

CHINO BASIN WATERMASTER



NOTICE OF MEETINGS

Thursday, December 12, 2019

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

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

*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*

CHINO BASIN WATERMASTER

Thursday, December 12, 2019

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

POOL AGENDAS

**CHINO BASIN WATERMASTER
APPROPRIATIVE POOL MEETING**

9:00 a.m. – December 12, 2019

Mr. Van Jew, Chair

Mr. John Bosler, 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 November 14, 2019 *(Page 1)*
2. Minutes of the Appropriative Pool Special Meeting held November 27, 2019 *(Page 5)*
3. Minutes of the Appropriative Pool Special Meeting held December 2, 2019 *(Page 7)*

B. FINANCIAL REPORTS

Receive and file as presented:

1. Cash Disbursements for the month of October 2019 *(Page 23)*
2. Watermaster VISA Check Detail for the month of October 2019 *(Page 37)*
3. Combining Schedule for the Period July 1, 2019 through October 31, 2019 *(Page 41)*
4. Treasurer's Report of Financial Affairs for the Period October 1, 2019 through October 31, 2019 *(Page 45)*
5. Budget vs. Actual Report for the Period July 1, 2019 through October 31, 2019 *(Page 49)*

**C. ANNUAL FINDING OF SUBSTANTIAL COMPLIANCE WITH THE RECHARGE MASTER PLAN
*(Page 69)***

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

D. APPLICATION: RECHARGE – CUCAMONGA VALLEY WATER DISTRICT *(Page 81)*

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

E. APPLICATION: LOCAL STORAGE AGREEMENTS – APPROPRIATIVE POOL *(Page 101)*

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

F. APPLICATION: WATER TRANSACTION – SAN ANTONIO WATER COMPANY TO CUCAMONGA VALLEY WATER DISTRICT *(Page 109)*

Provide advice and assistance to the Watermaster Board on the proposed transaction:

The transfer of 174.0 acre-feet of water from San Antonio Water Company to Cucamonga Valley Water District. This transfer is made from San Antonio Water Company's Local Supplemental Account. Date of application: October 28, 2019.

II. BUSINESS ITEMS

A. FISCAL YEAR 2019/20 BUDGET AMENDMENT (FORM A-19-12-01) *(Page 117)*

Recommend Advisory Committee approval.

B. 2020 OBMP UPDATE ENVIRONMENTAL REVIEW SERVICES – CONTRACT BETWEEN CBWM AND TOM DODSON & ASSOCIATES *(Page 121)*

Offer advice and assistance to the Watermaster Board.

III. REPORTS/UPDATES

A. LEGAL COUNSEL REPORT

1. December 13, 2019 Court Hearing
2. Ely 3 Basin Complaint

B. ENGINEER REPORT

1. Safe Yield Reset
2. CASGEM Semi-Annual Filing

C. CFO REPORT

1. Status of FY 2019/20 Assessment Invoicing and Payments

D. GM REPORT

1. Status Report: OBMP Update
2. Fiscal Year 2019/20 Exhibit "G" Process
3. Other

IV. INFORMATION

1. Cash Disbursements for November 2019 *(Page 131)*

V. POOL MEMBER COMMENTS

VI. 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

VII. FUTURE MEETINGS AT WATERMASTER

12/11/19	Wed	9:00 a.m.	OBMP Update – Listening Session 8
12/12/19	Thu	9:00 a.m.	Appropriative Pool
12/12/19	Thu	11:00 a.m.	Non-Agricultural Pool
12/12/19	Thu	1:30 p.m.	Agricultural Pool
12/19/19	Thu	8:00 a.m.	Appropriative Pool Strategic Planning (Confidential Session Only)
12/19/19	Thu	9:00 a.m.	Advisory Committee
12/19/19	Thu	11:00 a.m.	Watermaster Board*
12/19/19	Thu	1:00 p.m.	OBMP Update CEQA Scoping Workshop

*Rescheduled from 12/26/19 due to the Christmas Holiday

ADJOURNMENT

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

11:00 a.m. – December 12, 2019

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 November 14, 2019 *(Page 9)*

B. FINANCIAL REPORTS

Receive and file as presented:

1. Cash Disbursements for the month of October 2019 *(Page 23)*
2. Watermaster VISA Check Detail for the month of October 2019 *(Page 37)*
3. Combining Schedule for the Period July 1, 2019 through October 31, 2019 *(Page 41)*
4. Treasurer's Report of Financial Affairs for the Period October 1, 2019 through October 31, 2019 *(Page 45)*
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**C. ANNUAL FINDING OF SUBSTANTIAL COMPLIANCE WITH THE RECHARGE MASTER PLAN
*(Page 69)***

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

D. APPLICATION: RECHARGE – CUCAMONGA VALLEY WATER DISTRICT *(Page 81)*

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

E. APPLICATION: LOCAL STORAGE AGREEMENTS – APPROPRIATIVE POOL *(Page 101)*

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

F. APPLICATION: WATER TRANSACTION – SAN ANTONIO WATER COMPANY TO CUCAMONGA VALLEY WATER DISTRICT *(Page 109)*

Provide advice and assistance to the Watermaster Board on the proposed transaction:

The transfer of 174.0 acre-feet of water from San Antonio Water Company to Cucamonga Valley Water District. This transfer is made from San Antonio Water Company's Local Supplemental Account. Date of application: October 28, 2019.

II. BUSINESS ITEMS

A. FISCAL YEAR 2019/20 BUDGET AMENDMENT (FORM A-19-12-01) (Page 117)

Recommend Advisory Committee approval.

B. 2020 OBMP UPDATE ENVIRONMENTAL REVIEW SERVICES – CONTRACT BETWEEN CBWM AND TOM DODSON & ASSOCIATES (Page 121)

Offer advice and assistance to the Watermaster Board.

C. MEMBER STATUS CHANGES (DISCUSSION AND POSSIBLE ACTION)

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

III. REPORTS/UPDATES

A. LEGAL COUNSEL REPORT

1. December 13, 2019 Court Hearing
2. Ely 3 Basin Complaint

B. ENGINEER REPORT

1. Safe Yield Reset
2. CASGEM Semi-Annual Filing

C. CFO REPORT

1. Status of FY 2019/20 Assessment Invoicing and Payments

D. GM REPORT

1. Status Report: OBMP Update
2. Fiscal Year 2019/20 Exhibit "G" Process
3. Other

IV. INFORMATION

1. Cash Disbursements for November 2019 (Page 131)

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. December 13, 2019 Court Hearing
2. Storage Management Plan

VIII. FUTURE MEETINGS AT WATERMASTER

- | | | | |
|----------|-----|------------|-----------------------------------|
| 12/11/19 | Wed | 9:00 a.m. | OBMP Update – Listening Session 8 |
| 12/12/19 | Thu | 9:00 a.m. | Appropriative Pool |
| 12/12/19 | Thu | 11:00 a.m. | Non-Agricultural Pool |
| 12/12/19 | Thu | 1:30 p.m. | Agricultural Pool |

12/19/19	Thu	8:00 a.m.	Appropriative Pool Strategic Planning (Confidential Session Only)
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12/19/19	Thu	11:00 a.m.	Watermaster Board*
12/19/19	Thu	1:00 p.m.	OBMP Update CEQA Scoping Workshop

*Rescheduled from 12/26/19 due to the Christmas Holiday

ADJOURNMENT

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**CHINO BASIN WATERMASTER
AGRICULTURAL POOL MEETING**

1:30 p.m. – December 12, 2019

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 November 14, 2019 *(Page 17)*
2. Minutes of the Agricultural Pool Special Meeting held on December 4, 2019 *(Page 21)*

B. FINANCIAL REPORTS

Receive and file as presented:

1. Cash Disbursements for the month of October 2019 *(Page 23)*
2. Watermaster VISA Check Detail for the month of October 2019 *(Page 37)*
3. Combining Schedule for the Period July 1, 2019 through October 31, 2019 *(Page 41)*
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*(Page 69)***

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

D. APPLICATION: RECHARGE – CUCAMONGA VALLEY WATER DISTRICT *(Page 81)*

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

E. APPLICATION: LOCAL STORAGE AGREEMENTS – APPROPRIATIVE POOL *(Page 101)*

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

F. APPLICATION: WATER TRANSACTION – SAN ANTONIO WATER COMPANY TO CUCAMONGA VALLEY WATER DISTRICT *(Page 109)*

Provide advice and assistance to the Watermaster Board on the proposed transaction:

The transfer of 174.0 acre-feet of water from San Antonio Water Company to Cucamonga Valley Water District. This transfer is made from San Antonio Water Company's Local Supplemental Account. Date of application: October 28, 2019.

II. BUSINESS ITEMS**A. FISCAL YEAR 2019/20 BUDGET AMENDMENT (FORM A-19-12-01)** *(Page 117)*

Recommend Advisory Committee approval.

B. 2020 OBMP UPDATE ENVIRONMENTAL REVIEW SERVICES – CONTRACT BETWEEN CBWM AND TOM DODSON & ASSOCIATES *(Page 121)*

Offer advice and assistance to the Watermaster Board.

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

1. December 13, 2019 Court Hearing
2. Ely 3 Basin Complaint

B. ENGINEER REPORT

1. Safe Yield Reset
2. CASGEM Semi-Annual Filing

C. CFO REPORT

1. Status of FY 2019/20 Assessment Invoicing and Payments

D. GM REPORT

1. Status report: OBMP Update
2. Fiscal Year 2019/20 Exhibit "G" Process
3. Other

IV. INFORMATION

1. Cash Disbursements for November 2019 *(Page 131)*

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. December 13, 2019 Court Hearing
2. Storage Contest

VIII. FUTURE MEETINGS AT WATERMASTER

12/11/19	Wed	9:00 a.m.	OBMP Update – Listening Session 8
12/12/19	Thu	9:00 a.m.	Appropriative Pool
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12/19/19	Thu	8:00 a.m.	Appropriative Pool Strategic Planning (Confidential Session Only)
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ADJOURNMENT

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CHINO BASIN WATERMASTER

I. CONSENT CALENDAR

A. MINUTES

1. Appropriative Pool Meeting held on November 14, 2019
2. Appropriative Pool Special Meeting held on November 27, 2019
3. Appropriative Pool Special Meeting held on December 2, 2019

DRAFT MINUTES
CHINO BASIN WATERMASTER
APPROPRIATIVE POOL MEETING
November 14, 2019

The Appropriative Pool meeting was held at the offices of Chino Basin Watermaster located at 9641 San Bernardino Road, Rancho Cucamonga, CA on November 14, 2019.

APPROPRIATIVE POOL MEMBERS PRESENT

Van Jew, Chair	Monte Vista Water District
Eduardo Espinoza for John Bosler	Cucamonga Valley Water District
Ron Craig	City of Chino Hills
Cris Fealy	Fontana Water Company
Josh Swift	Fontana Union Water Company
Teri Layton	San Antonio Water Company
Steve Ledbetter for Rosemary Hoerning	City of Upland
Chris Diggs	City of Pomona
Dave Crosley	City of Chino
Katie Gienger for Scott Burton	City of Ontario
Chris Berch	Jurupa Community Services District

WATERMASTER BOARD MEMBERS PRESENT

Darron Poulsen	City of Pomona
Eunice Ulloa	City of Chino

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
Frank Yoo	Water Resources Senior Associate
Camille Gregory	Administrative Assistant

WATERMASTER CONSULTANTS PRESENT

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

OTHERS PRESENT

Justin Scott-Coe	Monte Vista Water District
Mark Kinsey	Monte Vista Water District
Amanda Coker	City of Chino
Joshua Aguilar	Inland Empire Utilities Agency
Praseetha Krishnan	Cucamonga Valley Water District
Manny Martinez	Monte Vista Water District
Christopher Quach	City of Ontario
Shaun Stone	City of Ontario
John Schatz	John J. Schatz, Attorney at Law
Randy Reed	Cucamonga Valley Water District

CALL TO ORDER

Chair Jew 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 October 10, 2019
2. Minutes of the Appropriative Pool Special Meeting held October 21, 2019
3. Minutes of the Appropriative Pool Special Meeting held October 29, 2019

B. FINANCIAL REPORTS

Receive and file as presented:

1. Cash Disbursements for the month of September 2019
2. Watermaster VISA Check Detail for the month of September 2019
3. Combining Schedule for the Period September 1, 2019 through September 30, 2019
4. Treasurer's Report of Financial Affairs for the Period September 1, 2019 through September 30, 2019
4. Budget vs. Actual Report for the Period September 1, 2019 through September 30, 2019

(0:00:32)

Motion by Ms. Teri Layton, seconded by Mr. Josh Swift, and by unanimous vote

Moved to approve the Consent Calendar as presented.

II. BUSINESS ITEMS

A. FISCAL YEAR 2019/20 ASSESSMENT PACKAGE

Recommend Advisory Committee approval of the Fiscal Year 2019/20 Assessment Package as presented, including the levying of assessments for production year 2018/19 Desalter Replenishment Obligation.

(0:00:47) Mr. Kavounas introduced Mr. Yoo to give a presentation. A discussion ensued.

9:04 a.m.: Ms. Gienger joined the meeting.

(0:15:09)

Motion by Ms. Katie Gienger, seconded by Mr. Cris Fealy, and by unanimous vote

Moved to approve Business Item II.A. with the revised RTS charge as reported.

B. RESOLUTION TO LEVY REPLENISHMENT AND ADMINISTRATIVE ASSESSMENTS FOR FISCAL YEAR 2019/20

Review Resolution 2019-06 as presented, and offer advice to Watermaster.

(0:15:30) Mr. Kavounas gave a report. The Committee did not offer any advice.

C. 2018/19 ANNUAL REPORT OF THE GROUND-LEVEL MONITORING COMMITTEE

Recommend to the Advisory Committee to recommend to the Watermaster Board to approve the 2018/19 Annual Report of the Ground-Level Monitoring Committee, along with filing a copy with the Court.

(0:16:17) Mr. Malone gave a presentation. A discussion ensued.

(0:27:47)

Motion by Mr. Chris Berch, seconded by Mr. Ron Craig, and by unanimous vote

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

D. CALENDAR YEAR 2020 APPROPRIATIVE POOL VOLUME VOTE

Approve the Calendar Year 2020 Appropriative Pool Volume Vote as presented, subject to Advisory Committee and Board approval of the FY 2019/20 Assessment Package at the November 21, 2019 meetings.

(0:28:10) Ms. Nelson gave a report. A discussion ensued.

(0:28:37)

*Motion by Ms. Katie Gienger, seconded by Mr. Dave Crosley, and by unanimous vote
Moved to approve Business Item II.D. as presented.*

III. REPORTS/UPDATES

A. LEGAL COUNSEL REPORT

1. December 13, 2019 Court Hearing

(0:29:22) Mr. Herrema gave a report.

B. ENGINEER REPORT

1. Safe Yield Reset
2. Request for MS4 Data/Information

(0:30:29) Mr. Malone gave a report. A discussion ensued.

C. CFO REPORT

1. Status of Revised 2014-15 through 2018-19 Assessment Packages – Assessment Changes and DRO Assessments
2. Fiscal Year 2019/20 Assessment Invoicing

(0:33:44) Mr. Joswiak gave a report.

D. GM REPORT

1. Status report: OBMP Update
2. Status report: Storage Management Plan
3. ONAP Volume Vote
4. Other

(0:36:11) Mr. Kavounas introduced Mr. Tellez Foster to give a presentation on Item III.D.1.

(0:43:20) Mr. Kavounas gave a report on Items III.D.2. and III.D.3.

(0:51:26) Mr. Kavounas introduced Ms. Gregory to give a report on the Shoes That Fit charity. A discussion ensued.

(0:54:43) Mr. Kavounas announced Mr. Poulsen's farewell party at the Old Stump Brewery in Pomona on November 21, 2019 at 5:30 p.m.

IV. INFORMATION

1. Cash Disbursements for October 2019

V. POOL MEMBER COMMENTS

(0:56:02) Chair Jew inquired about the agenda for the December meetings.

(0:57:10) Ms. Gienger introduced the Non-Agricultural Pool representative, Mr. Shaun Stone, and alternate, Christopher Quach.

VII. CONFIDENTIAL SESSION - POSSIBLE ACTION

Chair Jew called for a confidential session at 9:58 a.m. to hold the Appropriative Pool Strategic Planning. Confidential session concluded at 11:31 a.m. with the following reportable action:

(0:58:14) As submitted by Chair Jew via email:

1. The AP rescinds its 10/10/2019 motion approving the current year AP Legal Budget be increased from \$75,000 to \$105,000, and now hereby, approves increasing the current year AP Legal Budget to \$130,000.

ADJOURNMENT

Chair Jew adjourned the Appropriative Pool meeting at 11:33 a.m.

Secretary: _____

Approved: _____

DRAFT MINUTES
CHINO BASIN WATERMASTER
APPROPRIATIVE POOL – SPECIAL MEETING
November 27, 2019

The Appropriative Pool special meeting was held via conference call using the Chino Basin Watermaster conference call number on November 27, 2019.

APPROPRIATIVE POOL MEMBERS PRESENT

Van Jew, Chair	Monte Vista Water District
Ron Craig	City of Chino Hills
Dave Crosley	City of Chino
Eduardo Espinoza for John Bosler	Cucamonga Valley Water District
Cris Fealy	Fontana Water Company
Steven Popelar for Chris Berch	Jurupa Community Services District
Scott Burton	City of Ontario

OTHERS PRESENT

Amanda Coker	City of Chino
Praseetha Krishnan	Cucamonga Valley Water District
Justin Scott-Coe	Monte Vista Water District
Katie Gienger	City of Ontario
Courtney Jones	City of Ontario
John Schatz	John J. Schatz, Attorney at Law

CALL TO ORDER

Chair Jew called the Appropriative Pool special meeting to order at 8:30 a.m.

AGENDA – ADDITIONS/REORDER

None

I. CONFIDENTIAL SESSION

Chair Jew called for a confidential session at 8:30 a.m. to discuss Appropriative Pool Strategic Planning. Confidential session concluded at 9:40 a.m. with no reportable action.

ADJOURNMENT

Chair Jew adjourned the Appropriative Pool special meeting at 9:40 a.m.

Secretary: _____

Approved: _____

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DRAFT MINUTES
CHINO BASIN WATERMASTER
APPROPRIATIVE POOL – SPECIAL MEETING
December 2, 2019

The Appropriative Pool special meeting was held via conference call using the Chino Basin Watermaster conference call number on December 2, 2019.

APPROPRIATIVE POOL MEMBERS PRESENT

Van Jew, Chair	Monte Vista Water District
Ron Craig	City of Chino Hills
Dave Crosley	City of Chino
Eduardo Espinoza for John Bosler	Cucamonga Valley Water District
Josh Swift	Fontana Union Water Company
Cris Fealy	Fontana Water Company
Chris Berch	Jurupa Community Services District
Scott Burton	City of Ontario
Teri Layton	San Antonio Water Company
Steven Ledbetter for Rosemary Hoerning	City of Upland
Chris Diggs	City of Pomona

OTHERS PRESENT

Amanda Coker	City of Chino
Praseetha Krishnan	Cucamonga Valley Water District
Steve Anderson	Best Best & Krieger, LLP
Justin Scott-Coe	Monte Vista Water District
Katie Gienger	City of Ontario
Courtney Jones	City of Ontario
John Schatz	John J. Schatz, Attorney at Law

CALL TO ORDER

Chair Jew called the Appropriative Pool special meeting to order at 10:00 a.m.

AGENDA – ADDITIONS/REORDER

None

I. CONFIDENTIAL SESSION

Chair Jew called for a confidential session at 10:00 a.m. to discuss Appropriative Pool Strategic Planning. Confidential session concluded at 10:16 a.m. with the following reportable action:

The Appropriative Pool directs counsel to prepare and file a Response to Ag Pool Pooling Plan Amendment Motion.

Motion by Mr. Ron Craig, seconded by Chair Van Jew and by unanimous vote
Moved to approve the action as shown above.

ADJOURNMENT

Chair Jew adjourned the Appropriative Pool special meeting at 10:16 a.m.

Secretary: _____

Approved: _____

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CHINO BASIN WATERMASTER

I. BUSINESS ITEM – ROUTINE

A. MINUTES

1. Non-Agricultural Pool Meeting held on November 14, 2019

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

November 14, 2019

The Non-Agricultural Pool meeting was held at the offices of Chino Basin Watermaster located at 9641 San Bernardino Road, Rancho Cucamonga, CA, and via conference call using the Chino Basin Watermaster conference call number on November 14, 2019.

NON-AGRICULTURAL POOL MEMBERS PRESENT AT WATERMASTER

Brian Geye, Chair	California Speedway Corporation
Bob Bowcock, Vice-Chair	CalMat Co.
Shaun Stone	City of Ontario (Non-Ag)

NON-AGRICULTURAL POOL MEMBERS PRESENT ON CALL

Ramsey Haddad	California Steel Industries, Inc.
Andrew Silva	County of San Bernardino (Non-Ag)

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
Frank Yoo	Water Resources Senior Associate
Camille Gregory	Administrative Assistant

WATERMASTER CONSULTANTS PRESENT AT WATERMASTER

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

OTHERS PRESENT AT WATERMASTER

Christopher Quach	City of Ontario (Non-Ag)
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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 October 10, 2019

(0:01:57) Motion introduced by Vice-Chair Bowcock. A discussion ensued.

(0:03:12) Vote Taken

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

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

Abstention by Mr. Shaun Stone – City of Ontario (Non-Ag)

B. FINANCIAL REPORTS

Receive and file as presented:

1. Cash Disbursements for the month of September 2019
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(0:03:28)

Motion by Vice-Chair Bob Bowcock, seconded by Mr. Shaun Stone. 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.

II. BUSINESS ITEMS

A. FISCAL YEAR 2019/20 ASSESSMENT PACKAGE

Recommend Advisory Committee approval of the Fiscal Year 2019/20 Assessment Package as presented, including the levying of assessments for production year 2018/19 Desalter Replenishment Obligation.

(0:03:49) Mr. Kavounas introduced Business Item II.A. and offered for Mr. Yoo to give a presentation. The Pool declined the presentation. A discussion ensued.

(0:06:14)

Motion by Mr. Shaun Stone, 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 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.

B. RESOLUTION TO LEVY REPLENISHMENT AND ADMINISTRATIVE ASSESSMENTS FOR FISCAL YEAR 2019/20

Review Resolution 2019-06 as presented, and offer advice to Watermaster.

(0:06:45) Mr. Kavounas gave a report. A discussion ensued. The Committee did not offer any advice.

C. 2018/19 ANNUAL REPORT OF THE GROUND-LEVEL MONITORING COMMITTEE

Recommend to the Advisory Committee to recommend to the Watermaster Board to approve the 2018/19 Annual Report of the Ground-Level Monitoring Committee, along with filing a copy with the Court.

(0:07:50) Mr. Kavounas introduced Business Item II.C. and offered for Mr. Malone to give a presentation. The Pool declined the presentation.

(0:09:17)

Motion by Mr. Shaun Stone, 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.C., and to direct the Pool representatives to support at the Advisory Committee and Watermaster Board meetings subject to changes which they deem appropriate.

D. CALENDAR YEAR 2020 NON-AGRICULTURAL POOL VOLUME VOTE

Approve the Calendar Year 2020 Non-Agricultural Pool Volume Vote as presented subject to Advisory Committee and Board approval of the 2019/20 Assessment Package at the November 21, 2019 meetings.

(0:10:00) Ms. Nelson gave a report. The Pool requested that in future years, and since the Volume Vote requires consent and not a vote, the Pool will take this item under Business Items Routine in future years. A discussion ensued.

(0:15:04)

Motion by Mr. Shaun Stone, 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 request Watermaster staff update the Pool volume vote spreadsheet for 2020 to reflect the latest calculations per Section 2.09 of the Non-Agricultural Pool Rules and Regulations.

E. MEMBER STATUS CHANGES (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.
 - The transfer of 954.5 acre-feet of Permanent Safe Yield Rights, 954.5 acre-feet of Fiscal Year 2019-20 Annual Carryover, and 2,790.2 acre-feet of Excess Carryover from GenOn California South, LP (formerly NRG California South, LP) to the City of Ontario (Non-Ag) was completed and approved on October 24, 2019.
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 25, 2019, Mr. Scott Burton, General Manager – Utilities, representing the City of Ontario, notified Watermaster that the City of Ontario (Non-Ag) representative has changed to Mr. Shaun Stone (ssstone@ontarioca.gov) and alternates are Mr. Christopher Quach and Ms. Jeanina Romero whose email addresses remain unchanged.

(0:15:28) Ms. Nelson reminded the Pool that the transfer of 954.5 acre-feet of Permanent Safe Yield Rights, 954.5 acre-feet of Fiscal Year 2019-20 Annual Carryover, and 2,790.2 acre-feet of Excess Carryover from GenOn California South, LP (formerly NRG California South, LP) to the City of Ontario (Non-Ag) was completed and approved on October 24, 2019 as shown in Item II.E.2. Ms. Nelson announced that on October 25, 2019, Mr. Scott Burton, General Manager – Utilities, representing the City of Ontario, notified Watermaster that the City of Ontario (Non-Ag) representative has changed to Mr. Shaun Stone (ssstone@ontarioca.gov) and alternates are Mr. Christopher Quach and Ms. Jeanina Romero whose email addresses remain unchanged as shown in Item II.E.4.

III. REPORTS/UPDATES

A. LEGAL COUNSEL REPORT

1. December 13, 2019 Court Hearing

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

B. ENGINEER REPORT

1. Safe Yield Reset
2. Request for MS4 Data/Information

(0:19:20) Mr. Malone gave a report.

C. CFO REPORT

1. Status of Revised 2014-15 through 2018-19 Assessment Packages – Assessment Changes and DRO Assessments
2. Fiscal Year 2019/20 Assessment Invoicing

(0:21:19) Mr. Joswiak gave a report.

D. GM REPORT

1. Status report: OBMP Update
2. Status report: Storage Management Plan
3. AP Volume Vote
4. Other

(0:23:09) Mr. Kavounas introduced Item III.D.1. and offered for Mr. Tellez Foster to give a presentation which the Pool declined to receive. Mr. Kavounas continued to give a report on Items III.D.2. and III.D.3., and he introduced Ms. Gregory to give a report on the Shoes That Fit charity. Lastly, Mr. Kavounas announced Mr. Poulsen's farewell party at the Old Stump Brewery in Pomona on November 21, 2019 at 5:30 p.m. A discussion ensued.

IV. INFORMATION

1. Cash Disbursements for October 2019

V. POOL MEMBER COMMENTS

None

VI. OTHER BUSINESS

None

VII. CONFIDENTIAL SESSION - POSSIBLE ACTION

Chair Geye called for a confidential session at 11:31 a.m. to discuss Pool Rules and Regulation – Section 2.13 Compensation, Exhibit G – Section 9 Transfer Rate and Storage Management. Confidential Session concluded at 12:10 p.m. with the following reportable actions:

(0:30:07) As submitted by Chair Geye via email:

1. The NAP approved a resolution regarding compensation (attached).
2. The NAP set the Exhibit G – Section 9 transfer rate at \$675/AF for the 2019-2020 transfer/sale cycle.
3. Direct Pool chair to provide Storage Management Plan comments to Watermaster staff.

ADJOURNMENT

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

Secretary: _____

Approved: _____

Attachment: Resolution re Compensation for Attendance

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RESOLUTION RE COMPENSATION FOR ATTENDANCE

NON-AGRICULTURAL POOL COMMITTEE

RECITALS

A. Watermaster Board Counsel has filed a motion (the "Paragraph 36 Motion") with the Court to amend Section 36 of the Judgment to provide that Pool or Advisory Committee members may receive compensation, to be established by the respective pooling plan or Committee rules and regulations, but not to exceed \$125 for certain meetings, workshops or hearings, with such compensation to be a part of Watermaster administrative expense, as more particularly provided in such motion.

B. Section 2.13 of the Rules and Regulations of this Pool Committee (the "NAP Rules") currently provides that members of this Pool Committee may, by resolution, allow themselves compensation for attendance at meetings, in an amount not to exceed \$25 per day and \$300 per year, as more particularly provided in such Section.

C. Section 2.20 of the NAP Rules provides that the Pool Committee may amend the NAP Rules by majority vote.

RESOLUTION

NOW, THEREFORE, IT IS RESOLVED, that Section 2.13 of the NAP Rules are hereby amended and restated as follows, but effective only if the Court enters an order granting the Paragraph 36 Motion, and only effective with respect to meetings, workshops and hearings after entry of such order:

Each member of this Pool Committee may apply to Watermaster staff, and may receive as a Watermaster administrative expense, compensation of \$125.00 per meeting for (a) each meeting of this Committee attended; (b) each meeting of the Advisory Committee and/or the Board attended; (c) each other meeting, workshop or hearing organized by Watermaster staff or otherwise organized for the principal purpose of conducting Watermaster business or business relating to Watermaster. In addition, each member of this Committee may receive reimbursement of reasonable expenses related to activities within the Chino Basin. Watermaster staff is directed to pay any amount payable pursuant to this Section by a check made payable to the representative or alternate who attended, unless he or she requests that Watermaster pay such amount to the member of this Pool Committee that he or she represented.

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CHINO BASIN WATERMASTER

I. CONSENT CALENDAR

A. MINUTES

1. Agricultural Pool Meeting held on November 14, 2019
2. Agricultural Pool Special Meeting held on December 4, 2019

DRAFT MINUTES
CHINO BASIN WATERMASTER
AGRICULTURAL POOL MEETING
November 14, 2019

The Agricultural Pool meeting was held at the offices of Chino Basin Watermaster located at 9641 San Bernardino Road, Rancho Cucamonga, CA on November 14, 2019.

AGRICULTURAL POOL MEMBERS PRESENT

Bob Feenstra, Chair	Dairy
Jeff Pierson, Vice-Chair	Crops
Pete Hall	State of California – CIM
Jimmy Medrano	State of California – CIM/CDCR
Ron LaBrucherie, Jr.	Crops
Ron Pietersma	Dairy
Henry De Haan	Dairy
John Huitsing	Dairy
Carol Boyd	State of California – CIM
Nathan deBoom	Dairy
Bob Page	County of San Bernardino

WATERMASTER BOARD MEMBERS PRESENT

Gino Filippi	Appropriative Pool – Minor Representative
Paul Hofer	Crops

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
Frank Yoo	Water Resources Senior Associate
Camille Gregory	Administrative Assistance

WATERMASTER CONSULTANTS PRESENT

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

OTHERS PRESENT AT WATERMASTER

Larry Cain	State of California – CIM
Jason Bishop	State of California – CIM
Tracy Egoscue	Egoscue Law Group, Inc.
Betsy Hunter Binns	Milk Producers Council
Richard Rees	Wood plc
Steve Corrington	MIH Water Treatment, Inc.

CALL TO ORDER

Chair Feenstra called the Agricultural Pool meeting to order at 1:38 p.m.

AGENDA – ADDITIONS/REORDER

None

I. CONSENT CALENDAR

A. MINUTES

Approve as presented:

1. Minutes of the Agricultural Pool Meeting held on October 10, 2019

B. FINANCIAL REPORTS

Receive and file as presented:

1. Cash Disbursements for the month of September 2019
2. Watermaster VISA Check Detail for the month of September 2019
3. Combining Schedule for the Period September 1, 2019 through September 30, 2019
4. Treasurer’s Report of Financial Affairs for the Period September 1, 2019 through September 30, 2019
5. Budget vs. Actual Report for the Period September 1, 2019 through September 30, 2019

(0:00:45)

*Motion by Mr. Ron LaBrucherie, Jr., seconded by Ms. Carol Boyd, and by unanimous vote
Moved to approve the Consent Calendar as presented.*

II. BUSINESS ITEMS

A. FISCAL YEAR 2019/20 ASSESSMENT PACKAGE

Recommend Advisory Committee approval of the Fiscal Year 2019/20 Assessment Package as presented, including the levying of assessments for production year 2018/19 Desalter Replenishment Obligation.

(0:01:08) Mr. Kavounas introduced Business Item II.A. and invited Mr. Yoo to give a presentation. A discussion ensued.

(0:18:00)

*Motion by Vice-Chair Jeff Pierson, seconded by Mr. Bob Page, and by unanimous vote
Moved to approve Business Item II.A. as presented.*

B. RESOLUTION TO LEVY REPLENISHMENT AND ADMINISTRATIVE ASSESSMENTS FOR FISCAL YEAR 2019/20

Review Resolution 2019-06 as presented, and offer advice to Watermaster.

(0:19:13) Mr. Kavounas gave a report. The Committee did not offer any advice.

C. 2018/19 ANNUAL REPORT OF THE GROUND-LEVEL MONITORING COMMITTEE

Recommend to the Advisory Committee to recommend to the Watermaster Board to approve the 2018/19 Annual Report of the Ground-Level Monitoring Committee, along with filing a copy with the Court.

(0:19:55) Mr. Malone gave a presentation. A discussion ensued.

(0:31:40)

*Motion by Mr. Pete Hall, seconded by Mr. Ron LaBrucherie, Jr., and by unanimous vote
Moved to approve Business Item II.C. as presented.*

(0:31:54) Additional discussion ensued.

D. OLD BUSINESS

None

III. REPORTS/UPDATES

A. LEGAL COUNSEL REPORT

1. December 13, 2019 Court Hearing

(0:36:08) Mr. Herrema gave a report.

B. ENGINEER REPORT

- 1. Safe Yield Reset
- 2. Request for MS4 Data/Information

(0:37:22) Mr. Malone gave a report.

C. CFO REPORT

- 1. Status of Revised 2014-15 through 2018-19 Assessment Packages - Assessment Changes and DRO Assessments
- 2. Fiscal Year 2019/20 Assessment Invoicing

(0:39:21) Mr. Joswiak gave a report.

D. GM REPORT

- 1. Status report: OBMP Update
- 2. Status report: Storage Management Plan
- 3. AP and ONAP Committee Volume Votes
- 4. Other

(0:41:47) Mr. Kavounas introduced Mr. Tellez Foster to give a presentation on Item III.D.1.

(0:51:32) Mr. Kavounas gave a report on Items III.D.2. and III.D.3., and announced Mr. Poulsen's farewell party at the Old Stump Brewery in Pomona on November 21, 2019 at 5:30 p.m. A discussion ensued.

IV. INFORMATION

- 1. Cash Disbursements for October 2019

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 2:45 p.m. to discuss December 13, 2019 Court Hearing, OBMP Update and Storage Management. Ms. Egoscue announced that confidential session concluded at 3:47 p.m. with no reportable action.

ADJOURNMENT

Chair Feenstra adjourned the Agricultural Pool meeting at 3:49 p.m.

Secretary: _____

Approved: _____

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

December 4, 2019

The Agricultural Pool special meeting was held at the offices of the Milk Producer's Council located at 13545 S. Euclid Avenue, Ontario CA and via conference call on December 4, 2019.

AGRICULTURAL POOL MEMBERS PRESENT

Bob Feenstra, Chair	Dairy
Jeff Pierson, Vice-Chair	Crops
John Huitsing	Dairy
Carol Boyd	State of California – CIM
Ronald Pietersma	Dairy
Jimmy Medrano	State of California – CIM/CDCR
Henry De Haan	Dairy
Nathan deBoom	Dairy

AGRICULTURAL POOL MEMBERS PRESENT ON CALL

Pete Hall	State of California – CIM
Geoffrey Vanden Heuvel	Dairy
Ron Labrucherie, Jr.	Crops
Bob Page	County of San Bernardino

WATERMASTER BOARD MEMBER PRESENT

Paul Hofer	Crops
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OTHERS PRESENT

Tracy Egoscue	Egoscue Law Group, Inc.
Richard Rees	Wood plc

OTHERS PRESENT ON CALL

Marilyn Levin	State of California – DOJ
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CALL TO ORDER

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

AGENDA - ADDITIONS/REORDER

None

I. CONFIDENTIAL SESSION - POSSIBLE ACTION

Chair Feenstra convened the Agricultural Pool special meeting (confidential session only) at 12:00 p.m. to discuss the Appropriative Pool Court Filings. Confidential session concluded at 1:31 p.m. with no reportable action.

ADJOURNMENT

Chair Feenstra adjourned the Agricultural Pool special meeting at 1:31 p.m.

Secretary: _____

Approved: _____

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CHINO BASIN WATERMASTER

I. CONSENT CALENDAR (AP & OAP)

B. FINANCIAL REPORTS

1. Cash Disbursements for the month of October 2019
2. Watermaster VISA Check Detail for the month of October 2019
3. Combining Schedule for the Period July 1, 2019 through October 31, 2019
4. Treasurer's Report of Financial Affairs for the Period October 1, 2019 through October 31, 2019
5. Budget vs. Actual Report for the Period July 1, 2019 through October 31, 2019

I. BUSINESS ITEMS – ROUTINE (ONAP)

B. FINANCIAL REPORTS

1. Cash Disbursements for the month of October 2019
2. Watermaster VISA Check Detail for the month of October 2019
3. Combining Schedule for the Period July 1, 2019 through October 31, 2019
4. Treasurer's Report of Financial Affairs for the Period October 1, 2019 through October 31, 2019
5. Budget vs. Actual Report for the Period July 1, 2019 through October 31, 2019



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: December 12, 2019
TO: AP/ONAP/OAP Members
SUBJECT: Cash Disbursement Report - Financial Report B1 (October 31, 2019)
(Consent Calendar Item I.B.1.)

SUMMARY

Issue: Record of Cash Disbursements for the month of October 2019.

Recommendation: Receive and file Cash Disbursements for October 2019 as presented.

Financial Impact: Funds disbursed were included in the FY 2019/20 "Amended" Watermaster Budget.

Future Consideration

Appropriative Pool – December 12, 2019: Receive and File
Non-Agricultural Pool – December 12, 2019: Receive and File
Agricultural Pool – December 12, 2019: Receive and File
Advisory Committee – December 19, 2019: Receive and File
Watermaster Board – December 19, 2019: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – December 12, 2019:
Non-Agricultural Pool – December 12, 2019:
Agricultural Pool – December 12, 2019:
Advisory Committee – December 19, 2019:
Watermaster Board – December 19, 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

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

DISCUSSION

Total cash disbursements during the month of October 2019 were \$884,105.14.

The most significant expenditures during the month were to Wildermuth Environmental, Inc. in the amounts of \$283,644.94 and \$250,292.41 (check number 21753 dated October 4, 2019 and check number 21778 dated October 25, 2019); and Brownstein Hyatt Farber Schreck in the amounts of \$42,772.19 and \$55,776.96 (check number 21735 dated October 4, 2019 and check number 21777 dated October 25, 2019).

ATTACHMENTS

1. Financial Report - B1

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
October 2019

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/04/2019	21734	APPLIED COMPUTER TECHNOLOGIES	3109	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2019	3109		Database Consulting Services - Sep. 2019	6052.2 · Applied Computer Technol	3,449.60
TOTAL						<u>3,449.60</u>
Bill Pmt -Check	10/04/2019	21735	BROWNSTEIN HYATT FARBER SCHRECK		1012 · Bank of America Gen'l Ckg	
Bill	08/31/2019	773736		Angelica BK	6078 · BHFS Legal - Miscellaneous	168.75
				773736	6078 · BHFS Legal - Miscellaneous	22,189.50
Bill	08/31/2019	773737		773737	6907.34 · Santa Ana River Water Rights	267.30
Bill	08/31/2019	773738		773738	6071 · BHFS Legal - Court Coordination	534.60
Bill	08/31/2019	773739		773739	6072 · BHFS Legal - Rules & Regs	445.50
Bill	08/31/2019	773740		773740	6907.38 · Reg. Water Quality Cntrl Board	623.70
Bill	08/31/2019	773741		773741	6907.39 · Recharge Master Plan	26.55
Bill	08/31/2019	773742		773742	6907.46 · Upper SAR Integrated Model	89.10
Bill	08/31/2019	773743		773743	6907.45 · OBMP Update	16,066.35
				Mileage/Parking Expense	6907.45 · OBMP Update	40.19
Bill	08/31/2019	773744		773744	6907.47 · 2020 Safe Yield Reset	1,251.45
Bill	08/31/2019	773745		773745	6078.13 · Assessment Packages-Updates	980.10
Bill	08/31/2019	773746		773746	6078.25 · Ely 3 Basin Investigation	89.10
TOTAL						<u>42,772.19</u>
Bill Pmt -Check	10/04/2019	21736	BUSINESS TELECOMMUNICATION SYSTEMS I	15540	1012 · Bank of America Gen'l Ckg	
Bill	09/26/2019	15540		15540	6022 · Telephone	264.00
TOTAL						<u>264.00</u>
Bill Pmt -Check	10/04/2019	21737	CALIFORNIA STATE UNIVERSITY - SACRAMEN	1082651	1012 · Bank of America Gen'l Ckg	
Bill	09/25/2019	1082651		Facilitation training w/Dave Ceppos	6193 · Employee Training	1,126.35
TOTAL						<u>1,126.35</u>
Bill Pmt -Check	10/04/2019	21738	CHEF DAVE'S CATERING & EVENT SERVICES	9930	1012 · Bank of America Gen'l Ckg	
Bill	09/26/2019	9930		Lunch for 9/26/19 Watermaster Board meeting	6312 · Meeting Expenses	600.69
TOTAL						<u>600.69</u>
Bill Pmt -Check	10/04/2019	21739	CITY OF POMONA	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/12/2019	9/12 Appro Pool Mtg		Poulsen-9/12/19 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00
Bill	09/19/2019	9/19 Board Officers		Poulsen-9/19/19 Board Officers/Pool Chairs Mtg.	6311 · Board Member Compensation	125.00
Bill	09/26/2019	9/26 Board Mtg		Poulsen-9/26/19 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						<u>375.00</u>
Bill Pmt -Check	10/04/2019	21740	DE HAAN, HENRY	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2019	8/22 Special Ag Pool		8/22/19 Special Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
October 2019

Type	Date	Num	Name	Memo	Account	Paid Amount
				8/22/19 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						<u>125.00</u>
Bill Pmt -Check	10/04/2019	21741	ELIE, STEVEN	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/26/2019	9/26 Board Mtg		9/26/19 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						<u>125.00</u>
Bill Pmt -Check	10/04/2019	21742	EUROFINS EATON ANALYTICAL		1012 · Bank of America Gen'l Ckg	
Bill	09/23/2019	L0473045		L0473045	7103.5 · Grdwtr Qual-Lab Svcs	758.00
Bill	09/23/2019	L0473044		L0473044	7103.5 · Grdwtr Qual-Lab Svcs	2,104.00
TOTAL						<u>2,862.00</u>
Bill Pmt -Check	10/04/2019	21743	FEDAK & BROWN LLP	Progress Billing-Audit Services	1012 · Bank of America Gen'l Ckg	
Bill	09/26/2019			September 2019	6062 · Audit Services	5,325.00
TOTAL						<u>5,325.00</u>
Bill Pmt -Check	10/04/2019	21744	FILIPPI, GINO	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/12/2019	9/12 Appro Pool Mtg		9/12/19 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00
Bill	09/26/2019	9/26 Board Mtg		9/26/19 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						<u>250.00</u>
Bill Pmt -Check	10/04/2019	21745	GEYE, BRIAN	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/11/2019	9/11 OBMP LS6		9/11/19 OBMP LS 6	6311 · Board Member Compensation	125.00
Bill	09/26/2019	9/26 Board Mtg		9/26/19 Board Meeting	6311 · Board Member Compensation	125.00
Bill	09/30/2019	9/30 Storage Mgmnt		9/30/19 Storage Management Concept Meeting	6311 · Board Member Compensation	125.00
TOTAL						<u>375.00</u>
Bill Pmt -Check	10/04/2019	21746	HUITSING, JOHN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/12/2019	9/12 Ag Pool Mtg		9/12/19 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				9/12/19 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						<u>125.00</u>
Bill Pmt -Check	10/04/2019	21747	READY REFRESH BY NESTLE	0023230253	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2019	0023230253		Office Water Bottle - September 2019	6031.7 · Other Office Supplies	136.14
TOTAL						<u>136.14</u>
Bill Pmt -Check	10/04/2019	21748	RON SHELLEY'S AUTOMOTIVE	11050	1012 · Bank of America Gen'l Ckg	
Bill	10/01/2019	11050		Maintenance for 2018 Ford Expedition	6177 · Vehicle Repairs & Maintenance	122.47
TOTAL						<u>122.47</u>
Bill Pmt -Check	10/04/2019	21749	RR FRANCHISING, INC.	77249	1012 · Bank of America Gen'l Ckg	

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
October 2019

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	10/01/2019	77249		Monthly janitorial service - October 2019	6024 · Building Repair & Maintenance	740.00
TOTAL						740.00
Bill Pmt -Check	10/04/2019	21750	SPECTRUM BUSINESS	2031978092319	1012 · Bank of America Gen'l Ckg	
Bill	09/23/2019	2031978092319		9/23/19-10/22/19	6053 · Internet Expense	798.69
TOTAL						798.69
Bill Pmt -Check	10/04/2019	21751	STATE COMPENSATION INSURANCE FUND	1970970-19	1012 · Bank of America Gen'l Ckg	
Bill	10/01/2019	1970970-19		Premium 9/26/19-10/26/19	60183 · Worker's Comp Insurance	532.75
TOTAL						532.75
Bill Pmt -Check	10/04/2019	21752	WESTERN MUNICIPAL WATER DISTRICT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/26/2019	9/26 Board Mtg		9/26/19 Board Meeting attendance - Galleano	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	10/04/2019	21753	WILDERMUTH ENVIRONMENTAL INC		1012 · Bank of America Gen'l Ckg	
Bill	08/31/2019	2019277		2019277	7510 · PE6&7-IEUA Salinity Mgmt. Plan	601.20
Bill	08/31/2019	2019278		2019278	6906.32 · OBMP-Other General Meetings	13,073.89
Bill	08/31/2019	2019279		2019279	6906.74 · OBMP-Mat'l Phy. Injury Requests	354.80
Bill	08/31/2019	2019280		2019280	6906.71 · OBMP-Data Req.-CBWM Staff	5,071.00
Bill	08/31/2019	2019281		2019281	6906.72 · OBMP-Data Req.-Non CBWM Staff	1,837.50
Bill	08/31/2019	2019282		2019282	6906.22 · Water Rights Compliance Rprting	5,355.35
Bill	08/31/2019	2019283		2019283	6906 · OBMP Engineering Services	692.00
Bill	08/31/2019	2019284		2019284	6906.26 · 2020 OBMP Update	79,904.46
Bill	08/31/2019	2019285		2019285	6906.73 · OBMP-2020 Safe Yield Recalc	53,420.20
Bill	08/31/2019	2019286		2019286	6906.81 · Prepare Annual Reports	1,106.40
Bill	08/31/2019	2019287		2019287	6906.16 · CBEWP-100% IEUA Cost	1,943.18
Bill	08/31/2019	2019288		2019288	7103.3 · Grdwtr Qual-Engineering	37,872.57
Bill	08/31/2019	2019289		2019289	7104.3 · Grdwtr Level-Engineering	4,405.46
Bill	08/31/2019	2019290		2019290	7107.2 · Grd Level-Engineering	4,036.96
Bill	08/31/2019	2019291		2019291	7107.2 · Grd Level-Engineering	164.25
Bill	08/31/2019	2019292		2019292	7108.31 · Hydraulic Control - PBHSP	1,401.60
Bill	08/31/2019	2019293		2019293	7109.3 · Recharge & Well - Engineering	3,009.90
Bill	08/31/2019	2019294		2019294	7202.2 · Engineering Svc	386.40
Bill	08/31/2019	2019295		2019295	7402 · PE4-Engineering	39,891.61
Bill	08/31/2019	2019296		2019296	7402.10 · PE4 - Northwest MZ1 Area Proj.	15,243.31
Bill	08/31/2019	2019297		2019297	7502 · PE6&7-Engineering	12,281.10
Bill	08/31/2019	2019298		2019298	7511 · PE6&7-SAWBMPTask Force-50% IEU,	1,591.80
TOTAL						283,644.94
Bill Pmt -Check	10/04/2019	21754	VISION SERVICE PLAN	00-101789-0001	1012 · Bank of America Gen'l Ckg	

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CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	10/01/2019	00101789		Vision Insurance Premium - October 2019	60182.2 · Dental & Vision Ins	88.20
TOTAL						88.20
General Journal	10/04/2019	10/04/2019	ADP, LLC	ADP Tax Service for 09/21/19-543312010	1012 · Bank of America Gen'l Ckg	
				ADP Tax Service for 09/21/19-543312010	1012 · Bank of America Gen'l Ckg	155.50
TOTAL						155.50
General Journal	10/05/2019	10/05/2019	Payroll and Taxes for 09/22/19-10/05/19	Payroll and Taxes for 09/22/19-10/05/19	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 09/22/19-10/05/19	1012 · Bank of America Gen'l Ckg	29,418.28
				Payroll Taxes for 09/22/19-10/05/19	1012 · Bank of America Gen'l Ckg	9,623.39
			ICMA-RC	457(f) EE Deductions for 09/22/19-10/05/19	1012 · Bank of America Gen'l Ckg	5,639.60
			ICMA-RC	401(a) EE Deductions for 09/22/19-10/05/19	1012 · Bank of America Gen'l Ckg	1,527.80
TOTAL						46,209.07
Bill Pmt -Check	10/07/2019	ACH 100719	CALPERS	1394905143	1012 · Bank of America Gen'l Ckg	
Bill	09/16/2019	1394905143		Medical Insurance Premiums - October 2019	60182.1 · Medical Insurance	8,291.02
TOTAL						8,291.02
Bill Pmt -Check	10/11/2019	ACH 101119	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	10/05/2019	10/05/2019	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 09/22/19-10/05/19	2000 · Accounts Payable	8,024.41
TOTAL						8,024.41
Check	10/15/2019	10/15/2019	Service Charge	Service Charge	1012 · Bank of America Gen'l Ckg	
				Service Charge	6039.1 · Banking Service Charges	617.73
TOTAL						617.73
Bill Pmt -Check	10/16/2019	21755	WOLF BEDLINERS, INC.	8599	1012 · Bank of America Gen'l Ckg	
Bill	10/16/2019	8599		Bedliner for new 2019 F-150 truck	1840 · Capital Assets	487.00
TOTAL						487.00
Bill Pmt -Check	10/17/2019	21756	HEMBORG FORD	PO 20190705	1012 · Bank of America Gen'l Ckg	
Bill	10/17/2019	PO 20190705		2019 Ford F-150 CrewCab Truck	1840 · Capital Assets	35,665.55
TOTAL						35,665.55
Bill Pmt -Check	10/17/2019	21757	FULLER TRUCK ACCESSORIES	Estimate 2456	1012 · Bank of America Gen'l Ckg	
Bill	10/17/2019	E 2456		Truck accessories for new 2019 F-150	1840 · Capital Assets	4,287.48
TOTAL						4,287.48
Bill Pmt -Check	10/18/2019	21758	ACCENT COMPUTER SOLUTIONS, INC.	130993	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2019	130993		130993	6052.6 · IT Services/Projects	412.50
TOTAL						412.50

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CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/18/2019	21759	ACWA	VOID:	1012 · Bank of America Gen'l Ckg	0.00
TOTAL						0.00
Bill Pmt -Check	10/18/2019	21760	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2019	XXXX-XXXX-XXXX-9341		Miscellaneous office supplies	6031.7 · Other Office Supplies	21.03
				Membership renewal for JJ	6111 · Membership Dues	165.72
				Miscellaneous office supplies	6031.7 · Other Office Supplies	49.16
				Storage plan	6054 · Computer Software	0.87
				Miscellaneous office supplies	6031.7 · Other Office Supplies	42.50
				Miscellaneous office supplies	6031.7 · Other Office Supplies	63.31
				Miscellaneous office supplies	6031.7 · Other Office Supplies	66.63
				Miscellaneous office supplies	6031.7 · Other Office Supplies	41.17
				Flight-Nakano-Groundwater Week Conference	6191 · Conferences - General	147.28
				Miscellaneous office supplies	6031.7 · Other Office Supplies	411.25
				Miscellaneous office supplies	6031.7 · Other Office Supplies	9.82
				Registration-ETF-ACWA 2019 Reg. Summit	6193.2 · Conference - Registration Fee	254.30
				PK meeting w/V. Jew and J. Bosler	8312 · Meeting Expenses	42.11
				Lunch-staff/legal counsel between Pool meetings	8412 · Meeting Expenses	74.54
				Lunch for Board Officers/Pool Chairs meeting	6312 · Meeting Expenses	130.61
				Lunch for 9/25/19 Leadership Forum	6196 · Admin. Leadership Forum	188.53
				New batteries for AED device in office	6031.7 · Other Office Supplies	159.68
				PK meeting w/L. Skrzat (CBWCD)	8312 · Meeting Expenses	28.07
				PK meeting w/G. Filippi	6312 · Meeting Expenses	16.00
				Lunch-10/03/19 Board Officers/Pool Chairs mtg.	6312 · Meeting Expenses	84.35
				PK meeting w/K. Gienger, S. Burton	8312 · Meeting Expenses	46.71
TOTAL						2,043.64
Bill Pmt -Check	10/18/2019	21761	BOWCOCK, ROBERT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/19/2019	9/19 Bd Officers Mtg		9/19/19 Board Officers/Pool Chairs Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	10/18/2019	21762	CORELOGIC INFORMATION SOLUTIONS	81989674	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2019	81986974		81989674	7103.7 · Grdwtr Qual-Computer Svc	62.50
				81989674	7101.4 · Prod Monitor-Computer	62.50
TOTAL						125.00
Bill Pmt -Check	10/18/2019	21763	DELUXE BUSINESS FORMS & SUPPLIES	02045993594	1012 · Bank of America Gen'l Ckg	
Bill	10/07/2019	02045993594		Check reorder	6031.7 · Other Office Supplies	835.68
TOTAL						835.68

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CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/18/2019	21764	EGOSCUE LAW GROUP, INC.	12487	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2019	12487		Ag Pool Legal Services - September 2019	8467 · Ag Legal & Technical Services	17,200.00
TOTAL						17,200.00
Bill Pmt -Check	10/18/2019	21765	FEENSTRA, BOB	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/12/2019	9/12 Ag Pool Mtg		9/12/19 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	09/19/2019	9/19 Advisory Comm		9/19/19 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	09/19/2019	9/19 Bd Officers Mtg		9/19/19 Board Officers/Pool Chairs Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	09/26/2019	9/26 Board Mtg		9/26/19 Board Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	09/30/2019	9/30 Bd Officers		9/30/19 Board Officers/Pool Chairs Meeting	8470 · Ag Meeting Attend -Special	125.00
TOTAL						625.00
Bill Pmt -Check	10/18/2019	21766	KUHN, BOB	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/12/2019	9/12 Appro Pool Mtg		9/12/19 Appropriative Pool meeting	6311 · Board Member Compensation	125.00
Bill	09/17/2019	9/17 Advisory Comm		9/17/19 Advisory Committee meeting	6311 · Board Member Compensation	125.00
Bill	09/24/2019	9/24 Board Agenda		9/24/19 Board Agenda preview conf. call	6311 · Board Member Compensation	125.00
Bill	09/26/2019	9/26 Board Mtg		9/26/19 Board Meeting	6311 · Board Member Compensation	125.00
Bill	09/30/2019	9/30 Exec Committee		9/30/19 Executive committee meeting	6311 · Board Member Compensation	125.00
TOTAL						625.00
Bill Pmt -Check	10/18/2019	21767	NELSON, ANNA	Employee Expense Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2019			Lunch meetings	6141.3 · Admin Meetings	66.80
				Mileage reimbursement for lunch meetings	6173 · Airfare/Mileage	7.88
				Reimbursement for keyboard/mouse	6031.7 · Other Office Supplies	95.89
TOTAL						170.57
Bill Pmt -Check	10/18/2019	21768	PIERSON, JEFFREY	Board and Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	09/01/2019	8/19 Admin Mtg		8/19/19 Administrative Meeting with PK	6311 · Board Member Compensation	125.00
Bill	09/01/2019	8/22 Special Ag Mtg		8/22/19 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	09/04/2019	9/04 CC w/Pool Chair		9/04/19 Ag Pool CC w/Chair and Pool Attorney	8470 · Ag Meeting Attend -Special	125.00
Bill	09/12/2019	9/12 Ag Pool Mtg		9/12/19 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	09/17/2019	9/17 Admin Mtg		9/17/19 Administrative meeting w/PK	6311 · Board Member Compensation	125.00
Bill	09/19/2019	9/19 Advisory Comm		9/19/19 Advisory Committee Meeting	6311 · Board Member Compensation	125.00
Bill	09/19/2019	9/19 Admin Mtg		9/19/19 Administrative meeting w/PK	6311 · Board Member Compensation	125.00
Bill	09/24/2019	9/24 Admin Mtg		9/24/19 Administrative meeting w/PK	6311 · Board Member Compensation	125.00
Bill	09/26/2019	9/26 Board Mtg		9/26/19 Board Meeting	6311 · Board Member Compensation	125.00
Bill	09/30/2019	9/30 Storage Mtg		9/30/19 Storage Management Concept Meeting	6311 · Board Member Compensation	125.00
TOTAL						1,250.00
Bill Pmt -Check	10/18/2019	21769	PIETERSMA, RONALD	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	10/10/2019	10/10 Ag Pool Mtg		10/10/19 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
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Type	Date	Num	Name	Memo	Account	Paid Amount
				10/10/19 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	10/18/2019	21770	PITNEY BOWES GLOBAL FINANCIAL SERVICE	3103459532	1012 · Bank of America Gen'l Ckg	
Bill	10/09/2019	3103459532		Postage meter lease	6044 · Postage Meter Lease	427.33
TOTAL						427.33
Bill Pmt -Check	10/18/2019	21771	PREMIERE GLOBAL SERVICES	28437491	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2019	28437491		Revised assessment pkg. workshop call on 8/28	6909.1 · OBMP Meetings	12.98
				Desalter transform A call on 9/04	6909.1 · OBMP Meetings	6.51
				LS 6 Prep call on 9/05	6909.1 · OBMP Meetings	6.52
				Non-Ag Pool meeting call on 9/12	8512 · Meeting Expense	29.40
				Fee - Confidential	6022 · Telephone	39.00
				Fee - General	6022 · Telephone	39.00
				OBMP Update call on 8/27	6909.1 · OBMP Meetings	12.52
				Pools agenda prep call on 9/03	8312 · Meeting Expenses	8.69
				Pools agenda prep call on 9/03	8412 · Meeting Expenses	8.69
				Pools agenda prep call on 9/03	8512 · Meeting Expense	8.69
				WM coordination call on 9/09	6909.1 · OBMP Meetings	6.53
				WM coordination call on 9/09	6909.1 · OBMP Meetings	20.25
				CDA monitoring call on 9/10	6909.1 · OBMP Meetings	6.52
				Pool meetings check call on 9/11	8312 · Meeting Expenses	3.50
				Pool meetings check call on 9/11	8412 · Meeting Expenses	3.49
				Pool meetings check call on 9/11	8512 · Meeting Expense	3.49
				Prep for Incoming Leaders call on 9/13	6909.1 · OBMP Meetings	12.18
				WM coordination call on 9/16	6909.1 · OBMP Meetings	31.21
				GLMC Annual Report call on 9/17	6909.1 · OBMP Meetings	9.24
				WM coordination call on 9/23	6909.1 · OBMP Meetings	24.22
				Board agenda preview call on 9/24	6312 · Meeting Expenses	15.50
				Board agenda preview call on 9/24	6312 · Meeting Expenses	10.36
				Last minute check before Board meeting call on 9/	6312 · Meeting Expenses	6.52
				General Fee	6022 · Telephone	78.00
				Service Fee	6022 · Telephone	30.72
TOTAL						433.73
Bill Pmt -Check	10/18/2019	21772	SIGNARAMA ONTARIO	016009	1012 · Bank of America Gen'l Ckg	
Bill	10/15/2019	Quote 016009		Decals for new 2019 F-150 truck	6031.7 · Other Office Supplies	82.33
TOTAL						82.33
Bill Pmt -Check	10/18/2019	21773	TELLEZ-FOSTER, EDGAR	Employee Expense Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	10/01/2019	10/01 Ops Staff Mtg		10/01/19 Ops Staff Meeting	6141.3 · Admin Meetings	84.93

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CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
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Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAL						84.93
Bill Pmt -Check	10/18/2019	21774	UNION 76	7076-2245-3035-5049	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2019	7076224530355049		September 2019	6175 · Vehicle Fuel	136.36
TOTAL						136.36
Bill Pmt -Check	10/18/2019	21775	YUKON DISPOSAL SERVICE	21136525395	1012 · Bank of America Gen'l Ckg	
Bill	10/09/2019	21136525395		Disposal Service - October 2019	6024 · Building Repair & Maintenance	117.14
TOTAL						117.14
Bill Pmt -Check	10/18/2019	21776	ACWA JOINT POWERS INSURANCE AUTHORITY	0627632	1012 · Bank of America Gen'l Ckg	
Bill	10/04/2019	0631872		Prepayment - November 2019	1409 · Prepaid Life, BAD&D & LTD	229.47
				October 2019	60191 · Life & Disab.Ins Benefits	229.47
TOTAL						458.94
General Journal	10/18/2019	10/18/2019	ADP, LLC	ADP Tax Service for 10/11/19-544106080	1012 · Bank of America Gen'l Ckg	
				ADP Tax Service for 10/11/19-544106080	1012 · Bank of America Gen'l Ckg	155.50
TOTAL						155.50
P32 General Journal	10/24/2019	10/24/2019	Payroll and Taxes for 10/06/19-10/19/19	Payroll and Taxes for 10/06/19-10/19/19	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 10/06/19-10/19/19	1012 · Bank of America Gen'l Ckg	30,217.49
				Payroll Taxes for 10/06/19-10/19/19	1012 · Bank of America Gen'l Ckg	10,076.81
			ICMA-RC	457(f) EE Deductions for 10/06/19-10/19/19	1012 · Bank of America Gen'l Ckg	5,639.60
			ICMA-RC	401(a) EE Deductions for 10/06/19-10/19/19	1012 · Bank of America Gen'l Ckg	1,527.80
TOTAL						47,461.70
Bill Pmt -Check	10/24/2019	ACH102419	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	10/19/2019	10/19/2019	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 10/06/19-10/19/19	2000 · Accounts Payable	8,024.40
TOTAL						8,024.40
Bill Pmt -Check	10/25/2019	21777	BROWNSTEIN HYATT FARBER SCHRECK		1012 · Bank of America Gen'l Ckg	
Bill	09/30/2019	775443		775443	6078 · BHFS Legal - Miscellaneous	19,098.90
				Mileage/Parking Expenses	8375 · BHFS Legal - Appropriative Pool	24.04
				Mileage/Parking Expenses	8475 · BHFS Legal - Agricultural Pool	24.04
				Mileage/Parking Expenses	8575 · BHFS Legal - Non-Ag Pool	24.04
Bill	09/30/2019	775444		Audit Response	6078 · BHFS Legal - Miscellaneous	233.10
Bill	09/30/2019	775445		775445	6907.34 · Santa Ana River Water Rights	446.85
Bill	09/30/2019	775446		775446	6907.33 · Desalter/Hydraulic Control	89.10
Bill	09/30/2019	775447		775447	6907.36 · Santa Ana River Habitat	178.20
Bill	09/30/2019	775448		775448	6275 · BHFS Legal - Advisory Committee	445.50

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	09/30/2019	775449		775449	6375 · BHFS Legal - Board Meeting	3,001.05
Bill	09/30/2019	775450		775450	8375 · BHFS Legal - Appropriative Pool	1,737.45
Bill	09/30/2019	775451		775451	8475 · BHFS Legal - Agricultural Pool	1,737.45
Bill	09/30/2019	775452		775452	8575 · BHFS Legal - Non-Ag Pool	1,737.45
Bill	09/30/2019	775453		775453	6071 · BHFS Legal - Court Coordination	268.65
Bill	09/30/2019	775454		775454	6072 · BHFS Legal - Rules & Regs	2,049.30
Bill	09/30/2019	775455		775455	6907.39 · Recharge Master Plan	79.65
Bill	09/30/2019	775456		775456	6907.44 · SGMA Compliance	89.10
Bill	09/30/2019	775457		775457	6907.45 · OBMP Update	23,328.00
				Mileage/Parking Expenses	6907.45 · OBMP Update	144.24
Bill	09/30/2019	775458		775458	6907.47 · 2020 Safe Yield Reset	283.50
Bill	09/30/2019	775459		775459	6078.13 · Assessment Packages-Updates	668.25
Bill	09/30/2019	775460		775460	6078.25 · Ely 3 Basin Investigation	89.10
TOTAL						55,776.96
Bill Pmt -Check	10/25/2019	21778	WILDERMUTH ENVIRONMENTAL INC		1012 · Bank of America Gen'l Ckg	
Bill	09/30/2019	2019301		2019301	7510 · PE6&7-IEUA Salinity Mgmt. Plan	4,320.20
Bill	09/30/2019	2019302		2019302	6906.31 · OBMP-Pool, Adv. Board Mtgs	7,292.96
Bill	09/30/2019	2019303		2019303	6906.32 · OBMP-Other General Meetings	2,658.70
Bill	09/30/2019	2019304		2019304	6906.74 · OBMP-Mat'l Phy. Injury Requests	2,120.05
Bill	09/30/2019	2019305		2019305	6906.71 · OBMP-Data Req.-CBWM Staff	7,489.30
Bill	09/30/2019	2019306		2019306	6906.72 · OBMP-Data Req.-Non CBWM Staff	4,829.00
Bill	09/30/2019	2019307		2019307	6906.22 · Water Rights Compliance Rprting	4,380.20
Bill	09/30/2019	2019308		2019308	6906 · OBMP Engineering Services	586.90
Bill	09/30/2019	2019309		2019309	6906.26 · 2020 OBMP Update	36,997.80
Bill	09/30/2019	2019310		2019310	6906.73 · OBMP-2020 Safe Yield Recalc	40,271.08
Bill	09/30/2019	2019311		2019311	6906.81 · Prepare Annual Reports	1,925.40
Bill	09/30/2019	2019312		2019312	6906.15 · Integrated Model Mtgs-IEUA Cost	813.00
Bill	09/30/2019	2019313		2019313	6906.16 · CBEWP-100% IEUA Cost	11,842.00
Bill	09/30/2019	2019314		2019314	7103.3 · Grdwtr Qual-Engineering	17,263.40
Bill	09/30/2019	2019315		2019315	7104.3 · Grdwtr Level-Engineering	16,461.64
Bill	09/30/2019	2019316		2019316	7107.2 · Grd Level-Engineering	2,180.40
Bill	09/30/2019	2019317		2019317	7108.31 · Hydraulic Control - PBHSP	635.10
Bill	09/30/2019	2019318		2019318	7202.2 · Engineering Svc	1,265.63
Bill	09/30/2019	2019319		2019319	7206.1 · SB88 Specs-Ensure Compliance	7,445.65
Bill	09/30/2019	2019320		2019320	7402 · PE4-Engineering	19,923.52
Bill	09/30/2019	2019321		2019321	7402.10 · PE4 - Northwest MZ1 Area Proj.	19,947.48
Bill	09/30/2019	2019322		2019322	7502 · PE6&7-Engineering	38,465.10
Bill	09/30/2019	2019323		2019323	7511 · PE6&7-SAWBMPTask Force-50% IEU,	1,177.90
TOTAL						250,292.41

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/25/2019	21779	ACCENT COMPUTER SOLUTIONS, INC.	131269	1012 · Bank of America Gen'l Ckg	
Bill	11/01/2019	131269		Monthly service - November 2019	6052.4 · IT Managed Services	4,067.00
				Overwatch - November 2019	6052.5 · IT Data Backup/Storage	699.00
				Omni Cloud - November 2019	6052.5 · IT Data Backup/Storage	117.00
				Office 365 subscriptions / Business Premium - Nov	6052.4 · IT Managed Services	158.25
				Image Office Storage (per GB, per month)	6052.5 · IT Data Backup/Storage	860.46
TOTAL						5,901.71
Bill Pmt -Check	10/25/2019	21780	CUCAMONGA VALLEY WATER DISTRICT	Office Lease - November 2019	1012 · Bank of America Gen'l Ckg	
Bill	10/17/2019			Office lease due November 1, 2019	1422 · Prepaid Rent	7,093.14
TOTAL						7,093.14
Bill Pmt -Check	10/25/2019	21781	EUROFINS EATON ANALYTICAL		1012 · Bank of America Gen'l Ckg	
Bill	10/07/2019	L0475453		L0475453	7103.5 · Grdwtr Qual-Lab Svcs	5,712.00
Bill	10/14/2019	L0476341		L0476341	7103.5 · Grdwtr Qual-Lab Svcs	848.00
Bill	10/14/2019	L0476324		L0476324	7103.5 · Grdwtr Qual-Lab Svcs	5,712.00
Bill	10/17/2019	L0477140		L0477140	7103.5 · Grdwtr Qual-Lab Svcs	483.00
Bill	10/17/2019	L0477141		L0477141	7103.5 · Grdwtr Qual-Lab Svcs	848.00
TOTAL						13,603.00
Bill Pmt -Check	10/25/2019	21782	FRONTIER COMMUNICATIONS	909-484-3890-050914-5	1012 · Bank of America Gen'l Ckg	
Bill	10/17/2019	90948438900509145		Office fax	6022 · Telephone	157.45
TOTAL						157.45
Bill Pmt -Check	10/25/2019	21783	GREAT AMERICA LEASING CORP.	25733638	1012 · Bank of America Gen'l Ckg	
Bill	10/16/2019	25733638		Invoice for October 2019	6043.1 · Ricoh Lease Fee	2,661.62
TOTAL						2,661.62
Bill Pmt -Check	10/25/2019	21784	IAAP	93942242	1012 · Bank of America Gen'l Ckg	
Bill	10/16/2019	93942242		Membership renewal for A. Nelson	6111 · Membership Dues	150.00
TOTAL						150.00
Bill Pmt -Check	10/25/2019	21785	JOHN J. SCHATZ	Appropriative Pool Legal Services	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2019			September 2019	8367 · Legal Service	5,170.00
				Third Party Expenses	8367 · Legal Service	945.00
TOTAL						6,115.00
Bill Pmt -Check	10/25/2019	21786	LEGAL SHIELD	111802	1012 · Bank of America Gen'l Ckg	
Bill	10/16/2019	111802		Employee deductions - October 2019	60194 · Other Employee Insurance	51.80

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CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
October 2019

	Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAL							51.80
	Bill Pmt -Check	10/25/2019	21787	LOEB & LOEB LLP	1852969	1012 · Bank of America Gen'l Ckg	
	Bill	09/30/2019	1852969		Non-Ag Pool Legal Services - September 2019	8567 · Non-Ag Legal Service	3,863.70
TOTAL							<u>3,863.70</u>
	Bill Pmt -Check	10/25/2019	21788	STANDARD INSURANCE CO.	Policy # 00-649299-0009	1012 · Bank of America Gen'l Ckg	
	Bill	10/22/2019	006492990009		Policy # 00-649299-0009	60191 · Life & Disab.Ins Benefits	883.93
TOTAL							<u>883.93</u>
	Bill Pmt -Check	10/25/2019	21789	STAULA, MARY L	Retiree Medical	1012 · Bank of America Gen'l Ckg	
	Bill	11/01/2019			Retiree Medical	60182.4 · Retiree Medical	25.87
TOTAL							<u>25.87</u>
	Bill Pmt -Check	10/25/2019	21790	UNITED HEALTHCARE	052546566949	1012 · Bank of America Gen'l Ckg	
	Bill	10/22/2019	052546566949		Dental Insurance Premium - November 2019	60182.2 · Dental & Vision Ins	744.12
TOTAL							<u>744.12</u>
P35	Bill Pmt -Check	10/25/2019	21791	VERIZON WIRELESS	Wireless Services	1012 · Bank of America Gen'l Ckg	
	Bill	09/30/2019	9839428929		Acct #470810953-00001	6022 · Telephone	298.61
	Bill	10/22/2019	9840019260		Acct #642073270-00001	7103.7 · Grdwtr Qual-Computer Svc	100.06
TOTAL						<u>398.67</u>	
	Bill Pmt -Check	10/25/2019	ACH 102519	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
	Bill	10/01/2019	15817842		Annual Unfunded Accrued Liability-Plan 3299	60180 · Employers PERS Expense	6,655.12
TOTAL							<u>6,655.12</u>
	General Journal	10/31/2019	10/31/2019	Wage Works FSA Direct Debits - Oct. 2019	Wage Works FSA Direct Debits - Oct. 2019	1012 · Bank of America Gen'l Ckg	
					Wage Works FSA Direct Debits - October 2019	1012 · Bank of America Gen'l Ckg	516.93
					Wage Works FSA Direct Debits - October 2019	1012 · Bank of America Gen'l Ckg	516.93
					Wage Works FSA Direct Debits - October 2019	1012 · Bank of America Gen'l Ckg	76.25
TOTAL							<u>1,110.11</u>
						Total Disbursements:	<u><u>884,105.14</u></u>

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CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: December 12, 2019
TO: AP/ONAP/OAP Members
SUBJECT: VISA Check Detail Report - Financial Report B2 (October 31, 2019)
(Consent Calendar Item I.B.2.)

SUMMARY

Issue: Record of VISA credit card payment disbursed for the month of October 2019.

Recommendation: Receive and file VISA Check Detail Report for October 2019 as presented.

Financial Impact: Funds disbursed were included in the FY 2019/20 "Amended" Watermaster Budget.

Future Consideration

Appropriative Pool – December 12, 2019: Receive and File
Non-Agricultural Pool – December 12, 2019: Receive and File
Agricultural Pool – December 12, 2019: Receive and File
Advisory Committee – December 19, 2019: Receive and File
Watermaster Board – December 19, 2019: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – December 12, 2019:
Non-Agricultural Pool – December 12, 2019:
Agricultural Pool – December 12, 2019:
Advisory Committee – December 19, 2019:
Watermaster Board – December 19, 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

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 October 2019 was \$2,043.64. The payment was processed in the amount of \$2,043.64 (by check number 21760 dated October 18, 2019). The monthly charges for October 2019 of \$2,043.64 were for routine and customary expenditures and properly documented with receipts.

ATTACHMENTS

1. Financial Report - B2

CHINO BASIN WATERMASTER
VISA Check Detail Report
October 2019

Type	Num	Date	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/18/2019	21760	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2019	XXXX-XXXX-XXXX-9341		Miscellaneous office supplies	6031.7 · Other Office Supplies	21.03
				Membership renewal for JJ	6111 · Membership Dues	165.72
				Miscellaneous office supplies	6031.7 · Other Office Supplies	49.16
				Storage plan	6054 · Computer Software	0.87
				Miscellaneous office supplies	6031.7 · Other Office Supplies	42.50
				Miscellaneous office supplies	6031.7 · Other Office Supplies	63.31
				Miscellaneous office supplies	6031.7 · Other Office Supplies	66.63
				Miscellaneous office supplies	6031.7 · Other Office Supplies	41.17
				Flight-Nakano-Groundwater Week Conference	6191 · Conferences - General	147.28
				Miscellaneous office supplies	6031.7 · Other Office Supplies	411.25
				Miscellaneous office supplies	6031.7 · Other Office Supplies	9.82
				Registration-ETF-ACWA 2019 Reg. Summit	6193.2 · Conference - Registration Fee	254.30
				PK meeting w/V. Jew and J. Bosler	8312 · Meeting Expenses	42.11
				Lunch-staff/legal counsel between Pool meetings	8412 · Meeting Expenses	74.54
				Lunch for Board Officers/Pool Chairs meeting	6312 · Meeting Expenses	130.61
				Lunch for 9/25/19 Leadership Forum	6196 · Admin. Leadership Forum	188.53
				New batteries for AED device in office	6031.7 · Other Office Supplies	159.68
				PK meeting w/L. Skrzat (CBWCD)	8312 · Meeting Expenses	28.07
				PK meeting w/G. Filippi	6312 · Meeting Expenses	16.00
				Lunch-10/03/19 Board Officers/Pool Chairs mtg.	6312 · Meeting Expenses	84.35
				PK meeting w/K. Gienger, S. Burton	8312 · Meeting Expenses	46.71
					Total Disbursements:	<u>2,043.64</u>

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

STAFF REPORT

DATE: December 12, 2019

TO: AP/ONAP/OAP Members

SUBJECT: Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2019 through October 31, 2019 - Financial Report B3 (October 31, 2019)
(Consent Calendar Item I.B.3.)

SUMMARY

Issue: Record of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2019 through October 31, 2019.

Recommendation: Receive and file Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2019 through October 31, 2019 as presented.

Financial Impact: Funds disbursed were included in the FY 2019/20 "Amended" Watermaster Budget.

Future Consideration

Appropriative Pool – December 12, 2019: Receive and File
Non-Agricultural Pool – December 12, 2019: Receive and File
Agricultural Pool – December 12, 2019: Receive and File
Advisory Committee – December 19, 2019: Receive and File
Watermaster Board – December 19, 2019: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – December 12, 2019:
Non-Agricultural Pool – December 12, 2019:
Agricultural Pool – December 12, 2019:
Advisory Committee – December 19, 2019:
Watermaster Board – December 19, 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

A Combining Schedule of Revenue, Expenses and Changes in Net Assets for the period July 1, 2019 through October 31, 2019 is provided to keep all members apprised of the FY 2019/20 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, 2019 THROUGH OCTOBER 31, 2019

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	WATERMASTER ADMINISTRATION	OPTIMUM BASIN MANAGEMENT	POOL ADMINISTRATION & SPECIAL PROJECTS			GROUNDWATER REPLENISHMENT	LAIF VALUE ADJ.	GASB 75 BEG. NET POSITION	GRAND TOTALS	AMENDED BUDGET 2019-2020
			APPROPRIATIVE POOL	AG POOL	NON-AG POOL					
Administrative Revenues:										
Administrative Assessments			295,905		-				295,905	8,365,297
Interest Revenue			43,278	3,119	84				46,481	75,124
Mutual Agency Project Revenue	171,905								171,905	171,906
Miscellaneous Income	35								35	0
Total Revenues	171,941	-	339,182	3,119	84	-	-	-	514,326	8,612,327
Administrative & Project Expenditures:										
Watermaster Administration	537,908								537,908	1,589,738
Watermaster Board-Advisory Committee	47,192								47,192	234,147
Ag Pool Misc. Expense - Ag Fund				-					-	400
Pool Administration			41,194	137,062	33,878				212,134	768,473
Optimum Basin Mgmt Administration		807,521							807,521	2,083,340
OBMP Project Costs		1,267,791							1,267,791	3,980,468
Debt Service		633,440							633,440	633,440
Basin Recharge Improvements		-							-	1,634,782
Total Administrative/OBMP Expenses	585,100	2,708,752	41,194	137,062	33,878	-	-	-	3,505,986	10,924,788
Net Administrative/OBMP Expenses	(413,159)	(2,708,752)								
Allocate Net Admin Expenses To Pools	413,159		315,497	89,331	8,332				-	
Allocate Net OBMP Expenses To Pools		2,075,312	1,587,079.29	448,710	39,522				-	
Allocate Debt Service to App Pool		633,440	633,440						-	
Allocate Basin Recharge to App Pool		-	-						-	
Agricultural Expense Transfer*			675,102	(675,102)					-	
Total Expenses			3,252,313	-	81,732	-	-	-	3,505,986	10,924,788
Net Administrative Income			(2,913,131)	3,119	(81,649)	-	-	-	(2,991,660)	(2,312,461)
Other Income/(Expense)										
Replenishment Water Assessments						-			-	0
Desalter Replenishment Obligation						64,911			64,911	0
Non-Ag Stored Water Purchases									-	0
Exhibit "G" Non-Ag Pool Water			-						-	0
RTS Charges from IEUA						(31,147)			(31,147)	0
Interest Revenue						2,206			2,206	0
MWD Water Purchases									-	0
Non-Ag Stored Water Purchases									-	0
Exhibit "G" Non-Ag Pool Water			-						-	0
MWD Water Purchases									-	0
Groundwater Replenishment									-	0
LAIF - Fair Market Value Adjustment							-		-	0
Other Post-Employment Benefits (OPEB)									-	0
Refund-Excess Reserves									-	0
Refund-Recharge Debt									-	0
Funding To/(From) Reserves									-	0
Net Other Income/(Expense)			-	-	-	35,970	-	-	35,970	0
Net Transfers To/(From) Reserves	(2,955,690)	(2,913,131)	3,119	(81,649)	35,970	-	-	-	(2,955,690)	(2,312,461)
Net Assets, July 1, 2019	0		7,737,657	505,144	25,310	314,372	16,184	(443,445)	8,155,223	
Net Assets, End of Period			4,824,526	508,263	(56,338)	350,343	16,184	(443,445)	5,199,533	5,199,533
18/19 Assessable Production			75,114.142	21,785.871	3,860.993				100,761.006	
18/19 Production Percentages			74.547%	21.621%	3.832%				100.000%	

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

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CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: December 12, 2019

TO: AP/ONAP/OAP Members

SUBJECT: Treasurer's Report of Financial Affairs for the Period October 1, 2019 through October 31, 2019 - Financial Report B4 (October 31, 2019)
(Consent Calendar Item I.B.4.)

SUMMARY

Issue: Record of increases or decreases in the cash position, assets and liabilities of Watermaster for the Period of October 1, 2019 through October 31, 2019.

Recommendation: Receive and file Treasurer's Report of Financial Affairs for the Period October 1, 2019 through October 31, 2019 as presented.

Financial Impact: Funds disbursed were included in the FY 2019/20 "Amended" Watermaster Budget.

Future Consideration

Appropriative Pool – December 12, 2019: Receive and File
Non-Agricultural Pool – December 12, 2019: Receive and File
Agricultural Pool – December 12, 2019: Receive and File
Advisory Committee – December 19, 2019: Receive and File
Watermaster Board – December 19, 2019: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – December 12, 2019:
Non-Agricultural Pool – December 12, 2019:
Agricultural Pool – December 12, 2019:
Advisory Committee – December 19, 2019:
Watermaster Board – December 19, 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

A Treasurer's Report of Financial Affairs for the Period October 1, 2019 through October 31, 2019 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
OCTOBER 1, 2019 THROUGH OCTOBER 31, 2019**

Financial Report - B4

DEPOSITORIES:

Cash on Hand - Petty Cash			\$ 500
Bank of America			
Governmental Checking-Demand Deposits	\$ 475,096		
Zero Balance Account - Payroll	-		475,096
Trust Account - County of San Bernardino			845
Local Agency Investment Fund - Sacramento			<u>6,522,392</u>
TOTAL CASH IN BANKS AND ON HAND		10/31/2019	\$ 6,998,833
TOTAL CASH IN BANKS AND ON HAND		9/30/2019	<u><u>7,466,027</u></u>
PERIOD INCREASE (DECREASE)			<u><u>\$ (467,194)</u></u>

CHANGE IN CASH POSITION DUE TO:

Decrease/(Increase) in Assets:			
Accounts Receivable			\$ 25,010
Assessments Receivable			360,816
Prepaid Expenses, Deposits & Other Current Assets			(37,657)
(Decrease)/Increase in Liabilities:			
Accounts Payable			(299,839)
Accrued Payroll, Payroll Taxes & Other Current Liabilities			16,268
Long Term Liabilities			2,350
Transfer to/(from) Reserves			<u>(534,142)</u>
PERIOD INCREASE (DECREASE)			<u><u>\$ (467,194)</u></u>

SUMMARY OF FINANCIAL TRANSACTIONS:

	Petty Cash	Gov't'l Checking Demand	Zero Balance Account Payroll	Trust Account County of San Bernardino	Local Agency Investment Funds	Totals
Balances as of 9/30/2019	\$ 500	\$ 455,977	\$ -	\$ 845	\$ 7,008,705	\$ 7,466,027
Deposits	-	903,224	-	-	48,687	951,911
Transfers	-	(126,705)	(79,647)	-	(535,000)	(741,352)
Withdrawals/Checks	-	(757,401)	79,647	-	-	(677,754)
Balances as of 10/31/2019	<u>\$ 500</u>	<u>\$ 475,096</u>	<u>\$ -</u>	<u>\$ 845</u>	<u>\$ 6,522,392</u>	<u>\$ 6,998,833</u>
PERIOD INCREASE OR (DECREASE)	<u>\$ -</u>	<u>\$ 19,119</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ (486,313)</u>	<u>\$ (467,194)</u>

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**CHINO BASIN WATERMASTER
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD
OCTOBER 1, 2019 THROUGH OCTOBER 31, 2019**

INVESTMENT TRANSACTIONS

Effective Date	Transaction	Depository	Activity	Redeemed	Days to Maturity	Interest Rate(*)	Maturity Yield
10/15/2019	Interest		48,687				
10/28/2019	Withdrawal		(535,000)				
TOTAL INVESTMENT TRANSACTIONS			\$ (486,313)	\$0			

* The earnings rate for L.A.I.F. is a daily variable rate; 2.45% was the effective yield rate at the Quarter ended September 30, 2019.

**INVESTMENT STATUS
October 31, 2019**

<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	\$ 6,522,392			
TOTAL INVESTMENTS	\$ 6,522,392			

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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

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: December 12, 2019
TO: AP/ONAP/OAP Members
SUBJECT: Budget vs. Actual Report for the Period July 1, 2019 through October 31, 2019 -
Financial Report B5 (October 31, 2019)
(Consent Calendar Item I.B.5.)

SUMMARY

Issue: Record of revenues and expenses of Watermaster for the Period of July 1, 2019 through October 31, 2019.

Recommendation: Receive and file Budget vs. Actual Report for the Period July 1, 2019 through October 31, 2019 as presented.

Financial Impact: Funds disbursed were included in the FY 2019/20 "Amended" Watermaster Budget.

Future Consideration

Appropriative Pool – December 12, 2019: Receive and File
Non-Agricultural Pool – December 12, 2019: Receive and File
Agricultural Pool – December 12, 2019: Receive and File
Advisory Committee – December 19, 2019: Receive and File
Watermaster Board – December 19, 2019: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – December 12, 2019:
Non-Agricultural Pool – December 12, 2019:
Agricultural Pool – December 12, 2019:
Advisory Committee – December 19, 2019:
Watermaster Board – December 19, 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

A Budget vs. Actual Report for the period July 1, 2019 through October 31, 2019 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 – OCTOBER 2019

Year-To-Date (YTD) for the four months ending October 31, 2019, all but one category was at or below the projected budget. The category over budget was: (1) Groundwater Quality Monitoring expenses (7103's) over budget by \$48,741 or 40.6% as a result of increased monitoring activities performed by the Watermaster field operations staff during the last four months. For the majority of the expense categories within the Watermaster budget for FY 2019/20, the individual line-item budgets are divided into 12-monthly amounts and allocated accordingly. As the fiscal year progresses, the category listed above could level out over time and be within the budget levels.

Overall, the Watermaster (YTD) Actual Expenses were \$2,652,448 or 43.1% below the (YTD) Budgeted Expenses of \$6,158,434.

PREVIOUSLY REPORTED ACTIONS (Descending Order)

August 2019:

There were no Pool, Advisory or Board meetings scheduled for the month of August 2019.

July 2019:

During the month of July 2019, the "Carry Over" funding was calculated. The Total "Carry Over" funding amount of \$2,312,460.70 has been posted to the general ledger accounts. The total amount of \$2,312,460.70 consisted of \$1,634,781.70 from Capital Improvement Projects, \$357,050.00 from OBMP Activities, \$313,129.00 from Engineering Services, and \$7,500.00 from Administration Services. More detailed information is provided regarding this issue under the "Carry Over" Funding section.

The Amended Budget for FY 2019/20 is \$10,924,787.70 which includes \$2,312,460.70 for the prior years "Carry Over" funding. The Original Approved budget for FY 2019/20 of \$8,612,327 was adopted by the Watermaster Board on May 23, 2019 ($\$8,612,327 + \$2,312,460.70 = \$10,924,787.70$).

SALARIES EXPENSE

CURRENT MONTH – OCTOBER 2019

As of October 31, 2019, the total (YTD) Watermaster salary expenses were \$633 or 0.09% below the (YTD) budgeted amount of \$661,580. 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).

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 2019/20 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 October 31, 2019. 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 '19 - Oct '19 Actual	Jul '19 - Oct '19 Budget	\$ Over Budget	% of Budget	FY 2019/20 Annual Budget
WM Salary Expense					
6011 · WM Staff Salaries	388,107.59	367,176.00	20,931.59	105.7%	1,084,836.00
6011.1 · WM Staff Salaries - Overtime	2,677.41	0.00	2,677.41	100.0%	0.00
6011.4 · 457(f) NQDC Plan	11,071.92	12,842.00	-1,770.08	86.22%	38,528.00
6017 · Temporary Services	0.00	7,000.00	-7,000.00	0.0%	21,000.00
6201 · Advisory Committee - WM Staff Salaries	6,942.31	9,274.00	-2,331.69	74.86%	27,400.00
6301 · Watermaster Board - WM Staff Salaries	12,857.37	14,811.00	-1,953.63	86.81%	43,759.00
8301 · Appropriative Pool - WM Staff Salaries	11,904.98	13,753.00	-1,848.02	86.56%	40,634.00
8401 · Agricultural Pool - WM Staff Salaries	6,262.09	11,672.00	-5,409.91	53.65%	34,488.00
8501 · Non-Agricultural Pool - WM Staff Salaries	5,936.75	7,997.00	-2,060.25	74.24%	23,626.00
6901 · OBMP - WM Staff Salaries	69,747.30	42,768.00	26,979.30	163.08%	126,360.00
7101.1 · Production Monitor - WM Staff Salaries	17,483.68	26,161.00	-8,677.32	66.83%	77,293.00
7102.1 · In-line Meter - WM Staff Salaries	0.00	5,746.00	-5,746.00	0.0%	16,978.00
7103.1 · Grdwater Quality - WM Staff Salaries	32,076.99	19,514.00	12,562.99	164.38%	57,654.00
7104.1 · Grdwater Level - WM Staff Salaries	21,170.42	19,942.00	1,228.42	106.16%	58,918.00
7107.1 · GrdLevel Monitoring - WM Staff Salaries	711.20	2,052.00	-1,340.80	34.66%	6,072.00
7108.1 · Hydraulic Control - WM Staff Salaries	460.86	1,389.00	-928.14	33.18%	4,104.00
7108.11 · Prado Basin - WM Staff Salaries	399.02	2,031.00	-1,631.98	19.65%	6,003.00
7201 · Comp Recharge - WM Staff Salaries	17,199.89	20,935.00	-3,735.11	82.16%	61,853.00
7301 · PE3&5 - WM Staff Salaries	199.52	5,826.00	-5,626.48	3.43%	17,214.00
7401 · PE4 - WM Staff Salaries	2,553.81	3,568.00	-1,014.19	71.58%	10,541.00
7501 · PE6&7 - WM Staff Salaries	269.35	1,919.00	-1,649.65	14.04%	5,671.00
7501.1 · PE 6&7 - WM Staff Salaries (Plume)	0.00	1,833.00	-1,833.00	0.0%	5,415.00
7601 · PE8&9 - WM Staff Salaries	7,074.19	7,723.00	-648.81	91.6%	22,818.00
Subtotal WM Staff Costs	615,106.65	605,932.00	9,174.65	101.51%	1,791,165.00
60185 · Vacation	28,160.38	27,402.00	758.38	102.77%	82,204.00
60186 · Sick Leave	5,738.93	18,831.00	-13,092.07	30.48%	56,493.00
60187 · Holidays	13,206.81	9,415.00	3,791.81	140.27%	70,615.00
Subtotal WM Paid Leaves	47,106.12	55,648.00	-8,541.88	84.65%	209,312.00
Total WM Salary Costs	662,212.77	661,580.00	632.77	100.1%	2,000,477.00

PREVIOUSLY REPORTED ACTIONS (Descending Order)
None

LEGAL SERVICES
BROWNSTEIN HYATT FARBER SCHRECK EXPENSES

CURRENT MONTH – OCTOBER 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

As of October 31, 2019, 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 \$131,514 or 36.5% below the (YTD) budgeted amount of \$360,586.

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 2019/20. 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 \$958,953.

WATERMASTER ADMINISTRATIVE LEGAL SERVICES:

Overall, the Watermaster Administrative Legal Services expense (6070's) as of October 31, 2019, was \$10,236 or 8.6% below the budgeted amount of \$118,675. The specific items within the Administrative Legal Services expenses (6070's) which were over budget were the Rules and Regulations (6072) which were over budget by \$4,381 or 121.4%; the Miscellaneous (6078) which were over budget by \$63,260 or 198.6%; and the Ely Basin Investigation (6078.25) which were over budget by \$867 or 100%. 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 Court Coordination expenses (6072) under budget by \$11,651 or 91.3%; Personnel Matters (6073) under budget by \$5,782 or 87.6%; Interagency Issues (6074) under budget by \$11,880 or 100.0%; Party Status Maintenance expenses (6077) under budget by \$6,250 or 100.0%; and Assessment Packages-Updates (6078.13) under budget by \$43,181 or 94.4%.

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 October 31, 2019 was \$37,132 or 56.5% below the budgeted amount of \$65,700. Normal Brownstein Hyatt Farber Schreck meeting attendance during any given month includes attendance at all three pool meetings, one Advisory Committee meeting and one Board meeting. For the month of August 2019, no Watermaster meetings were held. The legal services budget was developed with the assumption of having eleven months of meetings, intentionally excluding the month of December 2019. For December 2019, meetings will be conducted during the month.

OBMP LEGAL SERVICES:

The OBMP legal expenses (accounts 6907.31 through 6907.90) were below the budget for the month. As of October 31, 2019, the category of OBMP legal expenses were \$84,147 or 47.8% below the budgeted amount of \$176,211. The majority of expenses within this OBMP category were under budget (YTD), however, the OBMP Update expenses (6907.45) were over budget by \$43,823 or 121.5%; and the Upper SAR Integrated Model expenses (6907.46) were over budget by \$178 or 100%.

The table listed below summarizes the Brownstein Hyatt Farber Schreck (BHFS) expenses as of October 31, 2019 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 '19 - Oct '19</u> <u>Actual</u>	<u>Jul '19 - Oct '19</u> <u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>	<u>FY 2019/20</u> <u>Annual Budget</u>
6070 · Watermaster Legal Services					
6071 · BHFS Legal - Court Coordination	1,115.10	12,766.00	-11,650.90	8.74%	38,300.00
6072 · BHFS Legal - Rules & Regulations	7,989.87	3,609.00	4,380.87	221.39%	10,825.00
6073 · BHFS Legal - Personnel Matters	818.10	6,600.00	-5,781.90	12.4%	9,900.00
6074 · BHFS Legal - Interagency Issues	0.00	11,880.00	-11,880.00	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	0.00	6,250.00	-6,250.00	0.0%	18,750.00
6078 · BHFS Legal - Miscellaneous (Note 1)	95,110.32	31,850.00	63,260.32	298.62%	95,550.00
6078.13 · BHFS - Assessment Packages-Updates	2,539.35	45,720.00	-43,180.65	5.55%	57,150.00
6078.25 · BHFS - Ely # Basin Investigation	866.70	0.00	866.70	100.0%	0.00
Total 6070 · Watermaster Legal Services	108,439.44	118,675.00	-10,235.56	91.38%	266,115.00
6275 · BHFS Legal - Advisory Committee	2,589.44	7,920.00	-5,330.56	32.7%	21,780.00
6375 · BHFS Legal - Board Meeting	12,831.15	28,080.00	-15,248.85	45.7%	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	4,382.48	9,900.00	-5,517.52	44.27%	27,225.00
8475 · BHFS Legal - Agricultural Pool	4,382.48	9,900.00	-5,517.52	44.27%	27,225.00
8575 · BHFS Legal - Non-Ag Pool	4,382.47	9,900.00	-5,517.53	44.27%	27,225.00
Total BHFS Legal Services	28,568.02	65,700.00	-37,131.98	43.48%	192,713.00
6907.3 · WM Legal Counsel					
6907.31 · Archibald South Plume	0.00	4,373.00	-4,373.00	0.0%	13,125.00
6907.32 · Chino Airport Plume	0.00	4,373.00	-4,373.00	0.0%	13,125.00
6907.33 · Desalter/Hydraulic Control	89.10	7,873.00	-7,783.90	1.13%	23,625.00
6907.34 · Santa Ana River Water Rights	2,698.65	5,427.00	-2,728.35	49.73%	16,275.00
6907.36 · Santa Ana River Habitat	2,667.60	15,782.00	-13,114.40	16.9%	47,350.00
6907.38 · Reg. Water Quality Cntrl Board	623.70	9,182.00	-8,558.30	6.79%	27,550.00
6907.39 · Recharge Master Plan	3,404.73	7,234.00	-3,829.27	47.07%	21,700.00
6907.40 · Storage Agreements	0.00	11,136.00	-11,136.00	0.0%	33,400.00
6907.41 · Prado Basin Habitat Sustainability	0.00	5,418.00	-5,418.00	0.0%	16,250.00
6907.42 · Safe Yield Recalculation	0.00	0.00	0.00	0.0%	0.00
6907.44 · SGMA Compliance	534.60	3,618.00	-3,083.40	14.78%	10,850.00
6907.45 · OBMP Update	79,887.33	36,064.00	43,823.33	221.52%	108,200.00
6907.46 · Upper SAR Integrated Model	178.20	0.00	178.20	100.0%	0.00
6907.47 · 2020 Safe Yield Reset	1,980.45	36,064.00	-34,083.55	5.49%	108,200.00
6907.48 · Ely Basin Investigation	0.00	19,017.00	-19,017.00	0.0%	28,525.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	10,650.00	-10,650.00	0.0%	31,950.00
Total 6907 · WM Legal Counsel	92,064.36	176,211.00	-84,146.64	52.25%	500,125.00
Total Brownstein, Hyatt, Farber, Schreck Costs	229,071.82	360,586.00	-131,514.18	63.53%	958,953.00

Note 1: The types of legal activities that have been charged against the "Miscellaneous" legal category account 6078 are as follows: (1) Correspondence and discussions with Watermaster staff regarding current issues/topics; (2) Correspondence with Watermaster staff regarding special projects (assessment package, replenishment obligations, annual report, audit report, business plan, etc.); (3) Brownstein's status review of ongoing Watermaster projects and issues; (4) Brownstein's update of the outstanding issues list; (5) Coordination of ongoing Watermaster projects; (6) Review of draft documents 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) Right of Entry Agreements for various locations; (21) Assessment Packages-Updates and Review; and (22) Miscellaneous legal research on current and pending issues.

PREVIOUSLY REPORTED ACTIONS (Descending Order)

None

OBMP ENGINEERING SERVICES AND LEGAL COSTS

CURRENT MONTH – OCTOBER 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

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 four months ending October 31, 2019, the actual expenses of \$758,947 were below the budgeted amount of \$832,477 by \$73,530 or 8.8%. For a detailed discussion, the following is provided.

For October 31, 2019, the accounts 6901-6903 (Optimum Basin Mgmt. Program) section was above the Year-To-Date (YTD) budget by \$15,619 or 22.6%. 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 more time on specific OBMP related areas as budgeted. As a result, Watermaster staff allocated more actual time to the OBMP project as budgeted, which resulted in an over-budget variance of \$26,979 or 63.1%. The remaining expense was the Santa Ana Watershed Project Authority (SAWPA) FY 2019/20 Basin Monitoring Program Task Force Contribution which was budgeted at \$26,392 and actual expenses were \$11,360 or 43.0% below budget as of October 31, 2019.

For October 31, 2019, the accounts 6906 (Optimum Basin Mgmt. Program Engineering Services) section was below the Year-To-Date (YTD) budget by \$3,990 or 0.7%. The majority of expenses within this OBMP category were under budget (YTD), however, the accounts which were over budget were as follows: the Water Rights Compliance Reporting expenses (6906.22) which were over budget by \$4,499 or 65.3%; the 2019 OBMP Update expenses (6906.26) which were over budget by \$43,838 or 19.12%; and the OBMP-Safe Yield Recalculation expenses (6906.73) which were over budget by \$42,825 or 31.8%.

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 \$44,001 while some other line item activities were below the budget by \$128,148. Above the budget line item were the OBMP Update expenses of \$43,823; and the Upper SAR Integrated Model expenses of \$178. The individual legal projects/activities that were below budget for the Year-To-Date (YTD) period were the Archibald South Plume of \$4,373; the Chino Airport Plume of \$4,373; the Desalter/Hydraulic Control of \$7,784; the Santa Ana River Water Rights of \$2,728; Santa Ana River Habitat of \$13,114; the Regional Water Quality Control Board of \$8,558; the Recharge Master Plan expenses of \$3,829; Storage Agreements of \$11,136; the Prado Basin Habitat Sustainability of \$5,418; SGMA Compliance of \$3,083; the 2020 Safe Yield Reset of \$34,084; the Ely Basin Investigation expenses of \$19,017; and the WM Unanticipated legal expenses of \$10,650. For the four months ended October 31, 2019, the overall cumulative (YTD) budget was \$176,211 and the actual (BHFS) legal expenses totaled \$92,064 which resulted in an under-budget variance of \$84,147 or 47.8%.

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 October 31, 2019, this category of expenses was \$1,013 or 16.4% below the budgeted amount of \$6,164.

The WEI Support for IEUA expenses are categorized within the category (6910's). 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 October 31, 2019, this category of expenses were fully invoiced in the amount of \$0 to IEUA.

Overall, the Optimum Basin Management Program (OBMP) category was \$758,947 compared to a (YTD) budget of \$832,477 for an under budget of \$73,530 or 8.8% as of October 31, 2019.

The table listed below summarizes the Optimum Basin Management Program (OBMP) expenses as of October 31, 2019 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:

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	Jul '19 - Oct '19 Actual	Jul '19 - Oct '19 Budget	\$ Over Budget	% of Budget	FY 2019/20 Annual Budget
6900 · Optimum Basin Mgmt Plan					
6901 · WM Staff Salaries	69,747.30	42,768.00	26,979.30	163.08%	126,360.00
6903 · OBMP SAWPA Group	15,032.00	26,392.00	-11,360.00	56.96%	26,392.00
Total 6901-6903 · OBMP WM Staff/SAWPA	84,779.30	69,160.00	15,619.30	122.58%	152,752.00
6906 · OBMP Engineering Services					
6906.1 · OBMP - Watermaster Model Update	0.00	2,854.00	-2,854.00	0.0%	4,280.00
6906.15 · Integrated Model Mtgs. - IEUA Costs	5,163.60	6,960.00	-1,796.40	74.19%	20,880.00
6906.17 · Planning Study Analysis	0.00	3,942.00	-3,942.00	0.0%	11,826.00
6906.18 · Prado Dam FS/EIS/EIR-50% IEUA	0.00	6,184.00	-6,184.00	0.0%	18,560.00
6906.21 · State of the Basin Report	0.00	0.00	0.00	0.0%	0.00
6906.22 · Water Rights Compliance Reporting	11,386.55	6,888.00	4,498.55	165.31%	20,664.00
6906.23 · SGMA Reporting Requirements	0.00	4,530.00	-4,530.00	0.0%	13,590.00
6906.24 · Compliance - SB88 and SWRCB	0.00	2,812.00	-2,812.00	0.0%	8,444.00
6906.26 · 2019 OBMP Update	273,469.83	229,632.00	43,837.83	119.09%	388,896.00
6906.27 · HCP Meetings/Tech. Review-IEUA Cost	0.00	5,042.00	-5,042.00	0.0%	15,130.00
6906.28 · Agriculture Prod. & Estimation	0.00	7,740.00	-7,740.00	0.0%	23,220.00
6906.31 · OBMP - Pool, Advisory, Board Mtgs.	19,314.14	34,458.00	-15,143.86	56.05%	103,374.00
6906.32 · OBMP - Other General Meetings	25,761.97	28,285.00	-2,523.03	91.08%	84,853.00
6906.71 · OBMP - Data Requests - CBWM Staff	27,382.10	42,322.00	-14,939.90	64.7%	126,964.00
6906.72 · OBMP - Data Requests - Non CBWM	16,562.70	16,994.00	-431.30	97.46%	50,980.00
6906.73 · OBMP - Safe Yield Recalculation	177,525.48	134,700.00	42,825.48	131.79%	276,608.00
6906.74 · OBMP - Mat'l Phy. Injury Requests	8,997.00	24,993.00	-15,996.00	36.0%	74,977.00
6906.81 · Prepare Annual Reports	7,015.30	10,278.00	-3,262.70	68.26%	15,416.00
6906 · OBMP Engineering Services - Other	4,373.70	12,328.00	-7,954.30	35.48%	36,976.00
Total 6906 · OBMP Engineering Services	576,952.37	580,942.00	-3,989.63	99.31%	1,295,638.00
6907 · OBMP Legal Fees					
6907.3 · WM Legal Counsel					
6907.31 · Archibald South Plume	0.00	4,373.00	-4,373.00	0.0%	13,125.00
6907.32 · Chino Airport Plume	0.00	4,373.00	-4,373.00	0.0%	13,125.00
6907.33 · Desalter/Hydraulic Control	89.10	7,873.00	-7,783.90	1.13%	23,625.00
6907.34 · Santa Ana River Water Rights	2,698.65	5,427.00	-2,728.35	49.73%	16,275.00
6907.36 · Santa Ana River Habitat	2,667.60	15,782.00	-13,114.40	16.9%	47,350.00
6907.38 · Reg. Water Quality Cntrl Board	623.70	9,182.00	-8,558.30	6.79%	27,550.00
6907.39 · Recharge Master Plan	3,404.73	7,234.00	-3,829.27	47.07%	21,700.00
6907.40 · Storage Agreements	0.00	11,136.00	-11,136.00	0.0%	33,400.00
6907.41 · Prado Basin Habitat Sustainability	0.00	5,418.00	-5,418.00	0.0%	16,250.00
6907.42 · Safe Yield Recalculation	0.00	0.00	0.00	0.0%	0.00
6907.44 · SGMA Compliance	534.60	3,618.00	-3,083.40	14.78%	10,850.00
6907.45 · OBMP Update	79,887.38	36,064.00	43,823.38	221.52%	108,200.00
6907.46 · Upper SAR Integrated Model	178.20	0.00	178.20	100.0%	0.00
6907.47 · 2020 Safe Yield Reset	1,980.45	36,064.00	-34,083.55	5.49%	108,200.00
6907.48 · Ely Basin Investigation	0.00	19,017.00	-19,017.00	0.0%	28,525.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	10,650.00	-10,650.00	0.0%	31,950.00
Total 6907 · WM Legal Counsel	92,064.41	176,211.00	-84,146.59	52.25%	500,125.00
Total 6907 · OBMP Legal Fees	92,064.41	176,211.00	-84,146.59	52.25%	500,125.00
6909 · OBMP Other Expenses					
6909.1 · OBMP Meetings	998.35	500.00	498.35	199.67%	1,500.00
6909.3 · Other OBMP Expenses	0.00	664.00	-664.00	0.0%	2,000.00
6909.6 · OBMP Expenses - Miscellaneous	4,153.00	5,000.00	-847.00	83.06%	5,000.00
6909 · OBMP Other Expenses - Other	0.00	0.00	0.00	0.0%	0.00
Total 6909 · OBMP Other Expenses	5,151.35	6,164.00	-1,012.65	83.57%	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	758,947.43	832,477.00	-73,529.57	91.17%	1,957,015.00

PREVIOUSLY REPORTED ACTIONS (Descending Order)
None

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

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

CURRENT MONTH – OCTOBER 2019

As of October 31, 2019, the total (YTD) Engineering Services expenses were \$312,310 or 22.9% below the (YTD) budget amount of \$1,362,075. The OBMP Implementation Projects (consolidated accounts 7100's – 7700's) were all under budget as of October 31, 2019, except for the Groundwater Quality-Engineering expenses (7103.3) which were over budget by \$20,413 or 28.1%; the Groundwater Quality-Laboratory Services expenses (7103.5) which were over budget by \$19,008 or 82.6%; the Hydraulic Control-Laboratory Services expenses (7108.4) which were over budget by \$12,163 or 422.5%; the PE4-Engineering expenses (7402) which were over budget by \$22,685 or 37.2%; the PE6&7 Engineering Services expenses (7502) which were over budget by \$25,435 or 82.3%; and the PE6&7-SAWBMP Task Force-50% IEUA expenses (7511) which were over budget by \$3,001 or 50.6%..

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

The first ECAC report has been provided for the period July 1, 2019 through September 30, 2019. The second ECAC report is scheduled to be issued in mid-February 2020 for the period July 1, 2019 through December 31, 2019.

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 October 31, 2019. 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 '19 - Oct '19 Actual	Jul '19 - Oct '19 Budget	\$ Over Budget	% of Budget	FY 2019/20 Annual Budget
6906 · OBMP Engineering Services - Other	4,373.70	12,328.00	-7,954.30	35.48%	36,976.00
6906.1 · OBMP - Watermaster Model Update	0.00	2,854.00	-2,854.00	0.0%	4,280.00
6906.15 · Integrated Model Mtgs-IEUA Cost	5,163.60	6,960.00	-1,796.40	74.19%	20,880.00
6906.17 · Planning Study Analysis	0.00	3,942.00	-3,942.00	0.0%	11,826.00
6906.18 · Prado Dam FS/EIS/EIR-50% IEUA	0.00	6,184.00	-6,184.00	0.0%	18,560.00
6906.21 · State of the Basin Report	0.00	0.00	0.00	0.0%	0.00
6906.22 · Water Rights Compliance Reporting	11,386.55	6,888.00	4,498.55	165.31%	20,664.00
6906.23 · SGMA Reporting Requirements	0.00	4,530.00	-4,530.00	0.0%	13,590.00
6906.24 · Compliance - SB88 and SWRCB	0.00	2,812.00	-2,812.00	0.0%	8,444.00
6906.26 · 2019 OBMP Update	273,469.83	229,632.00	43,837.83	119.09%	388,896.00
6906.27 · HCP Meetings/Technical Review-IEUA Cos	0.00	5,042.00	-5,042.00	0.0%	15,130.00
6906.28 · Agriculture Prod. & Estimation	0.00	7,740.00	-7,740.00	0.0%	23,220.00
6906.31 · OBMP - Pool, Advisory, Board Mtgs.	19,314.14	34,458.00	-15,143.86	56.05%	103,374.00
6906.32 · OBMP - Other General Meetings	25,761.97	28,285.00	-2,523.03	91.08%	84,853.00
6906.71 · OBMP - Data Requests - CBWM Staff	27,382.10	42,322.00	-14,939.90	64.7%	126,964.00
6906.72 · OBMP - Data Requests - Non CBWM	16,562.70	16,994.00	-431.30	97.46%	50,980.00
6906.73 · OBMP - Safe Yield Recalculation	177,525.48	134,700.00	42,825.48	131.79%	276,608.00
6906.74 · OBMP - Mat'l Physical Injury Requests	8,997.00	24,993.00	-15,996.00	36.0%	74,977.00
6906.76 · County Extraction Well-Modeling	0.00	0.00	0.00	0.0%	0.00
6906.81 · Prepare Annual Reports	7,015.30	10,278.00	-3,262.70	68.26%	15,416.00
6906.90 · OBMP - 2018 RMPU Master Update	0.00	0.00	0.00	0.0%	0.00
7103.3 · Grdwtr Qual-Engineering	93,057.92	72,645.00	20,412.92	128.1%	217,941.00
7103.5 · Grdwtr Qual-Lab Svcs	42,021.00	23,013.00	19,008.00	182.6%	69,045.00
7104.3 · Grdwtr Level-Engineering	48,004.26	65,290.00	-17,285.74	73.53%	195,869.00
7104.8 · Grdwtr Level-Contracted Services	0.00	3,336.00	-3,336.00	0.0%	10,000.00
7104.9 · Grdwtr Level-Capital Equipment	0.00	2,664.00	-2,664.00	0.0%	8,000.00
7107.2 · Grd Level-Engineering	12,723.29	53,229.00	-40,505.71	23.9%	101,021.00
7107.3 · Grd Level-SAR Imagery	12,000.00	42,500.00	-30,500.00	28.24%	85,000.00
7107.6 · Grd Level-Contract Svcs	13,564.51	48,918.00	-35,353.49	27.73%	126,950.00
7107.8 · Grd Level-Capital Equipment	0.00	4,348.00	-4,348.00	0.0%	13,044.00
7108.31 · Hydraulic Control-PBHSP	2,560.30	24,689.00	-22,128.70	10.37%	74,066.00
7108.4 · Hydraulic Control-Lab Svcs	15,042.00	2,879.00	12,163.00	522.47%	8,638.00
7108.41 · Hydraulic Control-PBHSP	1,262.00	5,009.00	-3,747.00	25.2%	15,026.00
7108.6 · Hydraulic Control-Outside Professionals	20,000.00	20,000.00	0.00	100.0%	28,000.00
7109.3 · Recharge & Well - Engineering	3,009.90	8,420.00	-5,410.10	0.0%	25,260.00
7202.2 · Comp Recharge-Engineering Services	4,438.45	15,870.00	-11,431.55	27.97%	47,608.00
7303 · PE3&5-Engineering - Other	0.00	3,384.00	-3,384.00	0.0%	10,160.00
7402 · PE4-Engineering	83,696.88	61,012.00	22,684.88	137.18%	111,036.00
7402.10 · PE4-MZ1 Pomona Project	49,180.07	201,761.00	-152,580.93	24.38%	204,261.00
7403 · PE4-Contract Svcs	0.00	0.00	0.00	0.0%	0.00
7502 · PE6&7-Engineering	56,341.30	30,906.00	25,435.30	182.3%	92,720.00
7510 · PE6&7-IEUA Salinity Mgmt. Plan	6,979.67	77,136.00	-70,156.33	9.05%	77,136.00
7511 · PE6&7-SAWBMP Task Force-50% IEUA	8,931.26	5,930.00	3,001.26	150.61%	17,792.00
7512 · PE6&7-Recomputation WQ-50% IEUA	0.00	8,194.00	-8,194.00	0.0%	24,584.00
7602 · PE8&9-Engineering	0.00	0.00	0.00	0.0%	0.00
Total Engineering Services Costs	1,049,765.18	1,362,075.00	-312,309.82	77.07%	2,858,795.00 *

* Wildermuth and Subcontractor Engineering Budget of \$2,545,666 plus Carryover Funds from FY 2018/19 of \$313,129
Carryover Funds from FY 2018/19 of \$313,129 = \$29,332 (7107.2); \$9,900 (7107.6); \$196,761 (7402.10); and \$77,136 (7510)

PREVIOUSLY REPORTED ACTIONS (Descending Order)

September 2019:

The first ECAC report for the current fiscal year has been provided for the period ending September 30, 2019 and shows a projected under budget at fiscal year-end June 30, 2020 of \$48,429.

The first quarter ECAC report (for the months July 2019 – September 2019) is listed below:

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

Attachment 1a
Chino Basin Watermaster: Invoice Projections for Engineering Tasks for Fiscal Year 2018/19
As of September 30, 2019

Acct #	Description	Original Budget	Revised Budget	Billed Jul-19	Billed Aug-19	Billed Sep-19	Projected Oct-19	Projected Nov-19	Projected Dec-19	Projected Jan-20
6906	OBMP Engineering	\$ 575,564	\$ 575,564	\$ 31,137	\$ 27,491	\$ 31,263	\$ 45,199	\$ 64,356	\$ 49,407	\$ 64,277
6906.26	2020 OBMP Update	388,896	388,896	97,717	79,504	38,598	46,500	81,500	46,500	12,000
6906.73	2021 Safe Yield Recalculation	276,608	276,608	53,973	53,420	40,271	30,000	30,000	40,000	40,000
6906.15	IEUA - Integrated Model Meetings and Technical	20,880	20,880	9,514	-	813	2,000	2,000	2,000	2,000
6907.16	IEUA - CBP Evaluation and Conceptual Design S	-	-	5,799	1,943	11,842	5,000	5,000	5,000	30,000
6906.27	IEUA - HCP Meetings and Technical Review	15,130	15,130	-	-	-	3,362	3,362	3,362	3,362
6906.18	OCWD and Army Corps of Engineers Prado Dam	18,560	18,560	-	-	-	-	9,280	4,640	9,280
7103.3	GW and SW Quality - Engineering Services	217,941	217,941	19,922	37,873	17,263	16,670	18,010	18,530	11,700
7103.5	GW and SW Quality - Laboratory Services	92,709	92,709	4,532	11,424	24,971	34,393	9,900	1,050	1,634
7104.3	GW Level - Engineering Services	195,869	195,869	12,723	4,405	16,462	14,500	14,200	22,160	13,275
7104.8	GW Level - Contract Services	10,000	10,000	38	-	-	-	-	-	-
7104.9	GW Level - Capital Services	8,000	8,000	(7)	-	-	-	-	-	2,000
7107.2	Ground Level - Engineering Services	69,937	69,269	11,421	4,069	2,091	4,300	4,500	5,000	9,476
7107.30	Ground Level - SAR Imagery	86,752	86,752	12,000	-	-	-	-	-	18,752
7107.6	Ground Level - Contract Services	117,050	126,950	5,175	-	-	-	-	-	7,000
7107.8	Ground Level - Capital Equipment	13,044	13,044	520	132	89	150	1,000	600	150
7108.31	IEUA - Prado Basin Habitat Monitoring	74,068	74,068	1,380	1,402	635	1,640	7,000	26,800	23,690
7108.6	IEUA - PBHSP - Outside Pro	28,000	28,000	40,060	-	-	-	10,000	-	-
7109.3	Recharge & Well Monitoring - Engineering Serv.	25,260	25,260	-	3,010	-	-	4,000	-	-
7202.2	Comp Recharge - Engineering Services	47,808	47,608	1,162	366	1,268	4,879	4,879	2,248	4,679
7206	GRCC & IEUA - SB88 Specification to Ensure Co	-	-	-	-	7,448	14,569	14,569	14,569	14,569
7303	OBMP - Engineering Services - Desalters	10,160	10,160	-	-	-	-	847	847	847
7402	OBMP - Engineering Services - MZ1	111,036	111,036	20,871	39,892	19,924	2,000	1,000	1,000	2,000
7402.1	OBMP - Engineering Services - Northwest MZ1	7,500	204,261	6,111	15,243	19,947	5,500	21,500	20,500	17,000
7502	OBMP - Engineering Services - WQC	92,720	92,720	-	12,281	39,465	5,600	-	-	2,700
7510	IEUA - Update Recycled Water Permit - Salinity	-	77,136	3,595	601	4,320	25,025	25,025	25,025	25,025
7511	IEUA - As requested services to support Waterm	17,792	17,792	-	1,592	1,179	3,500	4,500	2,000	3,500
7512	IEUA - Triennial Recomputation of Ambient Water	24,584	24,584	-	-	-	-	-	-	-
Totals		\$ 2,645,666	\$ 2,858,795	\$ 337,571	\$ 295,069	\$ 275,263	\$ 264,786	\$ 338,427	\$ 291,237	\$ 319,115

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2019-20CBWM_Invoice_Summary_ISBM_1st Qtr ECAC-Projection Summary



Attachment 1a
Chino Basin Watermaster: Invoice Projections for Engineering Tasks for Fiscal Year 2018/19
As of September 30, 2019

Acct #	Description	Projected Feb-20	Projected Mar-20	Projected Apr-20	Projected May-20	Projected Jun-20	Total Projected	Less IEUA and GRCC Portion of Cost Share			
								Total Projected	Under / (Over) Rev. Budget	YTD % Billed Rev. Budget	Projected % Rev. Budget
6906	OBMP Engineering	\$ 59,657	\$ 55,281	\$ 47,667	\$ 40,747	\$ 40,746	\$ 557,244	\$ 557,244	\$ 18,320	16%	97%
6906.26	2020 OBMP Update	4,500	1,500	1,500	1,500	1,500	411,619	411,619	(22,723)	55%	106%
6906.73	2021 Safe Yield Recalculation	5,000	20,000	-	-	-	312,664	312,664	(36,056)	53%	113%
6906.15	IEUA - Integrated Model Meetings and Technical	2,000	2,000	2,000	2,000	2,000	28,327	14,164	6,716	25%	68%
6907.16	IEUA - CBP Evaluation and Conceptual Design S	30,000	25,000	5,000	5,000	5,000	134,574	-	-	n/a	n/a
6906.27	IEUA - HCP Meetings and Technical Review	3,362	3,362	3,362	3,362	3,362	30,259	15,129	1	0%	100%
6906.18	OCWD and Army Corps of Engineers Prado Dam	9,280	4,640	-	-	-	37,120	18,560	-	0%	100%
7103.3	GW and SW Quality - Engineering Services	20,360	15,430	9,080	4,308	15,914	205,059	205,059	12,882	34%	94%
7103.5	GW and SW Quality - Laboratory Services	-	1,050	1,700	-	1,050	91,704	91,704	1,005	44%	99%
7104.3	GW Level - Engineering Services	14,300	20,250	10,634	12,812	22,431	178,352	178,352	17,517	17%	91%
7104.8	GW Level - Contract Services	-	-	-	3,000	-	8,038	8,038	1,962	0%	80%
7104.9	GW Level - Capital Services	-	-	-	11,000	-	12,993	12,993	(4,993)	0%	162%
7107.2	Ground Level - Engineering Services	9,676	12,362	12,199	6,528	9,410	91,032	91,032	8,237	19%	92%
7107.3	Ground Level - SAR Imagery	-	56,000	-	-	-	86,752	86,752	-	14%	100%
7107.6	Ground Level - Contract Services	20,050	29,725	25,000	15,000	25,000	126,950	126,950	-	4%	100%
7107.8	Ground Level - Capital Equipment	1,000	600	150	1,000	600	5,991	5,991	7,053	6%	46%
7108.31	IEUA - Prado Basin Habitat Monitoring	33,090	27,618	18,794	5,790	3,266	151,104	75,552	(1,486)	2%	102%
7108.6	IEUA - PBHSP - Outside Pro	-	-	-	-	-	50,000	25,000	3,000	71%	89%
7109.3	Recharge & Well Monitoring - Engineering Serv.	4,000	-	7,000	3,400	-	21,410	21,410	3,850	12%	85%
7202.2	Comp Recharge - Engineering Services	4,879	2,248	4,879	4,879	2,249	38,831	38,831	6,777	6%	82%
7206	GRCC & IEUA - SB88 Specification to Ensure Co	14,569	14,569	14,569	14,569	14,569	138,567	-	-	n/a	n/a
7303	OBMP - Engineering Services - Desalters	847	847	847	847	847	6,776	6,776	3,394	0%	67%
7402	OBMP - Engineering Services - MZ1	9,000	7,000	2,533	4,000	5,000	114,219	114,219	(3,183)	73%	103%
7402.1	OBMP - Engineering Services - Northwest MZ1	31,500	26,500	21,000	16,000	3,458	204,260	204,260	1	20%	100%
7502	OBMP - Engineering Services - WQC	12,000	18,000	7,500	-	-	96,546	96,546	(3,828)	55%	104%
7510	IEUA - Update Recycled Water Permit - Salinity	25,025	25,025	25,025	25,025	25,025	233,746	77,136	-	6%	100%
7511	IEUA - As requested services to support Waterm	3,500	3,000	2,000	2,000	2,000	23,770	14,385	3,407	8%	81%
7512	IEUA - Triennial Recomputation of Ambient Water	-	-	-	-	-	-	-	24,584	0%	0%
Totals		\$ 317,594	\$ 372,006	\$ 222,638	\$ 187,766	\$ 183,430	\$ 3,402,906	\$ 2,810,366	\$ 48,429	30%	98%

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

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2019-20CBWM_Invoice_Summary_ISBM_1st Qtr ECAC-Projection Summary



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

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 Fiscal Year 2019/20 Progress and Estimated Cost at Completion for the Period July 1, 2019 through September 30, 2019 report from Wildermuth Environmental, Inc. is provided. Please access this link:

<https://cbwm.syncedtool.com/shares/file/4fb416a3c5c150/?modal=1>

August 2019:

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 2019 - September 2019) is scheduled to be produced by Wildermuth Environmental, Inc. and distributed to Watermaster during the month of October 2019.

July 2019:

The breakdown of the total Task Order amount of \$2,545,666 for the FY 2019/20 Engineering Services includes direct labor costs for Wildermuth Environmental, Inc. (84.2%) at \$2,144,059 along with other direct charges such as equipment rental, laboratory fees, travel costs, reproduction costs, and outside professional services (15.8%) at \$401,607.

The approved "Original" Engineering Services budget of \$2,545,666 was increased by "Carry Over" funding in the amount of \$313,129 to the "Amended" amount of \$2,858,795 for FY 2019/20 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 2019/20 timeframe or future years. The Carry-Over amount of \$313,129 from FY 2018/19 to the FY 2019/20 budget are provided in detail as follows:

1. 7107.2 Ground-Level - Engineering Services of \$29,332. Wildermuth Environmental, Inc. requested this carryover to support the logistics, data collection, and analysis of the City of Chino Hills long-term pumping and injection tests. This work was delayed based on the City of Chino Hills schedule to conduct the long-term pumping and injection tests in FY 2019/20.
2. 7107.6 Ground-Level - Contract Services of \$9,900. Wildermuth Environmental, Inc. requested this carryover amount for surveying services associated with the long-term pumping test mentioned in item 1 above.
3. 7402.1 OBMP Engineering Services Northwest MZ-1 for \$196,761. Wildermuth Environmental, Inc. requested this carryover budget to support the continued processing and analysis of the spring 2019 ground level surveys. The analysis of the survey data was delayed because the spring 2019 survey data collected by the new surveyor (Guida Surveying, Inc.) needed to be reviewed by the former surveyor (WSP USA) and WEI to ensure consistent data reporting results between the new and former surveyors.
4. 7510 IEUA - Update Recycled Water Permit-Salinity for \$77,136. Wildermuth Environmental, Inc. requested this carryover budget to finalize the 2.5-year project to Updated Recycled Water Permit with IEUA. This work is being cost shared with IEUA and was originally scoped to be finished in FY 2019/20. However, Watermaster assessed their entire share of the budget in FY 2017/18 and FY 2018/19.

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

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

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.
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. 2019 - Oct. 2019	\$ 5,120.60	\$ (2,560.30)	\$ -	\$ 2,560.30
Totals	\$ 5,120.60	\$ (2,560.30)	\$ -	\$ 2,560.30
	7108.31	7108.31	7108.31	
Maximum Costs	\$ 204,132.00	\$ 102,066.00	\$ 102,066.00	\$ 102,066.00

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 October 31, 2019.

PREVIOUSLY REPORTED ACTIONS (Descending Order)

July 2019:

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 2019/20 annual administrative fee invoice was issued on July 9, 2019 in the amount of \$171,905.17 under invoice number 2019-07-CUP. Payment in the amount of \$171,905.17 was received and deposited on August 22, 2019.

"CARRY OVER" FUNDING
BACKGROUND OF "CARRY OVER" FUNDING

CURRENT MONTH – OCTOBER 2019

As of October 31, 2019, the total (YTD) amount remaining of the "Carried Over" funding is \$2,211,859.13 (\$2,312,460.70 - \$100,601.57 = \$2,211,859.13).

The following details are provided:

"Carried Over" Expenses At June 30, 2019

			GL Account		
Blomquist Report - Update	\$ 7,500.00	A	6061.6	FY 2017/18	ADMIN
Meter Installation - New Meter Installation	\$ 175,400.00	B	7102.65	FY 2018/19	OBMP
Meter Installation - Calibration and Testing	\$ 181,650.00	C	7102.8	FY 2018/19	OBMP
Ground Level - Engineering Services	\$ 29,332.00	D	7107.2 ²	FY 2018/19	ENG
Ground Level - Contract Services	\$ 9,900.00	E	7107.6 ³	FY 2018/19	ENG
PE4 - Northwest MZ-1 Area Project	\$ 196,761.00	F	7402.1 ⁴	FY 2018/19	ENG
IEUA - Update Recycle Water Permit - Salinity	\$ 77,136.00	G	7510 ⁵	FY 2018/19	ENG
RMPU Amendment (TO #1)	\$ 56,794.57	H	7690.15	FY 2016/17	PROJ
East Declez Basin (TO #1)	\$ 1,171.33	I	7690.16 ¹	FY 2016/17	PROJ
GWR SCADA Upgrades (TO #4)	\$ 7,025.00	J	7690.61	FY 2014/15	PROJ
GWR SCADA Upgrades (TO #4)	\$ 38,675.00	J	7690.61	FY 2015/16	PROJ
Upper Santa Ana River HCP (TO #7)	\$ 15,062.88	K	7690.7	FY 2014/15	PROJ
Upper Santa Ana River HCP (TO #7)	\$ 5,000.00	K	7690.7	FY 2015/16	PROJ
Lower Day Basin RMPU (TO #2)	\$ 238,646.90	L	7690.8	FY 2016/17	PROJ
Funds on Hold for Projects	\$ 1,272,406.02	M	7690.9	FY 2017/18	PROJ
Total Balance, June 30, 2019	\$ 2,312,460.70				

"Carried Over" Balance, July 1, 2019 \$ 2,312,460.70

Less: (Invoices Received To Date FY 2019/20)

Blomquist Report - Update	\$ -	A	6061.6	FY 2017/18	ADMIN
Meter Installation - New Meter Installation	\$ -	B	7102.65	FY 2018/19	OBMP
Meter Installation - Calibration and Testing	\$ -	C	7102.8	FY 2018/19	OBMP
Ground Level - Engineering Services	\$ (20,371.00)	D	7107.2 ²	FY 2018/19	ENG
Ground Level - Contract Services	\$ (9,900.00)	E	7107.6 ³	FY 2018/19	ENG
PE4 - Northwest MZ-1 Area Project	\$ (49,180.07)	F	7402.1 ⁴	FY 2018/19	ENG
IEUA - Update Recycle Water Permit - Salinity	\$ (21,150.50)	G	7510 ⁵	FY 2018/19	ENG
RMPU Amendment (TO #1)	\$ -	H	7690.15	FY 2016/17	PROJ
East Declez Basin (TO #1)	\$ -	I	7690.16 ¹	FY 2016/17	PROJ
GWR SCADA Upgrades (TO #4)	\$ -	J	7690.61	FY 2014/15	PROJ
GWR SCADA Upgrades (TO #4)	\$ -	J	7690.61	FY 2015/16	PROJ
Upper Santa Ana River HCP (TO #7)	\$ -	K	7690.7	FY 2014/15	PROJ
Upper Santa Ana River HCP (TO #7)	\$ -	K	7690.7	FY 2015/16	PROJ
Lower Day Basin RMPU (TO #2)	\$ -	L	7690.8	FY 2016/17	PROJ
Funds on Hold for Projects	\$ -	M	7690.9	FY 2017/18	PROJ
Updated Balance as of October 31, 2019	\$ 2,211,859.13				

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 2018/19 to perform ground level surveys for the long-term pumping test.

³ Outside professionals work not completed in FY 2018/19 to perform ground level surveys for the long-term pumping test.

⁴ Work not completed in FY 2018/19 for installation of the Pomona extensometer and monitoring program for the Northwest MZ-1 area.

⁵ Watermaster's portion of the unused FY 2018/19 budget to finalize the 2.5 year project to Update Recycled Water Permit with IEUA.

Updated Balance as of October 31, 2019						
Blomquist Report - Update	\$	7,500.00	A	6061.6	FY 2017/18	ADMIN
Meter Installation - New Meter Installation	\$	175,400.00	B	7102.65	FY 2018/19	OBMP
Meter Installation - Calibration and Testing	\$	181,650.00	C	7102.8	FY 2018/19	OBMP
Ground Level - Engineering Services	\$	8,961.00	D	7107.2 ²	FY 2018/19	ENG
Ground Level - Contract Services	\$	-	E	7107.6 ³	FY 2018/19	ENG
PE4 - Northwest MZ-1 Area Project	\$	147,580.93	F	7402.1 ⁴	FY 2018/19	ENG
IEUA - Update Recycle Water Permit - Salinity	\$	55,985.50	G	7510 ⁵	FY 2018/19	ENG
RMPU Amendment (TO #1)	\$	56,794.57	H	7690.15	FY 2016/17	PROJ
East Declz Basin (TO #1)	\$	1,171.33	I	7690.16 ¹	FY 2016/17	PROJ
GWR SCADA Upgrades (TO #4)	\$	7,025.00	J	7690.61	FY 2014/15	PROJ
GWR SCADA Upgrades (TO #4)	\$	38,675.00	J	7690.61	FY 2015/16	PROJ
Upper Santa Ana River HCP (TO #7)	\$	15,062.88	K	7690.7	FY 2014/15	PROJ
Upper Santa Ana River HCP (TO #7)	\$	5,000.00	K	7690.7	FY 2015/16	PROJ
Lower Day Basin RMPU (TO #2)	\$	238,646.90	L	7690.8	FY 2016/17	PROJ
Funds on Hold for Projects	\$	1,272,406.02	M	7690.9	FY 2017/18	PROJ
Updated Balance as of October 31, 2019	\$	2,211,859.13				

ADMINISTRATION SERVICES:

Unspent funds related to ongoing projects and associated activities from the Administration Services budget from FY 2018/19 totaling \$7,500.00 were "Carried Over" into the current FY 2019/20 budget. These funds were from the Blomquist Report-Update [A] in the amount of \$7,500 in account (6061.6).

OBMP ACTIVITIES:

Unspent funds related to ongoing projects and associated activities from the Agricultural area metering installation efforts budget from FY 2018/19 in several accounts totaling \$357,050 were "Carried Over" into the current FY 2019/20 budget. These funds were from the Meter Installation - New Meter Installation [B] in the amount of \$175,400 in account (7102.65); and Meter Installation - Calibration and Testing [C] in the amount of \$181,650 in account (7102.8). The total amount available is \$357,050 (\$175,400 + \$181,650 = \$357,050).

ENGINEERING SERVICES:

Unspent funds related to ongoing projects and associated activities from the Engineering Services budget from FY 2018/19 in several accounts totaling \$313,129 were "Carried Over" into the current FY 2019/20 budget. These funds were from the Ground Level - Engineering Services [D] in the amount of \$29,332 in account (7107.2); Ground Level - Contract Services [E] in the amount of \$9,900 in account (7107.6); PE4 - Northwest MZ-1 Area Project [F] in the amount of \$196,761 in account (7402.1); and PE6&7 - IEUA Salinity Management Plan [G] in the amount of \$77,136 in account (7510). The total amount available is \$313,129 (\$29,332 + \$9,900 + \$196,761 + \$77,136 = \$313,129).

COMPLETED PROJECTS WITH FUNDING AVAILABLE:

Several projects were completed during FY 2018/19 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 Appropriative Pool when the Assessment package is invoiced. The funding amounts available are as follows: East Declz Basin [I] in the amount of \$1,171.33 (account 7690.16); and GWR SCADA Upgrades (TO#4) [J] in the amount of \$45,700.00 (account 7690.61). The total amount available is \$46,871.33 (\$1,171.33 + \$45,700.00 = \$46,871.33).

ONGOING RECHARGE IMPROVEMENT PROJECTS:

The RMPU Amendment-Task Order #1 [H] has a remaining budget from FY 2016/17 of \$56,794.57 in account (7690.15); the Upper Santa Ana River HCP-Task Order #7 [K] has a remaining funded balance of

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

\$20,062.88 in account (7690.7); and the Lower Day Basin RMPU-Task Order #2 [L] has a remaining funded budget balance of \$238,646.90 in account (7690.8). The total funded budget for these combined projects is \$315,504.35 (\$56,794.57 + \$20,062.88 + \$238,646.90 = \$315,504.35).

FUNDS ON HOLD FOR PROJECTS:

The "Funds on Hold for Projects" [M] has a remaining budget from FY 2017/18 of \$1,272,406.02 in account (7690.9). These funds can only be allocated from the account if a Budget Transfer document is presented to the Pools, Advisory, and Board for approval and adoption.

As invoices are received from the vendors and booked against these items listed above, the "Carried Over" balance will be reduced throughout the current fiscal year. At June 30, 2020, any remaining balances of the FY 2018/19 and prior years funding (if any), along with any new FY 2019/20 expenses, will then be "Carried Over" into the FY 2020/21 budget.

PREVIOUSLY REPORTED ACTIONS (Descending Order)

July 2019:

Once the FY 2018/19 period as of June 30, 2019 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 2019/20 budget. The Total "Carry Over" funding amount of \$2,312,460.70 was posted to the accounts as of July 1, 2019. The total amount of \$2,312,460.70 consisted of \$1,634,781.70 from Capital Improvement Projects, \$357,050.00 from OBMP Activities, \$313,129.00 from Engineering Services, and \$7,500.00 from Administration Services (\$1,634,781.70 + \$357,050.00 + \$313,129.00 + \$7,500.00 = \$2,312,460.70).

AUDIT FIELD WORK

FY 2018/19:

The final field work for the period of April 1, 2019 through June 30, 2019 was completed on September 4, 2019. The Annual Financial and Audit Reports were presented to the Watermaster Board by Fedak & Brown LLP at the October 24, 2019 Board meeting. The Annual Financial and Audit Reports for FY 2018/19 were posted to the Watermaster website on October 25, 2019.

PREVIOUSLY REPORTED ACTIONS (Descending Order)

August 2019:

FY 2018/19:

The final field work for the period of April 1, 2019 through June 30, 2019 was completed on September 4, 2019. The Annual Financial and Audit Reports are scheduled for presentation to the Watermaster Board by Fedak & Brown LLP at the October 24, 2019 Board meeting. The Annual Financial and Audit Reports for FY 2018/19 are scheduled for posting to the Watermaster website no later than October 31, 2019.

July 2019:

FY 2018/19:

The auditors from the audit firm of Fedak & Brown LLP were at Watermaster on May 28, 2019 for an onsite visit at the Watermaster office. This was the start of the interim field work for the period of July 1, 2018 through March 31, 2019. The final field work for the period of April 1, 2019 through June 30, 2019 has been scheduled for September 3, 2019 and September 4, 2019. The Annual Financial and Audit Reports are scheduled for presentation to the Watermaster Board by Fedak & Brown LLP at the October 24, 2019 Board meeting. The Annual Financial and Audit Reports for FY 2018/19 are scheduled for posting to the Watermaster website no later than October 31, 2019.

ASSESSMENT INVOICING

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

CURRENT MONTH – OCTOBER 2019

Revised 2014/15 through 2018/19 Assessment Packages:

From June 6, 2019 through August 28, 2019, multiple workshops were held to present and discuss the Revised 2014/15 through 2018/19 Assessment Packages. These Revised Assessment Packages were presented to the three Pool Committees on September 12, 2019. The three Pool Committees unanimously recommended Advisory Committee to approve the Revised 2014/15 through 2018/19 Assessment Packages. On September 19, 2019, the Revised 2014/15 through 2018/19 Assessment Packages were presented to the Advisory Committee where they were unanimously approved. The Watermaster Board approved the Revised 2014/15 through 2018/19 Assessment Packages on September 26, 2019. Invoices were issued on Friday, September 27, 2019 with payment due 30-days after invoice date. Payments were due to Watermaster on Monday, October 28, 2019. As past practice, payment could 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, October 28, 2019.

All payments were received as of October 28, 2019. The Appropriative Pool members who were owed a refund had the option to either receive a refund check or have the refund amount credited against their upcoming FY 2019/20 Assessment invoicing. The refund checks to those Appropriative Pool members who did not want a credit applied against their upcoming FY 2019/20 Assessment invoicing were issued and mailed on November 11, 2019.

FY 2019/20 Assessment Package:

The FY 2019/20 Assessment Package (Draft) was presented at Workshop #1 on Wednesday, October 30, 2019 at 1:30pm. There were no other Workshops scheduled.

The FY 2019/20 Assessment Package was presented to the Appropriative, Non-Agricultural Pool, and Agricultural Pool on Thursday, November 14, 2019. The FY 2019/20 Assessment Package was presented to the Advisory Committee and Board on Thursday, November 21, 2019.

The FY 2019/20 Assessment Package was approved by the Advisory Committee and adopted by the Board on Thursday, November 21, 2019. The Assessment invoices were issued by Watermaster on Thursday, November 21, 2019 with payment due 30-days after invoice date. Payments will be due to Watermaster on Monday, December 23, 2019. 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 4:00pm on Monday, December 23, 2019.

PREVIOUSLY REPORTED ACTIONS (Descending Order)
None

ATTACHMENTS

1. Financial Report - B5

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	1/12th (8.33%) of the Total Budget				4/12th (33.34%) of the Total Budget				100% of the Total Budget			
	For The Month of October 2019				Year-To-Date as of October 31, 2019				Fiscal Year End as of June 30, 2020			
	Actual	Budget	\$ Over(Under)	% of Budget	Actual	Budget	\$ Over(Under)	% of Budget	Projected	Budget	\$ Over(Under)	% of Budget
Income												
4010 · Local Agency Subsidies	0.00	0.00	0.00	0.0%	171,905.17	171,906.00	-0.83	100.0%	171,905.17	171,906.00	-0.83	100.0%
4110 · Admin Asmnts-Approp Pool	0.00	0.00	0.00	0.0%	295,904.64	0.00	295,904.64	100.0%	8,030,142.55	8,043,100.00	-12,957.45	99.84%
4120 · Admin Asmnts-Non-Agri Pool	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	364,535.88	352,197.00	12,338.88	103.5%
4700 · Non Operating Revenues	7.54	0.00	7.54	100.0%	46,516.23	18,782.00	27,734.23	247.66%	139,683.69	75,124.00	64,559.69	185.94%
4900 · Miscellaneous Income	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
Total Income	7.54	0.00	7.54	100.0%	514,326.04	190,688.00	323,638.04	269.72%	8,706,267.29	8,642,327.00	63,940.29	100.74%
Gross Profit	7.54	0.00	7.54	100.0%	514,326.04	190,688.00	323,638.04	269.72%	8,706,267.29	8,642,327.00	63,940.29	100.74%
Expense												
6010 · Admin. Salary/Benefit Costs	91,809.39	104,091.00	-12,281.61	88.2%	353,812.18	391,310.00	-37,497.82	90.42%	1,126,436.54	1,155,864.00	-29,427.46	97.45%
6020 · Office Building Expense	9,634.41	10,267.00	-632.59	93.84%	37,060.84	38,993.00	-1,932.16	95.05%	114,682.52	117,379.00	-2,696.48	97.7%
6030 · Office Supplies & Equip.	4,370.82	12,525.00	-8,154.18	34.9%	9,779.68	29,975.00	-20,195.32	32.63%	64,339.04	69,800.00	-5,460.96	92.18%
6040 · Postage & Printing Costs	3,129.78	4,007.00	-877.22	78.11%	12,448.28	15,049.00	-2,600.72	82.72%	43,344.84	47,141.00	-3,796.16	91.95%
6050 · Information Services	13,280.91	14,144.00	-863.09	93.9%	50,958.05	56,558.00	-5,599.95	90.1%	167,874.15	169,656.00	-1,781.85	98.95%
6060 · Contract Services	6,078.98	9,400.00	-3,321.02	64.67%	14,539.52	33,100.00	-18,560.48	43.93%	43,618.56	51,800.00	-8,181.44	84.21%
6070 · Watermaster Legal Services	34,903.02	29,669.00	5,234.02	117.64%	108,439.44	118,675.00	-10,235.56	91.38%	325,318.32	266,115.00	59,203.32	122.25%
6080 · Insurance	-1,110.00	0.00	-1,110.00	100.0%	40,217.50	42,926.00	-2,708.50	93.69%	42,217.50	43,426.00	-1,208.50	97.22%
6110 · Dues and Subscriptions	150.00	0.00	150.00	100.0%	15,873.40	16,393.00	-519.60	96.83%	36,620.20	36,792.00	-171.80	99.53%
6140 · WM Admin Expenses	216.68	188.00	28.68	115.26%	676.48	925.00	-248.52	73.13%	2,029.44	2,950.00	-920.56	68.8%
6150 · Field Supplies	0.00	0.00	0.00	0.0%	1,007.94	1,350.00	-342.06	74.66%	2,523.82	2,550.00	-26.18	98.97%
6170 · Travel & Transportation	2,076.87	42,705.00	-40,628.13	4.86%	6,572.14	48,867.00	-42,294.86	13.45%	59,716.42	65,170.00	-5,453.58	91.63%
6190 · Training, Conferences, Seminars	2,109.16	3,155.00	-1,045.84	66.85%	6,527.59	12,620.00	-6,092.41	51.72%	33,582.77	37,857.00	-4,274.23	88.71%
6200 · Advisory Comm - WM Board	3,408.65	4,449.00	-1,040.35	76.62%	9,531.75	17,379.00	-7,847.25	54.85%	43,595.25	49,680.00	-6,084.75	87.75%
6300 · Watermaster Board Expenses	15,413.57	14,294.00	1,119.57	107.83%	37,659.81	56,500.00	-18,840.19	66.66%	177,979.43	184,467.00	-6,487.57	96.48%
8300 · Appr PI-WM & Pool Admin	5,372.48	16,966.00	-11,593.52	31.67%	41,194.29	67,239.00	-26,044.71	61.27%	193,582.87	198,609.00	-5,026.13	97.47%
8400 · Agri Pool-WM & Pool Admin	3,557.89	5,776.00	-2,218.11	61.6%	11,063.21	22,572.00	-11,508.79	49.01%	61,189.63	64,713.00	-3,523.37	94.56%
8467 · Ag Legal & Technical Services	37,662.50	25,000.00	12,662.50	150.65%	99,487.50	100,000.00	-512.50	99.49%	298,462.50	300,000.00	-1,537.50	99.49%
8470 · Ag Meeting Attend -Special	1,675.00	1,850.00	-175.00	90.54%	4,825.00	7,400.00	-2,575.00	65.2%	19,475.00	22,200.00	-2,725.00	87.73%
8471 · Ag Pool Expense	0.00	100.00	-100.00	0.0%	21,686.00	37,750.00	-16,064.00	57.45%	80,058.00	85,000.00	-4,942.00	94.19%
8485 · Ag Pool - Misc. Exp. - Ag Fund	0.00	0.00	0.00	0.0%	0.00	200.00	-200.00	0.0%	200.00	400.00	-200.00	50.0%
8500 · Non-Ag PI-WM & Pool Admin	14,367.68	10,990.00	3,377.68	130.73%	33,878.45	43,597.00	-9,718.55	77.71%	121,635.35	127,951.00	-6,315.65	95.06%
9400 · Depreciation Expense	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9500 · Allocated G&A Expenditures	-27,594.83	-39,730.00	12,135.17	69.46%	-120,004.83	-158,922.00	38,917.17	75.51%	-360,014.49	-476,762.00	116,747.51	75.51%
6900 · Optimum Basin Mgmt Plan	159,852.83	192,637.00	-32,784.17	82.98%	758,947.43	832,477.00	-73,529.57	91.17%	1,951,842.29	1,957,015.00	-5,172.71	99.74%
9501 · G&A Expenses Allocated-OBMP	11,595.97	10,527.00	1,068.97	110.16%	48,573.40	42,109.00	6,464.40	115.35%	145,720.20	126,325.00	19,395.20	115.35%
7101 · Production Monitoring	6,169.42	6,902.00	-732.58	89.39%	17,733.68	26,421.00	-8,687.32	67.12%	71,821.04	78,073.00	-6,251.96	91.99%
7102 · In-line Meter Installation	0.00	1,869.00	-1,869.00	0.0%	0.00	364,260.00	-364,260.00	0.0%	0.00	378,428.00	-378,428.00	0.0%
7103 · Grdwtr Quality Monitoring	47,159.41	30,221.00	16,938.41	156.05%	168,732.92	119,992.00	48,740.92	140.62%	351,198.76	359,100.00	-7,901.24	97.8%
7104 · Gdwtr Level Monitoring	19,658.21	24,014.00	-4,355.79	81.86%	69,190.44	95,146.00	-25,955.56	72.72%	257,571.32	284,537.00	-26,965.68	90.52%
7105 · Sur Wtr Qual Monitoring	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
7106 · Wtr Level Sensors Installation	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
7107 · Ground Level Monitoring	2,790.33	38,732.00	-35,941.67	7.2%	38,999.00	151,579.00	-112,580.00	25.73%	316,997.00	333,683.00	-16,686.00	95.0%

P57

	1/12th (8.33%) of the Total Budget				4/12th (33.34%) of the Total Budget				100% of the Total Budget			
	For The Month of October 2019				Year-To-Date as of October 31, 2019				Fiscal Year End as of June 30, 2020			
	Actual	Budget	\$ Over(Under)	% of Budget	Actual	Budget	\$ Over(Under)	% of Budget	Projected	Budget	\$ Over(Under)	% of Budget
7108 · Hydraulic Control Monitoring	15,866.05	9,038.00	6,828.05	175.55%	39,724.18	55,997.00	-16,272.82	70.94%	129,172.54	135,837.00	-6,664.46	95.09%
7109 · Recharge & Well Monitoring Prog	0.00	2,105.00	-2,105.00	0.0%	3,009.90	8,420.00	-5,410.10	35.75%	21,529.70	25,260.00	-3,730.30	85.23%
7200 · PE2- Comp Recharge Pgm	5,729.07	15,381.00	-9,651.93	37.25%	643,743.37	678,897.00	-35,153.63	94.82%	1,421,230.11	1,425,415.00	-4,184.89	99.71%
7300 · PE3&5-Water Supply/Desalte	0.00	2,953.00	-2,953.00	0.0%	199.52	11,546.00	-11,346.48	1.73%	25,598.56	34,374.00	-8,775.44	74.47%
7400 · PE4- Mgmt Plan	11,328.71	11,644.00	-315.29	97.29%	135,430.76	267,175.00	-131,744.24	50.69%	326,292.28	328,338.00	-2,045.72	99.38%
7500 · PE6&7-CoopEfforts/SaltMgmt	16,195.23	12,237.00	3,958.23	132.35%	72,521.58	125,918.00	-53,396.42	57.59%	221,564.74	223,318.00	-1,753.26	99.22%
7600 · PE8&9-StorageMgmt/Conj Use	1,292.70	2,048.00	-755.30	63.12%	7,074.19	7,840.00	-765.81	90.23%	21,222.57	23,168.00	-1,945.43	91.6%
7690 · Recharge Improvement Debt Pymt	0.00	0.00	0.00	0.0%	633,440.00	2,268,221.70	-1,634,781.70	27.93%	2,133,440.00	2,268,221.70	-134,781.70	94.06%
7700 · Inactive Well Protection Prgm	0.00	41.00	-41.00	0.0%	0.00	166.00	-166.00	0.0%	0.00	500.00	-500.00	0.0%
9502 · G&A Expenses Allocated-Projects	15,998.86	29,203.00	-13,204.14	54.79%	71,431.43	116,813.00	-45,381.57	61.15%	214,294.29	350,437.00	-136,142.71	61.15%
Total Expense	534,149.75	659,398.00	-125,248.25	81.01%	3,505,986.02	6,173,433.70	-2,667,447.68	56.79%	10,307,963.06	10,954,787.70	-646,824.64	94.1%
Net Ordinary Income	-534,142.21	-659,398.00	125,255.79	81.01%	-2,991,659.98	-5,982,745.70	2,991,085.72	50.01%	-1,601,695.77	-2,312,460.70	710,764.93	69.26%
Other Income												
4210 · Approp Pool-Replenishment	0.00	0.00	0.00	0.0%	64,911.45	0.00	64,911.45	100.0%	1,096,397.47	0.00	1,096,397.47	100.0%
4220 · Non-Ag Pool-Replenishment	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	24,974.17	0.00	24,974.17	100.0%
4225 · Interest Income	0.00	0.00	0.00	0.0%	2,206.08	0.00	2,206.08	100.0%	10,000.00	0.00	10,000.00	100.0%
4226 · LAIF Fair Market Value	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
4600 · Groundwater Sales	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
4715 · Gain on Sale of Assets	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
Total Other Income	0.00	0.00	0.00	0.0%	67,117.53	0.00	67,117.53	100.0%	1,131,371.64	0.00	1,131,371.64	100.0%
Other Expense												
5010 · Groundwater Replenishment	0.00	0.00	0.00	0.0%	31,147.31	0.00	31,147.31	100.0%	31,147.31	0.00	31,147.31	100.0%
5100 · Other Water Purchases	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9200 · Interest Expense	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9251 · Other Post Employment Benefits	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9996 · Refund-Excess Reserves-Approp.	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	271,110.41	0.00	271,110.41	100.0%
9997 · Refund-Excess Reserves-NonAg	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	64,564.00	0.00	64,564.00	100.0%
9998 · Refund-Recharge Debt-Approp.	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9999 · To/(From) Reserves	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
Total Other Expense	0.00	0.00	0.00	0.0%	31,147.31	0.00	31,147.31	100.0%	366,821.72	0.00	366,821.72	100.0%
Net Other Income	0.00	0.00	0.00	0.0%	35,970.22	0.00	35,970.22	100.0%	764,549.92	0.00	764,549.92	100.0%
Net Income	-534,142.21	-659,398.00	125,255.79	81.01%	-2,955,689.76	-5,982,745.70	3,027,055.94	49.4%	-837,145.85	-2,312,460.70	1,475,314.85	36.2%

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

CHINO BASIN WATERMASTER

I. CONSENT CALENDAR (AP & OAP)

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

I. BUSINESS ITEMS – ROUTINE (ONAP)

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



CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: December 12, 2019
TO: AP/ONAP/OAP Members
SUBJECT: Annual Finding of Substantial Compliance with the Recharge Master Plan (Consent Calendar Item I.C.)

SUMMARY:

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

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

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

Future Consideration

Appropriative Pool – December 12, 2019: Recommend to the Advisory Committee to recommend to the Watermaster Board to adopt the finding that Watermaster is in substantial compliance with the Recharge Master Plan

Non-Agricultural Pool – December 12, 2019: Recommend to the Advisory Committee to recommend to the Watermaster Board to adopt the finding that Watermaster is in substantial compliance with the Recharge Master Plan

Agricultural Pool – December 12, 2019: Recommend to the Advisory Committee to recommend to the Watermaster Board to adopt the finding that Watermaster is in substantial compliance with the Recharge Master Plan

Advisory Committee – December 19, 2019: Recommend to the Watermaster Board to adopt the finding that Watermaster is in substantial compliance with the Recharge Master Plan

Watermaster Board – December 19, 2019: Adoption

ACTIONS:

Appropriative Pool – December 12, 2019:

Non-Agricultural Pool – December 12, 2019:

Agricultural Pool – December 12, 2019:

Advisory Committee – December 19, 2019:

Watermaster Board – December 19, 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

During the period of 2008-2010, Watermaster, in collaboration with the Inland Empire Utilities Agency (IEUA) and Chino Basin Water Conservation District (CBWCD), completed the 2010 Recharge Master Plan Update (RMPU). The RMPU was submitted to the Court in June 2010, and the Court subsequently approved the 2010 RMPU in October 2010. Watermaster has completed the amendment of the 2010 RMPU, pursuant to the Court's order, which the Board adopted in September 2013. The IEUA and Watermaster completed the most recent version RMPU in 2018 and will complete the next RMPU before the end of 2023.

Pursuant to Section 8.3 of the Peace II Agreement, Watermaster is obligated to make an annual finding that it is in substantial compliance with the Recharge Master Plan, as it is revised. This requirement exists to ameliorate any long-term risk attributable to reliance upon un-replenished groundwater production by the Desalters and is a condition on the annual availability of any portion of the 400,000 acre-feet set aside as controlled overdraft (Re-Operation). Recently, pursuant to Section 6.2(b) of the Peace Agreement, as the amendment is shown in the March 15, 2019 Court Order, the Desalter Replenishment Obligation is now being replenished by the Appropriative Pool through wet or stored water. Wildermuth Environmental, Inc. (WEI) has prepared the attached opinion regarding the adequacy of replenishment capacity, which includes the information that Watermaster needs to make this finding for Fiscal Year 2018-2019.

DISCUSSION

WEI's analysis finds that current projections indicate that Watermaster has sufficient recharge capacity to meet the future replenishment obligations based on the knowledge of the basin's conditions in FY 2018-19 and future water management projections provided by the Watermaster Stakeholders. Current analysis indicates that even if Re-Operation were terminated at any time through 2030, Watermaster would be able to immediately increase its replenishment activity and replenish any overproduction in the Basin as required by the Judgment.

ATTACHMENTS

1. November 22, 2019 Letter from WEI to Watermaster: *Annual finding of substantial compliance with the revised Watermaster Recharge Master Plan – Fiscal Year 2019-20*



November 22, 2019

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

Subject: Annual finding of substantial compliance with the revised 2018 Watermaster Recharge Master Plan – Fiscal Year 2019-20

Dear Mr. Kavounas:

At your direction and pursuant to the Peace II Agreement, Wildermuth Environmental, Inc. (WEI) has prepared this opinion regarding the adequacy of replenishment capacity in the Chino Basin to support an annual finding of substantial compliance with the revised Watermaster Recharge Master Plan.

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

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

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

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

Pursuant to the Peace II Agreement, Watermaster is obligated, following the completion of the 2010 Recharge Master Plan Update (RMPU), to make an annual finding that there is enough supplemental water recharge capacity to meet replenishment obligations. This letter report includes the information required by Watermaster to make this finding for fiscal year (FY) 2019-20.

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

In approving the 2010 RMPU, the Court ordered Watermaster to update its groundwater pumping and replenishment projections. Watermaster and the IEUA updated the groundwater pumping projections and reported on them in the 2013 Amendment to the 2010 Recharge Master Plan Update (2013 RMPU), pursuant to the October 2010 Court Order. The IEUA and Watermaster completed the most recent RMPU in 2018 (2018 RMPU), and they are scheduled to complete subsequent RMPUs on a five-year frequency: the next RMPU will be completed in 2023.

The most recent groundwater pumping projections and their corresponding projected replenishment obligations estimates were developed in 2018 as part of the *Storage Framework Investigation* (SFI).¹ The table below shows the projected replenishment obligations developed in 2018.

Table 1
Projected replenishment obligations
 (afy)

Fiscal year	Wet-water replenishment projection from the SFI
2020	0
2025	0
2030	0
2035	2,700
2040	4,500

The replenishment obligation projections are based on Scenario 1A of the SFI, which is based on the parties' best estimates of how future supplies would be used to meet demands.

The 2018 projected supplemental water recharge capacity in the Chino Basin is listed in the table below.²

Table 2
Projected supplemental water recharge capacity estimates by fiscal year
 (afy)

Recharge facility	2019 - 2020
Spreading basins	56,600
ASR wells	5,480
In-lieu	17,700
Total	79,780

¹ WEI. (2018). *Storage Framework Investigation – Final Report*. Prepared for the Chino Basin Watermaster. October 2018; revised January 2019. https://cbwm.syncedtool.com/shares/folder/e83081106c3072/?folder_id=1429

² WEI. (2018). *2018 Recharge Master Plan Update*. October 2018. http://www.cbwm.org/docs/engdocs/2018%20RMPU/20180914_2018_RMPU_final.pdf

Figure 1 shows the locations of the spreading basins utilized by Watermaster and the IEUA for recharge in the Chino Basin, ASR wells, and in-lieu recharge facilities. Table 3 lists the spreading basins available to Watermaster and their respective supplemental water recharge capacities.³

The Metropolitan Water District of Southern California (Metropolitan) provides imported water to the Chino Basin area through the IEUA. In January 2016, Metropolitan completed its 2015 Integrated Resources Plan (IRP) Update;⁴ Metropolitan reported that if its IRP is fully implemented, shortages will occur in Metropolitan supplies about 9 percent of the time under 2020 conditions, 4 percent of the time under 2025 conditions, and 0 percent under 2030 conditions. “Shortage” is defined herein as Metropolitan’s inability to meet its demands; and during a shortage, Metropolitan will not supply imported water for replenishment. Metropolitan is currently in the process of implementing its 2015 IRP, and in July 2018, it approved \$11 billion in funding for the California WaterFix tunnel project—one of the projects recommended in the 2015 IRP. As of this writing, construction of the tunnels is not certain. If Metropolitan does not fully implement its 2015 IRP, shortages in Metropolitan supplies are projected to occur about 12 percent of the time under 2020 conditions, and the occurrence of a shortage is projected to increase to 80 percent under 2040 conditions. For purposes of the 2018 RMPU, it was assumed that if Metropolitan does not fully implement its 2015 IRP, Watermaster will be able to purchase water from Metropolitan for replenishment purposes in one out of five years. If Metropolitan fully implements its 2015 IRP, it is assumed that Watermaster will be able to purchase water to meet its replenishment obligations in nine out of ten years. The projected maximum required recharge capacity is shown below for the period 2018 through 2040.

Table 4
Projected recharge capacity for imported water to satisfy Watermaster’s projected replenishment obligations
 (afy)

Period	2015 IRP not-fully implemented	2015 IRP fully implemented
2020 - 2030	0	0
2031 – 2035	13,500	3,000
2036 – 2040	22,500	5,000

Whether or not Metropolitan fully implements its 2015 IRP, Watermaster and the IEUA are projected to have enough recharge capacity available to meet all their replenishment obligations through 2040.⁵

The maximum annual amount of re-operation water used to meet the replenishment obligation of the desalters is 12,500 afy through 2030. If re-operation were discontinued at any time through 2030, the maximum annual replenishment obligation would increase by 12,500 afy. Table 5 shows the expected replenishment obligation if reoperation were discontinued, and Table 6 shows the projection recharge capacity required.

³ Infiltration rates were based either on an exponential decay function if data were available to develop such a function and its R² value was greater than 0.5 or the average long-term infiltration rate—both based on IEUA data and reported infiltration rates. This work is documented in Appendix A of the *2018 Recharge Master Plan Update*.

⁴ Metropolitan Water District of Southern California (2016). *Integrated Water Resources Plan: 2015 Update*. Report No. 1518. <http://www.mwdh2o.com/>

⁵ For additional technical documentation demonstrating substantial compliance, refer to Section 5.1 of the *2018 Recharge Master Plan Update*.

Table 5
Projected replenishment obligations if reoperation were discontinued
 (afy)

Fiscal year	Wet-water replenishment projection
2020	12,500
2025	12,500
2030	10,000
2035	2,700
2040	4,500

Table 6
Projected required recharge capacity for imported water to satisfy Watermaster’s projected replenishment obligations if reoperation were discontinued
 (afy)

Period	2015 IRP not-fully implemented	2015 IRP fully implemented
2020 - 2030	18,300	13,300
2031 – 2035	13,500	3,000
2036 – 2040	22,500	5,000

The IEUA and Watermaster have a contractual requirement with Metropolitan to recharge up to 25,000 afy under the Dry-Year Yield Program (DYYP). The DYYP contract terminates in 2028. Therefore, the IEUA and Watermaster require 43,300 afy of recharge capacity to meet both replenishment and DYYP recharge obligations. The spreading capacity available to the IEUA and Watermaster is about 56,600 afy, and the total supplemental water recharge capacity is about 79,780 afy.

Based on our knowledge of the conditions in FY 2018-19 and future water management projections, the IEUA and Watermaster’s ability to recharge the basin with supplemental water to mitigate future overproduction is sufficient to meet expected future replenishment obligations. If reoperation were discontinued at any time through 2030, Watermaster would be able to increase its replenishment activity required by the Judgment.

In November 2011, Watermaster committed to engage in a process to develop a preemptive replenishment program that would involve the acquisition and recharge of supplemental water in advance of incurring replenishment obligations and storing that water until future replenishment obligations occur. Preemptive replenishment is a complementary management tool that further enhances Watermaster’s ability to meet its future replenishment requirements. In FYs 2010-11 and 2011-12, about 32,000 af of imported water was preemptively recharged. Since 2006, the IEUA has been recharging significant amounts of recycled water in the Chino Basin, recharging about 11,100 af in FY 2018-19. And, the Peace II requirement to recharge 6,500 afy of supplemental water in Management Zone 1 is another example of preemptive replenishment that is currently active and will be so through 2030.


Please contact Carolina Sanchez or me if you have any questions or concerns regarding this opinion.

Very truly yours,

Wildermuth Environmental, Inc.



Mark Wildermuth, PE
President

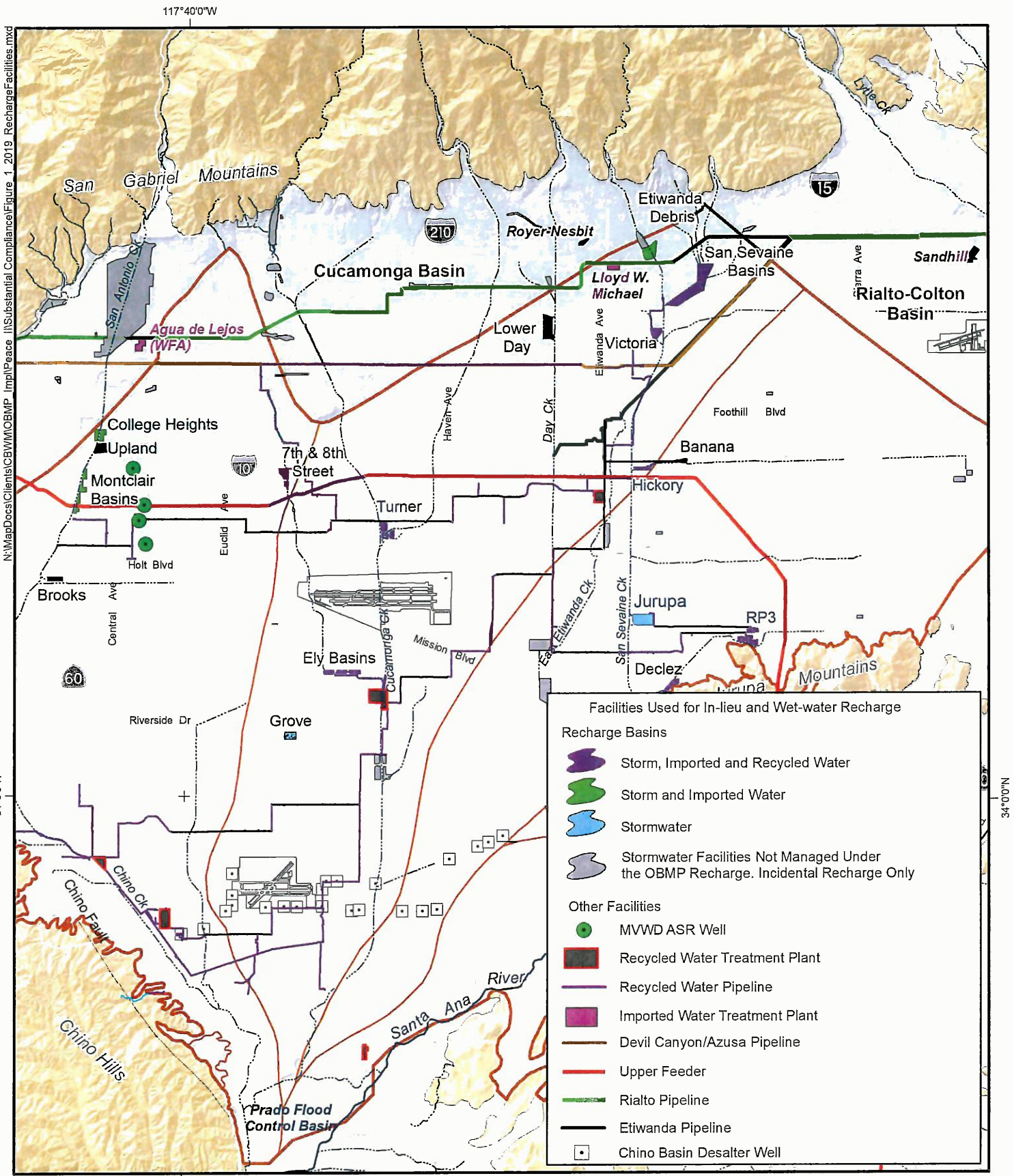


Carolina Sanchez, PE
Senior Engineer

Encl: Figure 1, Table 3

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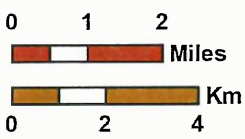
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Prepared by:



Groundwater Recharge in the Chino Basin

Figure 1

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CHINO BASIN WATERMASTER

I. CONSENT CALENDAR (AP & OAP)

D. APPLICATION: RECHARGE – CUCAMONGA VALLEY WATER DISTRICT

I. BUSINESS ITEMS – ROUTINE (ONAP)

D. APPLICATION: RECHARGE – CUCAMONGA VALLEY WATER DISTRICT



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: December 12, 2019
TO: AP/ONAP/OAP Members
SUBJECT: Application: Recharge – Cucamonga Valley Water District
(Consent Calendar Item I.D.)

SUMMARY:

Issue: On November 4, 2019 Cucamonga Valley Water District submitted an Application for Recharge for up to 2,800 acre-feet to be recharged into the Turner Basins.

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

Financial Impact: None

Future Consideration

Appropriative Pool – December 12, 2019: Recommend Advisory Committee to recommend to the Watermaster Board to approve

Non-Agricultural Pool – December 12, 2019: Recommend Advisory Committee to recommend to the Watermaster Board to approve

Agricultural Pool – December 12: Recommend Advisory Committee to recommend to the Watermaster Board to approve

Advisory Committee – January 16, 2020: Recommend Board to approve

Watermaster Board – January 23, 2020: Approval [Within WM Duties and Powers]

ACTIONS:

Appropriative Pool – December 12, 2019:

Non-Agricultural Pool – December 12, 2019:

Agricultural Pool – December 12, 2019:

Advisory Committee – January 16, 2020:

Watermaster Board – January 23, 2020:

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 Material Physical Injury to a Party to the Judgment or the Basin (Storage and Recovery Programs do not have this presumption).

DISCUSSION

On November 4, 2019, Cucamonga Valley Water District (CVWD) submitted an Application for Recharge for up to 2,800 acre-feet from January 2020 to August 2020. The Application states that the method of recharge is surface spreading into the Turner Basins located in Management Zone 2 (MZ-2) of the Chino Basin (see Attachment 1) and identifies the source of water to be both treated and untreated Cucamonga Basin groundwater. The CVWD will pump groundwater from three of its wells in the Cucamonga Basin (Wells 16, 19 and 24), treat the groundwater from one of the wells for nitrate, and discharge the groundwater in the Cucamonga Creek. The water would then be discharged into the storm drain system and captured at the Turner Basins (see Attachment 2).

The amount recharged will be subject to evaporative losses. This water can be used to offset over-production during the same fiscal year it was imported, or, should the water not be used in the fiscal year for over-production, the water will be placed into storage. It should be noted that the volume of water in storage in Chino Basin is quickly approaching the maximum that has been evaluated under CEQA. As such, it is possible that at the time water is available for the contemplated recharge, Watermaster may not approve a storage agreement. The applicant is advised to confirm with Watermaster in advance of any recharge. Per the Peace II Agreement and achievement of Hydraulic Control, losses will be applied to all water placed into a Local Supplemental Storage Account in a manner consistent to all other water held in storage.

Wildermuth Environmental, Inc. (WEI) completed a MPI analysis on December 5, 2019 declaring no negative impacts to the Basin from this recharge event (see Attachment 3.) The analysis notes that there may not be sufficient capacity at Turner Basins between January and August 2020 for the full 2,800 acre-feet. The deliveries of the water will be monitored and accounted for in coordination with IEUA and CVWD through Watermaster's Form 2b and Form 2c (Report of Supplemental Water Recharge by a Person).

Once approved, CVWD must complete Form 2b *Request to Recharge Supplemental Water by a Person to Watermaster* for each recharge event during the Applications proposed period. Form 2b will be used by Watermaster staff to coordinate with CVWD and the Inland Empire Utility Agency (IEUA) to develop a Recharge Operations Plan. During the Recharge event, Watermaster and IEUA will collect data to properly ensure the water is accounted for. Upon completion of the recharge event, CVWD will be required to submit Form 2c *Report of Supplemental Water Recharge by a Person* to Watermaster for final review and accounting.

ATTACHMENTS

1. CVWD Application for Recharge Dated November 4, 2019
2. CVWD Discharge to Turner Basins Map
3. December 5, 2019 Letter from WEI to Watermaster: *Analysis of Material Physical Injury for the Cucamonga Valley Water District's (CVWD) Recharge Application, Submitted to the Chino Basin Watermaster on December 5, 2019*
4. CVWD Well Water Quality

Form 2a - Application for Supplemental Water Recharge

Applicant Information and Recharge Request			
Person	Cucamonga Valley Water District	Date Requested	11/04/2019
Contact (individual)	John Bosler	Date Approved	
Street Address	10440 Ashford St	Proposed Period of Time Covered by Recharge Application (mm/yyyy to mm/yyyy)	01/2020 to 08/2020
City	Rancho Cucamonga		
State	CA		
Zip Code	91730	Requested Total Amount of Recharge Over the Application Period (AF)	2,800 AF
Telephone	(909) 987-2591	Approved Total Amount of Recharge Over the Application Period (AF)	
Fax	(909) 476-7031		
Email	JohnB@cvwdwater.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 effluent from CVWD's Cucamonga Basin Wells 16, 19 and 24.
<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) Turner Basin
	Expected Period of Recharge (mm/dd to mm/dd)
	Depth to Water in Recharge Area (ft-bgs)
	Water Quality in Recharge Area (attach characterization)
<input type="checkbox"/>	Injection
	Well Names and Locations (attach well completion report if not on file with the Watermaster)
	Expected Period of Recharge (mm/dd to mm/dd)
	Depth to Water in Recharge Area (ft-bgs)
	Water Quality in Recharge Area (attach characterization)
<input type="checkbox"/>	In-Lieu Exchange
	Treatment Plant and Turnout
	Share of Safe Yield (percent and AFY)
	Carryover Right, if Applicable (AF)
	Water in Storage (AF)
	Pumping Capacity (mgd or AFM)
	Expected Period of Recharge (mm/dd to mm/dd)
	Depth to Water in Area Impacted by In-Lieu Recharge (ft-bgs)
	Water Quality in Area Impacted by In-Lieu Recharge (attach characterization)

Form 2a - Application for Supplemental Water Recharge

Material Physical Injury

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

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 rational either below or attach one to this application)

BY: _____

Applicant

November 4, 2019

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 _____



Nitrate Treatment Plant
19TH ST

210

CARNELIAN ST

BASELINE RD

CUCAMONGA CREEK

VINEYARD AVE

FOOTHILL BLVD

VINEYARD AVE

ARROWIRTE

8TH ST

HELLMAN AVE

6TH ST

4TH ST

ARCHIBALD AVE

Turner Basin

- ● ● Nitrate Treatment Plant Discharge
- Storm Drain
- CVWD Boundary

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December 5, 2019

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 Cucamonga Valley Water District (CVWD) Recharge Application, Submitted to the Chino Basin Watermaster on November 4, 2019 (hereafter November 4, 2019 recharge application)

Dear Mr. Kavounas:

Pursuant to your direction, Wildermuth Environmental, Inc. (WEI) conducted a material physical injury (MPI) analysis of the CVWD's November 4, 2019 recharge application. This MPI analysis was completed pursuant to the Watermaster Rules and Regulations and the Peace Agreement. Specifically, Article 10 of the 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 (page 8), 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.”

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 evaluations of Chino Basin storage programs, groundwater modeling of various groundwater management alternatives in the Chino Basin, and prior MPI analyses.

CVWD's Recharge Application of November 4, 2019

The CVWD proposes to recharge up to 2,800 acre-feet (af) of both treated and untreated Cucamonga Basin groundwater into the Chino Basin during the period of January 2020 through August 2020. The CVWD proposes to pump groundwater from three of its wells in the Cucamonga Basin wells, treat the groundwater from one of the wells for nitrate, and discharge the groundwater into the Cucamonga Creek just south of State Route (SR) 210 and recharge this water in the Turner Basins.¹ Diversions into the Turner Basins would occur through the existing Cucamonga Creek diversion into Turner Basins. The CVWD will need to coordinate their proposed recharge activities with the IEUA and Watermaster to ensure that their water is diverted as proposed, measured and accounted for, and its recharge activities do not interfere with other recharge operations and stormwater management. The CVWD did not submit a recapture plan with its November 4, 2019 recharge application.

Watermaster classifies the water proposed to be recharged by the CVWD as supplemental water.

WEI evaluated the following impacts to determine the potential for MPI from the proposed recharge:

- Groundwater level impacts (liquefaction, land subsidence, and increases in pump lift)
- Balance of recharge and discharge in every area and subarea
- Total dissolved solids (TDS) and nitrate concentration impacts
- Water quality impacts on other pumpers

Groundwater Level Impacts (Liquefaction, Land Subsidence, and Increases in Pump Lift)

The proposed project will produce a localized increase in groundwater levels in the vicinity of the recharge basins where the recharge occurs, followed by a return to the groundwater levels that would occur had the water not been recharged. As of September 2019, the depth to groundwater beneath the Turner Basins was about 340 feet below ground surface. Groundwater level increases from the proposed recharge will remain below the threshold necessary to avoid liquefaction. There will be no adverse liquefaction or land subsidence impacts from the groundwater level changes caused by the recharge and storage proposed by the CVWD. Pumping lifts may be slightly reduced resulting in lower pumping costs and lower greenhouse gas emissions caused by pumping. No

¹ Based on the estimated average annual supplemental water recharge capacity at Turner Basins is about 3,500 af, the CVWD's proposed recharge of 2,800 af at this basin accounts for 80 percent of its annual supplemental water recharge capacity. Because recharge is only occurring between January and August 2020, it is unlikely that there will be sufficient capacity to recharge the 2,800 af at these basins.

adverse impacts related to groundwater level changes will occur from the proposed recharge.

Balance of Recharge and Discharge in Every Area and Subarea

The CVWD did not provide information on how it plans to recover the recharged water; thus, the location of future recovery remains unknown, and the balance of recharge and discharge cannot be assessed.

TDS and Nitrate Concentrations Impacts

The proposed recharge will occur in the Chino North Groundwater Management Zone (GMZ). The 2004 Regional Water Quality Control Plan (Basin Plan) for the Santa Ana River Watershed has maximum benefit-based TDS and nitrate (expressed as nitrogen) concentration objectives in the Chino-North GMZ of 420 milligrams per liter (mg/l) and 5 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. Because the current ambient nitrate concentration is above the objective of 5 mg/l, there is no assimilative capacity for nitrate. Pursuant to the Basin Plan, Watermaster and the IEUA are required to manage artificial recharge in Chino-North GMZ such that the five-year, volume-weighted average TDS and nitrate concentrations of the recycled water, imported water, and new stormwater recharged across all recharge facilities does not exceed the maximum-benefit objectives.²

The source of the supplemental water in the CVWD's November 4, 2019 recharge application is a blend of treated and untreated groundwater from three wells in the Cucamonga Basin. The CVWD provided 2017 water quality data for the treated and untreated groundwater. WEI supplemented this data with 2014-2019 water quality data obtained from Watermaster's database for the two wells that will not be treated for nitrate. Based on these data, the estimated annual, volume-weighted³ TDS and nitrate concentrations of the CVWD recharge is expected are be about 280 mg/l (ranging from 250 to 300 mg/l) and 5.7 mg/l (ranging from 3.8 to 6.6 mg/l), respectively. Additionally, the Regional Board allows for an adjustment to the nitrate concentration of the managed recharge sources to account for soil aquifer treatment (SAT) in the vadose zone. The approved nitrogen loss-rate at Turner Basin is 87 percent. Thus, the average nitrate concentration of the CVWD recharge would be about 0.7 (ranging from 0.5 to 0.9).

The volume-weighted TDS concentration of the proposed recharge is below the current ambient water quality and the maximum-benefit objective, therefore the proposed recharge will not encroach on the current TDS assimilative capacity or interfere with Watermaster and the IEUA's regulatory obligations. The SAT-adjusted volume-weighted

² As of December 2018, the five-year, volume-weighted average TDS and nitrate concentrations of the recycled water, imported water, and new stormwater recharged across all recharge facilities are 280 mg/l and 2.0 mg/l, respectively.

³ The volume-weighted concentrations were estimated based on the assumed flow rate at each of the three wells provided by the CVWD.

nitrate concentration of the proposed recharge is less than the maximum-benefit objective, and when blended with stormwater, recycled water and imported water recharge, it will not cause the five-year, volume-weighted average nitrate concentration of all recharge sources to exceed the maximum-benefit objective of 5 mg/l.

Water Quality Impacts on Other Pumpers

The proposed recharge will likely improve the general water quality in MZ2 and the Chino Basin. The proposed recharge will not change the direction and/or speed of movement of known contaminant plumes. There will be no adverse water quality impacts caused by the proposed recharge event.

Conclusion and Recommendations

Our professional opinion, based on the information available at this time, is that there will be no MPI due to the CVWD's proposed recharge, as described in its November 4, 2019 recharge application. However, it should be noted that based on the supplemental water recharge capacity of the Turner Basins, it is unlikely that there will be sufficient capacity at these basins to recharge 2,800 af between January and August 2020.

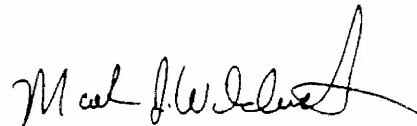
Please contact either of us if you have any questions or concerns regarding this MPI analysis.

Very truly yours,

Wildermuth Environmental, Inc.



Carolina Sanchez, PE
Senior Engineer



Mark Wildermuth, PE
President, Principal Engineer

ATTACHMENT 4

Sample Date	Source	Constituent	Results	Units
7/13/2017	Well 16	% difference Anion/Cation	5.3	
7/13/2017	Well 16	1,1,1-Trichloroethane (1,1,1-TCA)	0	µg/L
7/13/2017	Well 16	1,1,2,2-Tetrachloroethane	0	µg/L
7/13/2017	Well 16	1,1,2-Trichloro-1,2,2-Trifluoroethane	0	µg/L
7/13/2017	Well 16	1,1,2-Trichloroethane (1,1,2-TCA)	0	µg/L
7/13/2017	Well 16	1,1-Dichloroethane (1,1-DCA)	0	µg/L
7/13/2017	Well 16	1,1-Dichloroethylene (1,1-DCE)	0	µg/L
7/13/2017	Well 16	1,2,4-Trichlorobenzene	0	µg/L
7/13/2017	Well 16	1,2-Dichlorobenzene (o-DCB)	0	µg/L
7/13/2017	Well 16	1,2-Dichloroethane (1,2-DCA)	0	µg/L
7/13/2017	Well 16	1,2-Dichloropropane	0	µg/L
7/13/2017	Well 16	1,4-Dichlorobenzene (p-DCB)	0	µg/L
7/13/2017	Well 16	Aluminum (Al)	0	µg/L
7/13/2017	Well 16	Anion Sum	5.3	
7/13/2017	Well 16	Antimony (Sb)	0	µg/L
7/13/2017	Well 16	Apparent Color (Unfiltered) Units	0	Units
7/13/2017	Well 16	Arsenic (As)	0	µg/L
7/13/2017	Well 16	Barium (Ba)	0	µg/L
7/13/2017	Well 16	Benzene	0	µg/L
7/13/2017	Well 16	Beryllium (Be)	0	µg/L
7/13/2017	Well 16	Bicarbonate (HCO ₃)	170	mg/L
7/13/2017	Well 16	Boron (B)	0	µg/L
7/13/2017	Well 16	Bromodichloromethane	0	µg/L
7/13/2017	Well 16	Bromoform	0	µg/L
7/13/2017	Well 16	Cadmium (Cd)	0	µg/L
7/13/2017	Well 16	Calcium (Ca)	72	mg/L
7/13/2017	Well 16	Carbon Tetrachloride	0	µg/L
7/13/2017	Well 16	Carbonate (CO ₃)	0	mg/L
7/13/2017	Well 16	Cation Sum	5.2	
7/13/2017	Well 16	Chloride (Cl)	21	mg/L

Sample Date	Source	Constituent	Results	Units
7/13/2017	Well 16	Chloroform	0	µg/L
7/13/2017	Well 16	Chromium (+6)	0	µg/L
7/13/2017	Well 16	Chromium (Total Cr)	0	µg/L
7/13/2017	Well 16	cis-1,2-Dichloroethylene (c-1,2-DCE)	0	µg/L
7/13/2017	Well 16	cis-1,3-Dichloropropene	0	µg/L
7/13/2017	Well 16	Copper (Cu)	0	µg/L
7/13/2017	Well 16	Cyanide (CN)	0	µg/L
7/13/2017	Well 16	Dibromochloromethane	0	µg/L
7/13/2017	Well 16	Dibromochloropropane (DBCP)	0	µg/L
7/13/2017	Well 16	Dichloromethane (Methylene Chloride)	0	µg/L
7/13/2017	Well 16	Ethylbenzene	0	µg/L
7/13/2017	Well 16	Ethylene Dibromide (EDB)	0	µg/L
7/13/2017	Well 16	Fluoride (F)	0.35	mg/L
7/13/2017	Well 16	Hydroxide (OH)	0	mg/L
7/13/2017	Well 16	Iron (Fe)	0	µg/L
7/13/2017	Well 16	Lead (Pb)	0	µg/L
7/13/2017	Well 16	m,p-Xylene	0	µg/L
7/13/2017	Well 16	Magnesium (Mg)	11	mg/L
7/13/2017	Well 16	Manganese (Mn)	0	µg/L
7/13/2017	Well 16	Mercury (Hg)	0	µg/L
7/13/2017	Well 16	Methyl tert-Butyl Ether (MTBE)	0	µg/L
7/13/2017	Well 16	Methylene Blue Active Subs. (MBAS)	0	µg/L
7/13/2017	Well 16	Monochlorobenzene (Chlorobenzene)	0	µg/L
7/13/2017	Well 16	Nickel (Ni)	0	µg/L
7/13/2017	Well 16	Nitrate & Nitrite as Nitrogen (N)	5 ¹	µg/L
7/13/2017	Well 16	Nitrate as N (NO3-N)	5 ²	mg/L
7/13/2017	Well 16	Nitrite (as N)	0	µg/L
7/13/2017	Well 16	Odor Threshold at 60 C	1	TON

¹ Represents treated effluent value. Well 16 untreated nitrate & nitrite = 16 mg/L as N

² Represents treated effluent value. Well 16 untreated nitrate = 16 mg/L as N

Sample Date	Source	Constituent	Results	Units
7/13/2017	Well 16	o-Xylene	0	µg/L
7/13/2017	Well 16	Perchlorate (Low Level)	0	µg/L
7/13/2017	Well 16	pH (Laboratory)	7.9	Standard Units
7/13/2017	Well 16	Potassium (K)	2	mg/L
7/13/2017	Well 16	Selenium (Se)	0	µg/L
7/13/2017	Well 16	Silver (Ag)	0	µg/L
7/13/2017	Well 16	Sodium (Na)	15	mg/L
7/13/2017	Well 16	Specific Conductance (E.C.)	550	umhos/cm
7/13/2017	Well 16	Styrene	0	µg/L
7/13/2017	Well 16	Sulfate (SO4)	36	mg/L
7/13/2017	Well 16	Tetrachloroethylene (PCE)	0	µg/L
7/13/2017	Well 16	Thallium (Tl)	0	µg/L
7/13/2017	Well 16	Toluene	0	µg/L
7/13/2017	Well 16	Total 1,3-Dichloropropene	0	µg/L
7/13/2017	Well 16	Total Alkalinity (as CaCO3)	140	mg/L
7/13/2017	Well 16	Total Filterable Residue/TDS	300	mg/L
7/13/2017	Well 16	Total Hardness (as CaCO3)	230	mg/L
7/13/2017	Well 16	Total Trihalomethanes (TTHM)	0	µg/L
7/13/2017	Well 16	Total Xylenes (m,p & o)	0	µg/L
7/13/2017	Well 16	trans-1,2-Dichloroethylene (t-1,2-DCE)	0	µg/L
7/13/2017	Well 16	trans-1,3-Dichloropropene	0	µg/L
7/13/2017	Well 16	Trichloroethylene (TCE)	0	µg/L
7/13/2017	Well 16	Trichlorofluoromethane (Freon 11)	0	µg/L
7/13/2017	Well 16	Turbidity (distribution system)	0.1	NTU
7/13/2017	Well 16	Vanadium (V)	6.3	µg/L
7/13/2017	Well 16	Vinyl Chloride (VC)	0	µg/L
7/13/2017	Well 16	Zinc (Zn)	0	µg/L
7/13/2017	Well 19	% difference Anion/Cation	4.2	
7/13/2017	Well 19	1,1,1-Trichloroethane (1,1,1-TCA)	0	µg/L
7/13/2017	Well 19	1,1,2,2-Tetrachloroethane	0	µg/L

Sample Date	Source	Constituent	Results	Units
7/13/2017	Well 19	1,1,2-Trichloro-1,2,2-Trifluoroethane	0	µg/L
7/13/2017	Well 19	1,1,2-Trichloroethane (1,1,2-TCA)	0	µg/L
7/13/2017	Well 19	1,1-Dichloroethane (1,1-DCA)	0	µg/L
7/13/2017	Well 19	1,1-Dichloroethylene (1,1-DCE)	0	µg/L
7/13/2017	Well 19	1,2,4-Trichlorobenzene	0	µg/L
7/13/2017	Well 19	1,2-Dichlorobenzene (o-DCB)	0	µg/L
7/13/2017	Well 19	1,2-Dichloroethane (1,2-DCA)	0	µg/L
7/13/2017	Well 19	1,2-Dichloropropane	0	µg/L
7/13/2017	Well 19	1,4-Dichlorobenzene (p-DCB)	0	µg/L
7/13/2017	Well 19	Aluminum (Al)	0	µg/L
7/13/2017	Well 19	Anion Sum	4.2	
7/13/2017	Well 19	Antimony (Sb)	0	µg/L
7/13/2017	Well 19	Apparent Color (Unfiltered) Units	0	Units
7/13/2017	Well 19	Arsenic (As)	0	µg/L
7/13/2017	Well 19	Barium (Ba)	0	µg/L
7/13/2017	Well 19	Benzene	0	µg/L
7/13/2017	Well 19	Beryllium (Be)	0	µg/L
7/13/2017	Well 19	Bicarbonate (HCO3)	190	mg/L
7/13/2017	Well 19	Boron (B)	0	µg/L
7/13/2017	Well 19	Bromodichloromethane	0	µg/L
7/13/2017	Well 19	Bromoform	0	µg/L
7/13/2017	Well 19	Cadmium (Cd)	0	µg/L
7/13/2017	Well 19	Calcium (Ca)	59	mg/L
7/13/2017	Well 19	Carbon Tetrachloride	0	µg/L
7/13/2017	Well 19	Carbonate (CO3)	0	mg/L
7/13/2017	Well 19	Cation Sum	4.1	
7/13/2017	Well 19	Chloride (Cl)	5.6	mg/L
7/13/2017	Well 19	Chloroform	0	µg/L
7/13/2017	Well 19	Chromium (+6)	0	µg/L
7/13/2017	Well 19	Chromium (Total Cr)	0	µg/L

Sample Date	Source	Constituent	Results	Units
7/13/2017	Well 19	cis-1,2-Dichloroethylene (c-1,2-DCE)	0	µg/L
7/13/2017	Well 19	cis-1,3-Dichloropropene	0	µg/L
7/13/2017	Well 19	Copper (Cu)	0	µg/L
7/13/2017	Well 19	Cyanide (CN)	0	µg/L
7/13/2017	Well 19	Dibromochloromethane	0	µg/L
7/13/2017	Well 19	Dibromochloropropane (DBCP)	0.079	µg/L
7/13/2017	Well 19	Dichloromethane (Methylene Chloride)	0	µg/L
7/13/2017	Well 19	E. Coli Bacteria (P/A)	0	p/a
7/13/2017	Well 19	Ethylbenzene	0	µg/L
7/13/2017	Well 19	Ethylene Dibromide (EDB)	0	µg/L
7/13/2017	Well 19	Fluoride (F)	0.35	mg/L
7/13/2017	Well 19	Hydroxide (OH)	0	mg/L
7/13/2017	Well 19	Iron (Fe)	0	µg/L
7/13/2017	Well 19	Lead (Pb)	0	µg/L
7/13/2017	Well 19	m,p-Xylene	0	µg/L
7/13/2017	Well 19	Magnesium (Mg)	8.3	mg/L
7/13/2017	Well 19	Manganese (Mn)	0	µg/L
7/13/2017	Well 19	Mercury (Hg)	0	µg/L
7/13/2017	Well 19	Methyl tert-Butyl Ether (MTBE)	0	µg/L
7/13/2017	Well 19	Methylene Blue Active Subs. (MBAS)	0	µg/L
7/13/2017	Well 19	Monochlorobenzene (Chlorobenzene)	0	µg/L
7/13/2017	Well 19	Nickel (Ni)	0	µg/L
7/13/2017	Well 19	Nitrate & Nitrite as Nitrogen (N)	6.2	µg/L
7/13/2017	Well 19	Nitrate as N (NO3-N)	6.2	mg/L
7/13/2017	Well 19	Nitrite (as N)	0	µg/L
7/13/2017	Well 19	Odor Threshold at 60 C	1	TON
7/13/2017	Well 19	o-Xylene	0	µg/L
7/13/2017	Well 19	Perchlorate (Low Level)	0	µg/L
7/13/2017	Well 19	pH (Laboratory)	8	Standard Units
7/13/2017	Well 19	Potassium (K)	1.6	mg/L

Sample Date	Source	Constituent	Results	Units
7/13/2017	Well 19	Selenium (Se)	0	µg/L
7/13/2017	Well 19	Silver (Ag)	0	µg/L
7/13/2017	Well 19	Sodium (Na)	10	mg/L
7/13/2017	Well 19	Specific Conductance (E.C.)	400	umhos/cm
7/13/2017	Well 19	Styrene	0	µg/L
7/13/2017	Well 19	Sulfate (SO4)	22	mg/L
7/13/2017	Well 19	Tetrachloroethylene (PCE)	0	µg/L
7/13/2017	Well 19	Thallium (Tl)	0	µg/L
7/13/2017	Well 19	Toluene	0	µg/L
7/13/2017	Well 19	Total 1,3-Dichloropropene	0	µg/L
7/13/2017	Well 19	Total Alkalinity (as CaCO3)	160	mg/L
7/13/2017	Well 19	Total Coliform (P/A)	0	p/a
7/13/2017	Well 19	Total Filterable Residue/TDS	210	mg/L
7/13/2017	Well 19	Total Hardness (as CaCO3)	180	mg/L
7/13/2017	Well 19	Total Trihalomethanes (TTHM)	0	µg/L
7/13/2017	Well 19	Total Xylenes (m,p & o)	0	µg/L
7/13/2017	Well 19	trans-1,2-Dichloroethylene (t-1,2-DCE)	0	µg/L
7/13/2017	Well 19	trans-1,3-Dichloropropene	0	µg/L
7/13/2017	Well 19	Trichloroethylene (TCE)	0	µg/L
7/13/2017	Well 19	Trichlorofluoromethane (Freon 11)	0	µg/L
7/13/2017	Well 19	Turbidity (distribution system)	0	NTU
7/13/2017	Well 19	Vanadium (V)	4.9	µg/L
7/13/2017	Well 19	Vinyl Chloride (VC)	0	µg/L
7/13/2017	Well 19	Zinc (Zn)	0	µg/L
6/15/2017	Well 24	% difference Anion/Cation	4	
6/15/2017	Well 24	1,1,1-Trichloroethane (1,1,1-TCA)	0	µg/L
6/15/2017	Well 24	1,1,2,2-Tetrachloroethane	0	µg/L
6/15/2017	Well 24	1,1,2-Trichloro-1,2,2-Trifluoroethane	0	µg/L
6/15/2017	Well 24	1,1,2-Trichloroethane (1,1,2-TCA)	0	µg/L
6/15/2017	Well 24	1,1-Dichloroethane (1,1-DCA)	0	µg/L

Sample Date	Source	Constituent	Results	Units
6/15/2017	Well 24	1,1-Dichloroethylene (1,1-DCE)	0	µg/L
6/15/2017	Well 24	1,2,4-Trichlorobenzene	0	µg/L
6/15/2017	Well 24	1,2-Dichlorobenzene (o-DCB)	0	µg/L
6/15/2017	Well 24	1,2-Dichloroethane (1,2-DCA)	0	µg/L
6/15/2017	Well 24	1,2-Dichloropropane	0	µg/L
6/15/2017	Well 24	1,4-Dichlorobenzene (p-DCB)	0	µg/L
6/15/2017	Well 24	Aluminum (Al)	0	µg/L
6/15/2017	Well 24	Anion Sum	4	
6/15/2017	Well 24	Antimony (Sb)	0	µg/L
6/15/2017	Well 24	Apparent Color (Unfiltered) Units	0	Units
6/15/2017	Well 24	Arsenic (As)	0	µg/L
6/15/2017	Well 24	Barium (Ba)	0	µg/L
6/15/2017	Well 24	Benzene	0	µg/L
6/15/2017	Well 24	Beryllium (Be)	0	µg/L
6/15/2017	Well 24	Bicarbonate (HCO ₃)	170	mg/L
6/15/2017	Well 24	Boron (B)	0	µg/L
6/15/2017	Well 24	Bromodichloromethane	0	µg/L
6/15/2017	Well 24	Bromoform	0	µg/L
6/15/2017	Well 24	Cadmium (Cd)	0	µg/L
6/15/2017	Well 24	Calcium (Ca)	50	mg/L
6/15/2017	Well 24	Carbon Tetrachloride	0	µg/L
6/15/2017	Well 24	Carbonate (CO ₃)	0	mg/L
6/15/2017	Well 24	Cation Sum	3.8	
6/15/2017	Well 24	Chloride (Cl)	6.6	mg/L
6/15/2017	Well 24	Chloroform	0	µg/L
6/15/2017	Well 24	Chromium (+6)	0	µg/L
6/15/2017	Well 24	Chromium (Total Cr)	0	µg/L
6/15/2017	Well 24	cis-1,2-Dichloroethylene (c-1,2-DCE)	0	µg/L
6/15/2017	Well 24	cis-1,3-Dichloropropene	0	µg/L
6/15/2017	Well 24	Copper (Cu)	0	µg/L

Sample Date	Source	Constituent	Results	Units
6/15/2017	Well 24	Cyanide (CN)	0	µg/L
6/15/2017	Well 24	Dibromochloromethane	0	µg/L
6/15/2017	Well 24	Dibromochloropropane (DBCP)	0.12	µg/L
6/15/2017	Well 24	Dichloromethane (Methylene Chloride)	0	µg/L
6/15/2017	Well 24	Ethylbenzene	0	µg/L
6/15/2017	Well 24	Ethylene Dibromide (EDB)	0	µg/L
6/15/2017	Well 24	Fluoride (F)	0.43	mg/L
6/15/2017	Well 24	Hydroxide (OH)	0	mg/L
6/15/2017	Well 24	Iron (Fe)	0	µg/L
6/15/2017	Well 24	Lead (Pb)	0	µg/L
6/15/2017	Well 24	m,p-Xylene	0	µg/L
6/15/2017	Well 24	Magnesium (Mg)	8.8	mg/L
6/15/2017	Well 24	Manganese (Mn)	0	µg/L
6/15/2017	Well 24	Mercury (Hg)	0	µg/L
6/15/2017	Well 24	Methyl tert-Butyl Ether (MTBE)	0	µg/L
6/15/2017	Well 24	Methylene Blue Active Subs. (MBAS)	0	µg/L
6/15/2017	Well 24	Monochlorobenzene (Chlorobenzene)	0	µg/L
6/15/2017	Well 24	Nickel (Ni)	0	µg/L
6/15/2017	Well 24	Nitrate & Nitrite as Nitrogen (N)	7.2	µg/L
6/15/2017	Well 24	Nitrate as N (NO3-N)	7.2	mg/L
6/15/2017	Well 24	Nitrite (as N)	0	µg/L
6/15/2017	Well 24	Odor Threshold at 60 C	1	TON
6/15/2017	Well 24	o-Xylene	0	µg/L
6/15/2017	Well 24	Perchlorate (Low Level)	0	µg/L
6/15/2017	Well 24	pH (Laboratory)	7.4	Standard Units
6/15/2017	Well 24	Potassium (K)	1.9	mg/L
6/15/2017	Well 24	Selenium (Se)	0	µg/L
6/15/2017	Well 24	Silver (Ag)	0	µg/L
6/15/2017	Well 24	Sodium (Na)	13	mg/L
6/15/2017	Well 24	Specific Conductance (E.C.)	380	umhos/cm

Sample Date	Source	Constituent	Results	Units
6/15/2017	Well 24	Styrene	0	µg/L
6/15/2017	Well 24	Sulfate (SO4)	23	mg/L
6/15/2017	Well 24	Tetrachloroethylene (PCE)	0	µg/L
6/15/2017	Well 24	Thallium (TI)	0	µg/L
6/15/2017	Well 24	Toluene	0	µg/L
6/15/2017	Well 24	Total 1,3-Dichloropropene	0	µg/L
6/15/2017	Well 24	Total Alkalinity (as CaCO3)	140	mg/L
6/15/2017	Well 24	Total Filterable Residue/TDS	230	mg/L
6/15/2017	Well 24	Total Hardness (as CaCO3)	160	mg/L
6/15/2017	Well 24	Total Trihalomethanes (TTHM)	0	µg/L
6/15/2017	Well 24	Total Xylenes (m,p & o)	0	µg/L
6/15/2017	Well 24	trans-1,2-Dichloroethylene (t-1,2-DCE)	0	µg/L
6/15/2017	Well 24	trans-1,3-Dichloropropene	0	µg/L
6/15/2017	Well 24	Trichloroethylene (TCE)	0	µg/L
6/15/2017	Well 24	Trichlorofluoromethane (Freon 11)	0	µg/L
6/15/2017	Well 24	Turbidity (distribution system)	0	NTU
6/15/2017	Well 24	Vanadium (V)	7.7	µg/L
6/15/2017	Well 24	Vinyl Chloride (VC)	0	µg/L
6/15/2017	Well 24	Zinc (Zn)	0	µg/L

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CHINO BASIN WATERMASTER

I. CONSENT CALENDAR (AP & OAP)

E. APPLICATION: LOCAL STORAGE AGREEMENTS – APPROPRIATIVE POOL

I. BUSINESS ITEMS – ROUTINE (ONAP)

E. APPLICATION: LOCAL STORAGE AGREEMENTS – APPROPRIATIVE 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: December 12, 2019
TO: AP/ONAP/OAP Members
SUBJECT: Application: Local Storage Agreements – Appropriative Pool (Consent Calendar Item I.E.)

SUMMARY

Issue: Consideration of Application for Local Storage Agreements – Storage of Excess Carryover and Local Supplemental Water by members of the Appropriative Pool.

Recommendation: Recommend to the Advisory Committee to recommend to the Watermaster Board to approve the application for local storage agreements as presented.

Financial Impact: None

Future Consideration

Appropriative Pool – December 12, 2019: Recommend to the Advisory Committee to recommend that Watermaster Board approves the application for storage agreements as presented.

Non-Agricultural Pool – December 12, 2019: Recommend to the Advisory Committee to recommend that Watermaster Board approves the application for storage agreements as presented.

Agricultural Pool – December 12, 2019: Recommend to the Advisory Committee to recommend that Watermaster Board approves the application for storage agreements as presented.

Advisory Committee – January 16, 2020: Recommend to the Watermaster Board to approve the application for storage agreements as presented.

Watermaster Board – January 23, 2020: Approve the application and authorize the General Manager to execute the necessary storage agreements.

ACTIONS:

Appropriative Pool – December 12, 2019:

Non-Agricultural Pool – December 12, 2019:

Agricultural Pool – December 12, 2019:

Advisory Committee – January 16, 2020:

Watermaster Board – January 23, 2020:

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 Optimum Basin Management Program (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, Watermaster must approve the transaction. Where the request for Watermaster approval is submitted by a party to the Judgment, there is a rebuttable presumption that most of the transactions do not result in Material Physical Injury to a party to the Judgment or the Basin (Storage and Recovery Programs do not have this presumption).

Pursuant to the Peace Agreement §5.2; Restated Judgment, Exhibit G, Non-Agricultural Pool Pooling Plan ¶7; Restated Judgment Exhibit H, and Appropriative Pool Pooling Plan ¶12 parties are required to have approved Local Storage Agreements for the amounts in their stored water accounts.

DISCUSSION

The Appropriative Pool has submitted an Application for Local Storage Agreement (Attachment 1) on behalf of all its members for their Excess Carry Over and Local Supplemental accounts. The application was noticed on December 6, 2019 (Attachment 2).

The 500,000 ac-ft Safe Storage Capacity threshold analyzed in the OBMP Implementation Plan PEIR has been re-examined and revised to 600,000 ac-ft, through June 30, 2021. The total water in stored water accounts as of June 30, 2019 is 549,243.3 acre-feet.

The storage applications to be considered at this time are for the Excess Carry Over and Local Supplemental accounts of the members of the Appropriative Pool.

ATTACHMENTS

1. Form 1 – Application for Local Storage Agreement
2. Notice of Application for Local Storage Agreements as noticed on December 6, 2019 (click on link below to access): <https://cbwm.syncedtool.com/shares/file/fc3ce20897bee2/?modal=1>

APPLICATION FOR LOCAL STORAGE AGREEMENT

APPLICANT

Watermaster Appropriative Pool Parties with Stored Water Accounts - see attached Table A

Name of Party

Various

Street Address

Various

City

CA

State

Various

Zip Code

Telephone: Various

December 3, 2019

Date Requested

Date Approved

Amount shown in 2019-20 Assessment Package Acre-feet

Amount Requested

Acre-feet

Amount Approved

TYPE OF WATER TO BE PLACED IN STORAGE

[] Excess Carry Over [] Local Supplemental or Imported [X] Both

PURPOSE OF STORAGE - Check all that may apply

- [X] Stabilize or reduce future water costs/assessments.
[X] Facilitate utilization of other available sources of supply.
[X] Facilitate replenishment under certain well sites.
[X] Preserve pumping right for a changed future potential use.
[X] Other, explain Any other approved purpose not listed above.

METHOD AND LOCATION OF PLACEMENT IN STORAGE - Check and attach all that may apply

- [] Recharge (Form 2)
[] Transfer of Right to Water in Storage (Form 3)
[] Transfer from another party to the Judgment (Form 5)

METHOD AND LOCATION OF RECAPTURE FROM STORAGE - Check and attach all that may apply

- [] Pump from my wells (Form 4)
[] Transfer to another party to the Judgment (Form 3)

WATER QUALITY AND WATER LEVELS

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

The latest water quality and water levels throughout the basin are shown in the latest State of the Basin Report.

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 [X]

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

Blank lines for mitigation measures.

ADDITIONAL INFORMATION ATTACHED

Yes [] No []

Various

Applicant

TO BE COMPLETED BY WATERMASTER:

DATE OF APPROVAL FROM NON-AGRICULTURAL POOL: _____

DATE OF APPROVAL FROM AGRICULTURAL POOL: _____

DATE OF APPROVAL FROM APPROPRIATIVE POOL: _____

HEARING DATE, IF ANY: _____

DATE OF ADVISORY COMMITTEE APPROVAL: _____

DATE OF BOARD APPROVAL: _____ Agreement # _____

FORM 1 - TABLE A

NEW STORAGE ACCOUNT BALANCES BY PARTY (APPROVED 2019/2020 ASSESSMENT PACKAGE)

PARTY NAME	PARTY ADDRESS	CONTACT PERSON	EXCESS CARRYOVER	LOCAL SUPPLEMENTAL RECYCLED	LOCAL SUPPLEMENTAL IMPORTED
Arrowhead Mountain Spring Water	405 N. Indian Hill Blvd., Claremont, CA 91711-4614	Kevin Sage	0.0	0.0	0.0
Calmat Company	405 N. Indian Hill Blvd., Claremont, CA 91711-4614	Kevin Sage	0.4	0.0	0.0
Chino Hills, City of	3210 E. Guasti Road, Suite 100, Ontario, CA 91761	Ron Craig	9,181.2	9,962.4	0.0
Chino, City of	5050 Schaefer Ave., Chino, CA 91710-5549	Dave Crosley	107,684.5	8,514.5	1,928.0
Cucamonga Valley Water District	10440 Ashford St., Rancho Cucamonga, CA 91729	John Bosler	16,083.7	26,781.8	638.4
Desalter Authority	2151 S. Haven Ave., Suite 202, Ontario, CA 91761	Tom O'Neill	0.0	0.0	0.0
Fontana Union Water Company	15966 Arrow Route, Fontana, CA 92335	Seth Zielke	0.0	0.0	0.0
Fontana Water Company	15966 Arrow Route, Fontana, CA 92335	Cris Fealy	3,389.8	0.0	310.3
Fontana, City of	8353 Sierra Avenue, Fontana, CA 92335	Chuck Hays	0.0	44.1	0.0
Golden State Water Company	401 S. San Dimas Canyon Road, San Dimas, CA 91733	Ben Lewis	590.8	0.0	57.2
Jurupa Community Services District	11201 Harrel St. Mira Loma, Ca. 91752	Chris Berch	27,795.0	4,835.8	0.0
Marygold Mutual Water Company	9725 Alder Ave., Bloomington, CA 92316	Steven Andrews	614.5	0.0	0.0
Monte Vista Irrigation Company	PO Box 71, Montclair, CA 91763	Van Jew	9,375.0	0.0	0.0
Monte Vista Water District	PO Box 71, Montclair, CA 91763	Van Jew	7,753.8	0.0	1.6
NCL Co. LLC	405 N. Indian Hill Blvd., Claremont, CA 91711-4614	Bob Bowcock	4.0	0.0	0.0
Niagara Bottling, LLC	2560 E. Philadelphia St., Ontario, CA 91761	Geoffrey Kamansky	0.0	0.0	109.1
Nicholson Trust	15966 Arrow Route, Fontana, CA 92335	Chris Fealy	1.4	0.0	0.0
Norco, City of	2870 Clark Ave., Norco, CA 92860	Chad Blais	2,150.0	0.0	96.4
Ontario, City of	1425 S. Bon View Ave., Ontario, CA 91761	Scott Burton	33,436.3	43,735.6	0.0
Pomona, City of	148 N.Huntington St., Pomona, CA 91768	Chris Diggs	24,053.4	0.0	1,560.9
San Antonio Water Company	139 N. Euclid Ave., Upland, CA 91786	Teri Layton	1,433.4	0.0	3,599.5
San Bernardino County of (Shooting Park)	385 North Arrowhead Ave., 5th Floor, San Bernardino, CA 92415	Bob Page	0.0	0.0	0.0
Santa Ana River Water Company	10530 54th Street, Jurupa Valley, CA 91752	Arnold Rodriguez	6,133.9	0.0	481.4
Upland, City of	PO Box 460, Upland, CA 91785-0460	Rosemary Hoerning	17,058.0	10,882.7	0.0
West End Consolidated Water Company	PO Box 460, Upland, CA 91785-0460	Rosemary Hoerning	4,689.8	0.0	452.8
West Valley Water District	PO Box 920, Rialto, CA 92377	Clarence Mansell	7,604.4	0.0	307.9

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Storage Agreements as noticed on December 6, 2019

(click on link below to access):

<https://cbwm.syncedtool.com/shares/file/fc3ce20897bee2/?modal=1>

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CHINO BASIN WATERMASTER

I. CONSENT CALENDAR (AP & OAP)

F. APPLICATION: WATER TRANSACTION – SAN ANTONIO WATER COMPANY TO CUCAMONGA VALLEY WATER DISTRICT

I. BUSINESS ITEMS – ROUTINE (ONAP)

F. APPLICATION: WATER TRANSACTION – SAN ANTONIO WATER COMPANY TO CUCAMONGA VALLEY WATER DISTRICT



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: December 12, 2019

TO: AP/ONAP/OAP Members

SUBJECT: Application: Water Transaction – San Antonio Water Company to Cucamonga Valley Water District (Consent Calendar Item I.F.)

SUMMARY

Issue: Notice of Sale or Transfer – The transfer of 174.0 acre-feet of water from San Antonio Water Company to Cucamonga Valley Water Company. This transfer is made from San Antonio Water Company's Local Supplemental Account.

Recommendation: Provide advice and assistance to the Watermaster Board on the proposed transaction.

Financial Impact: None

Future Consideration

Appropriative Pool – December 12, 2019: Advice and assistance.
Non-Agricultural Pool – December 12, 2019: Advice and assistance.
Agricultural Pool – December 12, 2019: Advice and assistance
Advisory Committee – January 16, 2020: Advice and assistance.
Watermaster Board – January 23, 2020: Approval (within Watermaster powers and duties).

ACTIONS:

Appropriative Pool – December 12, 2019:
Non-Agricultural Pool – December 12, 2019:
Agricultural Pool – December 12, 2019:
Advisory Committee – January 16, 2020:
Watermaster Board – January 23, 2020:

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

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

The date of this application is October 28, 2019. Notice of the transaction was transmitted electronically and mailed on December 6, 2019, along with the materials submitted by the requestors.

DISCUSSION

Beyond confirmation of the source of the water to be transferred (Supplemental Water or Excess Carryover), Watermaster will evaluate the eventual disposition of the transferred water (e.g. production, storage, etc.) at the end of the production year and account for the same consistent with the Watermaster Guidance Documents.

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

ATTACHMENTS

1. Consolidated Forms 3, 4 & 5
2. Notice Forms

Consolidated Forms 3, 4 & 5

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

FISCAL YEAR 2019 - 2020

DATE REQUESTED: October 28, 2019

AMOUNT REQUESTED: 173.96 Acre-Feet

TRANSFER FROM (SELLER / TRANSFEROR):	TRANSFER TO (BUYER / TRANSFEREE):
<u>San Antonio Water Company</u>	<u>Cucamonga Valley Water District</u>
Name of Party	Name of Party
<u>139 N. Euclid Avenue</u>	<u>10440 Ashford Street</u>
Street Address	Street Address
<u>Upland</u> <u>CA</u> <u>91786</u>	<u>Rancho Cucamonga</u> <u>CA</u> <u>91730</u>
City State Zip Code	City State Zip Code
<u>(909)982-4107 Ext. 102</u>	<u>(909)987-2591</u>
Telephone	Telephone
<u>(909)920-3047</u>	
Facsimile	Facsimile

Have any other transfers been approved by Watermaster between these parties covering the same fiscal year? Yes No

PURPOSE OF TRANSFER:

- Pump when other sources of supply are curtailed
- Pump to meet current or future demand over and above production right
- Pump as necessary to stabilize future assessment amounts
- Other, explain _____

WATER IS TO BE TRANSFERRED FROM:

- Annual Production Right (Appropriative Pool) or Operating Safe Yield (Non-Agricultural Pool)
- Storage
- Annual Production Right / Operating Safe Yield first, then any additional from Storage
- Other, explain Local Supplemental

WATER IS TO BE TRANSFERRED TO:

- Annual Production Right / Operating Safe Yield (common)
- Storage (rare)
- Other, explain _____

IS THE 85/15 RULE EXPECTED TO APPLY? (If yes, all answers below must be "yes.") Yes No
Is the Buyer an 85/15 Party? Yes No
Is the purpose of the transfer to meet a current demand over and above production right? Yes No
Is the water being placed into the Buyer's Annual Account? Yes No

<p>IF WATER IS TO BE TRANSFERRED FROM STORAGE:</p> <p>Varies _____</p> <p>Projected Rate of Recapture _____ Projected Duration of Recapture _____</p> <p>METHOD OF RECAPTURE (e.g. pumping, exchange, etc.):</p> <p>Pumping _____</p> <p>PLACE OF USE OF WATER TO BE RECAPTURED:</p> <p>Cucamonga Valley Water District Service Area is within MZ2 _____</p> <p>LOCATION OF RECAPTURE FACILITIES (IF DIFFERENT FROM REGULAR PRODUCTION FACILITIES):</p> <p>N/A _____</p>

WATER QUALITY AND WATER LEVELS

Are the Parties aware of any water quality issues that exist in the area? Yes No
If yes, please explain:

What are the existing water levels in the areas that are likely to be affected?

Static water levels varies from 426 feet to 583 feet below the ground surface.

MATERIAL PHYSICAL INJURY

Are any of the recapture wells located within Management Zone 1? Yes No

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

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

SAID TRANSFER SHALL BE CONDITIONED UPON:

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


ADDITIONAL INFORMATION ATTACHED

Yes No



 Seller / Transferor Representative Signature

Brian Lee, General Manager
 Seller / Transferor Representative Name (Printed)



 Buyer / Transferee Representative Signature

John Bosler, General Manager/CEO
 Buyer / Transferee Representative Name (Printed)

TO BE COMPLETED BY WATERMASTER STAFF:

DATE OF WATERMASTER NOTICE: _____

DATE OF APPROVAL FROM APPROPRIATIVE POOL: _____

DATE OF APPROVAL FROM NON-AGRICULTURAL POOL: _____

DATE OF APPROVAL FROM AGRICULTURAL POOL: _____

HEARING DATE, IF ANY: _____

DATE OF ADVISORY COMMITTEE APPROVAL: _____

DATE OF BOARD APPROVAL: _____

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CHINO BASIN WATERMASTER

NOTICE

OF

APPLICATION(S)

RECEIVED FOR

WATER TRANSACTIONS – ACTIVITIES

Date of Notice:

December 6, 2019

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

TRANSFER OF WATER

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

NOTICE OF APPLICATION(S) RECEIVED

Date of Application: **October 28, 2019** Date of this notice: **December 6, 2019**

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

- Notice of Sale or Transfer – The transfer of 174.0 acre-feet of water from San Antonio Water Company to Cucamonga Valley Water Company. This transfer is made from San Antonio Water Company’s Local Supplemental Account.

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

Appropriative Pool:	December 12, 2019
Non-Agricultural Pool:	December 12, 2019
Agricultural Pool:	December 12, 2019

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

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

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

Watermaster address:

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

Tel: (909) 484-3888
Fax: (909) 484-3890

CHINO BASIN WATERMASTER

II. BUSINESS ITEMS

A. FISCAL YEAR 2019/20 BUDGET AMENDMENT (FORM A-19-12-01)



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: December 12, 2019
TO: AP/ONAP/OAP Members
SUBJECT: Fiscal Year 2019/20 Budget Amendment (Form A-19-12-01)
(Business Item II.A.)

SUMMARY

Issue: The 2020 OBMP Update Environmental Review Services - Contract Between CBWM and Tom Dodson & Associates in the amount of \$225,500 was not budgeted for in the FY 2019/20 Budget. The Watermaster FY 2019/20 "Amended" budget needs to be increased by an additional \$225,500.

Recommendation: Recommend Advisory Committee approval.

Financial Impact: This action will increase the overall "Amended" FY 2019/20 budget by \$225,500 but not increase the assessment calculation because the funding will be drawn from the OBMP Reserves. The Budget Amendment Form A-19-12-01 will increase the "Amended" FY 2019/20 Budget from \$8,642,327 to \$8,867,827 (excluding any Carry-Over funding).

Future Consideration

Appropriative Pool – December 12, 2019: Recommend Advisory Committee approval
Non-Agricultural Pool – December 12, 2019: Recommend Advisory Committee approval
Agricultural Pool – December 12, 2019: Recommend Advisory Committee approval
Advisory Committee – December 19, 2019: Approval
Watermaster Board – December 19, 2019: Adoption (Advisory Committee approval required)

ACTIONS:

Appropriative Pool – December 12, 2019:
Non-Agricultural Pool – December 12, 2019:
Agricultural Pool – December 12, 2019:
Advisory Committee – December 19, 2019:
Watermaster Board – December 19, 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

Utilizing the Watermaster's accounting software (QuickBooks Enterprise Solutions 18.0), on a continuing basis the Watermaster staff reviews the budget vs. actual reports and ensures that adequate budget and funds are maintained. Watermaster also provides monthly financial reports to keep all members apprised of the actual and projected total expenses for the current fiscal year. Watermaster also provides a process for reallocating budget to other expense categories to provide continued funding, or amending the approved budget to ensure the categories are funded properly.

Budget Amendment Policy: If there are no budgeted funds available to transfer to the line item, the GM will submit a Budget Amendment request to the Pools, Advisory Committee, and then to the Board for formal approval. The Budget Amendment should indicate the anticipated source of funding for the approved increase.

All Budget Amendments are processed in and recorded in the accounting system.

DISCUSSION

Budget Amendment Form A-19-12-01 in the amount of \$225,500 is being presented for approval during the December 2019 Pools, Advisory, and Board meetings regarding the contract between CBWM and Tom Dodson & Associates to procure environmental review services for the 2020 OBMP Update.

Watermaster, along with the other water management agencies in the Chino Basin, seek to have an updated environmental impact report (EIR) compiled for an updated Optimum Basin Management Program (OBMP). Tom Dodson & Associates was asked to submit a proposal to assist the project team with California Environmental Quality Act (CEQA) compliance by preparing a Programmatic EIR.

This additional project work was not budgeted during the development of the FY 2019/20 budget, as at the time, it was believed that the work would be performed under an existing contract between IEUA and Dodson & Associates and paid for by IEUA. Based on recent meetings held by Watermaster and Inland Empire Utilities Agency it was concluded that the benefit accrues to all parties to the Judgment and not only those that are IEUA Member Agencies; as such it is believed to be more appropriate that the expense for the environmental review should be paid through Watermaster.

The additional funding of \$225,500 would come from the OBMP Reserve Fund which currently has an available balance of \$809,044, and will not require a special assessment.

The Chino Basin Watermaster "Original" FY 2019/20 budget of \$8,642,327 was approved by the Board on May 23, 2019. With the closing of the financial records for the fiscal year ended June 30, 2019, the "Carry Over" funding from FY 2018/19 and previous years has been calculated at \$2,312,460.70 which brings the "Amended" Budget for FY 2019/20 to \$10,954,787.70 ($\$8,642,327 + \$2,312,460.70 = \$10,954,787.70$). With the approval of Budget Amendment Form A-19-12-01, the "Amended" FY 2019/20 budget will become \$11,180,287.70 ($\$10,954,787.70 + \$225,500 = \$11,180,287.70$).

ATTACHMENTS

1. Budget Amendment Form A-19-12-01



**CHINO BASIN WATERMASTER
BUDGET AMENDMENT FORM A-19-12-01**

To: **All Parties**

Fiscal Year 2019/20

From : Joseph S. Joswiak, CFO Date: _____

December 12, 2019

Describe reason for the budget amendment here: The original budget for FY 2019/20, which was approved by the Board on May 23, 2019 for \$8,642,327 (excluding any Carry-Over funding), did not include the amount of \$225,500 for the 2020 OBMP Update Environmental Review Services - Contract Between CBWM and Tom Dodson & Associates. A Budget Amendment Form is proposed to increase the total Watermaster FY 2019/20 budget from \$8,642,327 to \$8,867,827 (excluding any Carry-Over funding). The additional funding of \$225,500 will come from the existing FY 2019/20 OBMP Reserve Fund. Budget Amendment Form A-19-12-01 will not require a Special Assessment because the OBMP Reserve Fund has been previously funded by assessments in the amount of \$809,044 (OBMP FY 2019/20 budget of \$5,393,629 X 15% = \$809,044).

Expenditure Amendment				
<i>Line Item Description</i>	<i>Account Number</i>	<i>Approved Budget</i>	<i>Amended Budget</i>	<i>Amendment Amount</i>
2020 OBMP Update - Dodson & Assoc.	6908.1	\$0	\$225,500	\$225,500
TOTAL:				\$ 225,500

Revenue Source				
<i>Line Item Description</i>	<i>Account Number</i>	<i>Amended Budget</i>	<i>Amended Budget</i>	<i>Amendment Amount</i>
OBMP Reserve Fund	9999	\$908,044	\$682,544	(\$225,500)
TOTAL:				\$ (225,500)

Amendment Procedure	Finance Use Only
1. Staff takes amendment requests to the Pools, Advisory Committee & Board for approval.	Date Board Approved _____
2. The Chief Financial Officer will prepare and process the budget entry.	Entered into System By _____
4. A log will be maintained by the Finance Department detailing the adjustment.	Finance Log # _____
5. A fiscal year file will also be kept to hold all budget amendment forms for auditor review.	Date Posted _____
	Approved By _____
	Date Approved _____

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CHINO BASIN WATERMASTER

II. BUSINESS ITEMS

B. 2020 OBMP UPDATE ENVIRONMENTAL REVIEW SERVICES – CONTRACT BETWEEN CBWM AND TOM DODSON & ASSOCIATES



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: December 12, 2019

TO: AP/ONAP/OAP Members

SUBJECT: 2020 Optimum Basin Management Program Implementation Plan Update Environmental Review Services – Contract Between Chino Basin Watermaster and Tom Dodson & Associates (Business Item II.B.)

SUMMARY:

Issue: A contract between Watermaster and Tom Dodson & Associates is required to prepare the Environmental Review documentation of the 2020 OBMP IP Update.

Recommendation: Offer advice and assistance to the Watermaster Board.

Financial Impact: The amount of the contract is \$225,500 and the item was not budgeted. A budget amendment has been presented as a separate item on this agenda.

Future Consideration

Appropriative Pool – December 12, 2019: Advice and Assistance

Non-Agricultural Pool – December 12, 2019: Advice and Assistance

Agricultural Pool – December 12, 2019: Advice and Assistance

Advisory Committee – December 19, 2019: Advice and Assistance

Watermaster Board – December 19, 2019: Approve and give GM authority to execute [Normal Course of Business]

ACTIONS:

Appropriative Pool – December 12, 2019:

Non-Agricultural Pool – December 12, 2019:

Agricultural Pool – December 12, 2019:

Advisory Committee – December 19, 2019:

Watermaster Board – December 19, 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 2020 OBMP Update is a multi-stakeholder collaborative process to bring the 20-year old document up to date, acknowledging the new challenges and opportunities that the region faces and providing solutions through collective collaboration in adopting and implementing the updated Program.

The Watermaster stakeholders along with staff and consultants started the process to update the OBMP on January 2019. The collaborative process included a series of Listening Sessions where stakeholders expressed their issues, needs and wants related to groundwater management for the coming decades.

The process has resulted in a series of documents that will serve as the basis to update the OBMP Implementation Plan. With the actions identified throughout the process, the OBMP Implementation Plan update will require environmental review.

DISCUSSION

Tom Dodson & Associates has extensive experience in the Chino Basin, including the preparation of the PEIR for the 2000 OBMP Implementation Plan, and the Subsequent EIR for the 2007 amendments. The experience qualifies Dodson & Associates to prepare the environmental review for the OBMP Implementation Plan Update.

The proposed scope of work and contract are attached to this staff report as Attachments 1 and 2 respectively.

The environmental review work was not budgeted during the development of the FY 2019/20 budget, as at the time, it was believed that the work would be performed under an existing contract between IEUA and Dodson & Associates and paid for by IEUA. Based on recent meetings held by Watermaster and IEUA, it has been concluded that the benefit accrues to all parties to the Judgment and not only those that are IEUA Member Agencies; as such it is believed to be more appropriate that the expense for the environmental review should be paid through Watermaster. The scope of work includes Hydrology/Water Quality technical analyses that are to be performed by WEI; these have been budgeted and are included in Watermaster's FY 2019/20 budget.

ATTACHMENTS

1. Scope of Work and Proposal by Tom Dodson & Associates for Environmental Review of the 2020 OBMP Update.
2. Professional Services Agreement between Tom Dodson & Associates and Chino Basin Watermaster for Environmental Review Services for the 2020 OBMP Update.

TOM DODSON & ASSOCIATES

Mailing Address: PO Box 2307, San Bernardino, CA 92406

Physical Address: 2150 N. Arrowhead Avenue, San Bernardino, CA 92405

Tel: (909) 882-3612 ♦ Fax: (909) 882-7015 ♦ Email: tda@tdaenv.com



December 3, 2019

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

Dear Mr. Kavounas:

The Chino Basin Watermaster (Watermaster), along with the other water management agencies in the Chino Basin, seek to have an updated environmental impact report (EIR) compiled for an updated Optimum Basin Management Program (OBMP), which will include a primary focus on groundwater storage management within the Chino Groundwater Basin (proposed project). Based on recent meetings held by the Watermaster and Inland Empire Utilities Agency (Agency), Tom Dodson & Associates (TDA) has been asked to submit this proposal to assist the project team with California Environmental Quality Act (CEQA) compliance by preparing a “program” EIR. This letter contains TDA’s proposal to carry-out the above tasks and move the program forward for implementation by the water management agencies within the Chino Basin.

Compilation of a CEQA document for the proposed project is fairly straight-forward based on the number of preceding environmental documents compiled to support water and wastewater management within the Chino Basin. However, based on our discussions, I anticipate the toughest issue will be compiling the project description that will be used to make the environmental impact forecasts. Thus, I have allocated substantial time to defining the proposed project (proposed action) and coordinating closely with the program engineers, the management team. At this time I suggest that we initiate the following CEQA compliance process: prepare the project description; initiate technical studies; prepare an Initial Study and define the scope of the Program Environmental Impact Report (PEIR); issue the finalized Initial Study and a Notice of Preparation (NOP) for the PEIR, which requires a 30-day mandatory public review period; proceed to compile the PEIR during the NOP review period; finalize and publish the focused Draft PEIR for the mandatory 45-day public review period; and prepare a final PEIR for review and certification by the IEUA Board. The following proposal reflects this assumption. The proposal follows.

Scope of Work

TDA will implement the following tasks to support the compilation of the OBMP Updated PEIR to meet CEQA requirements for the new Program.

Task 1: Attend Meetings and Assist in Defining the Project

TDA will attend meetings with program team and consultant engineering representatives to develop a comprehensive definition of the project that will be used to forecast impacts in the PEIR. Based on our discussions, I expect the project team will provide the basic documentation (OBMP Update and Storage Management Plan) that will define the various program elements and any near-term capital improvements envisioned under the program. In all cases TDA will be acting as an environmental consultant on behalf of the Watermaster to perform the independent review

of the project required by CEQA. The end-product of this task is compilation of a project description that will be provided to the project team and engineers to review and edit. Based on feedback from this review, TDA will finalize the project description.

Based on TDA's experience, a project description, and any alternatives, that clearly define all of the project facilities and operations provides the essential information required to describe the physical changes in the environment that will occur from implementing the proposed project. A draft project description can be submitted to all parties for review within a month following receipt of all of the elements to be considered for the project. The number of hours allocated to meetings over the whole of this project (through PEIR certification) is 150 hours. Total work effort assigned to the project description task is 100 hours. The fee for 150 hours of meetings is \$22,500. This is a T&M fee that includes direct costs. The fee for the project description is \$15,000. Total fee for Task 1 is \$37,500.

Task 2: Prepare the Technical Studies to Support Environmental Documentation

Because we have recent technical studies from the Peace II PEIR and the Facilities Master Plan PEIR, I believe the technical studies can be initiated prior to or immediately after the project description is completed. Based on the project description compiled under Task 1, the preparation of the technical studies is the first stage of review that must be completed to evaluate the environmental consequences of implementing the various programs and facilities to be installed under the program over its life. TDA will rely upon the most current environmental data compiled in various published environmental and planning documents and specific technical studies that will address impacts of the required program improvements. In TDA's opinion technical studies will be required to address the following issues:

- Air Quality/GHG/Energy: \$20,000
- Biology: \$10,000
- Cultural: \$15,000
- Hydrology/Water Quality: to be supplied by WEI
- Noise: \$5,000
- Total: \$50,000

Task 3: Prepare the Initial Study and Notice of Preparation

TDA will prepare an Initial Study with the objective of identifying those issues that are either less than significant without mitigation (such as mineral resources) or can be clearly mitigated to a less than significant impact level (aesthetics). We will utilize the current Standard Initial Study Checklist Form provided in the State CEQA Guidelines. It is TDA's intent to integrate the proposed technical studies into the Initial Study for all issues that will not result in an unavoidable significant adverse impact. Thus, using the proposed technical studies and the existing data base for all other environmental issues, TDA will prepare a fully substantiated Initial Study to initiate the CEQA review process. Based on the approved Initial Study (a document ready for public distribution and review), TDA will prepare a Notice of Preparation (NOP) to announce the Watermaster's intent to prepare a focused Program EIR for compliance with CEQA. The estimated fee for carrying out this task is:

- Initial Study/Notice of Preparation: \$60,000 (400 hours at TDA's standard rate)

The end product of this effort will be a final decision on the scope of the focused EIR and a set of responses that will identify the concerns of the various stakeholders in the OBMP/Storage Management program.

Task 4: Prepare Draft Focused PEIR

During the 30-day period that the IS/NOP are out for public review, TDA will finalize a draft Focused PEIR. Because we know the following are substantive issues (biology and hydrology and water quality), I anticipate these two issues will be addressed in the PEIR. A draft of this document will be presented to the project team internal for review and comment. The input will be incorporated into the draft Focused PEIR and the document finalized and then published as soon after the NOP close of comment date as possible. The estimated fee for carrying out this task is:

- PEIR: \$45,000 (300 hours at TDA’s standard rate)

Task 5: Complete the CEQA Process with the PEIR

The following steps will be implemented to complete the CEQA review process:

- a. Distribute the proposed document for public review (45 days)
- b. Respond to comments on the EIR/EA
- c. Prepare a Mitigation Monitoring and Reporting Program
- d. Compile a final PEIR package for the IEUA Board’s consideration (CEQA certification)
- e. Prepare and file a Notice of Determination (NOD) with the County and State on behalf of the Watermaster.

TDA estimates that the above effort under Task 5 will require up to 200 hours plus the NOD filing fee with San Bernardino County (Note: this fee is based on 2019 F&W filing fee) for a total fee of \$33,000.

The end result of the Task 5 work efforts is a completed CEQA process for the Watermaster. This document will be prepared at a level of detail consistent with the OBMP Update and Storage Management program content, including those near-term capital improvements (if any) that the Watermaster seeks to have covered under the umbrella of this program environmental document.


Total fee, including the technical studies, is **\$225,500**. Based on our discussions, this proposal assumes no inordinate delays during review periods and no major issues, not identified above, arising during the review process.

Task	Fee
Task 1 – Attend Meetings and Assist in Defining the Project	\$37,500
Task 2 – Prepare Technical Studies	
Air Quality / GHG / Energy	\$20,000
Biology	\$10,000
Cultural	\$15,000
Noise	\$5,000
Hydrology / Water Quality	to be supplied by WEI
Task 3 – Prepare Initial Study and Notice of Preparation	\$60,000
Task 4 – Prepare Draft Focused PEIR	\$45,000
Task 5 – Complete the CEQA Process with PEIR	
Notice of Determination (2019 filing fee \$3,321)	\$33,000
TOTAL Estimated Fee	<u>\$225,500</u>

Conclusion

TDA appreciates the opportunity to submit this proposal to IEUA, as the representative of the project team. Tom Dodson will oversee preparation and carry out all final editing of the document(s) prepared to support the OBMP Update and Storage Management Program. The scope of work outlined above will lead to a fully substantiated CEQA environmental determination for the proposed project over a period beginning in December 2019 and ending in July 2020, under the assumptions outlined above. I believe the schedule above is reasonable to comply with CEQA requirements for this project and meet the project team's objectives for the proposed program. Should you have any questions regarding the above proposal, please feel free to give me a call.

Sincerely,



Tom Dodson

TD/cmc

cc: Sylvie Lee, IEUA
Joshua Aguilar, IEUA

Prop19/Watermaster-IEUA OBMP Update proposal

PROFESSIONAL SERVICES AGREEMENT

THIS AGREEMENT is entered into this ____ day of ____, by and between Chino Basin Watermaster ("Client") and TOM DODSON & ASSOCIATES ("Consultant").

WITNESSETH

WHEREAS, Consultant has submitted a proposal to the Client outlining the services to be rendered.

NOW THEREFORE, for and in consideration of the mutual promises, covenants and conditions herein contained, the parties hereto agree as follows:

1. AGREEMENT

The Client does hereby retain Consultant to provide professional services as hereinafter provided for a period commencing on the ____ day of ____, and terminating on completion of the tasks outlined in this Agreement. Consultant hereby agrees to perform all work and services in accordance with their cost estimate proposal (email) dated ____, attached hereto, and the terms and conditions of this Contract.

2. SERVICES TO BE PERFORMED

Consultant will provide services identified in the submitted amended proposal, which proposal is attached to this Agreement as Exhibit "A" and is incorporated herein as though set forth in full.

1 3. WORK TO BE PERFORMED BY THE CLIENT

2 The Client shall cooperate with Consultant by timely providing information
3 necessary for Consultant to complete their tasks.

4 4. CONSULTANT PAYMENT SCHEDULE

5 Compensation for Consultant's services and deliverables to the Client pursuant
6 to this Agreement are as set forth in the attached proposal. Consultant shall perform
7 the work outlined in the attached proposal for an estimated fee of two hundred fifty
8 five thousand five hundred Dollars (\$255,500). Invoices will be submitted to Client
9 on a monthly basis, net 30 days.

10 5. TERMINATION

11 Either party may terminate this Agreement with thirty (30) days written
12 notification. In the event that any task outlined in the proposal has not been
13 completed, Consultant shall cooperate with the Client in transferring all information
14 necessary to the completion of the task to the Client.

15 6. AMENDMENT

16 The terms of this Agreement can only be amended by written agreement
17 between the parties hereto.

18 7. ASSIGNMENT

19 Consultant shall not assign or transfer its interest in this Agreement without the
20 written consent of Client.

21 8. COMPLIANCE WITH LAWS

22 In the performance of this Agreement, Consultant shall abide by and conform
23 to any and all applicable laws of the United States, State of California and
24 ordinances, regulations, and policies of the County of San Bernardino.

1 9. LIABILITY INSURANCE

2 (a) Consultant shall provide either Comprehensive General Liability or
3 Commercial General Liability insurance with the following minimum limits:
4 Combined single limit of \$1.0 million per occurrence for bodily injury, including death,
5 personal injury and property damage, with a \$1.0 million aggregate; or \$1.0 million
6 aggregate, separate for this project as evidenced by endorsement.

7 (b) Automotive Insurance. A policy of comprehensive automobile liability
8 insurance written on a per occurrence basis in an amount not less than either (i)
9 bodily injury liability limits of \$250,000.00 per person and \$500,000.00 per
10 occurrence and property damage liability limits of \$100,000.00 per occurrence and
11 \$250,000.00 in the aggregate or (ii) combined single limit liability of \$500,000.00.
12 Said policy shall include coverage for owned, non-owned, leased and hired cars.

13 (c) Worker's Compensation Insurance. A policy of worker's compensation
14 insurance in such amount as will fully comply with the laws of the State of California
15 and which shall indemnify, insure and provide legal defense for both the Consultant
16 and the Client against any loss, claim or damage arising from any injuries or
17 occupational diseases occurring to any worker employed by or any persons retained
18 by the Contractor in the course of carrying out the work or services contemplated in
19 this Agreement.

20 (d) Professional Liability Insurance. Consultant shall provide Professional
21 Liability insurance at \$2,000,000 per claim and \$2,000,000 Aggregate.

22 10. HOLD HARMLESS

23 Consultant agrees to indemnify, defend and hold harmless the Client, their
24 directors, officers, agents, and employees from any and all demands, claims, or

1 liability, or any nature including death or injury to any person, property damage or
2 any other loss, cause by or arising out of Consultant's, its officers', agents',
3 subcontractors', or employees' negligent acts, errors, or omissions or willful
4 misconduct, or conduct for which the law imposes strict liability on Consultant in
5 performance or failure to perform this agreement.

6 IN WITNESS WHEREOF, the parties hereto have executed this Agreement as
7 of the date first herein above written.

8 _____
9

TOM DODSON & ASSOCIATES
Federal ID #33-0047287

10
11
12
13
14 By: _____

By: _____
Tom Dodson, President

15
16
17 Date: _____

Date: _____

18
19 Company info

Tom Dodson & Associates
P.O. Box 2307
San Bernardino, CA 92406-2307
Tel: (909) 882-3612
Fax: (909) 882-7015
Email: tda@tdaenv.com

CHINO BASIN WATERMASTER

IV. INFORMATION

1. Cash Disbursements for November 2019

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
November 2019

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
General Journal	11/02/2019	11/02/2019	Payroll and Taxes for 10/20/19-11/02/19	Payroll and Taxes for 10/20/19-11/02/19	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 10/20/19-11/02/19	1012 · Bank of America Gen'l Ckg	29,405.01
				Payroll Taxes for 10/20/19-11/02/19	1012 · Bank of America Gen'l Ckg	9,571.64
			ICMA-RC	457(f) EE Deductions for 10/20/19-11/02/19	1012 · Bank of America Gen'l Ckg	5,639.60
			ICMA-RC	401(a) EE Deductions for 10/20/19-11/02/19	1012 · Bank of America Gen'l Ckg	1,527.80
TOTAL						<u>46,144.05</u>
Bill Pmt -Check	11/02/2019	ACH 110819	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	11/02/2019	11/02/2019	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 10/20/19-11/02/19	2000 · Accounts Payable	8,024.39
TOTAL						<u>8,024.39</u>
Bill Pmt -Check	11/05/2019	ACH 110519	CALPERS	1394905143	1012 · Bank of America Gen'l Ckg	
Bill	10/14/2019	1394905143		Medical Insurance Premiums - Nov. 2019	60182.1 · Medical Insurance	8,291.02
TOTAL						<u>8,291.02</u>
Bill Pmt -Check	11/07/2019	21792	BOWCOCK, ROBERT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	10/24/2019	10/24 Board Mtg		10/24/19 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						<u>125.00</u>
Bill Pmt -Check	11/07/2019	21793	CHEF DAVE'S CATERING & EVENT SERVICES	10004	1012 · Bank of America Gen'l Ckg	
Bill	10/24/2019	10004		Lunch for 10/24/19 Watermaster Board meeting	6312 · Meeting Expenses	600.69
TOTAL						<u>600.69</u>
Bill Pmt -Check	11/07/2019	21794	CLEAN TECH SERVICES	8280	1012 · Bank of America Gen'l Ckg	
Bill	10/28/2019	8280		Window cleaning for office windows	6024 · Building Repair & Maintenance	327.00
TOTAL						<u>327.00</u>
Bill Pmt -Check	11/07/2019	21795	CUCAMONGA VALLEY WATER DISTRICT	Refund - Prior Assessment Packages	1012 · Bank of America Gen'l Ckg	
Bill	11/01/2019			Revised 2014-15 through 2018-19 Assessments	4117 · P/Y Revised Assessment Adj.	103,395.95
TOTAL						<u>103,395.95</u>
Bill Pmt -Check	11/07/2019	21796	EUROFINS EATON ANALYTICAL		1012 · Bank of America Gen'l Ckg	
Bill	10/07/2019	L0475452		L0475452	7103.5 · Grdwtr Qual-Lab Svcs	875.00
Bill	10/24/2019	L0478255		L0478255	7103.5 · Grdwtr Qual-Lab Svcs	628.00
Bill	10/14/2019	L0476325		L0476325	7103.5 · Grdwtr Qual-Lab Svcs	3,900.00
				L0476325	7108.4 · Hydraulic Control-Lab Svcs	3,140.00
Bill	10/17/2019	L0477158		L0477158	7108.41 · Hydraulic Control - PBHSP	912.00
				L0477158	7103.5 · Grdwtr Qual-Lab Svcs	2,950.00
Bill	10/18/2019	L0477303		L0477303	7108.41 · Hydraulic Control - PBHSP	350.00
				L0477303	7103.5 · Grdwtr Qual-Lab Svcs	1,200.00

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CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
November 2019

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	10/23/2019	L0477994		L0477994	7103.5 · Grdwtr Qual-Lab Svcs	3,200.00
				L0477994	7108.4 · Hydraulic Control-Lab Svcs	2,732.00
Bill	10/23/2019	L0477996		L0477996	7103.5 · Grdwtr Qual-Lab Svcs	3,200.00
				L0477996	7108.4 · Hydraulic Control-Lab Svcs	2,512.00
TOTAL						25,599.00
Bill Pmt -Check	11/07/2019	21797	FEDAK & BROWN LLP	Progress Billings	1012 · Bank of America Gen'l Ckg	
Bill	10/31/2019			October 2019	6062 · Audit Services	1,390.00
TOTAL						1,390.00
Bill Pmt -Check	11/07/2019	21798	FONTANA UNION WATER COMPANY'	Refund - Prior Assessment Packages	1012 · Bank of America Gen'l Ckg	
Bill	11/01/2019			Revised 2014-15 through 2018-19 Assessments	4117 · P/Y Revised Assessment Adj.	38,525.56
TOTAL						38,525.56
Bill Pmt -Check	11/07/2019	21799	GEYE, BRIAN	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	10/17/2019	10/17 OBMP LS7		10/17/19 OBMP Listening Session 7	6311 · Board Member Compensation	125.00
Bill	10/30/2019	10/30 Ass Pkg Wkshop		10/30/19 Assessment Package Workshop	6311 · Board Member Compensation	125.00
TOTAL						250.00
P132						
Bill Pmt -Check	11/07/2019	21800	MONTE VISTA IRRIGATION CO	Refund - Prior Assessment Packages	1012 · Bank of America Gen'l Ckg	
Bill	11/01/2019			Revised 2014-15 through 2018-19 Assessments	4117 · P/Y Revised Assessment Adj.	4,078.34
TOTAL						4,078.34
Bill Pmt -Check	11/07/2019	21801	MONTE VISTA WATER DIST	Refund - Prior Assessment Packages	1012 · Bank of America Gen'l Ckg	
Bill	11/01/2019			Revised 2014-15 through 2018-19 Assessments	4117 · P/Y Revised Assessment Adj.	18,436.62
TOTAL						18,436.62
Bill Pmt -Check	11/07/2019	21802	PREMIERE GLOBAL SERVICES	28580963	1012 · Bank of America Gen'l Ckg	
Bill	10/31/2019	28580963		Non-Ag Pool meeting call on 10/10	8512 · Meeting Expense	19.66
				Fee - General	6022 · Telephone	39.00
				Fee - Confidential	6022 · Telephone	39.00
				WM coordination call on 9/30	6909.1 · OBMP Meetings	11.27
				WM coordination call on 9/30	6909.1 · OBMP Meetings	6.56
				WM coordination call on 10/07	6909.1 · OBMP Meetings	48.25
				OBMP Listening Session 7 prep call onn 10/09	6909.1 · OBMP Meetings	10.55
				PK prep for UCR Water Series call on 10/14	6909.1 · OBMP Meetings	23.87
				WM coordination call on 10/21	6909.1 · OBMP Meetings	19.47
				Board agenda prep call on 10/22	6312 · Meeting Expenses	25.66
				Last minute check-Board meeting call on 10/23	6312 · Meeting Expenses	6.81
				Fee - Service	6022 · Telephone	78.00
				Service Fee	6022 · Telephone	25.56

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
November 2019

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
				Shortfalls	6020 · Office Building Expense	24.33
TOTAL						377.99
Bill Pmt -Check	11/07/2019	21803	RAUCH COMMUNICATION CONSULTANTS, LL	Oct-1908	1012 · Bank of America Gen'l Ckg	
Bill	10/28/2019	Oct-1908		AR42 - work completed August-October, 2019	6061.3 · Rauch	4,387.50
TOTAL						4,387.50
Bill Pmt -Check	11/07/2019	21804	READY REFRESH BY NESTLE	0023230253	1012 · Bank of America Gen'l Ckg	
Bill	10/31/2019	0023230253		Office Water Bottle - October 2019	6031.7 · Other Office Supplies	81.13
TOTAL						81.13
Bill Pmt -Check	11/07/2019	21805	RR FRANCHISING, INC.	78483	1012 · Bank of America Gen'l Ckg	
Bill	11/01/2019	78483		Monthly service November 2019	6024 · Building Repair & Maintenance	740.00
TOTAL						740.00
Bill Pmt -Check	11/07/2019	21806	SANTA ANA RIVER WATER COMPANY	Refund - Prior Assessment Packages	1012 · Bank of America Gen'l Ckg	
Bill	11/01/2019			Revised 2014-15 through 2018-19 Assessments	4117 · P/Y Revised Assessment Adj.	7,848.90
TOTAL						7,848.90
P133						
Bill Pmt -Check	11/07/2019	21807	SPECTRUM BUSINESS	2031978102319	1012 · Bank of America Gen'l Ckg	
Bill	10/29/2019	2031978102319		10/23/19-11/22/19	6053 · Internet Expense	798.61
TOTAL						798.61
Bill Pmt -Check	11/07/2019	21808	STAPLES BUSINESS ADVANTAGE	8056161443	1012 · Bank of America Gen'l Ckg	
Bill	10/19/2019	8056161443		Miscellaneous office supplies - toner cartridges	6031.7 · Other Office Supplies	680.58
TOTAL						680.58
Bill Pmt -Check	11/07/2019	21809	STATE COMPENSATION INSURANCE FUND	1970970-19	1012 · Bank of America Gen'l Ckg	
Bill	11/01/2019	1970970-19		Premium 10/26/19-11/26/19	60183 · Worker's Comp Insurance	532.75
TOTAL						532.75
Bill Pmt -Check	11/07/2019	21810	ULLOA, EUNICE	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	10/17/2019	10/17 Advisory Comm		10/17/19 Advisory Committee Meeting	6311 · Board Member Compensation	125.00
Bill	10/24/2019	10/24 Board Mtg		10/24/19 Board Meeting	6311 · Board Member Compensation	125.00
Bill	10/31/2019	9/12 Appro Pool Mtg		9/12/19 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00
Bill	10/31/2019	9/19 Advisory Comm		9/19/19 Advisory Committee Meeting	6311 · Board Member Compensation	125.00
Bill	10/31/2019	9/26 Board Mtg		9/26/19 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						625.00
Bill Pmt -Check	11/07/2019	21811	UPLAND, CITY OF	Refund - Prior Assessment Packages	1012 · Bank of America Gen'l Ckg	
Bill	11/01/2019			Revised 2014-15 through 2018-19 Assessments	4117 · P/Y Revised Assessment Adj.	14,012.95

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
November 2019

For Informational Purposes Only

	<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Paid Amount</u>
TOTAL							14,012.95
	Bill Pmt -Check	11/07/2019	21812	VISION SERVICE PLAN	00-101789-0001	1012 · Bank of America Gen'l Ckg	
	Bill	10/25/2019	807718201		Viusion Insurance Premium - November 2019	60182.2 · Dental & Vision Ins	88.20
TOTAL							88.20
	Bill Pmt -Check	11/07/2019	21813	WEST END CONSOLIDATED WATER COMPAN' Refund - Prior Assessment Packages		1012 · Bank of America Gen'l Ckg	
	Bill	11/01/2019			Revised 2014-15 through 2018-19 Assessments	4117 · P/Y Revised Assessment Adj.	5,711.00
TOTAL							5,711.00
	Bill Pmt -Check	11/07/2019	21814	WESTERN MUNICIPAL WATER DISTRICT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
	Bill	10/24/2019	10/24 Board Mtg		10/24/19 Board Meeting attendance - Galleano	6311 · Board Member Compensation	125.00
TOTAL							125.00
	Bill Pmt -Check	11/14/2019	21815	ACCENT COMPUTER SOLUTIONS, INC.	131605	1012 · Bank of America Gen'l Ckg	
	Bill	10/31/2019	131605		Move website hosting	6052.6 · IT Services/Projects	150.00
TOTAL							150.00
	Bill Pmt -Check	11/14/2019	21816	ACWA JOINT POWERS INSURANCE AUTHORITY	0636116	1012 · Bank of America Gen'l Ckg	
	Bill	11/07/2019	0636116		Prepayment - December 2019	1409 · Prepaid Life, BAD&D & LTD	229.47
					November 2019	60191 · Life & Disab.Ins Benefits	229.47
TOTAL							458.94
	Bill Pmt -Check	11/14/2019	21817	APPLIED COMPUTER TECHNOLOGIES	3129	1012 · Bank of America Gen'l Ckg	
	Bill	10/31/2019	3129		Database Consulting Services - October 2019	6052.2 · Applied Computer Technol	4,489.60
TOTAL							4,489.60
	Bill Pmt -Check	11/14/2019	21818	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
	Bill	10/31/2019	XXXX-XXXX-XXXX-9341		Miscellaneous office supplies	6031.7 · Other Office Supplies	14.52
					Lunch for ETF, AN, JJ for Dell Monitor Review	6141.3 · Admin Meetings	64.35
					Office chair	6036 · Minor Office Furniture	138.16
					Lunch-Ag Pool mtg - reimbursed by Egoscue	8411 · Ag Pool Member Compensation	17.52
					Lunch for staff/legal counsel between Pool mtgs	6141.3 · Admin Meetings	62.67
					Miscellaneous office supplies	6031.7 · Other Office Supplies	11.42
					Office chairs for meeting room	6036 · Minor Office Furniture	967.18
					Miscellaneous office supplies	6031.7 · Other Office Supplies	3.10
					Norton antivirus software subscription renewal	6054 · Computer Software	115.69
					Miscellaneous office supplies	6031.7 · Other Office Supplies	47.78
					Parking-JJ-2019 CalPERS Seminar	6192 · Seminars - General	47.73
					WM Staff photos	6031.7 · Other Office Supplies	318.18
					Donation-Montclair Community Foundation	1432 · Prepaid Expenses - Other	289.26

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<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Paid Amount</u>
				Transportation- JJ-2019 CalPERS Seminar	6192 · Seminars - General	234.78
				Miscellaneous office supplies	6031.7 · Other Office Supplies	408.03
				Hotel-JJ-2019 CalPERS Seminar	6192 · Seminars - General	864.55
				Overnight check to BHFS for year-end	6042 · Postage - General	39.37
				Quickbooks annual subscription	6054 · Computer Software	1,781.82
				Miscellaneous office supplies	6031.7 · Other Office Supplies	13.57
				Office supplies	6031.7 · Other Office Supplies	1.44
				PK meeting w/IEUA reps	8312 · Meeting Expenses	102.04
				Miscellaneous office supplies	6031.7 · Other Office Supplies	75.73
				PK meeting w/MVWD reps	8312 · Meeting Expenses	89.49
				PK meeting w/City of Chino reps	8312 · Meeting Expenses	71.53
				PK meeting w/Chino Hills reps	8312 · Meeting Expenses	60.96
				Reg.-Jurado-Attend 10/21/19 Excel training	6193.2 · Conference - Registration Fee	284.44
				Lunch for OBMP Update LS 7	6909.1 · OBMP Meetings	168.33
				Reg.-ETF-12/03/19 ACWA 2019 Fall Conf.	6193.2 · Conference - Registration Fee	380.85
				PK meeting w/S. Elie	6312 · Meeting Expenses	42.65
				PK meeting w/M. Litchfield	8312 · Meeting Expenses	43.99
				PK meeting w/B. Lewis	8312 · Meeting Expenses	24.32
				Reg.-Nakano-12/03/19 ACWA 2019 Fall Conf.	6193.2 · Conference - Registration Fee	332.64
				PK meeting w/R. Craig	8312 · Meeting Expenses	27.72
				Hotel-Nakano- ACWA 2019 Fall Conference	6191 · Conferences - General	257.88
						<u>7,403.69</u>
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TOTAL						
Bill Pmt -Check	11/14/2019	21819	CITY OF POMONA	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	10/03/2019	10/03 Board Officers		10/03/19 Board Officers/Pool Chairs Meeting	6311 · Board Member Compensation	125.00
Bill	10/10/2019	10/10 Appro Pool Mtg		10/10/19 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00
Bill	10/17/2019	10/17 Advisory Comm		10/17/19 Advisory Committee Meeting	6311 · Board Member Compensation	125.00
Bill	10/24/2019	10/24 Board Mtg		10/24/19 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						<u>500.00</u>
Bill Pmt -Check	11/14/2019	21820	CORELOGIC INFORMATION SOLUTIONS	81993075	1012 · Bank of America Gen'l Ckg	
Bill	10/31/2019	81993075		81993075	7103.7 · Grdwtr Qual-Computer Svc	62.50
				81993075	7101.4 · Prod Monitor-Computer	62.50
TOTAL						<u>125.00</u>
Bill Pmt -Check	11/14/2019	21821	DE BOOM, NATHAN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	10/10/2019	10/10 Ag Pool Mtg		10/10/19 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				10/10/19 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						<u>125.00</u>
Bill Pmt -Check	11/14/2019	21822	EGOSCUE LAW GROUP, INC.	12524	1012 · Bank of America Gen'l Ckg	

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	10/31/2019	12524		Ag Pool Legal Services - October 2019	8467 · Ag Legal & Technical Services	37,662.50
TOTAL						37,662.50
Bill Pmt -Check	11/14/2019	21823	ELIE, STEVEN	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	10/24/2019	10/24 Board Mtg		10/24/19 Board Meeting	6311 · Board Member Compensation	125.00
Bill	10/28/2019	10/28 Admin Mtg		10/28/19 Administrative Meeting w/PK	6311 · Board Member Compensation	125.00
TOTAL						250.00
Bill Pmt -Check	11/14/2019	21824	EUROFINS EATON ANALYTICAL		1012 · Bank of America Gen'l Ckg	
Bill	11/04/2019	L0480167		L0480167	7103.5 · Grdwtr Qual-Lab Svcs	3,316.00
Bill	11/11/2019	L0481214		L0481214	7103.5 · Grdwtr Qual-Lab Svcs	4,514.00
TOTAL						7,830.00
Bill Pmt -Check	11/14/2019	21825	FEENSTRA, BOB	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	10/03/2019	10/03 Bd Officers		10/03/19 Board Officers/Pool Chairs Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	10/10/2019	10/10 Appro Pool Mtg		10/10/19 Appropriative Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	10/10/2019	10/10 Non Ag Pool		10/10/19 Non Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	10/10/2019	10/10 Ag Pool Mtg		10/10/19 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	10/17/2019	10/17 Advisory Comm		10/17/19 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	10/17/2019	10/17 OBMPU LS7		10/17/19 OBMP Update Listening Session 7	8470 · Ag Meeting Attend -Special	125.00
Bill	10/24/2019	10/24 Board Mtg		10/24/19 Board Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	10/24/2019	10/24 Bd Officers		10/24/19 Board Officers/Pool Chairs Meeting	8470 · Ag Meeting Attend -Special	125.00
TOTAL						1,000.00
Bill Pmt -Check	11/14/2019	21826	FILIPPI, GINO	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	10/01/2019	10/01 Admin Mtg		10/01/19 Administrative meeting w/PK	6311 · Board Member Compensation	125.00
Bill	10/10/2019	10/10 Ag Pool Mtg		10/10/19 Ag Pool Meeting	6311 · Board Member Compensation	125.00
Bill	10/22/2019	10/22 Admin Mtg		10/22/19 Administrative Meeting w/PK	6311 · Board Member Compensation	125.00
Bill	10/24/2019	10/24 Board Mtg		10/24/19 Board Meeting	6311 · Board Member Compensation	125.00
Bill	10/29/2019	10/29 SAWCO Mtg		10/29/19 Meeting w/PK at SAWCO	6311 · Board Member Compensation	125.00
TOTAL						625.00
Bill Pmt -Check	11/14/2019	21827	FIRST LEGAL NETWORK LLC	40033999	1012 · Bank of America Gen'l Ckg	
Bill	10/31/2019	40033999		Court filings on 10/02/19 and 10/31/19	6061.5 · Court Filing Services	301.48
TOTAL						301.48
Bill Pmt -Check	11/14/2019	21828	HUITSING, JOHN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	10/10/2019	10/10 Ag Pool Mtg		10/10/19 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				10/10/19 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	11/14/2019	21829	IAAP	93902097	1012 · Bank of America Gen'l Ckg	
Bill	11/04/2019	93902097		Membership renewal for J. Wilson	6111 · Membership Dues	150.00
TOTAL						150.00
Bill Pmt -Check	11/14/2019	21830	JOSEPH S. JOSWIAK	Travel Reimbursement - Training	1012 · Bank of America Gen'l Ckg	
Bill	11/07/2019			Travel reimbursement-CalPERS Educ. Forum	6192 · Seminars - General	118.75
TOTAL						118.75
Bill Pmt -Check	11/14/2019	21831	KUHN, BOB	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	10/03/2019	10/03 Board Officers		10/03/19 Board Officers/Pool Chairs Meeting	6311 · Board Member Compensation	125.00
Bill	10/10/2019	10/10 Appro Pool Mtg		10/10/19 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00
Bill	10/22/2019	10/22 Board Agenda		10/22/19 Board Agenda Preview Call	6311 · Board Member Compensation	125.00
TOTAL						375.00
Bill Pmt -Check	11/14/2019	21832	LOEB & LOEB LLP	1856424	1012 · Bank of America Gen'l Ckg	
Bill	10/31/2019	1856424		Non-Ag Pool Legal Services - October 2019	8567 · Non-Ag Legal Service	11,090.25
TOTAL						11,090.25
P137 Bill Pmt -Check	11/14/2019	21833	NAKANO, JUSTIN	Employee Reimbursement - Training	1012 · Bank of America Gen'l Ckg	
Bill	11/07/2019			Parking-Seminar "7 Habits" in Anaheim	6192 · Seminars - General	16.00
				Mileage-Seminar "7 Habits" in Anaheim	6173 · Airfare/Mileage	69.95
TOTAL						85.95
Bill Pmt -Check	11/14/2019	21834	PIERSON, JEFFREY	Ag Pool and Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	10/03/2019	10/03 Board Officers		10/03/19 Board Officers/Pool Chairs Meeting	6311 · Board Member Compensation	125.00
Bill	10/10/2019	10/10 Ag Pool Mtg		10/10/19 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	10/17/2019	10/17 Advisory Comm		10/17/19 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	10/17/2019	10/17 OBMPU LS 7		10/17/19 OBMP Update Listening Session 7	8470 · Ag Meeting Attend -Special	125.00
Bill	10/22/2019	10/22 Board Agenda		10/22/19 Board Agenda Preview Call	6311 · Board Member Compensation	125.00
Bill	10/23/2019	10/23 Board Mtg Chk		10/23/19 Last Minute Check for Board Meeting Cal	6311 · Board Member Compensation	125.00
Bill	10/24/2019	10/24 Board Mtg		10/24/19 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						875.00
Bill Pmt -Check	11/14/2019	21835	R&D PEST SERVICES	0250227	1012 · Bank of America Gen'l Ckg	
Bill	11/12/2019	0250227		Treat office and annex for pest control	6024 · Building Repair & Maintenance	100.00
TOTAL						100.00
Bill Pmt -Check	11/14/2019	21836	STATE WATER RESOURCES CONTROL BOARD DIV		1012 · Bank of America Gen'l Ckg	
Bill	11/07/2019	WR STF 094-014458		Water Rights Fee A031369-Acct. 094-014458	7205 · Comp Recharge-Other Expense	6,121.65
Bill	11/07/2019	WR STF 094-014940		Water Rights Fee A028473-Acct. 094-014940	7205 · Comp Recharge-Other Expense	1,574.15
Bill	11/07/2019	WR STF 094-014939		Water Rights Fee A028996-Acct. 094-014939	7205 · Comp Recharge-Other Expense	2,594.15

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	<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Paid Amount</u>
TOTAL							10,289.95
	Bill Pmt -Check	11/14/2019	21837	THREE VALLEYS MUNICIPAL WATER DIST	LB590	1012 · Bank of America Gen'l Ckg	
	Bill	10/31/2019	LB590		Reg.-ETF/AN/JJ-TVMWD Leadership Breakfast	6193.2 · Conference - Registration Fee	60.00
TOTAL							60.00
	Bill Pmt -Check	11/14/2019	21838	UNION 76	7076-2245-3035-5049	1012 · Bank of America Gen'l Ckg	
	Bill	10/31/2019	7076224530355049		Vehicle Fuel - October 2019	6175 · Vehicle Fuel	344.40
TOTAL							344.40
	Bill Pmt -Check	11/14/2019	21839	YUKON DISPOSAL SERVICE	21136525395	1012 · Bank of America Gen'l Ckg	
	Bill	11/01/2019	21136525395		November 2019	6024 · Building Repair & Maintenance	117.14
TOTAL							117.14
	Bill Pmt -Check	11/14/2019	21840	BROWNSTEIN HYATT FARBER SCHRECK		1012 · Bank of America Gen'l Ckg	
	Bill	10/31/2019	780475		780475	6078 · BHFS Legal - Miscellaneous	30,213.90
					Angelica BK	6078 · BHFS Legal - Miscellaneous	53.10
					Mileage/Parking Expense	6078 · BHFS Legal - Miscellaneous	66.21
					Mileage/Parking Expense	6078 · BHFS Legal - Miscellaneous	66.21
					Mileage/Parking Expense	8375 · BHFS Legal - Appropriative Pool	24.04
					Mileage/Parking Expense	8475 · BHFS Legal - Agricultural Pool	24.04
					Mileage/Parking Expense	8575 · BHFS Legal - Non-Ag Pool	24.04
					Mileage/Parking Expense	6275 · BHFS Legal - Advisory Committee	67.08
	Bill	10/31/2019	780476		780476	6073 · BHFS Legal - Personnel Matters	372.60
	Bill	10/31/2019	780477		780477	6907.36 · Santa Ana River Habitat	2,489.40
	Bill	10/31/2019	780478		780478	6275 · BHFS Legal - Advisory Committee	1,381.05
	Bill	10/31/2019	780479		780479	6375 · BHFS Legal - Board Meeting	5,617.35
					09/26/19 Delivery/Ground Transportation	6375 · BHFS Legal - Board Meeting	150.00
					10/24/19 Delivery/Ground Transportation	6375 · BHFS Legal - Board Meeting	150.00
	Bill	10/31/2019	780480		780480	8375 · BHFS Legal - Appropriative Pool	1,381.05
	Bill	10/31/2019	780481		780481	8475 · BHFS Legal - Agricultural Pool	1,381.05
	Bill	10/31/2019	780482		780482	8575 · BHFS Legal - Non-Ag Pool	1,381.05
	Bill	10/31/2019	780483		780483	6071 · BHFS Legal - Court Coordination	222.75
	Bill	10/31/2019	780484		780484	6072 · BHFS Legal - Rules & Regs	3,908.25
	Bill	10/31/2019	780485		780485	6907.39 · Recharge Master Plan	2,563.20
					Mileage/Parking Expense	6907.39 · Recharge Master Plan	67.08
	Bill	10/31/2019	780486		780486	6907.44 · SGMA Compliance	44.55
	Bill	10/31/2019	780487		780487	6907.45 · OBMP Update	18,087.30
					09/24/19 Delivery/Ground Transportation	6907.45 · OBMP Update	150.00
					10/17/19 Delivery/Ground Transportation	6907.45 · OBMP Update	150.00
TOTAL							70,035.30

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Type	Date	Num	Name	Memo	Account	Paid Amount
General Journal	11/15/2019	19/11/04	ADP, LLC	ADP Tax Service for 10/19/19-545698977	1012 · Bank of America Gen'l Ckg	
				ADP Tax Service for 11/02/19-545698977	1012 · Bank of America Gen'l Ckg	155.50
TOTAL						<u>155.50</u>
General Journal	11/15/2019	19/11/04	ADP, LLC	ADP Tax Service for 11/02/19-545698977	1012 · Bank of America Gen'l Ckg	
				ADP Tax Service for 11/02/19-545698977	1012 · Bank of America Gen'l Ckg	155.50
TOTAL						<u>155.50</u>
General Journal	11/16/2019	11/16/2019	Payroll and Taxes for 11/03/19-11/16/19	Payroll and Taxes for 11/03/19-11/16/19	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 11/03/19-11/16/19	1012 · Bank of America Gen'l Ckg	29,773.25
				Payroll Taxes for 11/03/19-11/16/19	1012 · Bank of America Gen'l Ckg	9,708.47
			ICMA-RC	457(f) EE Deductions for 11/03/19-11/16/19	1012 · Bank of America Gen'l Ckg	5,639.60
			ICMA-RC	401(a) EE Deductions for 11/03/19-11/16/19	1012 · Bank of America Gen'l Ckg	1,527.80
TOTAL						<u>46,649.12</u>
Bill Pmt -Check	11/16/2019	ACH 112119	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	11/16/2019	11/16/2019	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 11/03/19-11/16/19	2000 · Accounts Payable	8,024.39
TOTAL						<u>8,024.39</u>
Bill Pmt -Check	11/22/2019	21841	CUCAMONGA VALLEY WATER DISTRICT	Rent For December 2019	1012 · Bank of America Gen'l Ckg	
Bill	11/19/2019			Lease due on December 1, 2019	1422 · Prepaid Rent	7,093.14
TOTAL						<u>7,093.14</u>
Bill Pmt -Check	11/22/2019	21842	EMPOWER LAB	1255	1012 · Bank of America Gen'l Ckg	
Bill	11/13/2019	1255		9/20/19 mtg w/PK	6193 · Employee Training	500.00
TOTAL						<u>500.00</u>
Bill Pmt -Check	11/22/2019	21843	FRONTIER COMMUNICATIONS	909-484-3890-050914-5	1012 · Bank of America Gen'l Ckg	
Bill	11/19/2019	90948438900509145		Office fax	6022 · Telephone	157.02
TOTAL						<u>157.02</u>
Bill Pmt -Check	11/22/2019	21844	PETTY CASH	2814-2837	1012 · Bank of America Gen'l Ckg	
Bill	11/20/2019	2814-2837		Supplies for admin meetings	6141.3 · Admin Meetings	96.31
				Miscellaneous office supplies	6031.7 · Other Office Supplies	122.61
				Supplies for Board officers mtg./Board mtg.	6312 · Meeting Expenses	39.26
				Water quality supplies	7103.6 · Grdwtr Qual-Supplies	29.06
				Parking for RWQCB meeting	6909.1 · OBMP Meetings	4.68
				Keyboard mouse for ETF	6055 · Computer Hardware	35.59
				Mileage to SAWPA for meeting-DH	6173 · Airfare/Mileage	24.96
TOTAL						<u>352.47</u>

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	11/22/2019	21845	PIETERSMA, RONALD	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	11/14/2019	11/14 Ag Pool Mtg		11/14/19 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				11/14/19 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						<u>125.00</u>
Bill Pmt -Check	11/22/2019	21846	RAUCH COMMUNICATION CONSULTANTS, LL	Nov-2013	1012 · Bank of America Gen'l Ckg	
Bill	11/19/2019	Nov-1913		AR42 - work completed through October 31, 2019	6061.3 · Rauch	3,233.75
TOTAL						<u>3,233.75</u>
Bill Pmt -Check	11/22/2019	21847	STANDARD INSURANCE CO.	Policy # 00-649299-0009	1012 · Bank of America Gen'l Ckg	
Bill	11/19/2019	006492990009		Policy # 00-649299-0009	60191 · Life & Disab.Ins Benefits	883.93
TOTAL						<u>883.93</u>
Bill Pmt -Check	11/22/2019	21848	STAULA, MARY L	Retiree Medical	1012 · Bank of America Gen'l Ckg	
Bill	12/01/2019			Retiree Medical	60182.4 · Retiree Medical	25.87
TOTAL						<u>25.87</u>
Bill Pmt -Check	11/22/2019	21849	UNITED HEALTHCARE	052570523607	1012 · Bank of America Gen'l Ckg	
Bill	11/15/2019	.5270523607		Dental Insurance Premium - December 2019	60182.2 · Dental & Vision Ins	744.12
TOTAL						<u>744.12</u>
Bill Pmt -Check	11/22/2019	21850	VERIZON WIRELESS	9841471603	1012 · Bank of America Gen'l Ckg	
Bill	10/31/2019	9841471603		Acct #470810953-00001	6022 · Telephone	614.29
TOTAL						<u>614.29</u>
Bill Pmt -Check	11/22/2019	21851	LEGAL SHIELD	111802	1012 · Bank of America Gen'l Ckg	
Bill	11/15/2019	111802		Employee deductions - November 2019	60194 · Other Employee Insurance	51.80
TOTAL						<u>51.80</u>
Bill Pmt -Check	11/26/2019	ACH 112619	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
Bill	11/01/2019	15817842		Annual Unfunded Accrued Liability-Plan 3299	60180 · Employers PERS Expense	6,655.12
TOTAL						<u>6,655.12</u>
					Total Disbursements:	<u><u>521,306.20</u></u>

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