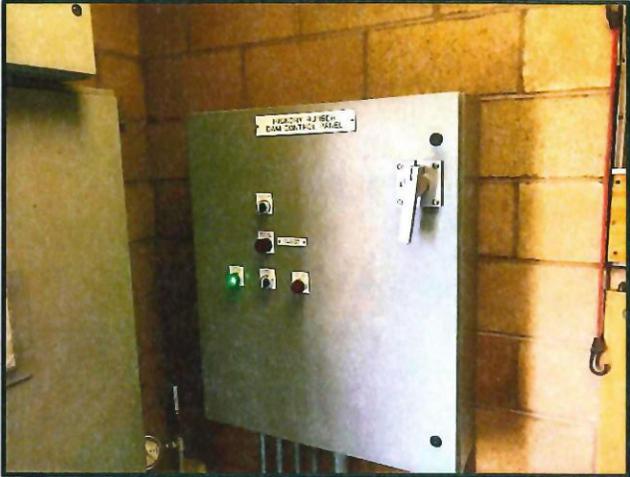
Project Update:

Project completed. Watermaster is awaiting final invoicing.

Project Photos:



San Sevaine Turnout control panel



Rubber Dam control panel



**UPPER SANTA ANA RIVER WATERSHED HABITAT CONSERVATION PLAN
PROJECT NO. RW15002
STATUS UPDATE: October 9, 2018**

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

Schedule:

<u>Project Budget</u>	<u>Actual Cost to Date</u>
\$160,000	\$141,121

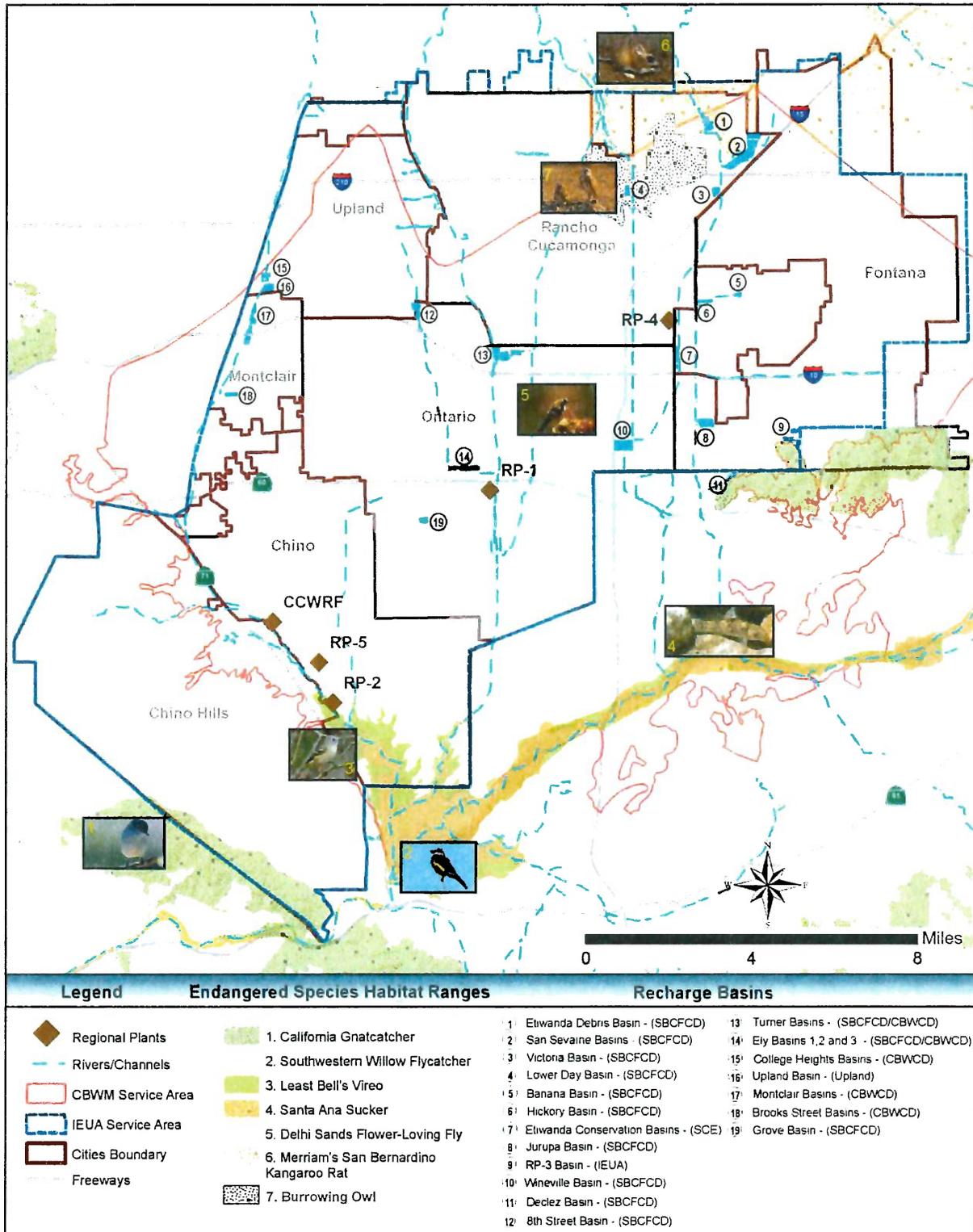
<u>Phase</u>	<u>Start</u>	<u>Finish</u>	<u>Status</u>	<u>Projected Cost</u>	<u>Actual Cost</u>
Investigate/Plan	07/01/14	12/31/19	In Progress	\$160,000	\$141,121
				\$160,000	\$141,121

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

Project Update:

There are no major updates since the previous status report. IEUA and Watermaster continues to work with the HCP team to complete the study. Per the Project Manager, the finish date is pushed to Dec. 2019 to address delays from other project partners. This delay is not expected to increase the project budget.

This will be removed for future updates since this is outside of RMPU and capital related projects.



RMPU PROJECTS



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SAN SEVAINE IMPROVEMENTS PROJECT
PROJECT NO. EN13001
STATUS UPDATE: October 9, 2018

As part of the 2013 Amendment to the 2010 Recharge Master Plan Update (RMPU), this project will evaluate, design, and construct basin improvements needed to maximize infiltration and recharge capture at the San Sevaire Basins. The final recommendation from the preliminary development report proposes to implement: (1) a new stormwater / recycled water pump station in Basin 5, (2) directly 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 Budget</u> \$6,460,000	<u>Actual Cost to Date</u> \$5,066,712
--------------------------------------	---

<u>Phase</u>	<u>Start</u>	<u>Finish</u>	<u>Status</u>	<u>Projected Cost</u>	<u>Actual Cost</u>
Pre-design	10/01/12	05/14/15	Completed	\$160,000	\$159,898
Environmental Impact	06/26/13	01/20/16	Completed	\$30,000	\$24,283
Design	05/15/15	12/12/16	Completed	\$500,000	\$555,899
Permits	05/15/13	01/31/18	Completed	\$25,000	\$25,000
Bid and Award	12/13/16	09/20/17	Completed	\$5,000	\$5,000
Construction	09/21/17	09/21/18	Completed	\$5,740,000	\$4,296,632
				\$6,460,000	\$5,066,712

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. Awarded Clean Water State Revolving Fund (SRF) for the construction of the project. This awarded financing includes a \$2.5 million forgiveness grant against the principal.

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)
- 2nd Amendment Task Order No. 8 of the Master Agreement of 2014 (May 2017)

Project Update:

- Extended time in receiving the final electrical plans from Southern California Edison to provide electrical power to the new improvements within the Basin. This portion of work will be re-bid with another contractor to complete Edison conduit.
- Extended time in finalizing the required motor control center and motor starter. The electrical supplier is resubmitting the equipment details to confirm that the proposed products meet specifications. Earlier submittals failed to meet the Engineer's approval. This resulted in an extended time to discuss and investigate other options. This effort found the other alternatives to be too costly and could push the scheduled out by 12 to 16 weeks. Staff immediately requested the supplier to revisit their initial submittal and provide the products that can meet the required specifications. Since the material have not been ordered, the extended submittal may push the electrical schedule out by 6 weeks. The contractor is reviewing the overall schedule to evaluate the impact to the completion date.
- Unforeseen field conditions resulted in the following added scope to the contractor:
 - An unmarked storm drain pipe impacted the pipe placement and needed to be rejected.
 - Another storm drain pipe was discovered in a different location and needed to be adjusted.
 - Abandon a SCE metering system for an existing recharge controller and combine the existing system to the new metering and electrical panel under the new basin improvements. Edison is requiring a single meter instead of two for the area. Additional wiring and electrical equipment are required to connect the existing system to the new.

Construction Activities Photos:



Completed Stormwater Outlet Structure in Basin 3



Installation of new strainer and control valve at the Recycled Turnout

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The following are the planned expenses and cost to date for deferred RMPU projects:

Project/Phase	Planned Expenses	Actual Cost (to date)
East Declez		
Project Development	\$114,000	\$112,445
Sub-Total	\$114,000	\$112,445
Declez Basin (PID 27)		
Project Development	\$2,600	\$2,600
Preliminary Design	\$71,000	\$3,913
Environmental	\$31,400	
Sub-Total	\$105,000	\$6,513
Turner Basin (PID 14)		
Project Development	\$1,000	\$1,000
Preliminary Design	\$28,400	\$1,605
Environmental	\$12,600	
Sub-Total	\$42,000	\$2,605
Ely Basin (PID 15a)		
Project Development	\$5,900	\$5,900
Preliminary Design	\$159,600	\$8,738
Environmental	\$70,500	
Sub-Total	\$236,000	\$14,638
CSI Basin (PID 18a)		
Project Development	\$2,000	\$2,000
Preliminary Design	\$47,000	\$47,000
Environmental	\$14,017	\$14,017
Sub-Total	\$63,017	\$63,017
Total	\$560,017	\$199,218

Grant/Loan Update:

RMPU Project	Funding Programs	Received Grant
Lower Day Basin (PID 12)	Grant Prop. 84 DWR/SAWPA	\$750,000
	USBR - Grant	\$375,000
RP-3 Basin (PID23a)	USBR - Grant	\$300,000
	SWRCB - Stormwater Grant	\$743,350
Wineville/Jurupa/Force Main (PID 23a)	SWRCB - Stormwater Grant	\$7,498,100
	USBR – Drought Resiliency Grant	\$750,000
Montclair Basin (PID 2)	-	-
Victoria Basin (PID 11)	-	-
	Received Total	\$10,416,450

IEUA recently received a \$750,000 United State Bureau of Reclamation (USBR) WaterSMART Drought Resiliency Construction grant award for the Chino Basin Watermaster’s RMPU Project 23a - Wineville, Jurupa and RP-3 Basins Improvement Project (Project). The grants team is

working with the State Water Board on a Clean Water SRF loan for the remaining balance of the entire 2013 RMPU project package.

Cost Sharing Document:

- Task Order No. 1 of the Master Agreement of 2014 (Design Projects)
- 1st Amendment Task Order No. 1 of the Master Agreement of 2014 (Design Projects)
- 2nd Amendment Task Order No. 1 of the Master Agreement of 2014 (Design Projects)
- 2nd Amendment Task Order No. 1 of the Master Agreement of 2014 (Deferred Projects)
- Task Order No. 2 of the Master Agreement of 2014 (PID 12)
- 1st Amendment Task Order No. 2 of the Master Agreement of 2014 (PID 12)
- Task Order No. 9 of the Master Agreement of 2014 (PID 23a)
- Task Order No. 10 of the Master Agreement of 2014 (PID 11)
- Task Order No. 11 of the Master Agreement of 2014 (PID 2)

Overview of Task Orders’ cost sharing amount with grants:

Deferred Projects (Task Order No.1)	Total
Watermaster	\$497,000
IEUA	\$0
Total	\$497,000
Lower Day Basin (Task Order No. 2)	Total
Watermaster	\$2,883,000
IEUA	\$0
Grant Funding	\$1,125,000
Total	\$4,008,000
PID 23a (Task Order No. 9)	Total
Watermaster	\$7,554,135
IEUA	\$387,315
SWRCB Grant	\$8,241,450
USBR Grant	\$300,000
Total	\$16,482,900
Victoria Basin (Task Order No. 10)	Total
Watermaster	\$84,400
IEUA	\$84,400
Total	\$168,800
Montclair Basin (Task Order No. 11)	Total
Watermaster	\$1,788,100
IEUA	\$0
Total	\$1,788,100
CSI Basin (Task Order No. 12)	Total
Watermaster	\$63,017
IEUA	\$0
Total	\$63,017

PID 23a Task Order
Task Order amendment required to include additional grant funds

CSI Basin Task Order
Task Order amendment required to remove CSI and show remaining cost (updated further)

Project Update:

- 1) The following are updates to each of the on-going RMPU projects:
 - a) Victoria Basin – In construction.
 - b) Wineville/Jurupa Storm Water Distribution Pipeline – Received Flood Control District permit comments. Currently finalizing the design. A resubmittal with the District is required. This will push the schedule as shown.
 - c) Montclair Basin – Army Corps provide permit review comments. Currently finalizing the design plans. A resubmittal with the Corps is requested. This will push schedule as shown.
 - d) Lower Day Basin – Flood Control comments were received. The engineer is finalizing the design plans. A resubmittal of the plans is required. This will push the schedule as shown.

- 2) The following is an update to the RMPU’s RP-3 Basin Improvement Project:
 - a) Awarded the Demolition and Excavation contract to James McMinn, Inc.
 - b) Demo work completed. Excavation pending.
 - c) The remaining Basin Improvement at RP-3 will be combined with other RMPU projects to seek more competitive pricing.

- 3) Update on Clean Water State Revolving Fund (CWSRF) Application (loan assistance for water quality improvement project) – IEUA staff submitted all required application forms to the State Water Board. As discussed, IEUA is expecting SRF funding to be available under the following fiscal year (Fiscal Year 19/20). Notification of funding is expected on April 2019.

- 4) Regulatory Permits Update – The following three regulatory agencies: California Department of Fish & Wildlife, Santa Ana Regional Water Quality Control Board and US Army Corps of Engineers are being notified of the projects. Awaiting a response to projects notification.

Schedule

Lower Day (PID 12), Wineville/Jurupa/Force main (PID 23a) & Montclair Basin (PID 2):

<u>Phases</u>	<u>Start</u>	<u>Finish</u>	<u>Status</u>
Project Development	07/01/14	12/17/14	Completed
Preliminary Design	12/18/14	06/21/17	Completed
Environmental	12/18/14	12/31/17	Completed
Permits	06/22/17	11/30/18	In Progress
Design	12/18/14	11/30/18	In Progress
Bid and Award	12/03/18	04/17/19	Not Started
Construction	04/18/19	09/30/20	Not Started

Schedule – Victoria Basin (PID 11) :

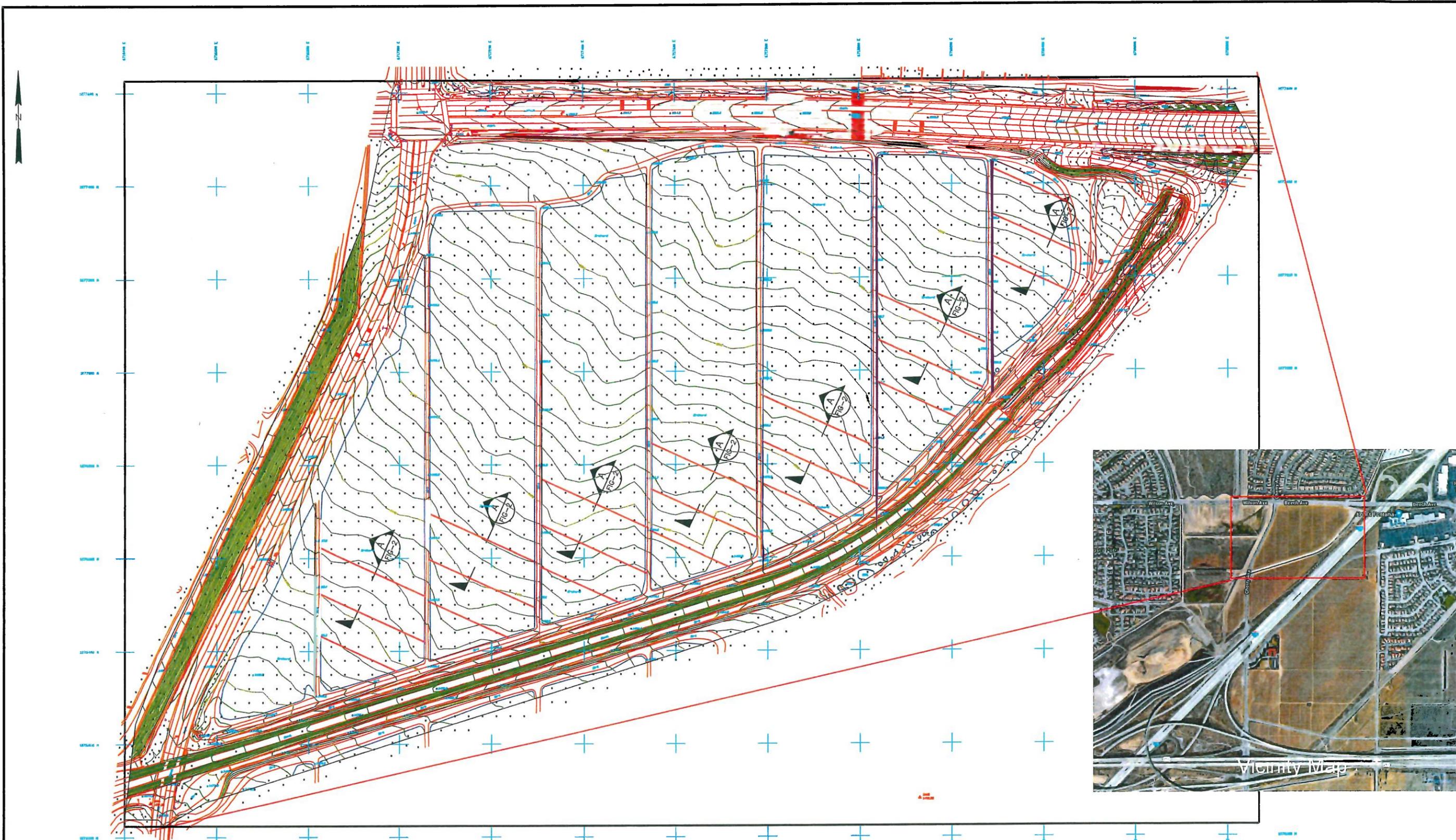
<u>Phases</u>	<u>Start</u>	<u>Finish</u>	<u>Status</u>
Project Development	07/01/14	12/17/14	Completed
Preliminary Design	12/18/14	06/21/17	Completed
Environmental	12/18/14	12/31/17	Completed
Permits	06/22/17	08/07/18	In Progress
Design	12/18/14	08/07/18	In Progress
Bid and Award	08/08/18	12/19/18	Not Started
Construction	12/20/18	12/31/19	Not Started

Schedule – RP-3 Basin (PID 23a):

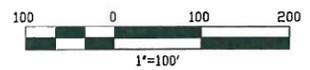
<u>Phases</u>	<u>Start</u>	<u>Finish</u>	<u>Status</u>
Project Development	07/01/14	12/17/14	Completed
Preliminary Design	12/18/14	06/21/17	Completed
Environmental	12/18/14	12/31/17	Completed
Permits	06/22/17	01/09/18	Completed
Design	12/18/14	12/14/17	Completed
Bid and Award	01/10/18	06/20/18	In-Progress
Construction	06/21/18	12/31/19	Not Started

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OVERALL PLAN



REV.	DATE	BY	DESCRIPTION

Designed	J.I./J.N.	10/17/18
Drawn	J.N.	10/17/18
Checked	IEUA	10/17/18

RECOMMENDED BY:	DATE
JOEL IGNACIO P.E.	
PROJECT MANAGER	P195

SCALE
AS SHOWN
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 0" 1"



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 6075 Kimball Avenue
 Chino, California 91708
 Telephone (909) 993-1600

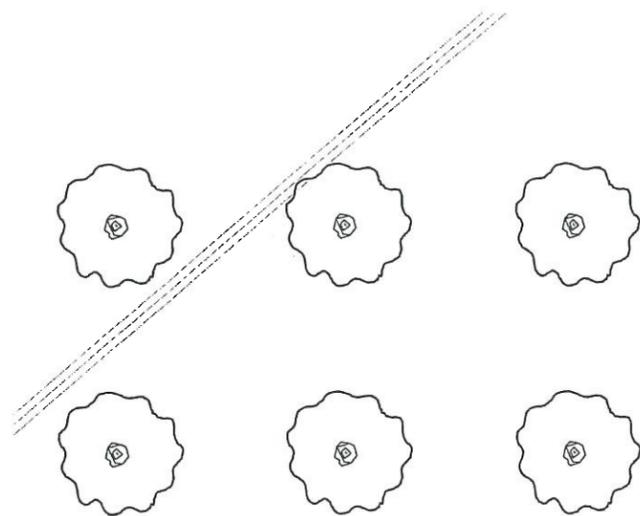
MAILING ADDRESS
 Post Office Box 9020
 Chino Hills, California 91709

PRELIMINARY 10/17/18		SHEET
ACAMPO VINEYARD		FIG-1
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		2 OF 2
		DRAWING NO.



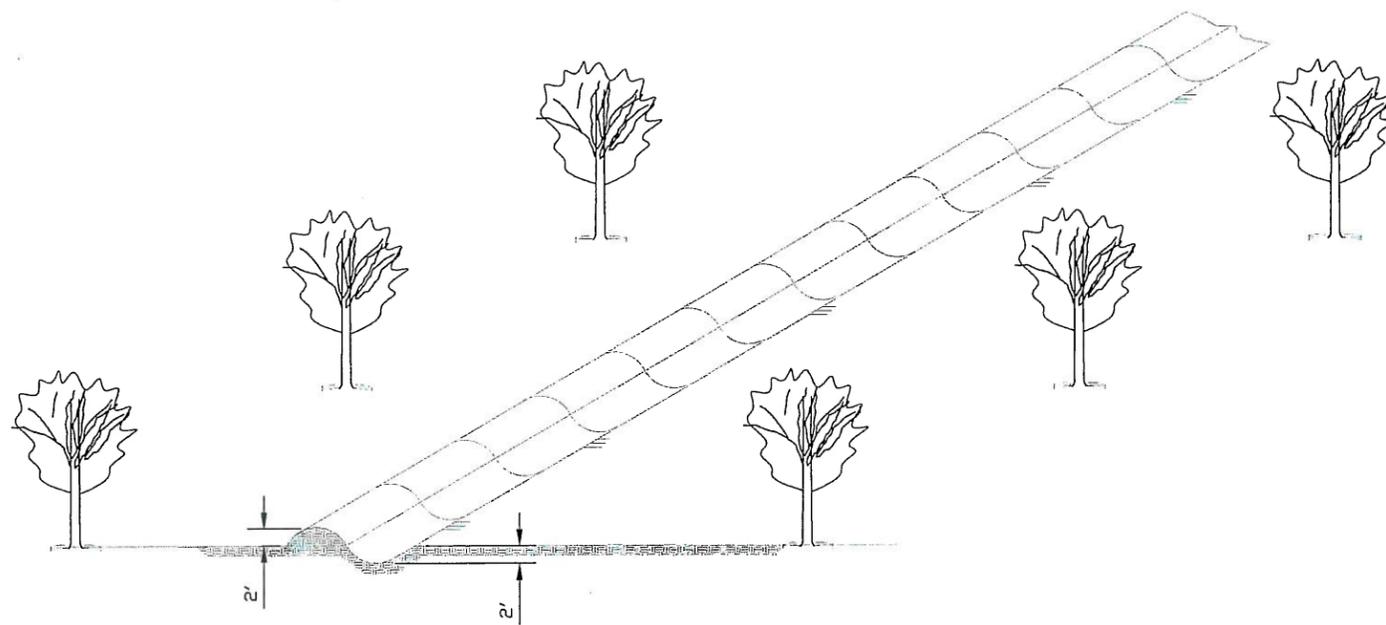
SECTION - PROFILE
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A
FIG-1



PLAN
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B
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ISOMETRIC - PLAN
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C
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REV.	DATE	BY	DESCRIPTION

Designed	J.L./J.N.	10/17/18
Drawn	J.N.	10/17/18
Checked	IEUA	10/17/18
		Date

RECOMMENDED BY:	DATE
JOEL IGNACIO P.E.	
PROJECT MANAGER	
P196	

SCALE
AS SHOWN
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8075 Kimball Avenue
Chino, California 91708
Telephone (909) 993-1600
MAILING ADDRESS
Post Office Box 8020
Chino Hills, California 91709

PRELIMINARY 10/17/18		SHEET FIG-2
ACAMPO VINEYARD		SHEET NO. 2 OF 2
		DRAWING NO.

HYACAMPO VINEYARD\PILOT-2.dwg, 10/17/2018 5:17:53 PM, jinguyen, DWG To PDF.plt

Recharge Investigation and Projects Committee, PAGE 1 OF 3

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14
Project Name (Project ID) (Cost Sharing Task Order)	IEUA Project No.	Project Cost To Date	Approved Budget	COST SHARE		BUDGET ALLOCATION			IEUA PROJECT COSTS		CBWM PROJECT COSTS			
				IEUA	CBWM	Grant Funding	IEUA	CBWM	Share on Actual Cost To Date	Remaining Balance	Share on Actual Cost To Date	Invoices Paid To Date	Remaining Balance	
Pre-RMPU Ongoing Projects														
GWR SCADA Upgrades (7690.61) (Task No. 4) ¹	EN14047.00	\$ 768,150	\$ 892,000	50%	50%	\$ 139,650	\$ 376,175	\$ 421,875	\$ 323,945	\$ 52,230	\$ 384,075	\$ 376,175	\$ 45,700	
COMMUNICATION Upgrades (7690.62) (Task No. 3)	EN12019.00	\$ 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 HCP (7690.70) (Task No. 7)	RW15002.00	\$ 141,121	\$ 160,000	50%	50%	\$ -	\$ 80,000	\$ 80,000	\$ 70,561	\$ 9,440	\$ 70,560.50	\$ 59,937	\$ 20,063	
SUBTOTAL PRE-RMPU PROJECTS		\$ 2,136,367	\$ 2,279,096	---	---	\$ 332,500	\$ 973,298	\$ 1,018,998	\$ 911,628	\$ 61,670	\$ 971,759	\$ 962,187	\$ 56,811	
RMPU Projects														
San Sevaine Improvements PID7 (7690.40) (Task No. 8)	EN13001.00	\$ 5,066,712	\$ 6,460,000	50%	50%	\$ 3,625,000	\$ 1,417,500	\$ 1,417,500	\$ 1,111,775	\$ 305,725	\$ 1,111,775	\$ 368,410	\$ 1,049,090	
<i>Lower Day Basin Improvement PID12 (7690.8) (Task No. 2) *</i>	RW15004.00	\$ 486,036	\$ 4,008,000	0%	100%	\$ 1,125,000	\$ -	\$ 2,883,000	\$ -	\$ -	\$ 486,036	\$ 323,712	\$ 2,559,288	
<i>East Decluz (7690.16) (1st Amendment - Task No. 1) *</i>	RW15003.01	\$ 112,445	\$ 114,000	0%	100%	\$ -	\$ -	\$ 114,000	\$ -	\$ -	\$ 112,445	\$ 112,445	\$ 1,555	
<i>Decluz Basin PID 27 (7690.21) (Task No. 1) *</i>	RW15003.00	\$ 6,513	\$ 105,000	0%	100%	\$ -	\$ -	\$ 105,000	\$ -	\$ -	\$ 6,513	\$ 6,513	\$ 98,487	
<i>Turner Basins PID14 (7690.21) (Task No. 1) *</i>	RW15003.00	\$ 2,605	\$ 42,000	0%	100%	\$ -	\$ -	\$ 42,000	\$ -	\$ -	\$ 2,605	\$ 2,605	\$ 39,395	
<i>Ely Basin PID15a (7690.21) (Task No. 1) *</i>	RW15003.00	\$ 14,638	\$ 236,000	0%	100%	\$ -	\$ -	\$ 236,000	\$ -	\$ -	\$ 14,638	\$ 14,638	\$ 221,362	
<i>Victoria Basin Improvements PID11 (7690.25) (Task No. 10) *</i>	RW15003.02	\$ 56,335	\$ 168,800	50%	50%	\$ -	\$ 84,400	\$ 84,400	\$ 28,168	\$ 56,233	\$ 28,168	\$ 13,816	\$ 70,584	
<i>Montclair Basin Improvements PID2 (7690.26) (Task No.11) *</i>	RW15003.03	\$ 311,116	\$ 1,788,100	0%	100%	\$ -	\$ -	\$ 1,788,100	\$ -	\$ -	\$ 311,116	\$ 152,600	\$ 1,635,500	
<i>CSI Basin Improvements PID 18a (7690.27) (Task No. 12) *</i>	RW15003.04	\$ 63,017	\$ 966,000	0%	100%	\$ -	\$ -	\$ 966,000	\$ -	\$ -	\$ 63,017	\$ 30,909	\$ 935,091	
<i>RP3 Basin Improvements PID23a (7690.35) (Task No. 9) *</i>	RW15003.05	\$ 258,675	\$ 1,486,700	50%	50%	\$ 712,070	\$ 387,315	\$ 387,315	\$ 129,338	\$ 257,978	\$ 129,338	\$ 63,439	\$ 323,876	
<i>Wineville Basin Improvements PID23a (7690.36) (Task No. 9) *</i>	RW15003.06		\$ 3,588,000	0%	100%	\$ 1,895,530	\$ -	\$ 1,692,470	\$ -	\$ -	\$ 552,608	\$ 271,049	\$ 1,421,421	
<i>Jurupa Basin Improvements PID23a (7690.36) (Task No. 9) *</i>	RW15003.06	\$ 2,309,650	\$ 1,424,000	0%	100%	\$ 741,730	\$ -	\$ 682,270	\$ -	\$ -	\$ 219,318	\$ 107,574	\$ 574,696	
<i>Wineville/Jurupa Force Main PID 23a (7690.36) (Task No. 9) *</i>	RW15003.06		\$ 9,984,200	0%	100%	\$ 5,192,120	\$ -	\$ 4,792,080	\$ -	\$ -	\$ 1,537,723	\$ 754,239	\$ 4,037,841	
Post 2014 Storm Water Recharge Program *		\$ 3,621,030	\$ 23,910,800			\$ 9,666,450	\$ 471,715	\$ 13,772,635	\$ 157,505	\$ 314,210	\$ 3,463,525	\$ 1,853,539	\$ 11,919,096	
SUBTOTAL RMPU PROJECTS	---	\$ 8,687,742	\$ 30,370,800	---	---	\$ 13,291,450	\$ 1,889,215	\$ 15,190,135	\$ 1,269,280	\$ 619,935	\$ 4,575,300	\$ 2,221,949	\$ 12,968,186	
GRAND TOTALS	---	\$ 10,824,109	\$ 32,649,896	---	---	\$ 13,623,950	\$ 2,862,513	\$ 16,209,133	\$ 2,180,908	\$ 681,605	\$ 5,547,059	\$ 3,184,136	\$ 13,024,998	

NOTES:

¹ 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.

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	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16
	CBWM Fiscal Year 2018/19											CBWM Future Years				
Project Name	CURRENT YEAR CBWM BUDGET					CURRENT YEAR CBWM ACTUALS					CBWM FUTURE BUDGET NEEDS					
	Budget Carry-Over	Approved Budget	Approved Budget (Not Assessed or Collected)	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	CBWM Remaining Projected Costs	Budget Amendment Required? (Yes/No)	Projected CarryOver Funds FY 2018/19	Fiscal Year 2019/20	Fiscal Year 2020/21	Fiscal Year 2021/22	Fiscal Year 2022/23	
Pre RMPU Ongoing Projects																
GWR SCADA Upgrades (7690.61) (Task No. 4)	\$ 75,290	\$ -		\$ -	\$ 75,290	\$ 29,590	\$ 45,700	\$ -	\$ 45,700	No	\$ -	\$ -	\$ -	\$ -	\$ -	
COMMUNICATION Upgrades (7690.62) (Task No. 3)	\$ (8,952)	\$ -		\$ -	\$ (8,952)	\$ -	\$ (8,952)	\$ -	\$ (8,952)	No	\$ -	\$ -	\$ -	\$ -	\$ -	
Upper Santa Ana River HCP (7690.7) (Task No. 7)	\$ 20,063	\$ -		\$ -	\$ 20,063	\$ -	\$ 20,063	\$ -	\$ 20,063	No	\$ -	\$ -	\$ -	\$ -	\$ -	
SUBTOTAL PRE-RMPU PROJECTS	\$ 86,401	\$ -		\$ -	\$ 86,401	\$ 29,590	\$ 56,811	\$ -	\$ 56,811	---	\$ -	\$ -	\$ -	\$ -	\$ -	
RMPU Projects																
San Sevaine Improvements (7690.4) (Task No. 8) ¹	\$ 2,299,090	\$ -		\$ (2,299,090)	\$ -	\$ -	\$ -	\$ 1,049,090	No	\$ -	\$ -	\$ 1,049,090	\$ -	\$ -		
Lower Day Basin Improvement Project (7690.8) (Task No. 2) * ²	\$ 5,287	\$ -	\$ -	\$ 414,541	\$ 419,828	\$ 119,828	\$ 300,000	\$ 2,559,288	No	\$ -	\$ 1,275,331	\$ 983,140	\$ 817	\$ -		
East Declerz Basin (7690.18) (1st Amendment - Task No. 1) *	\$ 1,555	\$ -		\$ -	\$ 1,555	\$ -	\$ 1,555	\$ 1,555	No	\$ -	\$ -	\$ -	\$ -	\$ -		
Declerz Basin PID 27 (7690.21) (Task No. 1) *	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ 98,487	No	\$ -	\$ 98,487	\$ -	\$ -	\$ -		
Turner Basins PID14 (7690.21) (Task No. 1) *	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ 39,395	No	\$ -	\$ 39,395	\$ -	\$ -	\$ -		
Ely Basin PID15a (7690.21) (Task No. 1) *	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ 221,362	No	\$ -	\$ 221,362	\$ -	\$ -	\$ -		
Victoria Basin Improvements PID11 (7690.25) (Task No. 10) *	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,584	No	\$ -	\$ 43,576	\$ 26,164	\$ 844	\$ -		
Montclair Basin Improvements PID2 (7690.26) (Task No.11) *	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ 1,635,500	No	\$ -	\$ 1,063,378	\$ 554,311	\$ 17,811	\$ -		
CSI Basin Improvements PID 18a (7690.27) (Task No. 12) *	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ 935,091	No	\$ -	\$ 625,971	\$ 299,460	\$ 9,660	\$ -		
RP3 Basin Improvements PID23a (7690.35) (Task No. 9) *	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 323,876	No	\$ -	\$ 323,876	\$ -	\$ -	\$ -		
Wineville Basin Improvements PID23a (7690.36) (Task No. 9) *	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ 1,421,421	No	\$ -	\$ 250,870	\$ 1,170,551	\$ -	\$ -		
Jurupa Basin Improvements PID23a (7690.36) (Task No. 9) *	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ 574,696	No	\$ -	\$ 150,345	\$ 424,351	\$ -	\$ -		
Wineville/Jurupa Force Main PID 23a (7690.36) (Task No. 9) *	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ 4,037,841	No	\$ -	\$ 1,762,174	\$ 2,210,838	\$ 64,829	\$ -		
2013 RMPU Amendment Yield Enhancement Projects (7690.15) (Task No. 1) * ³	\$ 589,923	\$ -	\$ -	\$ 690,259	\$ 1,280,182	\$ 980,182	\$ 300,000	\$ -	\$ -	No	\$ -	\$ (300,000)	\$ -	\$ -		
Post 2014 Storm Water Recharge Program *	\$ 596,765	\$ -	\$ -	\$ 1,104,800	\$ 1,701,565	\$ 1,100,010	\$ 601,555	\$ 11,919,096	No	\$ -	\$ 5,554,765	\$ 5,668,815	\$ 93,961	\$ -		
SUBTOTAL RMPU PROJECTS	\$ 2,895,855	\$ -	\$ -	\$ (1,194,290)	\$ 1,701,565	\$ 1,100,010	\$ 601,555	\$ 12,968,186	---	\$ -	\$ 5,554,765	\$ 6,717,906	\$ 93,961	\$ -		
GRAND TOTALS	\$ 2,982,256	\$ -	\$ -	\$ (1,194,290)	\$ 1,787,966	\$ 1,129,600	\$ 658,366	\$ 13,024,998	---	\$ -	\$ 5,554,765	\$ 6,717,906	\$ 93,961	\$ -		

NOTES:

¹ Funding collected in prior years for San Sevaine Improvements of \$2,299,090.18 has been reallocated to Page 3 per RIPCom recommendation during the July 2018 meeting. Budget Transfer Form T-18-07-01 for \$2,377,205.84 approved during September 2018 meetings.

² Lower Day funding of \$414,540.85 from Budget Transfer T-18-07-01 of \$78,115.66 and \$336,425.19 from Page 3. Budget Transfer Form T-18-07-01 approved during September 2018 meetings.

³ 2013 RMPU Amendment Yield Enhancement Projects funding of \$690,258.97 from Budget Transfer T-18-07-01 from Page 3. Budget Transfer Form T-18-07-01 approved during September 2018 meetings.

Columns B13-B16 \$ 12,366,632
 Column B8 \$ 658,366
 Column B10 \$ 13,024,998
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C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15
Project Name	CBWM Fiscal Year 2018/19									CBWM Future Years				
	CURRENT YEAR CBWM BUDGET				CURRENT YEAR CBWM ACTUALS					CBWM FUTURE BUDGET NEEDS				
	Budget Carry-Over	Approved Budget	Budget Amendments/ Transfers	Total Fiscal Year Budget	Actual to Date (Including Paid & Outstanding Invoices)	Remaining Balance Available	Completed Projects With Available Funds To Be Distributed ¹	CBWM Remaining Projected Costs	Budget Amendment Required? (Yes/No)	Projected CarryOver Funds FY 2018/19	Fiscal Year 2019/20	Fiscal Year 2020/21	Fiscal Year 2021/22	Fiscal Year 2022/23
Pre RMPU Ongoing Projects														
CB20 Noise Mitigation (7690.5) COMPLETED	\$ 860	\$ -	\$ (860)	\$ -	\$ -	\$ -	\$ -	\$ -	No	\$ -	\$ -	\$ -	\$ -	\$ -
Wineville Proof of Concept (7209.2) (Task No. 6) COMPLETED	\$ 35,398	\$ -	\$ (35,398)	\$ -	\$ -	\$ -	\$ -	\$ -	No	\$ -	\$ -	\$ -	\$ -	\$ -
Jurupa Pump Station (7209.1) (Task No. 5) COMPLETED	\$ 37,981	\$ -	\$ (37,981)	\$ -	\$ -	\$ -	\$ -	\$ -	No	\$ -	\$ -	\$ -	\$ -	\$ -
Hickory Basin (7690.3) COMPLETED	\$ 3,877	\$ -	\$ (3,877)	\$ -	\$ -	\$ -	\$ -	\$ -	No	\$ -	\$ -	\$ -	\$ -	\$ -
SUBTOTAL PRE-RMPU PROJECTS	\$ 78,116	\$ -	\$ (78,116)	\$ -	\$ -	\$ -	\$ -	\$ -	---	\$ -	\$ -	\$ -	\$ -	\$ -
RMPU Projects														
San Sevaine Improvements (7690.4) (Task No. 8)	\$ 2,299,090	\$ -	\$ (2,299,090)	\$ -	\$ -	\$ -	\$ -	\$ -	No	\$ -	\$ -	\$ -	\$ -	\$ -
Funds on Hold for Projects (7690.9) ¹	\$ -	\$ -	\$ 1,272,406	\$ 1,272,406	\$ -	\$ -	\$ 1,272,406	\$ -	No	\$ -	\$ -	\$ -	\$ -	\$ -
SUBTOTAL RMPU PROJECTS	\$ 2,299,090	\$ -	\$ (1,026,684)	\$ 1,272,406	\$ -	\$ -	\$ 1,272,406	\$ -	---	\$ -	\$ -	\$ -	\$ -	\$ -
GRAND TOTALS	\$ 2,377,206	\$ -	\$ (1,104,800)	\$ 1,272,406	\$ -	\$ -	\$ 1,272,406	\$ -	---	\$ -	\$ -	\$ -	\$ -	\$ -

NOTES:

¹ \$1,272,406.02 of the Funds on Hold for Projects could be (1) allocated to other projects; (2) kept in reserve; (3) used to fund debt service; or (4) refunded to the Appropriators on the next Assessment.

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