

# CHINO BASIN WATERMASTER



## NOTICE OF MEETING

**Thursday, August 20, 2020**

9:00 a.m. – Advisory Committee Meeting

***MEETING AVAILABLE BY REMOTE ACCESS ONLY  
(SEE AGENDA FOR DETAILS)***

*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, August 20, 2020**

9:00 a.m. – Advisory Committee Meeting

***AGENDA***

**CHINO BASIN WATERMASTER  
ADVISORY COMMITTEE MEETING**

9:00 a.m. – August 20, 2020

*Mr. Brian Geye, Chair*

*Mr. Jeff Pierson, Vice-Chair*

**Meeting Available by Remote Access Only\***

Click on this [link](#) to access by PC/Smart Device

OR

Conference Call: (872) 240-3311

Code: 341-649-333

**AGENDA**

**CALL TO ORDER**

**ROLL CALL**

**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 Advisory Committee Meeting held on July 16, 2020 (*Page 1*)

**B. FINANCIAL REPORTS**

Receive and file as presented:

1. Cash Disbursements for the month of June 2020 (*Page 7*)
2. Watermaster VISA Check Detail for the month of June 2020 (*Page 20*)
3. Combining Schedule for the Period July 1, 2019 through June 30, 2020 (*Page 23*)
4. Treasurer's Report of Financial Affairs for the Period June 1, 2020 through June 30, 2020 (*Page 26*)
5. Budget vs. Actual Report for the Period July 1, 2019 through June 30, 2020 (*Page 30*)
6. Cash Disbursements for July 2020 (Information Only) (*Page 60*)

**C. APPLICATION: WATER TRANSACTION (*Page 73*)**

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

The permanent transfer of 464.240 acre-feet of Safe Yield rights from Carlsberg Mobile Home Properties, LTD '73 to Hamner Park Associates, LP based on transfer of land ownership by Grant Deed dated September 30, 1987. This transfer is contingent on Hamner Park Associates, LP's successful intervention into the Overlying (Non-Agricultural) Pool.

**D. APPLICATION: WATER TRANSACTION (*Page 82*)**

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

The purchase of 708.3 acre-feet of water from West End Consolidated Water Company by the City of Upland. This purchase is made from West End Consolidated Water Company's Annual Production Right. The City of Upland is utilizing this transaction to produce its West End Consolidated Water Company shares. Date of application: June 18, 2020.

**E. APPLICATION: WATER TRANSACTION (Page 90)**

Provide advice and assistance to the Watermaster Board on the proposed transaction:  
The permanent transfer of Safe Yield Rights from Nicholson Trust to Nicholson Family Trust – Exempt Marital Trust. Date of application: June 8, 2020.

**F. APPLICATION: RECHARGE (Page 98)**

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.

**G. APPLICATION: RECHARGE (Page 122)**

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

**H. APPLICATION: RECHARGE (Page 140)**

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

**I. APPLICATION: RECHARGE (Page 159)**

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

**II. BUSINESS ITEMS**

**A. OAP LEGAL EXPENSE INCREASE (Page 172)**

Offer advice and assistance to Watermaster on issuing invoices to the Appropriative Pool Parties for the \$167,000 unreimbursed increase, allocated on the basis of the "Ag Pool Reallocation".

**B. FISCAL YEAR 2019/20 BUDGET TRANSFER FORM (T-20-06-01) (Page 178)**

Approve Fiscal Year 2019/20 Budget Transfer Form (T-20-06-01) as presented.

**C. 2020 OBMP CEQA – INCREASED SCOPE OF WORK (DISCUSSION ONLY) (Page 185)**

No recommendation at this time.

**D. DATA AND MODELING REVIEW OF THE CHINO VALLEY MODEL (Page 192)**

Offer advice and assistance toward the proposed process.

**E. CONSIDERATION OF THE 2020 OPTIMUM BASIN MANAGEMENT PROGRAM UPDATE (Page 199)**

Offer advice and assistance to the Watermaster Board.

**F. THIRD SUPPLEMENT TO THE OBMPU STATUS REPORT (Page 208)**

Offer advice and assistance to the Watermaster Board.

**III. REPORTS/UPDATES**

**A. LEGAL COUNSEL REPORT**

1. San Bernardino County Superior Court Emergency Order
2. July 10, 2020 Hearing
3. September 25, 2020 Hearing
4. Ely 3 Basin Update

**B. ENGINEER REPORT**

1. Ground-Level Monitoring Committee – Meeting Summary
2. OCWD Monitoring Wells in Prado Basin
3. 97-005 Study Results

**C. CFO REPORT**

None

**D. GM REPORT**

1. Status report: OAP Contest
2. Watermaster Business Plan
3. Other

**E. INLAND EMPIRE UTILITIES AGENCY (Page 216)**

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

**F. METROPOLITAN MEMBER AGENCY REPORTS**

**IV. COMMITTEE MEMBER COMMENTS**

**V. OTHER BUSINESS**

**VI. CONFIDENTIAL SESSION - POSSIBLE ACTION**

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

**VII. FUTURE MEETINGS AT WATERMASTER\***

8/20/20	Thu	9:00 a.m.	Advisory Committee
8/25/20	Tue	11:00 a.m.	Watermaster Board**
8/25/20	Tue	1:00 p.m.	Groundwater Recharge Coordinating Committee (GRCC)

\* Due to the uncertainty related to COVID-19, and for the safeguarding of all, Watermaster meetings will continue to be held remotely until further notice. Remote access to the open portions of the meetings will be provided with each meeting notice.

\*\* The August 2020 Watermaster Board meeting will be held on 8/25/20.

**ADJOURNMENT**

# CHINO BASIN WATERMASTER

## I. CONSENT CALENDAR

### A. MINUTES

1. Advisory Committee Meeting held on July 16, 2020

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

July 16, 2020

The Advisory Committee meeting was held by GoToMeeting (conference call and web meeting) on July 16, 2020.

**ADVISORY COMMITTEE MEMBERS PRESENT ON CALL**

**NON-AGRICULTURAL POOL**

Brian Geye, Chair	California Speedway Corporation
Bob Bowcock	CalMat Co.

**AGRICULTURAL POOL**

Jeff Pierson, Vice-Chair	Crops
Bob Feenstra	Dairy
Pete Hall	State of California – CIM/CDCR
Marilyn Levin for Carol Boyd	State of California – DOJ

**APPROPRIATIVE POOL**

Ron Craig	City of Chino Hills
Cris Fealy	Fontana Water Company
Josh Swift	Fontana Union Water Company
John Bosler	Cucamonga Valley Water District
Chris Diggs	City of Pomona
Scott Burton	City of Ontario
Steve Ledbetter for Rosemary Hoerning	West End Consolidated Water Company
Steve Ledbetter for Rosemary Hoerning	City of Upland
Van Jew	Monte Vista Irrigation Company
Justin Scott-Coe for Van Jew	Monte Vista Water District
Chris Berch	Jurupa Community Services District
Dave Crosley	City of Chino

**WATERMASTER STAFF PRESENT AT WATERMASTER**

Peter Kavounas	General Manager
Janine Wilson	Senior Accountant
Vanessa Aldaz	Administrative Assistant

**WATERMASTER STAFF PRESENT ON CALL**

Joseph Joswiak	Chief Financial Officer
Edgar Tellez Foster	Water Resources Mgmt. and Planning Dir.
Anna Nelson	Executive Services Director
Justin Nakano	Water Resources Technical Manager

**WATERMASTER CONSULTANTS PRESENT ON CALL**

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

**OTHERS PRESENT ON CALL**

David De Jesus	Three Valleys Municipal Water District
Praseetha Krishnan	Cucamonga Valley Water District
Gino Filippi	Agricultural Pool – Crops
Eunice Ulloa	City of Chino

Matt Litchfield  
 Brian Lee  
 Karen Johnson  
 John Schatz  
 Sylvie Lee  
 Shivaji Deshmukh  
 Amanda Coker  
 Courtney Jones

Three Valleys Municipal Water District  
 San Antonio Water Company  
 Inland Empire Utilities Agency  
 John J. Schatz, Attorney at Law  
 Inland Empire Utilities Agency  
 Inland Empire Utilities Agency  
 City of Chino  
 City of Ontario

**CALL TO ORDER**

Chair Geye called the Advisory Committee meeting to order at 9:01 a.m.

**ROLL CALL**

(0:01:14) Ms. Nelson conducted the roll call.

**AGENDA – ADDITIONS/REORDER**

None

**I. CONSENT CALENDAR**

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**A. MINUTES**

Approve as presented:

1. Minutes of the Advisory Committee Meeting held on June 18, 2020

**B. FINANCIAL REPORTS**

Receive and file as presented:

1. Cash Disbursements for the month of May 2020
2. Watermaster VISA Check Detail for the month of May 2020
3. Combining Schedule for the Period July 1, 2019 through May 31, 2020
4. Treasurer’s Report of Financial Affairs for the Period May 1, 2020 through May 31, 2020
5. Budget vs. Actual Report for the Period July 1, 2019 through May 31, 2020
6. Cash Disbursements for June 2020 (Information Only)

**C. APPLICATION: CONSIDERATION OF LOCAL STORAGE AGREEMENT**

Recommend to the Watermaster Board to approve the Overlying (Non-Agricultural) Pool storage agreements.

**D. APPLICATION: WATER TRANSACTION**

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

The transfer of 4.0 acre-feet of water from Nicholson Trust to Fontana Water Company. This transfer is made from Nicholson Trust’s Annual Production Right. Date of application: May 4, 2020. Provide advice and assistance to the Watermaster Board on the proposed transaction.

**E. HAMNER PARK ASSOCIATES, LP OVERLYING (NON-AGRICULTURAL) POOL INTERVENTION REQUEST**

Recommend Watermaster filing request for intervention with the Court.

(0:04:31)

*Motion by Mr. Ron Craig, seconded by Vice-Chair Pierson, and by unanimous vote  
**Moved to approve the Consent Calendar as presented.***



**II. BUSINESS ITEMS**

**A. TASK ORDER NO. 6 UNDER MASTER AGREEMENT FOR COLLABORATIVE PROJECTS: WATER DEMAND PROJECTIONS BASED ON LAND USE**

Approve the Task Order No. 6 as presented.

(0:05:10) Mr. Kavounas introduced the item and invited Mr. Tellez Foster, who gave the presentation. Ms. Johnson from IEUA and Ms. Sanchez from Wildermuth Environmental, Inc. provided supplemental information. A discussion ensued.

(0:53:41) Motion introduced by Mr. Dave Crosley, seconded by Vice-Chair Pierson

(0:55:46) A volume vote was taken, and the results are attached to these minutes.  
*Motion by Mr. Dave Crosley, seconded by Vice-Chair Pierson, and failed with 13.817 votes in favor and 86.183 votes against.*

***Moved to approve Business Items II.A. and II.B. as presented***

**B. BUDGET AMENDMENT FORM A-20-07-01**

Approve Budget Amendment Form A-20-07-01 as presented.

This item was not approved (see above under II.A.).

**III. REPORTS/UPDATES**

**A. LEGAL COUNSEL REPORT**

1. San Bernardino County Superior Court Emergency Order
2. June 26, 2020 Hearing
3. July 10, 2020 Hearing

(1:00:14) Mr. Herrema gave a report. A discussion ensued.

**B. ENGINEER REPORT**

1. MPI Analyses
  - CVWD Recharge at Turner
  - SAWCo recharge at Upland and Montclair
  - FWC Recharge at Vineyard near San Sevaine and Vulcan
2. Safe Yield Reset Support

(1:03:47) Mr. Malone gave a report and stated that report items remained unchanged from Pools.

**C. CFO REPORT**

None

**D. GM REPORT**

1. Status Report: OBMP Update
2. Potential Options to Address Limitation on Storage
3. Status Report: OAP Contest
4. COVID-19 Business Operation Plan
5. August Meeting Schedule
6. Other

(1:04:30) Mr. Kavounas gave a report. A discussion ensued.

**E. INLAND EMPIRE UTILITIES AGENCY**

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

There were no additional comments from IEUA.

**F. METROPOLITAN MEMBER AGENCY REPORTS**

None

**IV. COMMITTEE MEMBER COMMENTS**

None

**V. OTHER BUSINESS**

None

**VI. CONFIDENTIAL SESSION - POSSIBLE ACTION**

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

None

**ADJOURNMENT**

Chair Geye adjourned the Advisory Committee meeting at 10:15 a.m.

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

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

Attachment:

- 1. 20200716 Volume Vote Outcome for Business Items II.A. and II.B.



2020 ADVISORY COMMITTEE VOLUME VOTE  
 Assessment Year 2019-2020 (Production Year 2018-2019)

QUORUM  
 MET?  
**YES**

Enter Y or N in Each Cell

Party	Present (Y/N)	Vote (Y/N)	Assigned	Reallocated	Available	Quorum	Total Yes
Minor 1	Y	N	2.996	0.000	2.996	2.996	0.000
Minor 2	Y	N	2.996	0.000	2.996	2.996	0.000
Chino Hills, City Of	Y	Y	2.213	0.000	2.213	2.213	2.213
Chino, City Of	Y	Y	3.440	0.000	3.440	3.440	3.440
Cucamonga Valley Water District	Y	N	7.280	0.000	7.280	7.280	0.000
Fontana Union Water Company	Y	N	4.371	0.000	4.371	4.371	0.000
Fontana Water Company	Y	N	4.973	0.000	4.973	4.973	0.000
Jurupa Community Services District	Y	Y	8.164	0.000	8.164	8.164	8.164
Monte Vista Water District	Y	N	6.536	0.000	6.536	6.536	0.000
Ontario, City Of	Y	N	15.851	0.000	15.851	15.851	0.000
Pomona, City Of	Y	N	13.082	0.000	13.082	13.082	0.000
Upland, City Of	Y	N	3.098	0.000	3.098	3.098	0.000
AGRICULTURAL POOL	Y	N	20.000	0.000	20.000	20.000	0.000
NON-AGRICULTURAL POOL	Y	N	5.000	0.000	5.000	5.000	0.000
			<b>100.000</b>	<b>0.000</b>	<b>100.000</b>	<b>100.000</b>	<b>13.817</b>

CALCULATE  
 QUORUM

CALCULATE  
 VOTES

RESET ALL

RESET VOTES

"YES" VOTES  
 13.817%

"NO" VOTES  
 86.183%

**NOT PASSED**

LESS THAN 50 YES VOTES

# CHINO BASIN WATERMASTER

## I. CONSENT CALENDAR

### B. FINANCIAL REPORTS

1. Cash Disbursements for the month of June 2020
2. Watermaster VISA Check Detail for the month of June 2020
3. Combining Schedule for the Period July 1, 2019 through June 30, 2020
4. Treasurer's Report of Financial Affairs for the Period June 1, 2020 through June 30, 2020
5. Budget vs. Actual Report for the Period July 1, 2019 through June 30, 2020
6. Cash Disbursements for July 2020 (Information Only)



# CHINO BASIN WATERMASTER

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

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: August 20, 2020  
TO: Advisory Committee  
SUBJECT: Cash Disbursement Report - Financial Report B1 (June 30, 2020)  
(Consent Calendar Item I.B.1.)

### SUMMARY

Issue: Record of Cash Disbursements for the month of June 2020.

Recommendation: Receive and file Cash Disbursements for June 2020 as presented.

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

### Future Consideration

**Advisory Committee – August 20, 2020:** Receive and File

**Watermaster Board – August 25, 2020:** Receive and File (Normal Course of Business)

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### ACTIONS:

**Appropriative Pool – August 13, 2020:** Received and filed

**Agricultural Pool – August 13, 2020:** Moved unanimously to receive and file, without approval

**Non-Agricultural Pool – August 14, 2020:** Received and filed

**Advisory Committee – August 20, 2020:**

**Watermaster Board – August 25, 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

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

## DISCUSSION

Total cash disbursements during the month of June 2020 were \$1,701,845.61.

The most significant expenditures during the month were to Auto Club Speedway in the amount of \$675,000.00 (check number 22207 dated June 12, 2020); Inland Empire Utilities Agency in the amount of \$362,142.76 (check number 22211 dated June 12, 2020); Wildermuth Environmental, Inc. in the amount of \$194,113.66 (check number 22233 dated June 24, 2020); and Brownstein Hyatt Farber Schreck in the amount of \$154,306.80 (check number 22214 dated June 16, 2020).

## ATTACHMENTS

1. Financial Report - B1

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**June 2020**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	06/04/2020	22188	ACWA JOINT POWERS INSURANCE AUTHORITY	0648207	1012 · Bank of America Gen'l Ckg	
Bill	06/03/2020	0648207		Prepayment - July 2020	1409 · Prepaid Life, BAD&D & LTD	249.27
				June 2020	60191 · Life & Disab.Ins Benefits	249.26
TOTAL						498.53
Bill Pmt -Check	06/04/2020	22189	APPLIED COMPUTER TECHNOLOGIES	3143	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2020	3143		Database Consulting Services - May 2020	6052.2 · Applied Computer Technol	3,120.00
TOTAL						3,120.00
Bill Pmt -Check	06/04/2020	22190	BOWCOCK, ROBERT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	05/21/2020	5/21 Board Officers		5/21/20 Board Officers/Pool Chairs meeting	6311 · Board Member Compensation	125.00
Bill	05/22/2020	5/22 Special Board		5/22/20 Special Board meeting	6311 · Board Member Compensation	125.00
Bill	05/28/2020	5/28 Board Mtg		5/28/20 Board meeting	6311 · Board Member Compensation	125.00
TOTAL						375.00
Bill Pmt -Check	06/04/2020	22191	DE BOOM, NATHAN	Ag Pool member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	05/08/2020	5/08 Special Ag Mtg		5/08/20 Special Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				5/08/20 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	05/14/2020	5/14 Ag Pool Mtg		5/14/20 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				5/14/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	05/22/2020	5/22 Special Ag Mtg		5/22/20 Special Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				5/22/20 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						375.00
Bill Pmt -Check	06/04/2020	22192	EGOSCUE LAW GROUP, INC.	12715	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2020	12715		Ag Pool Legal Services - April 2020	8467 · Ag Legal & Technical Services	59,981.25
TOTAL						59,981.25
Bill Pmt -Check	06/04/2020	22193	ELIE, STEVEN	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	05/18/2020	5/18 Admin Mtg		5/18/20 Administrative meeting w/GM	6311 · Board Member Compensation	125.00
Bill	05/22/2020	5/22 Special Board		5/22/20 Special Board meeting	6311 · Board Member Compensation	125.00
Bill	05/28/2020	5/28 Board Mtg		5/28/20 Board meeting	6311 · Board Member Compensation	125.00
TOTAL						375.00
Bill Pmt -Check	06/04/2020	22194	FEDAK & BROWN LLP	Audit Progress Billing	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2020			May 2020	6062 · Audit Services	2,500.00
TOTAL						2,500.00
Bill Pmt -Check	06/04/2020	22195	FILIPPI, GINO	Board Member Compensation	1012 · Bank of America Gen'l Ckg	

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**June 2020**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	05/14/2020	5/14 Ag Pool Mtg		5/14/20 Ag Pool Meeting	6311 · Board Member Compensation	125.00
Bill	05/21/2020	5/21 Advisory Comm		5/21/20 Advisory Committee Meeting	6311 · Board Member Compensation	125.00
Bill	05/22/2020	5/22 Special Board		5/22/20 Special Board Meeting	6311 · Board Member Compensation	125.00
Bill	05/28/2020	5/28 Board Mtg		5/28/20 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						500.00
<b>Bill Pmt -Check</b>	<b>06/04/2020</b>	<b>22196</b>	<b>FONTANA UNION WATER COMPANY'</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/21/2020	5/21 Board Officers		5/21/20 Pool Chairs/Board Officers-Curatalo	6311 · Board Member Compensation	125.00
Bill	05/22/2020	5/22 Special Board		5/22/20 Special Board meeting - Curatalo	6311 · Board Member Compensation	125.00
Bill	05/26/2020	5/26 Board Agenda		5/26/20 Board agenda preview - Curatalo	6311 · Board Member Compensation	125.00
Bill	05/28/2020	5/28 Board Mtg		5/28/20 Board meeting - Curatalo	6311 · Board Member Compensation	125.00
TOTAL						500.00
<b>Bill Pmt -Check</b>	<b>06/04/2020</b>	<b>22197</b>	<b>GRAINGER</b>	<b>9543430228</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/27/2020	9543430228		Miscellaneous supplies	7103.6 · Grdwtr Qual-Supplies	124.38
TOTAL						124.38
<b>Bill Pmt -Check</b>	<b>06/04/2020</b>	<b>22198</b>	<b>LOEB &amp; LOEB LLP</b>	<b>1887209</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	04/30/2020	1887209		Non-Ag Pool Legal Services - April 2020	8567 · Non-Ag Legal Service	2,763.90
TOTAL						2,763.90
<b>Bill Pmt -Check</b>	<b>06/04/2020</b>	<b>22199</b>	<b>PIETERSMA, RONALD</b>	<b>Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/08/2020	5/08 Special Ag Mtg		5/08/20 Special Ag Pool meeting	8411 · Ag Pool Member Compensation	25.00
				5/08/20 Special Ag Pool meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	05/14/2020	5/14 Ag Pool Mtg		5/14/20 Ag Pool meeting	8411 · Ag Pool Member Compensation	25.00
				5/14/20 Ag Pool meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	05/22/2020	5/22 Special Ag Mtg		5/22/20 Special Ag Pool meeting	8411 · Ag Pool Member Compensation	25.00
				5/22/20 Special Ag Pool meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						375.00
<b>Bill Pmt -Check</b>	<b>06/04/2020</b>	<b>22200</b>	<b>PREMIERE GLOBAL SERVICES</b>	<b>29485103</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/31/2020	29485103		Prep for Approp. Pool meeting call on 5/06	8312 · Meeting Expenses	11.01
				Fee - General	6022 · Telephone	39.00
				Fee - Confidential	6022 · Telephone	39.00
				WM coordination call on 4/27	6909.1 · OBMP Meetings	6.54
				Hamner Park call on 4/30	8512 · Meeting Expense	14.99
				Last minute check-Pool meetings call-5/13	8312 · Meeting Expenses	7.76
				Last minute check- Pool meetings call-5/13	8412 · Meeting Expenses	7.76
				Last minute check-Pool meetings call-5/13	8512 · Meeting Expense	7.76
				Board agenda preview call on 5/26	6312 · Meeting Expenses	26.92



**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**June 2020**

Type	Date	Num	Name	Memo	Account	Paid Amount
				Call shortfalls	6022 · Telephone	78.00
				Service Fee	6022 · Telephone	23.88
TOTAL						<u>262.62</u>
<b>Bill Pmt -Check</b>	<b>06/04/2020</b>	<b>22201</b>	<b>PURCHASE POWER</b>	<b>8000-9090-0016-8851</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/31/2020	8000909000168851		Postage refill	6042 · Postage - General	500.00
				Set up SendPro account-large packages	6042 · Postage - General	20.00
				Service Fee	6042 · Postage - General	1.37
TOTAL						<u>521.37</u>
<b>Bill Pmt -Check</b>	<b>06/04/2020</b>	<b>22202</b>	<b>ROGERS, PETER</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/28/2020	5/28 Board Meeting		5/28/20 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						<u>125.00</u>
<b>Bill Pmt -Check</b>	<b>06/04/2020</b>	<b>22203</b>	<b>RR FRANCHISING, INC.</b>	<b>87295</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/01/2020	87295		June 2020	6024 · Building Repair & Maintenance	740.00
TOTAL						<u>740.00</u>
<b>Bill Pmt -Check</b>	<b>06/04/2020</b>	<b>22204</b>	<b>SPECTRUM BUSINESS</b>	<b>2031978052320</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/28/2020	2031978052320		5/23/20-6/22/20	6053 · Internet Expense	800.86
TOTAL						<u>800.86</u>
<b>Bill Pmt -Check</b>	<b>06/04/2020</b>	<b>22205</b>	<b>STAPLES BUSINESS ADVANTAGE</b>	<b>8058488115</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/23/2020	8058488115		Copy paper	6031.1 · Copy Paper	275.33
				Miscellaneous office supplies	6031.7 · Other Office Supplies	71.82
TOTAL						<u>347.15</u>
<b>Bill Pmt -Check</b>	<b>06/04/2020</b>	<b>22206</b>	<b>STATE COMPENSATION INSURANCE FUND</b>	<b>1970970-19</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/01/2020	1970970-19		Premium 5/26/20-6/26/20	60183 · Worker's Comp Insurance	532.75
TOTAL						<u>532.75</u>
<b>General Journal</b>	<b>06/04/2020</b>	<b>06/04/2020</b>	<b>Payroll and Taxes for 05/17/20-05/30/20</b>	<b>Payroll and Taxes for 05/17/20-05/30/20</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
				Direct Deposits for 05/17/20-05/30/20	1012 · Bank of America Gen'l Ckg	30,387.18
				Payroll and Taxes for 05/17/20-05/30/20	1012 · Bank of America Gen'l Ckg	10,013.76
			ICMA-RC	457(f) EE Deductions for 05/17/20-05/30/20	1012 · Bank of America Gen'l Ckg	5,476.92
			ICMA-RC	401(a) EE Deductions for 05/17/20-05/30/20	1012 · Bank of America Gen'l Ckg	1,562.57
TOTAL						<u>47,440.43</u>
<b>Bill Pmt -Check</b>	<b>06/07/2020</b>	<b>ACH 060820</b>	<b>CALPERS</b>	<b>1394905143</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/14/2020	1394905143		Medical Insurance Premiums - June 2020	60182.1 · Medical Insurance	11,018.02

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Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAL						11,018.02
Bill Pmt -Check	06/07/2020	ACH 060820	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	05/30/2020	05/30/2020	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 05/17/20-05/30/20	2000 · Accounts Payable	8,180.70
TOTAL						8,180.70
Bill Pmt -Check	06/12/2020	22207	AUTO CLUB SPEEDWAY	Exhibit "G" Water Payment	1012 · Bank of America Gen'l Ckg	
Bill	06/08/2020			1,000 AF @ \$675/AF Exhibit G Water pymnt	5107 · Exhibit "G" Non-Ag Pool Water	675,000.00
TOTAL						675,000.00
Bill Pmt -Check	06/12/2020	22208	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2020	XXXX-XXXX-XXXX-9341		Clorox disinfectant wipes-COVID-19	6031.7 · Other Office Supplies	21.54
				Clorox disinfectant wipes COVID-19	6031.7 · Other Office Supplies	21.54
				Miscellaneous office supplies	6031.7 · Other Office Supplies	248.57
				Hand sanitizer COVID-19	6031.7 · Other Office Supplies	107.82
				Acrylic panels COVID-19	6027 · Other Building Expense	278.00
				Miscellaneous office supplies	6031.7 · Other Office Supplies	27.46
				Miscellaneous office supplies	6031.7 · Other Office Supplies	47.32
				Uniforms for office staff	6154 · Uniforms	329.26
				Rechargeable batteries	6031.7 · Other Office Supplies	52.05
				Webcam - Hearing Supplies	6055 · Computer Hardware	48.48
				Miscellaneous office supplies	6031.7 · Other Office Supplies	17.51
				Toner cartridges	6031.7 · Other Office Supplies	99.01
				Miscellaneous office supplies	6031.7 · Other Office Supplies	42.24
				Acrylic panels COVID-19	6027 · Other Building Expense	1,723.84
				Supplies-installation of acrylic panels C-19	6027 · Other Building Expense	265.98
				Face shields for office COVID-19	6031.7 · Other Office Supplies	59.31
				Miscellaneous office supplies	6031.7 · Other Office Supplies	51.72
				Hand sanitizer dispensers for office C-19	6027 · Other Building Expense	1,032.41
				Hand sanitizer refills COVID-19	6031.7 · Other Office Supplies	355.45
				COVID-19 antibody test kits	6031.7 · Other Office Supplies	448.30
TOTAL						5,277.81
Bill Pmt -Check	06/12/2020	22209	BURRTEC WASTE INDUSTRIES, INC.	21136525395	1012 · Bank of America Gen'l Ckg	
Bill	06/08/2020	21136525395		Disposal Service - June 2020	6024 · Building Repair & Maintenance	135.72
TOTAL						135.72
Bill Pmt -Check	06/12/2020	22210	CORELOGIC INFORMATION SOLUTIONS	82027480	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2020	82027480		82027480	7103.7 · Grdwtr Qual-Computer Svc	62.50
				82027480	7101.4 · Prod Monitor-Computer	62.50

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Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAL						125.00
<b>Bill Pmt -Check</b>	<b>06/12/2020</b>	<b>22211</b>	<b>INLAND EMPIRE UTILITIES AGENCY</b>	<b>90026703</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/10/2020	90026703		GW Recharge O&M Payment - 1st Quarter	1435 · Prepaid O&M Expense - IEUA	362,142.76
TOTAL						362,142.76
<b>Bill Pmt -Check</b>	<b>06/12/2020</b>	<b>22212</b>	<b>KUHN, BOB</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/14/2020	5/14 Appro Pool Mtg		5/14/20 Appropriative Pool meeting	6311 · Board Member Compensation	125.00
Bill	05/21/2020	5/21 Advisory Comm		5/21/20 Advisory Committee meeting	6311 · Board Member Compensation	125.00
Bill	05/22/2020	5/22 Special Board		5/22/20 Special Board meeting	6311 · Board Member Compensation	125.00
Bill	05/26/2020	5/26 Exec Committee		5/26/20 Executive Committee / GM meeting	6311 · Board Member Compensation	125.00
Bill	05/28/2020	5/28 Board Mtg		5/28/20 Board meeting	6311 · Board Member Compensation	125.00
TOTAL						625.00
<b>Bill Pmt -Check</b>	<b>06/12/2020</b>	<b>22213</b>	<b>LOEB &amp; LOEB LLP</b>	<b>1892568</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/31/2020	1892568		Non-Ag Pool Legal Services - May 2020	8567 · Non-Ag Legal Service	4,257.90
TOTAL						4,257.90
<b>General Journal</b>	<b>06/13/2020</b>	<b>06/13/2020</b>	<b>Payroll and Taxes for 05/31/20-06/13/20</b>	<b>Payroll and Taxes for 05/31/20-06/13/20</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
				Direct Deposits for 05/31/20-06/13/20	1012 · Bank of America Gen'l Ckg	32,620.87
				Payroll and Taxes for 05/31/20-06/13/20	1012 · Bank of America Gen'l Ckg	10,769.98
			ICMA-RC	457(f) EE Deductions for 05/31/20-06/13/20	1012 · Bank of America Gen'l Ckg	5,476.92
			ICMA-RC	401(a) EE Deductions for 05/31/20-06/13/20	1012 · Bank of America Gen'l Ckg	1,562.57
TOTAL						50,430.34
<b>Bill Pmt -Check</b>	<b>06/13/2020</b>	<b>ACH 061820</b>	<b>PUBLIC EMPLOYEES' RETIREMENT SYSTEM</b>	<b>Payor #3493</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
General Journal	06/13/2020	06/13/2020	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 05/31/20-06/13/20	2000 · Accounts Payable	8,180.70
TOTAL						8,180.70
<b>Check</b>	<b>06/15/2020</b>	<b>06/15/2020</b>	<b>Service Charge</b>	<b>Service Charge</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
				Service Charge	6039.1 · Banking Service Charges	613.88
TOTAL						613.88
<b>Bill Pmt -Check</b>	<b>06/16/2020</b>	<b>22214</b>	<b>BROWNSTEIN HYATT FARBER SCHRECK</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/31/2020	804029		804029	6078 · BHFS Legal - Miscellaneous	31,444.65
Bill	05/31/2020	804030		COVID-19 Discussions	6073 · BHFS Legal - Personnel Matters	1,368.85
				Database Consulting Contract	6073 · BHFS Legal - Personnel Matters	1,331.55
				GM Evaluation	6073 · BHFS Legal - Personnel Matters	2,527.20
				SY Reset Meeting	6078 · BHFS Legal - Miscellaneous	158.00
Bill	05/31/2020	804031		804031	6907.34 · Santa Ana River Water Rights	1,291.95

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	05/31/2020	804032			6275 · BHFS Legal - Advisory Committee	2,272.05
Bill	05/31/2020	804033			6375 · BHFS Legal - Board Meeting	8,650.80
Bill	05/31/2020	804034			8375 · BHFS Legal - Appropriative Pool	1,871.10
Bill	05/31/2020	804035			8475 · BHFS Legal - Agricultural Pool	1,871.10
Bill	05/31/2020	804036			8575 · BHFS Legal - Non-Ag Pool	1,603.80
Bill	05/31/2020	804037			6071 · BHFS Legal - Court Coordination	1,457.10
Bill	05/31/2020	804038			6077 · BHFS Legal - Party Status Maint	1,818.00
Bill	05/31/2020	804039			6907.39 · Recharge Master Plan	398.25
Bill	05/31/2020	804040			6907.40 · Storage Agreements	89.10
Bill	05/31/2020	804041			6907.41 · Prado Basin Habitat Sustain	490.05
Bill	05/31/2020	804042			6907.46 · Upper SAR Integrated Model	89.10
Bill	05/31/2020	804043			6907.45 · OBMP Update	42,344.10
Bill	05/31/2020	809044			6907.47 · 2020 Safe Yield Reset	53,230.05
<b>TOTAL</b>						<b>154,306.80</b>
<b>Bill Pmt -Check</b>	<b>06/16/2020</b>	<b>22215</b>	<b>TOM DODSON &amp; ASSOCIATES</b>	<b>CB271 20-6</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/31/2020	CB27120-6		May 2020 - OBMP Update PEIR	6908.1 · 2020 OBMP Update-Dodson & Assoc	17,376.20
<b>TOTAL</b>						<b>17,376.20</b>
<b>Bill Pmt -Check</b>	<b>06/16/2020</b>	<b>22216</b>	<b>UNION 76</b>	<b>7076-2245-3035-5049</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/31/2020	7076224530355049		Vehicle Fuel - May 2020	6175 · Vehicle Fuel	95.02
<b>TOTAL</b>						<b>95.02</b>
<b>Bill Pmt -Check</b>	<b>06/17/2020</b>	<b>22217</b>	<b>ACCENT COMPUTER SOLUTIONS, INC.</b>	<b>136144</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/16/2020	136144		Server replacement - PowerEdge R740	6055 · Computer Hardware	13,334.13
<b>TOTAL</b>						<b>13,334.13</b>
<b>Bill Pmt -Check</b>	<b>06/18/2020</b>	<b>22218</b>	<b>CUCAMONGA VALLEY WATER DISTRICT</b>	<b>Office Lease Payment</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/15/2020			Lease due on July 1, 2020	1422 · Prepaid Rent	7,093.14
<b>TOTAL</b>						<b>7,093.14</b>
<b>Bill Pmt -Check</b>	<b>06/18/2020</b>	<b>22219</b>	<b>DE HAAN, HENRY</b>	<b>Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/08/2020	5/10 Special Ag Mtg		5/08/20 Special Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				5/08/20 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	05/14/2020	5/14 Ag Pool Mtg		5/14/20 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				5/14/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
<b>TOTAL</b>						<b>250.00</b>
<b>Bill Pmt -Check</b>	<b>06/18/2020</b>	<b>22220</b>	<b>EUROFINS EATON ANALYTICAL</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/20/2020	L0512382		L0512384	7108.4 · Hydraulic Control-Lab Svcs	1,592.00

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	05/31/2020	L0498282		L0498282	7108.4 · Hydraulic Control-Lab Svcs	398.00
Bill	05/31/2020	L0507683		L0507683r	7108.41 · Hydraulic Control - PBHSP	1,050.00
Bill	05/31/2020	L0513034		L0513034	7108.4 · Hydraulic Control-Lab Svcs	174.00
TOTAL						3,214.00
<b>Bill Pmt -Check</b>	<b>06/18/2020</b>	<b>22221</b>	<b>FRONTIER COMMUNICATIONS</b>	<b>909-484-3890-050914-5</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/15/2020	90948438900509145		Office fax	6022 · Telephone	154.02
TOTAL						154.02
<b>Bill Pmt -Check</b>	<b>06/18/2020</b>	<b>22222</b>	<b>GREAT AMERICA LEASING CORP.</b>	<b>272377072</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/15/2020	272377072		Invoice for May 2020 - standard payment	6043.1 · Ricoh Lease Fee	1,581.74
				Supply freight fee	6043.2 · Ricoh Usage & Maintenance Fee	8.57
TOTAL						1,590.31
<b>Bill Pmt -Check</b>	<b>06/18/2020</b>	<b>22223</b>	<b>HUITSING, JOHN</b>	<b>Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/08/2020	5/08 Special Ag Mtg		5/08/20 Special Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				5/08/20 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	05/14/2020	5/14 Ag Pool Mtg		5/14/20 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				5/14/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	05/22/2020	5/22 Special Ag Mtg		5/22/20 Special Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				5/22/20 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						375.00
<b>Bill Pmt -Check</b>	<b>06/18/2020</b>	<b>22224</b>	<b>JOHN J. SCHATZ</b>	<b>Appropriative Pool Legal Services</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/31/2020			May 2020	8367 · Legal Service	22,585.00
TOTAL						22,585.00
<b>Bill Pmt -Check</b>	<b>06/18/2020</b>	<b>22225</b>	<b>LEGAL SHIELD</b>	<b>111802</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/15/2020	111802		Employee deductions - June 2020	60194 · Other Employee Insurance	177.35
TOTAL						177.35
<b>Bill Pmt -Check</b>	<b>06/18/2020</b>	<b>22226</b>	<b>POWERS ELECTRIC PRODUCTS CO.</b>	<b>7103.5</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/05/2020	72398		72398	7104.6 · Grdwtr Level-Supplies	2,147.24
TOTAL						2,147.24
<b>Bill Pmt -Check</b>	<b>06/18/2020</b>	<b>22227</b>	<b>STAPLES BUSINESS ADVANTAGE</b>	<b>8058627089</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/06/2020	8058627089		Miscellaneous office supplies	6031.7 · Other Office Supplies	18.21
TOTAL						18.21
<b>Bill Pmt -Check</b>	<b>06/18/2020</b>	<b>22228</b>	<b>STAULA, MARY L</b>	<b>Retiree Medical</b>	<b>1012 · Bank of America Gen'l Ckg</b>	

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	06/30/2020			Retiree Medical	60182.4 · Retiree Medical	30.72
TOTAL						30.72
<b>Bill Pmt -Check</b>	<b>06/18/2020</b>	<b>22229</b>	<b>UNITED HEALTHCARE</b>	<b>052576210142</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/15/2020	052576210142		Dental Insurance Premium - July 2020	60182.2 · Dental & Vision Ins	402.59
TOTAL						402.59
<b>Bill Pmt -Check</b>	<b>06/18/2020</b>	<b>22230</b>	<b>VERIZON WIRELESS</b>	<b>9855965563</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/15/2020	9855965563		Acct #4708410953-00001	6022 · Telephone	319.88
TOTAL						319.88
<b>Bill Pmt -Check</b>	<b>06/18/2020</b>	<b>22231</b>	<b>WESTERN MUNICIPAL WATER DISTRICT</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/22/2020	5/22 Special Board		5/22/20 Special Board mtg. - Galleano	6311 · Board Member Compensation	125.00
Bill	05/28/2020	5/28 Board Mtg		5/28/20 Board meeting - Galleano	6311 · Board Member Compensation	125.00
TOTAL						250.00
<b>Bill Pmt -Check</b>	<b>06/18/2020</b>	<b>22232</b>	<b>PIERSON, JEFFREY</b>	<b>Board and Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/05/2020	5/05 Admin Mtg		5/05/20 Administrative Meeting w/PK	6311 · Board Member Compensation	125.00
Bill	05/08/2020	5/08 Ag Pool Attny		5/08/20 Ag Pool Attorney/Chair conf. call	8470 · Ag Meeting Attend -Special	125.00
Bill	05/08/2020	5/08 Special Ag Mtg		5/08/20 Special Ag Pool meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	05/12/2020	5/12 Ag Pool Attny		5/12/20 Ag Pool Attorney/Chair conf. call	8470 · Ag Meeting Attend -Special	125.00
Bill	05/13/2020	5/13 Prado Basin CC		5/13/20 Prado Basin draft report conf. call	6311 · Board Member Compensation	125.00
Bill	05/13/2020	5/13 Ag Pool Attny		5/13/20 Ag Pool Attorney/Chair conf. call	8470 · Ag Meeting Attend -Special	125.00
Bill	05/14/2020	5/14 Ag Pool Attny		5/14/20 Ag Pool Attorney/Chair conf. call	8470 · Ag Meeting Attend -Special	125.00
Bill	05/14/2020	5/14 Ag Pool Mtg		5/14/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	05/15/2020	5/15 Board Officer		5/15/20 Board Officers/Pool Chairs conf. call	6311 · Board Member Compensation	125.00
Bill	05/20/2020	5/20 Ag Pool Attny		5/20/20 Ag Pool Attorney/Pool Chair conf. call	8470 · Ag Meeting Attend -Special	125.00
Bill	05/21/2020	5/21 Board Officers		5/21/20 Board Officers/Pool Chairs conf. call	6311 · Board Member Compensation	125.00
Bill	05/21/2020	5/21 Advisory Comm		5/21/20 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	05/21/2020	5/21 Ag Pool Attny		5/21/20 Ag Pool Attorney/Pool Chair conf. call	8470 · Ag Meeting Attend -Special	125.00
Bill	05/22/2020	5/22 Special Board		5/22/20 Special Board Meeting	6311 · Board Member Compensation	125.00
Bill	05/22/2020	5/22 Ag Pool Attny		5/22/20 Ag Pool Attorney/Pool Chair conf. call	8470 · Ag Meeting Attend -Special	125.00
Bill	05/22/2020	5/22 Special Ag Pool		5/22/20 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	05/26/2020	5/26 Admin Mtg		5/26/20 Administrative meeting w/PK	6311 · Board Member Compensation	125.00
Bill	05/26/2020	5/26 Ag Pool Attny		5/26/20 Ag Pool Attorney/ Pool Chair conf. call	8470 · Ag Meeting Attend -Special	125.00
Bill	05/27/2020	5/27 Ag Pool Attny		5/27/20 Ag Pool Attorney/Pool Chair conf. call	8470 · Ag Meeting Attend -Special	125.00
Bill	05/27/2020	5/27 Stored Water Mt		5/27/20 Stored Water conference call	8470 · Ag Meeting Attend -Special	125.00
Bill	05/28/2020	5/28 Board Mtg		5/28/20 Board Meeting	6311 · Board Member Compensation	125.00
Bill	05/28/2020	5/28 Ag Pool Attny		5/28/20 Ag Pool Attorney/Pool Chair conf. call	8470 · Ag Meeting Attend -Special	125.00
TOTAL						2,750.00

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<b>General Journal</b>	<b>06/19/2020</b>	<b>06/19/2020</b>	<b>ADP, LLC</b>	<b>ADP Tax Service for 05/16/20-558774901</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
				ADP Tax Service for 05/16/20-558774901	1012 · Bank of America Gen'l Ckg	155.50
				ADP Tax Service for 05/30/20-558774901	1012 · Bank of America Gen'l Ckg	155.50
<b>TOTAL</b>						<b>311.00</b>
<b>Bill Pmt -Check</b>	<b>06/24/2020</b>	<b>22233</b>	<b>WILDERMUTH ENVIRONMENTAL INC</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/31/2020	2020192		2020192	6906.31 · OBMP-Pool, Adv. Board Mtgs	12,578.20
Bill	05/31/2020	2020193		2020193	6906.32 · OBMP-Other General Meetings	3,744.25
Bill	05/31/2020	2020194		2020194	6906.71 · OBMP-Data Req.-CBWM Staff	3,456.80
Bill	05/31/2020	2020195		2020195	6906.72 · OBMP-Data Req.-Non CBWM Staff	2,625.15
Bill	05/31/2020	2020196		2020196	6906 · OBMP Engineering Services	3,043.50
Bill	05/31/2020	2020197		2020197	6906.26 · 2020 OBMP Update	7,729.70
Bill	05/31/2020	2020198		2020198	6906.73 · OBMP-2020 Safe Yield Recalc	62,466.75
Bill	05/31/2020	2020199		2020199	6906.15 · Integrated Model Mtgs-IEUA Cost	3,008.10
Bill	05/31/2020	2020200		2020200	6906.16 · CBEWP-100% IEUA Cost	23,871.50
Bill	05/31/2020	2020201		2020201	7103.3 · Grdwtr Qual-Engineering	12,382.47
Bill	05/31/2020	2020202		2020202	7104.3 · Grdwtr Level-Engineering	7,840.28
Bill	05/31/2020	2020203		2020203	7107.2 · Grd Level-Engineering	3,353.06
Bill	05/31/2020	2020204		2020204	7107.2 · Grd Level-Engineering	153.30
Bill	05/31/2020	2020205		2020205	7108.31 · Hydraulic Control - PBHSP	14,296.00
Bill	05/31/2020	2020206		2020206	7109.3 · Recharge & Well - Engineering	2,078.85
Bill	05/31/2020	2020207		2020207	7202.2 · Engineering Svc	752.05
Bill	05/31/2020	2020208		2020208	7206.1 · SB88 Specs-Ensure Compliance	1,625.90
Bill	05/31/2020	2020209		2020209	7303 · PE3&5-Engineering	731.40
Bill	05/31/2020	2020210		2020210	7402 · PE4-Engineering	2,445.90
Bill	05/31/2020	2020211		2020211	7402.10 · PE4 - Northwest MZ1 Area Proj.	9,856.35
Bill	05/31/2020	2020212		2020212	7510 · PE6&7-IEUA Salinity Mgmt. Plan	13,483.35
Bill	05/31/2020	2020213		2020213	7511 · PE6&7-SAWBMPTask Force-50% IEU	2,590.80
<b>TOTAL</b>						<b>194,113.66</b>
<b>Bill Pmt -Check</b>	<b>06/24/2020</b>	<b>22234</b>	<b>ADVANCED OFFICE SMART OFFICE SOLUTIONS VOID: AR91030</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
<b>TOTAL</b>						<b>0.00</b>
<b>Bill Pmt -Check</b>	<b>06/24/2020</b>	<b>22235</b>	<b>IN-SITU, INC.</b>	<b>135072</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/22/2020	00135072		135072	7103.6 · Grdwtr Qual-Supplies	4,027.17
<b>TOTAL</b>						<b>4,027.17</b>
<b>Bill Pmt -Check</b>	<b>06/24/2020</b>	<b>22236</b>	<b>KESSLER ALAIR INSURANCE SERVICES, INC. 35488</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/24/2020	35488		D&O Coverage Jun. 26, 2020 -Jun. 30, 2020	6085 · Business Insurance Package	163.60

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**June 2020**

Type	Date	Num	Name	Memo	Account	Paid Amount
				D&O Coverage Jul. 1, 2020 - Jun. 26, 2021	1401 · Prepaid Insurance-Pkg	11,779.46
TOTAL						11,943.06
<b>Bill Pmt -Check</b>	<b>06/24/2020</b>	<b>22237</b>	<b>SOLINST CANADA LTD.</b>	<b>12823796</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/03/2020	12823796		Water level equipment	7104.9 · Grdwtr Level-Capital Equip	573.68
TOTAL						573.68
<b>Bill Pmt -Check</b>	<b>06/24/2020</b>	<b>22238</b>	<b>STANDARD INSURANCE CO.</b>	<b>Policy # 00-649299-0009</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/22/2020	006492990009		Policy # 00-649299-0009	60191 · Life & Disab.Ins Benefits	903.53
TOTAL						903.53
<b>Bill Pmt -Check</b>	<b>06/24/2020</b>	<b>22239</b>	<b>VERIZON WIRELESS</b>	<b>9856560645</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/22/2020	9856560645		Acct #642073270-00001	7103.7 · Grdwtr Qual-Computer Svc	100.04
TOTAL						100.04
<b>Bill Pmt -Check</b>	<b>06/25/2020</b>	<b>ACH 062620</b>	<b>PUBLIC EMPLOYEES' RETIREMENT SYSTEM</b>	<b>Payor #3493</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/01/2020	16055057		Annual Unfunded Accrued Liability-Plan 3299	60180 · Employers PERS Expense	6,655.12
TOTAL						6,655.12
<b>Bill Pmt -Check</b>	<b>06/30/2020</b>	<b>22240</b>	<b>GOATCHER, D'ANNE</b>	<b>Transcription Services</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/30/2020	6/26/20 Transcript		Transcript for 6/26/20 court hearing	6046 · Legal Publications/Services	260.00
TOTAL						260.00
<b>Bill Pmt -Check</b>	<b>06/30/2020</b>	<b>22241</b>	<b>READY REFRESH BY NESTLE</b>	<b>0023230253</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/26/2020	0023230253		Office Water Bottle - June 2020	6031.7 · Other Office Supplies	78.71
TOTAL						78.71
<b>Bill Pmt -Check</b>	<b>06/30/2020</b>	<b>22242</b>	<b>RR FRANCHISING, INC.</b>	<b>88204</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/24/2020	88204		Added disinfecting cleaning	6024 · Building Repair & Maintenance	95.45
TOTAL						95.45
<b>Bill Pmt -Check</b>	<b>06/30/2020</b>	<b>22243</b>	<b>VISION SERVICE PLAN</b>	<b>00-101789-0001</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/26/2020	0010789		Vision Insurance Premium - July 2020	60182.2 · Dental & Vision Ins	93.83
TOTAL						93.83
<b>Bill Pmt -Check</b>	<b>06/30/2020</b>	<b>22244</b>	<b>ACCENT COMPUTER SOLUTIONS, INC.</b>	<b>136224</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/01/2020	136224		Monthly service - July 2020	6052.4 · IT Managed Services	4,067.35
				Overwatch - July 2020	6052.5 · IT Data Backup/Storage	699.00
				Omni Cloud - July 2020	6052.5 · IT Data Backup/Storage	170.00
				Office 365 Subscriptions/Business Premier - July 2	6052.4 · IT Managed Services	195.75



**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**June 2020**

Type	Date	Num	Name	Memo	Account	Paid Amount
				Image Office Storage (per GB, per month)	6052.5 · IT Data Backup/Storage	751.02
TOTAL						<u>5,883.12</u>
<b>Bill Pmt -Check</b>	<b>06/30/2020</b>	<b>22245</b>	<b>PIETERSMA, RONALD</b>	<b>Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/11/2020	6/11 Ag Pool Mtg		6/11/20 Ag Pool meeting	8411 · Ag Pool Member Compensation	25.00
				6/11/20 Ag Pool meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						<u>125.00</u>
<b>Bill Pmt -Check</b>	<b>06/30/2020</b>	<b>22246</b>	<b>SPECTRUM BUSINESS</b>	<b>2031978062320</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/30/2020	2031978062320		6/23/20-7/22/20	6053 · Internet Expense	800.86
TOTAL						<u>800.86</u>
<b>Bill Pmt -Check</b>	<b>06/30/2020</b>	<b>22247</b>	<b>STAPLES BUSINESS ADVANTAGE</b>	<b>8058761981</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/20/2020	8058761981		Miscellaneous office supplies	6031.7 · Other Office Supplies	55.59
TOTAL						<u>55.59</u>
<b>General Journal</b>	<b>06/30/2020</b>	<b>06/30/2020</b>	<b>Wage Works FSA Direct Debits - June 2020</b>	<b>Wage Works FSA Direct Debits - June 2020</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
				Wage Works FSA Direct Debits - June 2020	1012 · Bank of America Gen'l Ckg	516.93
				Wage Works FSA Direct Debits - June 2020	1012 · Bank of America Gen'l Ckg	516.93
				Wage Works FSA Direct Debits - June 2020	1012 · Bank of America Gen'l Ckg	76.25
TOTAL						<u>1,110.11</u>
					<b>Total Disbursements:</b>	<u><u>1,701,845.61</u></u>



# CHINO BASIN WATERMASTER

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

## STAFF REPORT

DATE: August 20, 2020  
TO: Advisory Committee  
SUBJECT: VISA Check Detail Report - Financial Report B2 (June 30, 2020)  
(Consent Calendar Item I.B.2.)

### SUMMARY

Issue: Record of VISA credit card payment disbursed for the month of June 2020.

Recommendation: Receive and file VISA Check Detail Report for June 2020 as presented.

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

### Future Consideration

**Advisory Committee – August 20, 2020:** Receive and File

**Watermaster Board – August 25, 2020:** Receive and File (Normal Course of Business)

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### ACTIONS:

**Appropriative Pool – August 13, 2020:** Received and filed

**Agricultural Pool – August 13, 2020:** Moved unanimously to receive and file, without approval

**Non-Agricultural Pool – August 14, 2020:** Received and filed

**Advisory Committee – August 20, 2020:**

**Watermaster Board – August 25, 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

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 June 2020 was \$5,277.81. The payment was processed in the amount of \$5,277.81 (by check number 22208 dated June 12, 2020). The monthly charges for June 2020 of \$5,277.81 were for routine and customary expenditures and properly documented with receipts.

## ATTACHMENTS

1. Financial Report - B2

**CHINO BASIN WATERMASTER**  
**VISA Check Detail Report**  
**June 2020**

Type	Num	Date	Name	Memo	Account	Paid Amount
Bill Pmt -Check	06/12/2020	22208	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2020	XXXX-XXXX-XXXX-9341		Clorox disinfectant wipes-COVID-19	6031.7 · Other Office Supplies	21.54
				Clorox disinfectant wipes COVID-19	6031.7 · Other Office Supplies	21.54
				Miscellaneous office supplies	6031.7 · Other Office Supplies	248.57
				Hand sanitizer COVID-19	6031.7 · Other Office Supplies	107.82
				Acrylic panels COVID-19	6027 · Other Building Expense	278.00
				Miscellaneous office supplies	6031.7 · Other Office Supplies	27.46
				Miscellaneous office supplies	6031.7 · Other Office Supplies	47.32
				Uniforms for office staff	6154 · Uniforms	329.26
				Rechargeable batteries	6031.7 · Other Office Supplies	52.05
				Webcam - Hearing Supplies	6055 · Computer Hardware	48.48
				Miscellaneous office supplies	6031.7 · Other Office Supplies	17.51
				Toner cartridges	6031.7 · Other Office Supplies	99.01
				Miscellaneous office supplies	6031.7 · Other Office Supplies	42.24
				Acrylic panels COVID-19	6027 · Other Building Expense	1,723.84
				Supplies-installation of acrylic panels C-19	6027 · Other Building Expense	265.98
				Face shields for office COVID-19	6031.7 · Other Office Supplies	59.31
				Miscellaneous office supplies	6031.7 · Other Office Supplies	51.72
				Hand sanitizer dispensers for office C-19	6027 · Other Building Expense	1,032.41
				Hand sanitizer refills COVID-19	6031.7 · Other Office Supplies	355.45
				COVID-19 antibody test kits	6031.7 · Other Office Supplies	448.30
					<b>Total Disbursements:</b>	<b><u>5,277.81</u></b>
TOTAL						



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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: August 20, 2020  
TO: Advisory Committee  
SUBJECT: Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2019 through June 30, 2020 - Financial Report B3 (June 30, 2020)  
(Consent Calendar Item I.B.3.)

### SUMMARY

Issue: Record of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2019 through June 30, 2020.

Recommendation: Receive and file Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2019 through June 30, 2020 as presented.

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

### Future Consideration

**Advisory Committee – August 20, 2020:** Receive and File

**Watermaster Board – August 25, 2020:** Receive and File (Normal Course of Business)

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### ACTIONS:

**Appropriative Pool – August 13, 2020:** Received and filed

**Agricultural Pool – August 13, 2020:** Moved unanimously to receive and file, without approval

**Non-Agricultural Pool – August 14, 2020:** Received and filed

**Advisory Committee – August 20, 2020:**

**Watermaster Board – August 25, 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

A Combining Schedule of Revenue, Expenses and Changes in Net Assets for the period July 1, 2019 through June 30, 2020 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 JUNE 30, 2020

Financial Report - B3

	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
			APPROPRIATE POOL	AG POOL	NON-AG POOL					
<b>Administrative Revenues:</b>										
Administrative Assessments			8,100,143		364,536				8,464,678	8,465,297
Interest Revenue			172,301	10,354	2,451				185,106	75,124
Mutual Agency Project Revenue	171,905								171,905	171,906
Miscellaneous Income	95								95	0
<b>Total Revenues</b>	<b>172,000</b>	<b>-</b>	<b>8,272,443</b>	<b>10,354</b>	<b>366,987</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8,821,785</b>	<b>8,712,327</b>
<b>Administrative &amp; Project Expenditures:</b>										
Watermaster Administration	1,646,990								1,646,990	1,639,738
Watermaster Board-Advisory Committee	179,693								179,693	183,147
Ag Pool Misc. Expense - Ag Fund				-					-	400
Pool Administration			268,169	623,588	95,624				987,381	836,473
Optimum Basin Mgmt Administration		2,543,835							2,543,835	2,391,840
OBMP Project Costs		2,611,392							2,611,392	3,930,468
Debt Service		526,276							526,276	633,440
Basin Recharge Improvements		-							-	1,634,782
<b>Total Administrative/OBMP Expenses</b>	<b>1,826,683</b>	<b>5,681,503</b>	<b>268,169</b>	<b>623,588</b>	<b>95,624</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8,495,567</b>	<b>11,250,288</b>
Net Administrative/OBMP Expenses	(1,654,683)	(5,681,503)								
Allocate Net Admin Expenses To Pools	<u>1,654,683</u>		1,241,014	357,764	55,905				-	
Allocate Net OBMP Expenses To Pools		5,155,227	3,908,058.32	1,114,629	132,540				-	
Allocate Debt Service to App Pool		526,276	526,276						-	
Allocate Basin Recharge to App Pool		-	-						-	
Agricultural Expense Transfer*			2,095,981	(2,095,981)					-	
<b>Total Expenses</b>	<b>8,039,498</b>	<b>-</b>	<b>8,039,498</b>	<b>-</b>	<b>284,068</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8,495,567</b>	<b>11,250,288</b>
<b>Net Administrative Income</b>	<b>232,945</b>	<b>10,354</b>	<b>82,919</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>326,218</b>	<b>(2,537,961)</b>
<b>Other Income/(Expense)</b>										
Replenishment Water Assessments						1,059,430			1,059,430	0
Desalter Replenishment Obligation						61,942			61,942	0
Exhibit "G" Non-Ag Pool Water			675,000						675,000	0
RTS Charges from IEUA						(31,147)			(31,147)	0
Interest Revenue						3,016			3,016	0
MWD Water Purchases									-	0
Non-Ag Stored Water Purchases									-	0
Exhibit "G" Non-Ag Pool Water			(675,000)						(675,000)	0
Groundwater Replenishment						(1,413,794)			(1,413,794)	0
LAIF - Fair Market Value Adjustment							26,985		26,985	0
Gain on Sale of Assets			2,436		97		-		2,533	0
Other Post-Employment Benefits (OPEB)			-		-				-	0
Refund-Excess Reserves			(271,110)		-				(271,110)	0
Refund-Recharge Debt			(64,564)						(64,564)	0
Funding To/(From) Reserves									-	(225,500)
<b>Net Other Income/(Expense)</b>	<b>(333,238)</b>	<b>-</b>	<b>97</b>	<b>(320,554)</b>	<b>26,985</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(626,711)</b>	<b>(225,500)</b>
<b>Net Transfers To/(From) Reserves</b>	<b>(300,492)</b>	<b>(100,293)</b>	<b>10,354</b>	<b>83,016</b>	<b>(320,554)</b>	<b>26,985</b>	<b>-</b>	<b>(300,492.35)</b>	<b>(2,312,461)</b>	<b>(0)</b>
<b>Net Assets, July 1, 2019</b>	<b>7,737,657</b>	<b>505,144</b>	<b>25,310</b>	<b>314,372</b>	<b>16,184</b>	<b>(443,445)</b>	<b>8,155,223</b>	<b>7,854,731</b>	<b>7,854,731</b>	
<b>Net Assets, End of Period</b>	<b>7,637,364</b>	<b>515,498</b>	<b>108,326</b>	<b>(6,182)</b>	<b>43,169</b>	<b>(443,445)</b>	<b>7,854,731</b>	<b>7,854,731</b>	<b>7,854,731</b>	
<b>18/19 Assessable Production</b>			75,114,142	21,785,871	3,860,993				100,761,006	
<b>18/19 Production Percentages</b>			74.547%	21.621%	3.832%				100.000%	

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

N:\Administration\Meetings - Agendas & Minutes\2020\Staff Reports\08 - August\Advisory\20200820 - B3 Combining Schedule-June 2020.xlsx\Jul2019-Jun2020



# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: August 20, 2020  
TO: Advisory Committee  
SUBJECT: Treasurer's Report of Financial Affairs for the Period June 1, 2020 through June 30, 2020  
- Financial Report B4 (June 30, 2020)  
(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 June 1, 2020 through June 30, 2020.

Recommendation: Receive and file Treasurer's Report of Financial Affairs for the Period June 1, 2020 through June 30, 2020 as presented.

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

### Future Consideration

**Advisory Committee – August 20, 2020:** Receive and File

**Watermaster Board – August 25, 2020:** Receive and File (Normal Course of Business)

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### ACTIONS:

**Appropriative Pool – August 13, 2020:** Received and filed

**Agricultural Pool – August 13, 2020:** Moved unanimously to receive and file, without approval

**Non-Agricultural Pool – August 14, 2020:** Received and filed

**Advisory Committee – August 20, 2020:**

**Watermaster Board – August 25, 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

A Treasurer's Report of Financial Affairs for the Period June 1, 2020 through June 30, 2020 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  
JUNE 1, 2020 THROUGH JUNE 30, 2020**

Financial Report - B4

**DEPOSITORIES:**

Cash on Hand - Petty Cash			\$	500
Bank of America				
Governmental Checking-Demand Deposits	\$	770,748		
Zero Balance Account - Payroll		-		770,748
Trust Account - County of San Bernardino				845
Local Agency Investment Fund - Sacramento				8,830,320
<b>TOTAL CASH IN BANKS AND ON HAND</b>		6/30/2020		<b>\$ 9,602,413</b>
<b>TOTAL CASH IN BANKS AND ON HAND</b>		5/31/2020		<b>10,394,603</b>
<b>PERIOD INCREASE (DECREASE)</b>				<b>\$ (792,190)</b>

**CHANGE IN CASH POSITION DUE TO:**

Decrease/(Increase) in Assets: Accounts Receivable			\$	29,209
Assessments Receivable				742,799
Prepaid Expenses, Deposits & Other Current Assets				(371,817)
(Decrease)/Increase in Liabilities: Accounts Payable				17,163
Accrued Payroll, Payroll Taxes & Other Current Liabilities				108,952
Long Term Liabilities				33,508
Transfer to/(from) Reserves				(1,352,003)
<b>PERIOD INCREASE (DECREASE)</b>				<b>\$ (792,190)</b>

**SUMMARY OF FINANCIAL TRANSACTIONS:**

	Petty Cash	Govt'l Checking Demand	Zero Balance Account Payroll	Trust Account County of San Bernardino	Local Agency Investment Funds	Totals
Balances as of 5/31/2020	\$ 500	\$ 330,324	\$ (40,401)	\$ 845	\$ 10,103,335	\$ 10,394,603
Deposits	-	2,142,269	40,401	-	26,985	2,209,656
Transfers	-	(133,940)	(84,103)	-	-	(218,043)
Withdrawals/Checks	-	(1,567,905)	84,103	-	(1,300,000)	(2,783,803)
<b>Balances as of 6/30/2020</b>	<b>\$ 500</b>	<b>\$ 770,748</b>	<b>\$ -</b>	<b>\$ 845</b>	<b>\$ 8,830,320</b>	<b>\$ 9,602,413</b>
<b>PERIOD INCREASE OR (DECREASE)</b>	<b>\$ -</b>	<b>\$ 440,424</b>	<b>\$ 40,401</b>	<b>\$ -</b>	<b>\$ (1,273,015)</b>	<b>\$ (792,190)</b>

**CHINO BASIN WATERMASTER  
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD  
JUNE 1, 2020 THROUGH JUNE 30, 2020**

**INVESTMENT TRANSACTIONS**

Effective Date	Transaction	Depository	Activity	Redeemed	Days to Maturity	Interest Rate(*)	Maturity Yield
6/15/2020	Withdrawal		(850,000)				
6/26/2020	Withdrawal		(450,000)				
6/30/2020	FMV		26,985				
<b>TOTAL INVESTMENT TRANSACTIONS</b>			<b>\$ (1,273,015)</b>	<b>\$0</b>			

\* The earnings rate for L.A.I.F. is a daily variable rate; 1.36% was the effective yield rate at the Quarter ended June 30, 2020.

**INVESTMENT STATUS  
June 30, 2020**

<u>Financial Institution</u>	<u>Principal Amount</u>	<u>Number of Days</u>	<u>Interest Rate</u>	<u>Maturity Date</u>
Local Agency Investment Fund	\$ 8,830,320			
<b>TOTAL INVESTMENTS</b>	<b>\$ 8,830,320</b>			

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

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

Respectfully submitted,



Joseph S. Joswiak  
Chief Financial Officer  
Chino Basin Watermaster



# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: August 20, 2020  
TO: Advisory Committee  
SUBJECT: Budget vs. Actual Report for the Period July 1, 2019 through June 30, 2020 -  
Financial Report B5 (June 30, 2020)  
(Consent Calendar Item I.B.5.)

### SUMMARY

Issue: Record of revenues and expenses of Watermaster for the Period of July 1, 2019 through June 30, 2020.

Recommendation: Receive and file Budget vs. Actual Report for the Period July 1, 2019 through June 30, 2020 as presented.

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

### Future Consideration

**Advisory Committee – August 20, 2020:** Receive and File

**Watermaster Board – August 25, 2020:** Receive and File (Normal Course of Business)

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### ACTIONS:

**Appropriative Pool – August 13, 2020:** Received and filed

**Agricultural Pool – August 13, 2020:** Moved unanimously to receive and file, without approval

**Non-Agricultural Pool – August 14, 2020:** Received and filed

**Advisory Committee – August 20, 2020:**

**Watermaster Board – August 25, 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

A Budget vs. Actual Report for the period July 1, 2019 through June 30, 2020 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 – JUNE 2020

As reported during the previous month, a Budget Transfer Form is being presented for approval as part of the Business Items for the Pools, Advisory Committee, and Board during the current meeting month. By presenting the Budget Transfer Form during this month, the accounting records would be for 12 months of actual expenses and not require any estimation of expenses at fiscal year-end. This “true-up” method will provide the most exact and accurate accounting records.

Fiscal Year 2019/20 Budget Transfer (Form T-20-06-01) was developed in conjunction with closing the books as of June 30, 2020 and adjusting the areas of the FY 2019/20 “Amended” budget which were over budget as of June 30, 2020. As stated above, Fiscal Year 2019/20 Budget Transfer (Form T-20-06-01) in the amount of \$217,314 is being submitted for approval by the Advisory Committee and adoption by the Watermaster Board for the August 2020 meetings.

The (3) three budget adjustments required were as follows: (1) the BHFS Legal Services budget (account 6078) requiring an additional funding of \$121,000 which \$77,000 was reallocated from other BHFS Legal Services accounts and \$44,000 was reallocated from various administration related accounts; (2) the BHFS Legal Services budget (account 6907.47) requiring an additional funding of \$33,000 which was reallocated from various administration related accounts which increased the total FY 2019/20 BHFS Legal Services budget from \$958,953 to \$1,035,953; and (3) the Agricultural Pool Special Projects (account 8471) had an available balance of \$63,314 which was transferred to the Agricultural Pool Legal Services (account 8467) which increased the total FY 2019/20 budget (account 8467) from \$300,000 to \$363,314.

The Fiscal Year 2018/19 Budget Transfer (Form T-19-06-01) was a zero-based document, which means the reductions and additions within the general ledger accounts were equal. The Fiscal Year 2019/20 Budget Transfer (Form T-20-06-01) was recorded during the accounting period of June 30, 2020. Fiscal Year 2019/20 Budget Transfer (Form T-20-06-01) does not change the overall “Amended” FY 2019/20 Budget of \$11,250,287.70.

Year-To-Date (YTD) for the twelve months ending June 30, 2020, all but four categories were at or below the projected budget. The Administration Salary/Benefits expenses (6010’s) were over budget by \$15,795 or 1.4% as a result of year-end accrual to actual reconciliations. Please note that the overage is only in the administrative section, not with the entire consolidated staffing budget. At fiscal year-end, the vacation, sick, and administrative leave accrued balances by employee were adjusted as increases to the accrual balances and the correct ending balances have been recorded on the Balance Sheet as a Current Liability. For fiscal year-end as of June 30, 2020 the general journal adjustment amount to reconcile the accruals was \$60,353. This is a standard accounting journal entry that is completed each fiscal year. These year-end journal entries of \$60,353 increased the Watermaster Salary categories of sick leave balances by \$36,227 (account 60186.1); increased the administrative leave balances by \$9,446 (account 60185.2); and increased the vacation leave balances by \$14,680 (account 60185.3) as of June 30, 2020.

The Agricultural Legal and Technical Services expenses (8467’s) were over budget by \$165,695 or 45.6% as a result of increased legal activities which began during March 2020 and continued through June 30,

*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*

2020. This budget shortfall is not part of the Budget Transfer (Form T-20-06-01) because a determination is awaiting on the method of assessment to the Appropriative Pool.

The Depreciation Expenses (9400's) were over budget by \$20,067 or 100%. The Depreciation Expense (9400's) is booked at year-end as part of the financial reporting closing entries. Historically, Watermaster has not budgeted for the depreciation expense at year-end because this expense is not a "cash" transaction (an expense paid to a vendor or entity), but an accounting adjustment to the balance sheet and the income statement.

The Optimum Basin Management Plan expenses (6900's) were over budget by \$64,460 or 2.8% as a result of expanded activities with regards to the 2020 Safe Yield Reset which increased the amount of time being allocated to the project through the increased Watermaster salaries expenses, increased Engineering Services expenses, and increased Legal Services expenses. Please note with respect to the salaries, the overage is only in the OBMP salaries section, not with the entire consolidated staffing budget.

Overall, the Watermaster (YTD) Actual Expenses were \$2,754,721 or 24.5% below the (YTD) Budgeted Expenses of \$11,250,288.

#### PREVIOUSLY REPORTED ACTIONS (Descending Order)

##### May 2020:

Watermaster is not submitting a Budget Transfer Form or Budget Amendment Form at the present time. The plan is to submit these documents for recommendation and approval during the August 2020 Pools, Advisory Committee, and Board meetings (or September 2020 if the Pools, Advisory Committee, and Board meetings in August are not scheduled) which will allow for an exact amount required for transfer and/or amendment since this will be the closing cycle for the fiscal year ending June 30, 2020. A Budget Transfer reallocates the existing FY 2019/20 approved budget, which does not increase the approved budget amount. A Budget Amendment would reallocate funding from the Reserve Funds, and does increase the overall FY 2019/20 approved budget.

##### February 2020:

The First Amendment to Task Order No. 1 Under Master Agreement Regarding the Management of Collaborative Projects (Salinity Management) was unanimously approved by the Advisory Committee on March 19, 2020 and approved unanimously by the Board on March 26, 2020. As reported within the Financial Impact section of the Staff Report, "The total increase for Watermaster costs to complete the project is \$97,925. A budget amendment will be required to cover the \$33,776 for the remainder of the FY 19/20 and the remaining project costs of \$59,076 and \$43,186 for contingency and environmental review will be budgeted for FY 20/21". Watermaster is not submitting a Budget Amendment Form in the amount of \$33,776 at the present time. Over the next few months, as Watermaster gets closer to the June 30, 2020 fiscal year closing, under budget variances within the Engineering Services budget could allow for a Budget Transfer to fund the shortfall amount of \$33,776 instead of a Budget Amendment. A Budget Transfer reallocates the existing FY 2019/20 approved budget, which does not increase the approved budget amount. A Budget Amendment would reallocate funding from the OBMP Reserve Fund, and does increase the overall FY 2019/20 approved budget. The second quarter ECAC report (July 1, 2019 – December 31, 2019) showed an estimated under budget variance at June 30, 2020 of approximately \$60,446 for the Engineering Services. The third quarter ECAC report (July 1, 2019 – March 31, 2020) is scheduled for issuance in early May 2020.

##### December 2019:

The Budget Amendment Form A-19-12-01 was approved unanimously by the Board on December 19, 2019. For the accounting month of December 2019, Budget Amendment Form A-19-12-01 was recorded in the amount of \$225,500 under the 2020 OBMP Update - Dodson & Associates expenses (account 6908.1). The additional funding of \$225,500 came from the OBMP Reserve Fund which had an available balance of \$809,044. The new available balance of the OBMP Reserve Fund is now \$583,544 (\$809,044

- \$225,500 = \$583,544). With the addition of the \$225,500 from Budget Amendment Form A-19-12-01, the Approved "Amended" Budget for FY 2019/20 was increased from \$10,954,787.70 to \$11,180,287.70 (which includes the additional "Carry Over" funding of \$2,312,460.70).

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 – JUNE 2020

At fiscal year-end, the vacation, sick, and administrative leave accrued balances by employee were adjusted as increases to the accrual balances and the correct ending balances have been recorded on the Balance Sheet as a Current Liability. For fiscal year-end as of June 30, 2020 the general journal adjustment amount to reconcile the accruals was \$60,353. This is a standard accounting journal entry that is completed each fiscal year. These year-end journal entries of \$60,353 increased the Watermaster Salary categories of sick leave balances by \$36,227 (account 60186.1); increased the administrative leave balances by \$9,446 (account 60185.2); and increased the vacation leave balances by \$14,680 (account 60185.3) as of June 30, 2020.

As of June 30, 2020, the total (YTD) Watermaster salary expenses were \$54,286 or 2.7% above the (YTD) budgeted amount of \$2,000,477. Excluding the year-end leave balance reconciliation of \$60,353, the Watermaster salary expenses would be \$6,067 or 0.3% below the budget of \$2,000,477. 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 June 30, 2020. 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 - Jun '20</u> <u>Actual</u>	<u>Jul '19 - Jun '20</u> <u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>	<u>FY 2019/20</u> <u>Annual Budget</u>
<b>WM Salary Expense</b>					
6011 · WM Staff Salaries	1,111,809.05	1,084,836.00	26,973.05	102.49%	1,084,836.00
6011.1 · WM Staff Salaries - Overtime	17,615.34	0.00	17,615.34	100.0%	0.00
6011.4 · 457(f) NQDC Plan	34,063.65	38,528.00	-4,464.35	88.41%	38,528.00
6017 · Temporary Services	1,128.64	21,000.00	-19,871.36	5.37%	21,000.00
6201 · Advisory Committee - WM Staff Salaries	24,910.26	27,400.00	-2,489.74	90.91%	27,400.00
6301 · Watermaster Board - WM Staff Salaries	45,382.14	43,759.00	1,623.14	103.71%	43,759.00
8301 · Appropriative Pool - WM Staff Salaries	40,928.78	40,634.00	294.78	100.73%	40,634.00
8401 · Agricultural Pool - WM Staff Salaries	27,327.10	34,488.00	-7,160.90	79.24%	34,488.00
8501 · Non-Agricultural Pool - WM Staff Salaries	19,637.42	23,626.00	-3,988.58	83.12%	23,626.00
6901 · OBMP - WM Staff Salaries	228,113.24	126,360.00	101,753.24	180.53%	126,360.00
7101.1 · Production Monitor - WM Staff Salaries	69,930.45	77,293.00	-7,362.55	90.47%	77,293.00
7102.1 · In-line Meter - WM Staff Salaries	0.00	16,978.00	-16,978.00	0.0%	16,978.00
7103.1 · Grdwater Quality - WM Staff Salaries	51,335.04	57,654.00	-6,318.96	89.04%	57,654.00
7104.1 · Grdwater Level - WM Staff Salaries	76,822.49	58,918.00	17,904.49	130.39%	58,918.00
7107.1 · GrdLevel Monitoring - WM Staff Salarie	753.00	6,072.00	-5,319.00	12.4%	6,072.00
7108.1 · Hydraulic Control - WM Staff Salaries	1,133.01	4,104.00	-2,970.99	27.61%	4,104.00
7108.11 · Prado Basin - WM Staff Salaries	399.02	6,003.00	-5,603.98	6.65%	6,003.00
7201 · Comp Recharge - WM Staff Salaries	64,442.85	61,853.00	2,589.85	104.19%	61,853.00
7301 · PE3&5 - WM Staff Salaries	5,283.52	17,214.00	-11,930.48	30.69%	17,214.00
7401 · PE4 - WM Staff Salaries	3,468.05	10,541.00	-7,072.95	32.9%	10,541.00
7501 · PE6&7 - WM Staff Salaries	2,145.06	5,671.00	-3,525.94	37.83%	5,671.00
7501.1 · PE 6&7 - WM Staff Salaries (Plume)	0.00	5,415.00	-5,415.00	0.0%	5,415.00
7601 · PE8&9 - WM Staff Salaries	10,225.64	22,818.00	-12,592.36	44.81%	22,818.00
<b>Subtotal WM Staff Costs</b>	<b>1,836,853.75</b>	<b>1,791,165.00</b>	<b>45,688.75</b>	<b>102.55%</b>	<b>1,791,165.00</b>
60185 · Vacation	79,557.47	82,204.00	-2,646.53	96.78%	82,204.00
60185.2 · Comp Time Accrual Adjustment	9,446.14	0.00	9,446.14	100.0%	0.00
60185.3 · Vacation Accrual Adjustment	14,679.51	0.00	14,679.51	100.0%	0.00
60186 · Sick Leave	18,168.25	56,493.00	-38,324.75	32.16%	56,493.00
60186.1 · Sick Leave Accrual Adjustment	36,227.21	0.00	36,227.21	100.0%	0.00
60187 · Holidays	59,830.25	70,615.00	-10,784.75	84.73%	70,615.00
<b>Subtotal WM Paid Leaves</b>	<b>217,908.83</b>	<b>209,312.00</b>	<b>8,596.83</b>	<b>104.11%</b>	<b>209,312.00</b>
<b>Total WM Salary Costs</b>	<b>2,054,762.58</b>	<b>2,000,477.00</b>	<b>54,285.58</b>	<b>102.71%</b>	<b>2,000,477.00</b>

PREVIOUSLY REPORTED ACTIONS (Descending Order)

January 2020:

The Administrative Assistant submitted her written resignation on January 10, 2020. For a portion of January, the Administrative Assistant position duties were being filled by a temporary agency employee. During the same time period, Watermaster staff were evaluating and interviewing possible candidates who were being submitted for evaluation by multiple temporary agencies.

During the same time frame, Anna Nelson, the Watermaster Executive Services Director, reached out to several water agencies in the local area to see if they had any recommendations or suggestions on possible candidates for the open position. From this outreach, a candidate did contact Watermaster and was interviewed for the open position. On January 24, 2020, a conditional offer of employment was issued with the final screening process being successful completion of a background investigation, passing a drug test, and passing a pre-employment physical. The new employee started employment with Watermaster on February 10, 2020.

LEGAL SERVICES

BROWNSTEIN HYATT FARBER SCHRECK EXPENSES

*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 – JUNE 2020

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.

The Fiscal Year 2019/20 Budget Transfer (Form T-20-06-01) in the amount of \$217,314 will be provided to the Pools, submitted for approval by the Advisory Committee and adoption by the Watermaster Board during the meeting month of August 2020. Fiscal Year 2019/20 Budget Transfer (Form T-20-06-01) was developed to assist in closing the books as of June 30, 2020 and adjust the areas of the FY 2019/20 “Amended” budget which were over budget as of June 30, 2020. The BHFS Legal Services budget (account 6078) required an additional funding of \$44,000 and (account 6907.47) required an additional funding of \$33,000 which increased the total FY 2019/20 BHFS Legal Services budget from \$958,953 to \$1,035,953. The BHFS Legal Services budget (account 6078) also required an additional funding of \$77,000 which was reallocated from various other BHFS accounts.

As of June 30, 2020, 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 \$4,251 or 0.4% below the (YTD) budgeted amount of \$1,035,953.

WATERMASTER ADMINISTRATIVE LEGAL SERVICES:

Overall, the Watermaster Administrative Legal Services expense (6070's) as of June 30, 2020, was \$797 or 0.2% below the budgeted amount of \$387,115. The specific items within the Administrative Legal Services expenses (6070's) which were over budget were the Personnel Matters (6073) over budget by \$15,975 or 161.4%; Miscellaneous (6078) which were over budget by \$100,296 or 46.3%; and the Ely Basin Investigation (6078.25) which were over budget by \$2,192 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 \$19,908 or 52.0%; Rules and Regulations (6072) under budget by \$2,167 or 20.0%; Interagency Issues (6074) under budget by \$35,640 or 100.0%; Party Status Maintenance expenses (6077) under budget by \$6,934 or 37.0%; and Assessment Packages-Updates (6078.13) under budget by \$54,611 or 95.6%.

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 June 30, 2020 was \$2,673 or 2.3% below the budgeted amount of \$115,713. 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 were 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 June 30, 2020, the category of OBMP legal expenses were \$781 or 0.1% below the budgeted amount of \$533,125. The majority of expenses within this OBMP category were under budget (YTD), however, the Santa Ana River Water Rights expenses (6907.34) were over budget by \$1,855 or 11.4%; the OBMP Update expenses (6907.45) were over budget by \$218,725 or 202.1%; the Upper SAR Integrated Model expenses (6907.46) were over budget by \$267 or 100%; and the 2020 Safe Yield Reset expenses (6907.47) were over budget by \$30,436 or 21.6%.

The table listed below summarizes the Brownstein Hyatt Farber Schreck (BHFS) expenses as of June 30, 2020 compared to the Year-To-Date (YTD) budget. Please be advised that the "\$ Over Budget" and the "% of Budget" columns are a comparison of the (YTD) Actual to the (YTD) Budget, not the 12-month Annual Budget. The 12-month Annual Budget column is presented only to provide the data in a full and complete format. The following details are provided:

	Jul '19 - Jun '20 Actual	Jul '19 - Jun '20 Budget	\$ Over Budget	% of Budget	FY 2019/20 Annual Budget
<b>6070 · Watermaster Legal Services</b>					
6071 · BHFS Legal - Court Coordination	18,391.93	38,300.00	-19,908.07	48.02%	38,300.00
6072 · BHFS Legal - Rules & Regulations	8,658.12	10,825.00	-2,166.88	79.98%	10,825.00
6073 · BHFS Legal - Personnel Matters	25,874.95	9,900.00	15,974.95	261.36%	9,900.00
6074 · BHFS Legal - Interagency Issues	0.00	35,640.00	-35,640.00	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	11,815.65	18,750.00	-6,934.35	63.02%	18,750.00
6078 · BHFS Legal - Miscellaneous (Note 1)	316,845.61	216,550.00	100,295.61	146.32%	216,550.00
6078.13 · BHFS - Assessment Packages-Updates	2,539.35	57,150.00	-54,610.65	4.44%	57,150.00
6078.25 · BHFS - Ely # Basin Investigation	2,192.40	0.00	2,192.40	100.0%	0.00
<b>Total 6070 · Watermaster Legal Services</b>	<b>386,318.01</b>	<b>387,115.00</b>	<b>-796.99</b>	<b>99.79%</b>	<b>387,115.00</b>
<b>6275 · BHFS Legal - Advisory Committee</b>	<b>11,551.76</b>	<b>11,780.00</b>	<b>-228.24</b>	<b>98.06%</b>	<b>11,780.00</b>
<b>6375 · BHFS Legal - Board Meeting</b>	<b>53,386.13</b>	<b>54,220.00</b>	<b>-833.87</b>	<b>98.46%</b>	<b>54,220.00</b>
<b>6375.1 · BHFS Legal - Board Workshop(s)</b>	<b>0.00</b>	<b>38.00</b>	<b>-38.00</b>	<b>0.0%</b>	<b>38.00</b>
<b>8375 · BHFS Legal - Appropriative Pool</b>	<b>16,273.14</b>	<b>17,225.00</b>	<b>-951.86</b>	<b>94.47%</b>	<b>17,225.00</b>
<b>8475 · BHFS Legal - Agricultural Pool</b>	<b>16,072.97</b>	<b>16,225.00</b>	<b>-152.03</b>	<b>99.06%</b>	<b>16,225.00</b>
<b>8575 · BHFS Legal - Non-Ag Pool</b>	<b>15,756.15</b>	<b>16,225.00</b>	<b>-468.85</b>	<b>97.11%</b>	<b>16,225.00</b>
<b>Total BHFS Legal Services</b>	<b>113,040.15</b>	<b>115,713.00</b>	<b>-2,672.85</b>	<b>97.69%</b>	<b>115,713.00</b>
<b>6907.3 · WM Legal Counsel</b>					
6907.31 · Archibald South Plume	0.00	13,125.00	-13,125.00	0.0%	13,125.00
6907.32 · Chino Airport Plume	0.00	13,125.00	-13,125.00	0.0%	13,125.00
6907.33 · Desalter/Hydraulic Control	89.10	23,625.00	-23,535.90	0.38%	23,625.00
6907.34 · Santa Ana River Water Rights	18,129.60	16,275.00	1,854.60	111.4%	16,275.00
6907.36 · Santa Ana River Habitat	3,048.30	47,350.00	-44,301.70	6.44%	47,350.00
6907.38 · Reg. Water Quality Cntrl Board	712.80	27,550.00	-26,837.20	2.59%	27,550.00
6907.39 · Recharge Master Plan	6,949.83	21,700.00	-14,750.17	32.03%	21,700.00
6907.40 · Storage Agreements	89.10	33,400.00	-33,310.90	0.27%	33,400.00
6907.41 · Prado Basin Habitat Sustainability	3,472.65	16,250.00	-12,777.35	21.37%	16,250.00
6907.42 · Safe Yield Recalculation	0.00	0.00	0.00	0.0%	0.00
6907.44 · SGMA Compliance	1,024.65	10,850.00	-9,825.35	9.44%	10,850.00
6907.45 · OBMP Update	326,924.81	108,200.00	218,724.81	302.15%	108,200.00
6907.46 · Upper SAR Integrated Model	267.30	0.00	267.30	100.0%	0.00
6907.47 · 2020 Safe Yield Reset	171,636.07	141,200.00	30,436.07	121.56%	141,200.00
6907.48 · Ely Basin Investigation	0.00	28,525.00	-28,525.00	0.0%	28,525.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	31,950.00	-31,950.00	0.0%	31,950.00
<b>Total 6907 · WM Legal Counsel</b>	<b>532,344.21</b>	<b>533,125.00</b>	<b>-780.79</b>	<b>99.85%</b>	<b>533,125.00</b>
<b>Total Brownstein, Hyatt, Farber, Schreck Costs</b>	<b>1,031,702.37</b>	<b>1,035,953.00</b>	<b>-4,250.63</b>	<b>99.59%</b>	<b>1,035,953.00</b>

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

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PREVIOUSLY REPORTED ACTIONS (Descending Order)  
None

OBMP ENGINEERING SERVICES AND LEGAL COSTS

CURRENT MONTH – JUNE 2020

Reviewing in total the OBMP Engineering Services and Legal Costs (consolidating the five categories of OBMP Watermaster Staff and SAWPA, OBMP Engineering Services, OBMP Legal Costs, OBMP Update Costs, and OBMP Other Expenses) for the twelve months ending June 30, 2020, the actual expenses of \$2,329,974 were above the budgeted amount of \$2,265,515 by \$64,459 or 2.8%. For a detailed discussion, the following is provided.

For June 30, 2020, the accounts 6901-6903 (Optimum Basin Mgmt. Program) section was above the Year-To-Date (YTD) budget by \$90,393 or 59.2%. Watermaster utilizes an in-house database time and attendance system to record and document staff's actual hours worked and also allocates those hours to a specific project or activity. Watermaster staff time could be charged to Administrative, OBMP, or Implementation Project categories. Recently, Watermaster staff spent 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 \$101,753 or 80.5%. 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 43.1% below budget as of June 30, 2020.

For June 30, 2020, the accounts 6906 (Optimum Basin Mgmt. Program Engineering Services) section was below the Year-To-Date (YTD) budget by \$2,871 or 0.2%. The majority of expenses within this OBMP category were under budget (YTD), however, the accounts which were over budget were as follows: the 2019 OBMP Update expenses (6906.26) which were over budget by \$83,837 or 21.6%; and the OBMP-Safe Yield Recalculation expenses (6906.73) which were over budget by \$128,659 or 39.3%.

Within the category 6907 (Optimum Basin Mgmt. Program Legal Fees) are the remaining Brownstein Hyatt Farber Schreck (BHFS) Watermaster's legal expenses. Budget Transfer (Form T-20-06-01) included the BHFS Legal Services budget (account 6907.47) requiring an additional funding of \$33,000 which was reallocated from various administration related accounts which increased the total FY 2019/20 BHFS Legal Services budget from \$958,953 to \$1,035,953. Within the legal expense category, some individual line item activities were above the budget by \$251,283 while some other line item activities were below the budget by \$252,063. Above the budget line item were the Santa Ana River Water Rights expenses of \$1,855; the OBMP Update expenses of \$218,725; the Upper SAR Integrated Model expenses of \$267; and the 2020 Safe Yield Reset expenses (6907.47) of \$30,436. The individual legal projects/activities that were below budget for the Year-To-Date (YTD) period were the Archibald South Plume of \$13,125; the Chino Airport Plume of \$13,125; the Desalter/Hydraulic Control of \$23,536; Santa Ana River Habitat of \$44,302; the Regional Water Quality Control Board of \$26,837; the Recharge Master Plan expenses of \$14,750; Storage Agreements of \$33,311; the Prado Basin Habitat Sustainability of \$12,777; SGMA Compliance of \$9,825; the Ely Basin Investigation expenses of \$28,525; and the WM Unanticipated legal expenses of \$31,950. For the twelve months ended June 30, 2020, the overall cumulative (YTD) budget was \$533,125 and the actual (BHFS) legal expenses totaled \$532,344 which resulted in an under-budget variance of \$781 or 0.1%.

The OBMP Update Costs (6908.1) were below the budget for the month. These expenses relate to the OBMP Update costs for the contract between Tom Dodson and Associates and CBWM to procure environmental review services for the 2020 OBMP Update. This budget was funded through Budget Amendment A-19-12-01 in the amount of \$225,500. Budget Amendment A-19-12-01 was adopted by the Board on December 19, 2019. As of June 30, 2020, this category of expenses was \$18,221 or 8.1% below the budgeted amount of \$225,500.

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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 June 30, 2020, this category of expenses was \$4,060 or 47.8% below the budgeted amount of \$8,500.

Overall, the Optimum Basin Management Program (OBMP) category was \$2,329,974 compared to a (YTD) budget of \$2,265,515 for an over budget of \$64,459 or 2.8% as of June 30, 2020.

The table listed below summarizes the Optimum Basin Management Program (OBMP) expenses as of June 30, 2020 compared to the Year-To-Date (YTD) budget. Please be advised that the "\$ Over Budget" and the "% of Budget" columns are a comparison of the (YTD) Actual to the (YTD) Budget, not the 12-month Annual Budget. The 12-month Annual Budget column is presented only to provide the data in a full and complete format. The following details are provided:

	Jul '19 - Jun '20 Actual	Jul '19 - Jun '20 Budget	\$ Over Budget	% of Budget	FY 2019/20 Annual Budget
<b>6900 · Optimum Basin Mgmt Plan</b>					
6901 · WM Staff Salaries	228,113.24	126,360.00	101,753.24	180.53%	126,360.00
6903 · OBMP SAWPA Group	15,032.00	26,392.00	-11,360.00	56.96%	26,392.00
<b>Total 6901-6903 · OBMP WM Staff/SAWPA</b>	<b>243,145.24</b>	<b>152,752.00</b>	<b>90,393.24</b>	<b>159.18%</b>	<b>152,752.00</b>
<b>6906 · OBMP Engineering Services</b>					
6906.1 · OBMP - Watermaster Model Update	1,541.70	4,280.00	-2,738.30	36.02%	4,280.00
6906.15 · Integrated Model Mtgs. - IEUA Costs	8,496.90	20,880.00	-12,383.10	40.69%	20,880.00
6906.17 · Planning Study Analysis	5,934.50	11,826.00	-5,891.50	50.18%	11,826.00
6906.18 · Prado Dam FS/EIS/EIR-50% IEUA	0.00	18,560.00	-18,560.00	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	20,664.00	-9,277.45	55.1%	20,664.00
6906.23 · SGMA Reporting Requirements	7,721.10	13,590.00	-5,868.90	56.82%	13,590.00
6906.24 · Compliance - SB88 and SWRCB	3,752.30	8,444.00	-4,691.70	44.44%	8,444.00
6906.26 · 2019 OBMP Update	472,732.87	388,896.00	83,836.87	121.56%	388,896.00
6906.27 · HCP Meetings/Tech. Review-IEUA Cost	0.00	15,130.00	-15,130.00	0.0%	15,130.00
6906.28 · Agriculture Prod. & Estimation	1,730.10	23,220.00	-21,489.90	7.45%	23,220.00
6906.31 · OBMP - Pool, Advisory, Board Mtgs.	88,657.92	103,374.00	-14,716.08	85.76%	103,374.00
6906.32 · OBMP - Other General Meetings	78,886.30	84,853.00	-5,966.70	92.97%	84,853.00
6906.71 · OBMP - Data Requests - CBWM Staff	108,831.20	126,964.00	-18,132.80	85.72%	126,964.00
6906.72 · OBMP - Data Requests - Non CBWM	41,195.69	50,980.00	-9,784.31	80.81%	50,980.00
6906.73 · OBMP - Safe Yield Recalculation	455,267.37	326,608.00	128,659.37	139.39%	326,608.00
6906.74 · OBMP - Mat'l Phy. Injury Requests	12,994.60	74,977.00	-61,982.40	17.33%	74,977.00
6906.81 · Prepare Annual Reports	10,220.20	15,416.00	-5,195.80	66.3%	15,416.00
6906 · OBMP Engineering Services - Other	33,417.48	36,976.00	-3,558.52	90.38%	36,976.00
<b>Total 6906 · OBMP Engineering Services</b>	<b>1,342,766.78</b>	<b>1,345,638.00</b>	<b>-2,871.22</b>	<b>99.79%</b>	<b>1,345,638.00</b>
<b>6907 · OBMP Legal Fees</b>					
6907.3 · WM Legal Counsel					
6907.31 · Archibald South Plume	0.00	13,125.00	-13,125.00	0.0%	13,125.00
6907.32 · Chino Airport Plume	0.00	13,125.00	-13,125.00	0.0%	13,125.00
6907.33 · Desalter/Hydraulic Control	89.10	23,625.00	-23,535.90	0.38%	23,625.00
6907.34 · Santa Ana River Water Rights	18,129.60	16,275.00	1,854.60	111.4%	16,275.00
6907.36 · Santa Ana River Habitat	3,048.30	47,350.00	-44,301.70	6.44%	47,350.00
6907.38 · Reg. Water Quality Cntrl Board	712.80	27,550.00	-26,837.20	2.59%	27,550.00
6907.39 · Recharge Master Plan	6,949.83	21,700.00	-14,750.17	32.03%	21,700.00
6907.40 · Storage Agreements	89.10	33,400.00	-33,310.90	0.27%	33,400.00
6907.41 · Prado Basin Habitat Sustainability	3,472.65	16,250.00	-12,777.35	21.37%	16,250.00
6907.42 · Safe Yield Recalculation	0.00	0.00	0.00	0.0%	0.00
6907.44 · SGMA Compliance	1,024.65	10,850.00	-9,825.35	9.44%	10,850.00
6907.45 · OBMP Update	326,924.81	108,200.00	218,724.81	302.15%	108,200.00
6907.46 · Upper SAR Integrated Model	267.30	0.00	267.30	100.0%	0.00
6907.47 · 2020 Safe Yield Reset	171,636.07	141,200.00	30,436.07	121.56%	141,200.00
6907.48 · Ely Basin Investigation	0.00	28,525.00	-28,525.00	0.0%	28,525.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	31,950.00	-31,950.00	0.0%	31,950.00
<b>Total 6907 · WM Legal Counsel</b>	<b>532,344.21</b>	<b>533,125.00</b>	<b>-780.79</b>	<b>99.85%</b>	<b>533,125.00</b>
<b>Total 6907 · OBMP Legal Fees</b>	<b>532,344.21</b>	<b>533,125.00</b>	<b>-780.79</b>	<b>99.85%</b>	<b>533,125.00</b>
<b>6908 · OBMP Updates</b>					
6908.1 · 2020 OBMP Update-Dodson & Assoc.	207,278.52	225,500.00	-18,221.48	91.92%	225,500.00
<b>Total 6908 · OBMP Updates</b>	<b>207,278.52</b>	<b>225,500.00</b>	<b>-18,221.48</b>	<b>91.92%</b>	<b>225,500.00</b>
<b>6909 · OBMP Other Expenses</b>					
6909.1 · OBMP Meetings	3,203.52	1,500.00	1,703.52	213.57%	1,500.00
6909.3 · Other OBMP Expenses	1,236.00	2,000.00	-764.00	61.8%	2,000.00
6909.6 · OBMP Expenses - Miscellaneous	0.00	5,000.00	-5,000.00	0.0%	5,000.00
6909 · OBMP Other Expenses - Other	0.00	0.00	0.00	0.0%	0.00
<b>Total 6909 · OBMP Other Expenses</b>	<b>4,439.52</b>	<b>8,500.00</b>	<b>-4,060.48</b>	<b>52.23%</b>	<b>8,500.00</b>
<b>Total 6900 · Optimum Basin Mgmt Plan</b>	<b>2,329,974.27</b>	<b>2,265,515.00</b>	<b>64,459.27</b>	<b>102.85%</b>	<b>2,265,515.00</b>

PREVIOUSLY REPORTED ACTIONS (Descending Order)

None

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

CURRENT MONTH – JUNE 2020

As of June 30, 2020, the total (YTD) Engineering Services expenses were \$385,140 or 13.5% below the (YTD) budget amount of \$2,858,795. The OBMP Implementation Projects (consolidated accounts 7100's – 7700's) were all under budget as of June 30, 2020, except for the Hydraulic Control-Laboratory Services expenses (7108.4) which were over budget by \$11,210 or 129.8%; the PE4-Engineering expenses (7402) which were over budget by \$2,947 or 26.6%; and the PE6&7-SAWBMP Task Force-50% IEUA expenses (7511) which were over budget by \$7,940 or 44.6%.

Watermaster does not plan to present any Budget Transfers or Budget Amendments at this time for the Engineering Services.

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 final year-end report as of June 30, 2020 showed the total Engineering Services expenses under budget by \$385,141 and of that balance, \$331,155 would be "Carried-Over" into the FY 2020/21 budget.

Table 1  
Chino Basin Watermaster: Budget Summary for Engineering Tasks for Fiscal Year 2019/20  
As of June 30, 2020

Acct #	Description	Original Budget	Revised Budget	Total Previously Billed	IEUA Cost Share Previously Billed	Watermaster Previously Billed	Total June Invoices	IEUA Cost Share June Invoices	GRCC June Invoices	Watermaster June Invoices	Watermaster Total Billed	Requested Carryover to FY 2020/21	Under / (Over) Revised Budget
6906	OBMP Engineering	\$ 575,564	\$ 575,564	\$ 381,826	\$ -	\$ 381,826	\$ 24,444	\$ -	\$ -	\$ 24,444	\$ 406,270	23,220 (1)	\$ 146,074
6906.25	2020 OBMP Update	388,896	388,896	452,177	-	452,177	8,587	-	-	8,587	470,764	46,236 (2)	(128,104)
6906.73	2021 Safe Yield Recalculation	276,608	276,608	439,955	-	439,955	7,145	-	-	7,145	447,100	-	(170,492)
6906.15	IEUA - Integrated Model Meetings and Technical R	20,880	20,880	14,690	7,345	7,345	2,304	1,152	-	1,152	8,497	-	12,383
6907.16	IEUA - CBP Evaluation and Conceptual Design Stu	-	-	128,876	-	128,876	11,205	11,205	-	-	-	-	-
6906.27	IEUA - HCP Meetings and Technical Review	15,130	15,130	-	-	-	-	-	-	-	-	-	15,130
6906.18	OCWD and Army Corps of Engineers Prado Dam	18,560	18,560	-	-	-	-	-	-	-	-	-	18,560
7103.3	GW and SW Quality - Engineering Services	217,941	217,941	185,775	-	185,775	9,025	-	-	9,025	194,800	-	23,141
7103.5	GW and SW Quality - Laboratory Services	92,709	92,709	84,071	-	84,071	1,050	-	-	1,050	85,121	-	7,588
7104.3	GW Level - Engineering Services	195,869	195,869	112,435	-	112,435	12,077	-	-	12,077	124,512	-	71,357
7104.8	GW Level - Contract Services	10,000	10,000	57	-	57	-	-	-	-	57	-	9,943
7104.9	GW Level - Capital Services	8,000	8,000	1,013	-	1,013	16,560	-	-	16,560	17,573	-	(9,573)
7107.2	Ground Level - Engineering Services	69,937	99,269	45,316	-	45,316	8,546	-	-	8,546	53,862	27,401 (3)	18,007
7107.3	Ground Level - SAR Imagery	86,752	86,752	12,000	-	12,000	-	-	-	-	12,000	-	74,752 (4)
7107.6	Ground Level - Contract Services	117,050	126,950	81,988	-	81,988	-	-	-	-	81,988	44,962 (5)	-
7107.8	Ground Level - Capital Equipment	13,044	13,044	2,082	-	2,082	-	-	-	-	2,082	-	10,962
7108.31	IEUA - Prado Basin Habitat Monitoring	74,066	74,066	124,479	62,239	62,239	9,867	4,934	-	4,934	67,173	-	6,893
7108.6	IEUA - PBHSP - Outside Pro	28,000	28,000	44,153	22,077	22,077	-	-	-	-	22,077	-	5,924
7109.3	Recharge & Well Monitoring - Engineering Serv.	25,260	25,260	25,276	-	25,276	-	-	-	-	25,276	-	(16)
7202.2	Comp Recharge - Engineering Services	47,608	47,608	12,233	-	12,233	353	-	-	353	12,586	-	35,022
7206.1	GRCC & IEUA - OB88 Specification to Ensure Com	-	-	21,851	10,925	10,925	5,132	2,566	-	-	-	-	-
7303	OBMP - Engineering Services - Desalters	10,160	10,160	7,827	-	7,827	1,667	-	-	1,667	9,493	-	667
7402	OBMP - Engineering Services - MZ1	111,036	111,036	110,002	-	110,002	3,980	-	-	3,980	113,983	4,342 (7)	(7,288)
7402.1	OBMP - Engineering Services - Northwest MZ1	7,500	204,261	144,104	-	144,104	9,020	-	-	9,020	153,124	50,852 (8)	285
7502	OBMP - Engineering Services - WQC	92,720	92,720	88,062	-	88,062	-	-	-	-	88,062	-	4,658
7510	IEUA - Update Recycled Water Permit - Salinity	-	77,136	95,208	53,081	42,127	18,942	9,546	-	9,396	51,523	59,390 (9)	(33,777)
7511	As requested services to support Watermaster and	17,792	17,792	25,301	-	25,301	432	-	-	432	25,732	-	(7,940)
7512	IEUA - Tenniall Recomputation of Ambient Water	24,584	24,584	-	-	-	-	-	-	-	-	-	24,584
<b>Totals</b>		<b>\$2,545,666</b>	<b>\$2,858,795</b>	<b>\$2,650,756</b>	<b>\$ 284,543</b>	<b>\$ 2,366,213</b>	<b>\$ 150,335</b>	<b>\$ 29,402</b>	<b>\$ 2,566</b>	<b>\$ 118,367</b>	<b>\$ 2,473,655</b>	<b>\$ 331,154</b>	<b>\$ 53,986</b>

Note: Billed includes IEUA laboratory invoices paid directly by Watermaster.

- (1) Carryover budget to FY2020/21 to finish the Agriculture Production and Estimation work. Per the budget, in FY2020/21 this work will be under 7111.3.
- (2) Carryover budget to FY2020/21 to finish the 2020 OBMP Update work which was scheduled for FY2019/20
- (3) Carryover budget to FY2020/21 to perform GL surveys for the long-term pumping test and injection test
- (4) Carryover budget to FY2020/21 related to the InSAR data purchase
- (5) Carryover budget to FY2020/21 for the GL surveyor to finalize processing data
- (6) Carryover budget to FY2020/21 to finalize the 8888 Specification to Ensure Compliance. The total carryover budget of \$111,587 will be split 50/50 between GRCC and IEUA
- (7) Carryover budget to FY2020/21 to finalize data analysis and reporting
- (8) Carryover budget to FY2020/21 to finalize implementation of the Northwest MZ-1 monitoring program
- (9) Carryover budget to FY2020/21 to finalize the FY2019/20 portion of the Salinity project. Watermaster's portion of the total carryover budget of \$155,024 is \$59,390

7/13/2020--2:09 PM  
2019-2020BWM\_Invoice\_Summary\_ISBM\_20200706--Budget Summary - v2 CO



The explanations regarding the Carry-Over amount of \$331,155 from FY 2019/20 to the FY 2020/21 budget is provided as follows:

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1. Agriculture Production and Estimation (Account 6908.28 for FY 2019/20 and Account #7110.3 for FY 2020/21): \$23,220. WEI requested this carryover budget to complete the Agriculture Production and Estimation work that was originally scheduled to be performed in FY 2019/20, but was pushed to FY 2020/21 as per the FY 2020/21 budget.
2. 2020 OBMP Update (Account 6906.26): \$46,236. The FY2020/21 budget assumed the drafting sessions for the OBMP Implementation Plan (IP) would be completed in FY 2019/20. WEI requested to carryover the unspent portion of the FY2019/20 revised budget to complete the IP drafting sessions.
3. Ground Level – Engineering Services (Account 7107.2): \$27,401. The City of Chino Hills did not perform the long-term pumping and injection tests included in the FY2019/20 budget as recommended by the Ground-Level Monitoring Committee. WEI requested this carryover to support the logistics, data collection, and analysis of data from the long-term pumping and injection tests, if these tests are performed by the City in FY2020/21.
4. Ground Level – SAR Imagery (Account 7107.3): \$74,752. WEI requested this carryover budget associated with the purchase of satellite data and the processing of the data for displacement measurement. The work was completed in FY2019/20, but the invoice has yet to be received from the subcontractor.
5. Ground Level – Contract Services (Account 7107.6): \$44,962. WEI requested this carryover budget for the Ground Level surveyor to finalize the processing of the data collected in FY2019/20. These delays sometimes occur because the surveying occurs near the end of the fiscal year.
6. OBMP – Engineering Services – MZ1 (Account 7402): \$4,342. WEI requested this carryover budget to finalize the figures for the Annual Report of the Ground-Level Monitoring Committee which will be published in FY2020/21. It is typical for this work to be carried over due to delays in receiving data from land subsidence subcontractors.
7. OBMP – Engineering Services – Northwest MZ1 (Account 7402.1): \$50,852. WEI requested this carryover budget to finalize the implementation of the Northwest MZ-1 monitoring program, including the final setup and testing of monitoring equipment at the Pomona Extensometer which was delayed due to COVID-19.
8. IEUA – Update Recycled Water Permit – Salinity (Account 7510): \$155,924 (Watermaster's portion is \$59,390). WEI requested this carryover budget to continue the 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 and now is scheduled to be completed in December 2020.

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 June 30, 2020. 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 - Jun '20	Jul '19 - Jun '20			FY 2019/20
	Actual	Budget	\$ Over Budget	% of Budget	Annual Budget
6906 · OBMP Engineering Services - Other	33,417.48	36,976.00	-3,558.52	90.38%	36,976.00
6906.1 · OBMP - Watermaster Model Update	1,541.70	4,280.00	-2,738.30	36.02%	4,280.00
6906.15 · Integrated Model Mtgs-IEUA Cost	8,496.90	20,880.00	-12,383.10	40.69%	20,880.00
6906.17 · Planning Study Analysis	5,934.50	11,826.00	-5,891.50	50.18%	11,826.00
6906.18 · Prado Dam FS/EIS/EIR-50% IEUA	0.00	18,560.00	-18,560.00	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	20,664.00	-9,277.45	55.1%	20,664.00
6906.23 · SGMA Reporting Requirements	7,721.10	13,590.00	-5,868.90	56.82%	13,590.00
6906.24 · Compliance - SB88 and SWRCB	3,752.30	8,444.00	-4,691.70	44.44%	8,444.00
6906.26 · 2019 OBMP Update	472,732.87	388,896.00	83,836.87	121.56%	388,896.00
6906.27 · HCP Meetings/Technical Review-IEUA Cos	0.00	15,130.00	-15,130.00	0.0%	15,130.00
6906.28 · Agriculture Prod. & Estimation	1,730.10	23,220.00	-21,489.90	7.45%	23,220.00
6906.31 · OBMP - Pool, Advisory, Board Mtgs.	88,657.92	103,374.00	-14,716.08	85.76%	103,374.00
6906.32 · OBMP - Other General Meetings	78,886.30	84,853.00	-5,966.70	92.97%	84,853.00
6906.71 · OBMP - Data Requests - CBWM Staff	108,831.20	126,964.00	-18,132.80	85.72%	126,964.00
6906.72 · OBMP - Data Requests - Non CBWM	41,195.69	50,980.00	-9,784.31	80.81%	50,980.00
6906.73 · OBMP - Safe Yield Recalculation	455,267.67	326,608.00	128,659.67	139.39%	326,608.00
6906.74 · OBMP - Mat'l Physical Injury Requests	12,994.60	74,977.00	-61,982.40	17.33%	74,977.00
6906.76 · County Extraction Well-Modeling	0.00	0.00	0.00	0.0%	0.00
6906.81 · Prepare Annual Reports	10,220.20	15,416.00	-5,195.80	66.3%	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	195,195.69	217,941.00	-22,745.31	89.56%	217,941.00
7103.5 · Grdwtr Qual-Lab Svcs	60,876.00	69,045.00	-8,169.00	88.17%	69,045.00
7104.3 · Grdwtr Level-Engineering	125,460.55	145,869.00	-20,408.45	86.01%	145,869.00
7104.8 · Grdwtr Level-Contracted Services	0.00	10,000.00	-10,000.00	0.0%	10,000.00
7104.9 · Grdwtr Level-Capital Equipment	5,113.87	8,000.00	-2,886.13	63.92%	8,000.00
7107.2 · Grd Level-Engineering	46,929.99	101,021.00	-54,091.01	46.46%	101,021.00
7107.3 · Grd Level-SAR Imagery	12,000.00	85,000.00	-73,000.00	14.12%	85,000.00
7107.6 · Grd Level-Contract Svcs	91,002.38	126,850.00	-35,847.62	71.74%	126,850.00
7107.8 · Grd Level-Capital Equipment	0.00	13,044.00	-13,044.00	0.0%	13,044.00
7108.31 · Hydraulic Control-PBHSP	67,167.87	74,066.00	-6,898.13	90.69%	74,066.00
7108.4 · Hydraulic Control-Lab Svcs	19,848.00	8,638.00	11,210.00	229.78%	8,638.00
7108.41 · Hydraulic Control-PBHSP	3,362.00	15,026.00	-11,664.00	22.38%	15,026.00
7108.6 · Hydraulic Control-Outside Professionals	24,153.00	28,000.00	-3,847.00	86.26%	28,000.00
7109.3 · Recharge & Well - Engineering	25,275.65	25,360.00	-84.35	0.0%	25,360.00
7202.2 · Comp Recharge-Engineering Services	12,585.56	47,608.00	-35,022.44	26.44%	47,608.00
7303 · PE3&5-Engineering - Other	9,493.20	10,160.00	-666.80	93.44%	10,160.00
7402 · PE4-Engineering	113,982.53	111,036.00	2,946.53	102.65%	111,036.00
7402.10 · PE4-MZ1 Pomona Project	153,124.09	204,261.00	-51,136.91	74.97%	204,261.00
7403 · PE4-Contract Svcs	0.00	0.00	0.00	0.0%	0.00
7502 · PE6&7-Engineering	88,062.00	92,720.00	-4,658.00	94.98%	92,720.00
7510 · PE6&7-IEUA Salinity Mgmt. Plan	51,523.04	77,136.00	-25,612.96	66.8%	77,136.00
7511 · PE6&7-SAWBMP Task Force-50% IEUA	25,732.36	17,792.00	7,940.36	144.63%	17,792.00
7512 · PE6&7-Recomputation WQ-50% IEUA	0.00	24,584.00	-24,584.00	0.0%	24,584.00
7602 · PE8&9-Engineering	0.00	0.00	0.00	0.0%	0.00
<b>Total Engineering Services Costs</b>	<b>2,473,654.86</b>	<b>2,858,795.00</b>	<b>-385,140.14</b>	<b>86.53%</b>	<b>2,858,795.00 *</b>

\* 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)

March 2020:

The First Amendment to Task Order No. 1 Under Master Agreement Regarding the Management of Collaborative Projects (Salinity Management) was unanimously approved by the Advisory Committee on March 19, 2020 and approved unanimously by the Board on March 26, 2020. As reported within the

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Financial Impact section of the Staff Report, "The total increase for Watermaster costs to complete the project is \$97,925. A budget amendment will be required to cover the \$33,776 for the remainder of the FY 19/20 and the remaining project costs of \$59,076 and \$43,186 for contingency and environmental review will be budgeted for FY 20/21". Watermaster is not submitting a Budget Amendment Form in the amount of \$33,776 at the present time. Over the next few months, as Watermaster gets closer to the June 30, 2020 fiscal year closing, under budget variances within the Engineering Services budget could allow for a Budget Transfer to fund the shortfall amount of \$33,776 instead of a Budget Amendment. A Budget Transfer reallocates the existing FY 2019/20 approved budget, which does not increase the approved budget amount. A Budget Amendment would reallocate funding from the OBMP Reserve Fund, and does increase the overall FY 2019/20 approved budget.

The Fiscal Year 2020/21 Progress and Estimated Cost at Completion for the Period July 1, 2019 through March 31, 2020 report from Wildermuth Environmental, Inc. is provided. Please access this link:

<https://cbwm.syncedtool.com/shares/file/3ccfdc76efa4d6/?modal=1>

The third quarter ECAC report (for the months July 2019 - March 31, 2020) is listed below:

Attachment 1a  
Chino Basin Watermaster: Invoice Projections for Engineering Tasks for Fiscal Year 2019/20  
As of March 31, 2020

Acct #	Description	Original Budget	Revised Budget	Billed Jul-19	Billed Aug-19	Billed Sep-19	Billed Oct-19	Billed Nov-19	Billed Dec-19	Billed Jan-20
6906	OBMP Engineering	\$ 575,564	\$ 575,564	\$ 31,137	\$ 27,491	\$ 31,283	\$ 30,883	\$ 36,382	\$ 35,211	\$ 57,631
6906.26	2020 OBMP Update	388,896	388,896	97,717	79,904	36,998	58,850	74,228	52,604	30,556
6906.73	2021 Safe Yield Recalculation	276,608	276,608	53,973	53,420	40,271	29,861	30,125	32,111	40,755
6906.15	IEUA - Integrated Model Meetings and Technical	20,880	20,880	9,514	-	813	-	-	-	-
6907.16	IEUA - CBP Evaluation and Conceptual Design S	-	-	5,789	1,943	11,842	17,476	1,599	8,017	1,705
6906.27	IEUA - HCP Meetings and Technical Review	15,130	15,130	-	-	-	-	-	-	-
6906.18	OCWD and Army Corps of Engineers Prado Dam	18,560	18,560	-	-	-	-	-	-	-
7103.3	GW and SW Quality - Engineering Services	217,941	217,941	19,922	37,873	17,263	17,604	11,204	8,566	20,004
7103.5	GW and SW Quality - Laboratory Services	92,709	92,709	4,532	26,015	26,516	15,784	-	7,810	332
7104.3	GW Level - Engineering Services	195,869	195,869	12,723	4,405	16,462	13,364	10,523	11,769	11,443
7104.8	GW Level - Contract Services	10,000	10,000	38	-	-	-	-	-	-
7104.9	GW Level - Capital Services	8,000	8,000	(7)	-	-	1,020	-	-	-
7107.2	Ground Level - Engineering Services	69,937	99,269	11,421	4,069	2,091	2,790	1,956	2,613	1,594
7107.30	Ground Level - SAR Imagery	86,752	86,752	12,000	-	-	-	-	-	-
7107.6	Ground Level - Contract Services	117,050	126,950	5,175	-	-	-	-	-	-
7107.8	Ground Level - Capital Equipment	13,044	13,044	520	132	89	-	83	85	133
7108.31	IEUA - Prado Basin Habitat Monitoring	74,066	74,066	1,380	1,402	635	1,704	2,060	9,232	21,097
7108.6	IEUA - PBHSP - Outside Pro	28,000	28,000	40,000	-	4,153	-	-	-	-
7109.3	Recharge & Well Monitoring - Engineering Serv.	25,260	25,260	-	3,010	-	-	5,030	-	-
7202.2	Comp Recharge - Engineering Services	47,608	47,608	1,162	386	1,266	1,624	1,036	294	1,011
7206	GRCC & IEUA - SB88 Specification to Ensure Co	-	-	-	-	7,446	95	80	-	59
7303	OBMP - Engineering Services - Desalters	10,160	10,160	-	-	-	-	-	-	-
7402	OBMP - Engineering Services - MZ1	111,036	111,036	20,871	39,892	19,924	3,011	1,205	2,170	3,342
7402.1	OBMP - Engineering Services - Northwest MZ1	7,500	204,261	6,111	15,243	19,947	7,879	17,895	21,601	10,034
7502	OBMP - Engineering Services - WQC	92,720	92,720	-	12,281	38,465	5,595	-	-	-
7510	IEUA - Update Recycled Water Permit - Salinity	-	77,136	3,595	601	4,320	12,634	533	3,878	771
7511	IEUA - As requested services to support Waterma	17,792	17,792	-	1,592	1,178	6,162	6,117	666	4,131
7512	IEUA - Triennial Recomputation of Ambient Water	24,584	24,584	-	-	-	-	-	-	-
<b>Totals</b>		<b>\$ 2,545,666</b>	<b>\$ 2,858,795</b>	<b>\$ 337,571</b>	<b>\$ 309,660</b>	<b>\$ 280,961</b>	<b>\$ 226,338</b>	<b>\$ 200,055</b>	<b>\$ 196,677</b>	<b>\$ 204,596</b>

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2019-20CBWM\_Invoice\_Summary\_ISBM\_20200406--Projection Summary



*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 2019/20  
As of March 31, 2020

Acct #	Description	Billed Feb-20	Billed 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	\$ 37,771	\$ 37,839	\$ 30,721	\$ 49,961	\$ 49,961	\$ 456,071	\$ 456,071	\$ 119,493	57%	79%
6906.26	2020 OBMP Update	11,208	11,948	500	18,750	6,750	480,009	480,009	(91,113)	117%	123%
6906.73	2021 Safe Yield Recalculation	39,967	-	57,286	58,000	-	436,769	436,769	(159,161)	116%	158%
6906.15	IEUA - Integrated Model Meetings and Technical	1,355	-	2,000	2,000	2,000	17,682	8,841	12,039	56%	42%
6907.16	IEUA - CBP Evaluation and Conceptual Design S	8,835	31,624	39,442	39,442	39,442	207,155	-	-	n/a	n/a
6906.27	IEUA - HCP Meetings and Technical Review	-	-	3,362	3,362	3,362	10,086	5,043	10,087	0%	33%
6906.18	OCWD and Army Corps of Engineers Prado Dam	-	-	-	-	-	-	-	18,560	0%	0%
7103.3	GW and SW Quality - Engineering Services	13,447	13,545	14,750	11,298	18,000	203,476	203,476	14,465	73%	93%
7103.5	GW and SW Quality - Laboratory Services	-	-	2,750	-	1,850	85,589	85,589	7,120	87%	92%
7104.3	GW Level - Engineering Services	6,853	10,574	11,784	16,786	25,028	151,743	151,743	44,126	50%	77%
7104.8	GW Level - Contract Services	-	19	-	-	7,000	7,067	7,067	2,943	1%	71%
7104.9	GW Level - Capital Services	-	-	-	16,000	-	17,013	17,013	(9,013)	13%	213%
7107.2	Ground Level - Engineering Services	6,716	5,467	8,325	7,373	31,072	85,487	85,487	13,782	39%	86%
7107.3	Ground Level - SAR Imagery	-	-	74,752	-	-	86,752	86,752	-	14%	100%
7107.6	Ground Level - Contract Services	-	-	100,000	17,050	4,725	126,950	126,950	-	4%	100%
7107.8	Ground Level - Capital Equipment	84	159	1,000	1,000	600	3,886	3,886	9,158	10%	30%
7108.31	IEUA - Prado Basin Habitat Monitoring	16,078	10,497	48,450	26,900	12,850	152,286	76,143	(2,077)	87%	103%
7108.6	IEUA - PBHSP - Outside Pro	-	-	-	-	-	44,153	22,077	5,924	156%	79%
7109.3	Recharge & Well Monitoring - Engineering Serv.	5,312	4,497	5,500	4,000	-	27,349	27,349	(2,089)	71%	108%
7202.2	Comp Recharge - Engineering Services	2,371	1,878	800	2,300	800	14,930	14,930	32,678	23%	31%
7206.1	GRCC & IEUA - SB88 Specification to Ensure Co	1,422	3,924	7,800	21,800	95,945	138,570	-	-	n/a	n/a
7303	OBMP - Engineering Services - Desalters	1,292	4,962	1,000	1,400	1,500	10,155	10,155	6	62%	100%
7402	OBMP - Engineering Services - MZ1	6,266	5,816	2,100	5,815	7,100	119,510	119,510	(8,474)	94%	108%
7402.1	OBMP - Engineering Services - Northwest MZ1	3,793	21,849	17,000	21,000	40,645	202,967	202,967	1,264	61%	96%
7502	OBMP - Engineering Services - WQC	2,443	21,522	7,832	2,500	1,900	92,538	92,538	182	87%	100%
7510	IEUA - Update Recycled Water Permit - Salinity	21,508	14,998	27,724	55,000	124,510	270,073	110,913	(33,776)	81%	144%
7511	As requested services to support Watermaster an	889	1,118	2,500	1,483	2,355	28,355	28,355	(10,563)	123%	156%
7512	IEUA - Triennial Recomputation of Ambient Water	-	-	-	-	-	-	-	24,584	0%	0%
<b>Totals</b>		<b>\$ 189,608</b>	<b>\$ 202,035</b>	<b>\$ 467,378</b>	<b>\$ 384,237</b>	<b>\$ 476,523</b>	<b>\$ 3,475,638</b>	<b>\$ 2,858,650</b>	<b>\$ 145</b>	<b>75%</b>	<b>100%</b>

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

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2019-20CBWM\_Invoice\_Summary\_ISBM\_20200406--Projection Summary



December 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 second ECAC report for the current fiscal year has been provided for the period ending December 31, 2019 and shows a projected under budget at fiscal year-end June 30, 2020 of \$60,446.

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

**Attachment 1a**  
**Chino Basin Watermaster: Invoice Projections for Engineering Tasks for Fiscal Year 2018/19**  
**As of December 31, 2019**

Acct #	Description	Original Budget	Revised Budget	Billed Jul-19	Billed Aug-19	Billed Sep-19	Billed Oct-19	Billed Nov-19	Billed Dec-19	Projected Jan-20
6906	OBMP Engineering	\$ 575,564	\$ 575,564	\$ 31,137	\$ 27,491	\$ 31,283	\$ 30,883	\$ 36,382	\$ 35,211	\$ 63,393
6906.26	2020 OBMP Update	388,896	388,896	97,717	79,904	36,998	58,850	74,228	52,604	20,000
6906.73	2021 Safe Yield Recalculation	276,608	276,608	53,973	53,420	40,271	29,861	30,125	32,111	40,000
6906.15	IEUA - Integrated Model Meetings and Technical	20,880	20,880	9,514	-	813	-	-	-	2,000
6907.16	IEUA - CBP Evaluation and Conceptual Design S	-	-	5,789	1,943	11,842	17,476	1,599	8,017	30,000
6906.27	IEUA - HCP Meetings and Technical Review	15,130	15,130	-	-	-	-	-	-	-
6906.18	OCWD and Army Corps of Engineers Prado Dam	18,560	18,560	-	-	-	-	-	-	9,280
7103.3	GW and SW Quality - Engineering Services	217,941	217,941	19,922	37,873	17,263	17,604	11,204	8,566	27,600
7103.5	GW and SW Quality - Laboratory Services	92,709	92,709	4,532	26,015	26,516	15,784	-	7,810	1,634
7104.3	GW Level - Engineering Services	195,869	195,869	12,723	4,405	16,462	13,364	10,523	11,799	14,240
7104.8	GW Level - Contract Services	10,000	10,000	38	-	-	-	-	-	-
7104.9	GW Level - Capital Services	8,000	8,000	(7)	-	-	1,020	-	-	-
7107.2	Ground Level - Engineering Services	69,937	99,269	11,421	4,069	2,091	2,790	1,956	2,613	9,676
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	-	83	85	150
7108.31	IEUA - Prado Basin Habitat Monitoring	74,066	74,066	1,380	1,402	635	1,704	2,060	9,232	32,990
7108.6	IEUA - PBHSP - Outside Pro	28,000	28,000	40,000	-	-	-	-	-	-
7109.3	Recharge & Well Monitoring - Engineering Serv.	25,260	25,260	-	3,010	-	-	5,030	-	-
7202.2	Comp Recharge - Engineering Services	47,608	47,608	1,162	386	1,266	1,624	1,036	294	4,879
7206	GRCC & IEUA - SB88 Specification to Ensure Co	-	-	-	-	7,446	95	80	-	21,800
7303	OBMP - Engineering Services - Desalters	10,160	10,160	-	-	-	-	-	-	847
7402	OBMP - Engineering Services - MZ1	111,036	111,036	20,871	39,892	19,924	3,011	1,205	2,170	1,716
7402.1	OBMP - Engineering Services - Northwest MZ1	7,500	204,261	6,111	15,243	19,947	7,879	17,895	21,601	15,800
7502	OBMP - Engineering Services - WQC	92,720	92,720	-	12,281	38,465	5,595	-	-	-
7510	IEUA - Update Recycled Water Permit - Salinity	-	77,136	3,595	601	4,320	12,634	533	3,878	34,500
7511	IEUA - As requested services to support Waterma	17,792	17,792	-	1,592	1,178	6,162	6,117	686	3,500
7512	IEUA - Triennial Recomputation of Ambient Water	24,584	24,584	-	-	-	-	-	-	-
<b>Totals</b>		<b>\$ 2,545,666</b>	<b>\$ 2,858,795</b>	<b>\$ 337,571</b>	<b>\$ 309,660</b>	<b>\$ 276,808</b>	<b>\$ 226,338</b>	<b>\$ 200,055</b>	<b>\$ 196,677</b>	<b>\$ 359,756</b>

1/21/2020--9:32 AM  
2019-20CBWM\_Invoice\_Summary\_ISBM\_20200106--Projection Summary



**Attachment 1a**  
**Chino Basin Watermaster: Invoice Projections for Engineering Tasks for Fiscal Year 2018/19**  
**As of December 31, 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	\$ 49,747	\$ 56,547	\$ 55,857	\$ 52,357	\$ 40,746	\$ 511,032	\$ 511,032	\$ 64,532	33%	89%
6906.26	2020 OBMP Update	20,000	20,000	2,000	2,000	2,000	466,301	466,301	(77,405)	103%	120%
6906.73	2021 Safe Yield Recalculation	20,000	12,000	-	-	-	311,761	311,761	(35,153)	87%	113%
6906.15	IEUA - Integrated Model Meetings and Technical	2,000	2,000	2,000	2,000	2,000	22,327	11,164	9,716	49%	53%
6907.16	IEUA - CBP Evaluation and Conceptual Design S	30,000	25,000	5,000	5,000	5,000	146,666	-	-	n/a	n/a
6906.27	IEUA - HCP Meetings and Technical Review	3,362	3,362	3,362	3,362	3,362	16,810	8,405	6,725	0%	56%
6906.18	OCWD and Army Corps of Engineers Prado Dam	9,280	4,640	-	-	-	23,200	11,600	6,960	0%	63%
7103.3	GW and SW Quality - Engineering Services	21,210	16,930	11,080	4,308	16,034	209,594	209,594	8,347	52%	96%
7103.5	GW and SW Quality - Laboratory Services	-	2,550	3,600	-	1,050	89,491	89,491	3,218	67%	97%
7104.3	GW Level - Engineering Services	12,600	21,800	11,784	13,828	23,628	167,154	167,154	28,715	35%	85%
7104.8	GW Level - Contract Services	5,000	5,000	-	-	-	10,038	10,038	(38)	0%	100%
7104.9	GW Level - Capital Services	-	-	-	12,000	-	13,013	13,013	(5,013)	13%	163%
7107.2	Ground Level - Engineering Services	10,676	12,362	12,063	6,528	11,191	87,436	87,436	11,833	25%	88%
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	4,409	4,409	6,635	7%	34%
7108.31	IEUA - Prado Basin Habitat Monitoring	35,540	30,618	20,794	7,790	4,266	148,411	74,206	(140)	22%	100%
7108.6	IEUA - PBHSP - Outside Pro	10,000	-	-	-	-	50,000	25,000	3,000	143%	89%
7109.3	Recharge & Well Monitoring - Engineering Serv.	5,000	-	7,000	3,400	-	23,440	23,440	1,820	32%	93%
7202.2	Comp Recharge - Engineering Services	4,879	2,248	4,879	4,879	2,248	29,780	29,780	17,828	12%	63%
7206.1	GRCC & IEUA - SB88 Specification to Ensure Co	21,800	21,800	21,800	21,800	21,800	138,421	-	-	n/a	n/a
7303	OBMP - Engineering Services - Desalters	847	847	847	847	847	5,082	5,082	5,078	0%	50%
7402	OBMP - Engineering Services - MZ1	7,000	8,000	4,533	5,000	6,000	119,321	119,321	(8,285)	78%	107%
7402.1	OBMP - Engineering Services - Northwest MZ1	18,000	33,426	17,500	15,826	15,032	204,260	204,260	1	43%	100%
7502	OBMP - Engineering Services - WQC	12,000	19,500	7,000	-	-	94,841	94,841	(2,121)	61%	102%
7510	IEUA - Update Recycled Water Permit - Salinity	34,500	34,500	34,500	34,500	35,684	233,746	77,136	-	33%	100%
7511	As requested services to support Watermaster an	3,500	3,000	1,483	1,483	1,483	30,183	30,183	(12,391)	88%	170%
7512	IEUA - Triennial Recomputation of Ambient Water	-	-	-	-	-	-	-	24,584	0%	0%
<b>Totals</b>		<b>\$ 357,990</b>	<b>\$ 422,454</b>	<b>\$ 252,231</b>	<b>\$ 212,907</b>	<b>\$ 217,971</b>	<b>\$ 3,370,420</b>	<b>\$ 2,798,349</b>	<b>\$ 60,446</b>	<b>54%</b>	<b>98%</b>

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

1/21/2020--9:32 AM  
2019-20CBWM\_Invoice\_Summary\_ISBM\_20200106--Projection Summary



Watermaster does not plan to present any Budget Transfers or Budget Amendments at this time for the Engineering Services.

*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 December 31, 2019 report from Wildermuth Environmental, Inc. is provided. Please access this link:

<https://cbwm.syncedtool.com/shares/file/d7d10355a19e82/?modal=1>

The third quarter ECAC report is scheduled to be issued early May 2020 for the period July 1, 2019 through March 31, 2020.

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:

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	\$ 31,283	\$ 45,199	\$ 64,356	\$ 49,407	\$ 64,277
6906.26	2020 OBMP Update	388,896	388,896	97,717	79,904	36,998	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	-	-	5,789	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	99,269	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	74,066	74,066	1,380	1,402	635	1,640	7,000	26,800	23,690
7108.6	IEUA - PBHSP - Outside Pro	28,000	28,000	40,000	-	-	-	10,000	-	-
7109.3	Recharge & Well Monitoring - Engineering Serv.	25,260	25,260	-	3,010	-	-	4,000	-	-
7202.2	Comp Recharge - Engineering Services	47,608	47,608	1,162	386	1,266	4,879	4,879	2,248	4,879
7206	GRCC & IEUA - SB88 Specification to Ensure Co	-	-	-	-	7,446	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	38,465	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 Waterma	17,792	17,792	-	1,592	1,178	3,500	4,500	2,000	3,500
7512	IEUA - Triennial Recomputation of Ambient Water	24,584	24,584	-	-	-	-	-	-	-
<b>Totals</b>		<b>\$ 2,545,666</b>	<b>\$ 2,858,795</b>	<b>\$ 337,571</b>	<b>\$ 295,069</b>	<b>\$ 275,263</b>	<b>\$ 264,786</b>	<b>\$ 336,427</b>	<b>\$ 291,237</b>	<b>\$ 319,115</b>

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2019-20CBWM\_Invoice\_Summary\_ISBM\_1st Qtr ECAC--Projection Summary



*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	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	30,258	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	10,834	12,812	22,431	178,352	178,352	17,517	17%	91%
7104.8	GW Level - Contract Services	-	-	-	8,000	-	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	18%	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	2,248	38,831	38,831	8,777	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	3,384	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	(3,826)	55%	104%
7510	IEUA - Update Recycled Water Permit - Salinity	25,025	25,025	25,025	25,025	25,029	233,746	77,136	-	6%	100%
7511	IEUA - As requested services to support Waterm	3,500	3,000	2,000	2,000	2,000	28,770	14,385	3,407	8%	81%
7512	IEUA - Triennial Recomputation of Ambient Water	-	-	-	-	-	-	-	24,584	0%	0%
<b>Totals</b>		<b>\$ 317,594</b>	<b>\$ 372,006</b>	<b>\$ 222,638</b>	<b>\$ 187,766</b>	<b>\$ 183,430</b>	<b>\$ 3,402,906</b>	<b>\$ 2,810,366</b>	<b>\$ 48,429</b>	<b>30%</b>	<b>98%</b>

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

11/5/2019--7:43 AM  
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.

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:

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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 amended during the fiscal year. The first year expenses (FY 2016/17) to be cost shared were approximately \$300,000, with projected future years (FY 2017/18 and forward) estimated at approximately \$150,000. For the purposes of the agreement, Ongoing Costs are defined as the costs associated with the following Program activities:

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

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

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

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

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

	Wildermuth Environmental, Inc.	50% Billing "TO" IEUA	50% Billing "FROM" IEUA	Costs For Watermaster
Jul. 2019 - Jun. 2020	\$ 134,335.75	\$ (67,167.88)	\$ -	\$ 67,167.88
<b>Totals</b>	<b>\$ 134,335.75</b>	<b>\$ (67,167.88)</b>	<b>\$ -</b>	<b>\$ 67,167.88</b>
	7108.31	7108.31	7108.31	
<b>Maximum Costs</b>	<b>\$ 204,132.00</b>	<b>\$ 102,066.00</b>	<b>\$ 102,066.00</b>	<b>\$ 102,066.00</b>

PREVIOUSLY REPORTED ACTIONS (Descending Order)  
None:

OTHER INCOME AND EXPENSE

Since June 30, 2020 was the fiscal year-end, there are a number of year-end closing general journals that must be entered into the accounting system. The following closing entries were booked to the financial statements and balance sheet:

1. Recorded FY 2019/20 Budget Transfer (Form T-20-06-01) in the amount of \$217,314 which is planned for approval by the Advisory Committee and adoption by the Watermaster Board during the August 2020 meetings. The FY 2019/20 Budget Transfer (Form T-20-06-01) did not increase the overall budget amount for FY 2019/20.
2. Recorded the quarterly LAIF interest earned in the amount of \$33,440.78 as of June 30, 2020 but not posted to the account by LAIF until July 15, 2020.
3. Recorded the reversal of the prior fiscal year's Fair Market Value adjustment in the amount of \$16,184.17 as of June 30, 2020 for the cash balances invested at LAIF.

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4. Recorded the current fiscal year's Fair Market Value adjustment in the amount of \$43,169.47 as of June 30, 2020 for the cash balances invested at LAIF.
5. Recorded the accrued payroll liability of \$55,638.63 as of June 30, 2020.
6. Recorded the year-end reconciliation of accrual to actual for vacation, sick and administrative/comp leave balances in the amount of \$60,352.86 for all active Watermaster employees.
7. Recorded the Nonqualified Deferred Compensation expenses as of June 30, 2020.
8. Recorded the interest earned on the Nonqualified Deferred Compensation accounts in the amount of \$657.43 as of June 30, 2020.
9. Recorded the accrued business insurance expenses of \$413.06 as of June 30, 2020.
10. Recorded the FY 2019/20 depreciation expense of \$20,067.47 as of June 30, 2020.

There were no other significant items to report within the category of Other Income and Expenses for the month ending June 30, 2020.

#### PREVIOUSLY REPORTED ACTIONS (Descending Order)

##### May 2020:

On May 14, 2020, the Appropriative Pool (in closed session) took action to increase their legal services budget (account 8367) for FY 2019/20 from \$130,000 to \$200,000, an increase of \$70,000. The Special Assessment invoices totaling \$70,000 were generated on May 20, 2020 with the due date of June 22, 2020. As a result of the action taken by the Appropriative Pool, the revenue and expenses were increased equally by \$70,000 for FY 2019/20.

##### 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 – JUNE 2020

As of June 30, 2020, the total (YTD) amount remaining of the "Carried Over" funding is \$2,042,968.61 (\$2,312,460.70 - \$269,492.09 = \$2,042,968.61).

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 <sup>2</sup>	FY 2018/19	ENG
Ground Level - Contract Services	\$ 9,900.00	E	7107.6 <sup>3</sup>	FY 2018/19	ENG
PE4 - Northwest MZ-1 Area Project	\$ 196,761.00	F	7402.1 <sup>4</sup>	FY 2018/19	ENG
IEUA - Update Recycle Water Permit - Salinity	\$ 77,136.00	G	7510 <sup>5</sup>	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 <sup>1</sup>	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
<b>Total Balance, June 30, 2019</b>	<b>\$ 2,312,460.70</b>				

"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	\$ (29,332.00)	D	7107.2 <sup>2</sup>	FY 2018/19	ENG
Ground Level - Contract Services	\$ (9,900.00)	E	7107.6 <sup>3</sup>	FY 2018/19	ENG
PE4 - Northwest MZ-1 Area Project	\$ (153,124.09)	F	7402.1 <sup>4</sup>	FY 2018/19	ENG
IEUA - Update Recycle Water Permit - Salinity	\$ (77,136.00)	G	7510 <sup>5</sup>	FY 2018/19	ENG
RMPU Amendment (TO #1)	\$ -	H	7690.15	FY 2016/17	PROJ
East Declez Basin (TO #1)	\$ -	I	7690.16 <sup>1</sup>	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
<b>Updated Balance as of June 30, 2020</b>	<b>\$ 2,042,968.61</b>				

<sup>1</sup> 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.

<sup>2</sup> Engineering work not completed in FY 2018/19 to perform ground level surveys for the long-term pumping test.

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

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

<sup>5</sup> 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 June 30, 2020

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	\$ -	D	7107.2 <sup>2</sup>	FY 2018/19	ENG
Ground Level - Contract Services	\$ -	E	7107.6 <sup>3</sup>	FY 2018/19	ENG
PE4 - Northwest MZ-1 Area Project	\$ 43,636.91	F	7402.1 <sup>4</sup>	FY 2018/19	ENG
IEUA - Update Recycle Water Permit - Salinity	\$ -	G	7510 <sup>5</sup>	FY 2018/19	ENG
RMPU Amendment (TO #1)	\$ 56,794.57	H	7690.15	FY 2016/17	PROJ
East Decluz Basin (TO #1)	\$ 1,171.33	I	7690.16 <sup>1</sup>	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
<b>Updated Balance as of June 30, 2020</b>	<b>\$ 2,042,968.61</b>				

#### 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 Decluz 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

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\$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**

**CURRENT MONTH – JUNE 2020**

The final field work for the period of April 1, 2020 through June 30, 2020 has been tentatively scheduled for September 2020. Due to the COVID-19 pandemic, the auditors will not be coming into the Watermaster office. Instead, all of the audit schedules, accounts payable selections, accounts receivable selections, bank reconciliations, payroll and timesheet selections, and any other reports and information will be provided to the auditors electronically via Dropbox software.

The Annual Financial and Audit Reports are tentatively scheduled for presentation to the Watermaster Board by Fedak & Brown LLP at the October 22, 2020 Board meeting. The Annual Financial and Audit Reports for FY 2019/20 are tentatively scheduled for posting to the Watermaster website no later than October 31, 2020.

**PREVIOUSLY REPORTED ACTIONS (Descending Order)**

**May 2020:  
FY 2019/20**

The auditors from the audit firm of Fedak & Brown LLP conducted the interim field work on May 26, 2020 through May 27, 2020. Due to the COVID-19 quarantine, the auditors did not come to the Watermaster office. Instead, all of the audit schedules, accounts payable selections, accounts receivable selections, bank reconciliations, payroll and timesheet selections, and any other reports and information were provided to the auditors electronically via Dropbox software. This was the start of the interim field work for the period of July 1, 2019 through March 31, 2020. The final field work for the period of April 1, 2020 through June 30, 2020 has been tentatively scheduled for September 2020.

**April 2020:  
FY 2019/20**

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The auditors from the audit firm of Fedak & Brown LLP are scheduled to begin the interim field work on May 26, 2020 through May 27, 2020. Due to the COVID-19 quarantine, the auditors will not be coming to the Watermaster office. Instead, all of the audit schedules, accounts payable selections, accounts receivable selections, bank reconciliations, payroll and timesheet selections, and any other reports and information will be provided to the auditors electronically via Dropbox software. This will be the start of the interim field work for the period of July 1, 2019 through March 31, 2020. The final field work for the period of April 1, 2020 through June 30, 2020 has been tentatively scheduled for September 2020.

The Annual Financial and Audit Reports are tentatively scheduled for presentation to the Watermaster Board by Fedak & Brown LLP at the October 22, 2020 Board meeting. The Annual Financial and Audit Reports for FY 2019/20 are tentatively scheduled for posting to the Watermaster website no later than October 31, 2020.

November 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 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.

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.

#### FY 2019/20 EXHIBIT "G" NON-AGRICULTURAL POOL SALE OF WATER

##### CURRENT MONTH – JUNE 2020

Only one Appropriator, Niagara Bottling, LLC, submitted their Intent to Purchase form. On March 26, 2020, an invoice in the amount of \$675,000.00 was issued to Niagara Bottling, LLC for the entire amount of 1,000 acre-feet available for purchase. On June 12, 2020, payment from Niagara Bottling, LLC to Watermaster was received. Several days later, Watermaster issued payment to California Speedway Corporation in the amount of \$675,000.00. The check to Auto Club Speedway cleared the Watermaster bank account on June 22, 2020. Watermaster considers the Exhibit "G" Transfers for FY 2019/20 completed.

##### PREVIOUSLY REPORTED ACTIONS (Descending Order)

April 2020:

Only one Appropriator, Niagara Bottling, LLC, submitted their Intent to Purchase form. On March 26, 2020, an invoice in the amount of \$675,000.00 was issued to Niagara Bottling, LLC for the entire amount of 1,000 acre-feet available for purchase. Payment from Niagara Bottling, LLC to Watermaster is due on or before

June 30, 2020. Upon receipt of payment from Niagara Bottling, LLC, and once the payment has cleared the bank, Watermaster will issue payment to California Speedway Corporation in the amount of \$675,000.00.

January 2020:

Pursuant to Exhibit "G" of the Restated Judgment, members of the Overlying (Non-Agricultural) Pool may annually transfer water to members of the Appropriative Pool through a Watermaster clearinghouse process. Watermaster purchases water from the Overlying (Non-Agricultural) Pool members, which Watermaster then transfers to the members of the Appropriative Pool based on the prescribed process. Members of the Appropriative Pool purchasing water through the process must complete their payments to Watermaster by June 30 of the fiscal year.

On December 10, 2019, California Speedway Corporation notified Watermaster of the availability of 1,000 acre-feet of water for purchase. The ONAP amended its Pooling Plan which was subsequently court-approved on March 15, 2019, allowing them to set the transfer rate. At its regular meeting on November 14, 2019, the ONAP set a price of \$675.00 per acre-foot for the current fiscal year's transfers.

Watermaster is required to provide a Notice of Availability of each Appropriator's pro-rata share of such water by January 31<sup>st</sup> of each year. The Notice of Availability was issued on January 28, 2020 which included the Potential Allocation Table allocating the amount of water available to each Appropriator, should each Appropriator wish to purchase its share of the water. Appropriators had until March 2, 2020 (since March 1, 2020 fell on a Sunday this year) to submit their Intent to Purchase forms to notify Watermaster if they were each interested in purchasing their allocation of the water. The Intent to Purchase forms could be returned to Watermaster via email or by U.S. mail.

Only one Appropriator, Niagara Bottling, LLC, submitted their Intent to Purchase form. On or before March 31, 2020, an invoice in the amount of \$675,000.00 will be issued to Niagara Bottling, LLC for the entire amount of 1,000 acre-feet available for purchase. Payment from Niagara Bottling, LLC to Watermaster will be due on or before June 30, 2020. Upon receipt of payment from Niagara Bottling, LLC, and once the payment has cleared the bank, Watermaster will issue payment to California Speedway Corporation in the amount of \$675,000.00.

## ASSESSMENT INVOICING

### CURRENT MONTH – JUNE 2020

#### FY 2019/20 Assessment Package:

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

### PREVIOUSLY REPORTED ACTIONS (Descending Order)

May 2020:

On May 14, 2020, the Appropriative Pool (in closed session) took action to increase their legal services budget (account 8367) for FY 2019/20 from \$130,000 to \$200,000, an increase of \$70,000. The Special Assessment invoices totaling \$70,000 were generated on May 20, 2020 with the due date of June 22, 2020. As a result of the action taken by the Appropriative Pool, the revenue and expenses were increased equally by \$70,000 for FY 2019/20.

December 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 were due to Watermaster on

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Monday, December 23, 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 4:00pm on Monday, December 23, 2019.

As of December 23, 2019, all but one payment had been received. The one late payment from Space Center Mira Loma in the amount of \$8,847.29 was received on January 13, 2020. Per the Judgment, a late payment fee of \$51.03 was assessed on January 13, 2020.

November 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.

Per the Judgment Section VI, 55 (c) Delinquency. Any delinquent assessment shall bear interest at 10% per annum (or such greater rate as shall equal the average current cost of borrowed funds to the Watermaster) from the due date thereof. Such delinquent assessment and interest may be collected in a show-cause proceeding herein instituted by the Watermaster, in which case the Court may allow Watermaster its reasonable costs of collection, including attorney's fees.

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 Appropriate 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 Appropriate 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 Appropriate, 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

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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.

ATTACHMENTS

1. Financial Report - B5

	1/12th (8.33%) of the Total Budget				12/12th (100.00%) of the Total Budget				100% of the Total Budget			
	For The Month of June 2020				Year-To-Date as of June 30, 2020				Fiscal Year End as of June 30, 2020			
	Actual	Budget	\$ Over(Under)	% of Budget	Actual	Budget	\$ Over(Under)	% of Budget	Actual	Budget	\$ Over(Under)	% of Budget
<b>Income</b>												
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%	8,100,142.55	8,113,100.00	-12,957.45	99.84%	8,100,142.55	8,113,100.00	-12,957.45	99.84%
4120 · Admin Asmnts-Non-Agri Pool	0.00	0.00	0.00	0.0%	364,535.88	352,197.00	12,338.88	103.5%	364,535.88	352,197.00	12,338.88	103.5%
4700 · Non Operating Revenues	33,446.65	18,780.00	14,666.65	178.1%	185,201.16	75,124.00	110,077.16	246.53%	185,201.16	75,124.00	110,077.16	246.53%
4900 · Miscellaneous Income	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
<b>Total Income</b>	<b>33,446.65</b>	<b>18,780.00</b>	<b>14,666.65</b>	<b>178.1%</b>	<b>8,821,784.76</b>	<b>8,712,327.00</b>	<b>109,457.76</b>	<b>101.26%</b>	<b>8,821,784.76</b>	<b>8,712,327.00</b>	<b>109,457.76</b>	<b>101.26%</b>
<b>Gross Profit</b>	<b>33,446.65</b>	<b>18,780.00</b>	<b>14,666.65</b>	<b>178.1%</b>	<b>8,821,784.76</b>	<b>8,712,327.00</b>	<b>109,457.76</b>	<b>101.26%</b>	<b>8,821,784.76</b>	<b>8,712,327.00</b>	<b>109,457.76</b>	<b>101.26%</b>
<b>Expense</b>												
6010 · Admin. Salary/Benefit Costs	160,706.31	89,675.00	71,031.31	179.21%	1,171,658.55	1,155,864.00	15,794.55	101.37%	1,171,658.55	1,155,864.00	15,794.55	101.37%
6020 · Office Building Expense	9,198.62	9,642.00	-443.38	95.4%	116,286.24	117,379.00	-1,092.76	99.07%	116,286.24	117,379.00	-1,092.76	99.07%
6030 · Office Supplies & Equip.	2,983.16	2,150.00	833.16	138.75%	28,886.93	69,800.00	-40,913.07	41.39%	28,886.93	69,800.00	-40,913.07	41.39%
6040 · Postage & Printing Costs	2,305.55	-5,488.00	7,793.55	-42.01%	31,329.64	38,141.00	-6,811.36	82.14%	31,329.64	38,141.00	-6,811.36	82.14%
6050 · Information Services	23,920.51	894.00	23,026.51	2,675.67%	152,758.86	156,656.00	-3,897.14	97.51%	152,758.86	156,656.00	-3,897.14	97.51%
6060 · Contract Services	4,340.60	-3,600.00	7,940.60	-120.57%	39,764.39	47,800.00	-8,035.61	83.19%	39,764.39	47,800.00	-8,035.61	83.19%
6070 · Watermaster Legal Services	51,333.28	137,590.00	-86,256.72	37.31%	386,318.01	387,115.00	-796.99	99.79%	386,318.01	387,115.00	-796.99	99.79%
6080 · Insurance	413.06	500.00	-86.94	82.61%	40,924.32	43,426.00	-2,501.68	94.24%	40,924.32	43,426.00	-2,501.68	94.24%
6110 · Dues and Subscriptions	0.00	0.00	0.00	0.0%	32,580.79	35,792.00	-3,211.21	91.03%	32,580.79	35,792.00	-3,211.21	91.03%
6140 · WM Admin Expenses	287.56	271.00	16.56	106.11%	2,944.78	3,950.00	-1,005.22	74.55%	2,944.78	3,950.00	-1,005.22	74.55%
6150 · Field Supplies	0.00	0.00	0.00	0.0%	2,059.62	2,550.00	-490.38	80.77%	2,059.62	2,550.00	-490.38	80.77%
6170 · Travel & Transportation	1,503.49	-29,325.00	30,828.49	-5.13%	19,486.73	34,170.00	-14,683.27	57.03%	19,486.73	34,170.00	-14,683.27	57.03%
6190 · Training, Conferences, Seminars	0.00	-10,846.00	10,846.00	0.0%	20,945.61	23,857.00	-2,911.39	87.8%	20,945.61	23,857.00	-2,911.39	87.8%
6200 · Advisory Comm - WM Board	1,975.13	-5,867.00	7,842.13	-33.67%	39,018.25	39,680.00	-661.75	98.33%	39,018.25	39,680.00	-661.75	98.33%
6300 · Watermaster Board Expenses	13,193.77	-27,212.00	40,405.77	-48.49%	140,674.37	143,467.00	-2,792.63	98.05%	140,674.37	143,467.00	-2,792.63	98.05%
8300 · Appr PI-WM & Pool Admin	39,235.26	12,330.67	26,904.59	318.19%	258,169.17	258,609.00	-439.83	99.83%	258,169.17	258,609.00	-439.83	99.83%
8400 · Agri Pool-WM & Pool Admin	4,892.95	-5,622.00	10,514.95	-87.03%	50,618.07	53,713.00	-3,094.93	94.24%	50,618.07	53,713.00	-3,094.93	94.24%
8467 · Ag Legal & Technical Services	123,335.00	88,314.00	35,021.00	139.66%	529,008.75	363,314.00	165,694.75	145.61%	529,008.75	363,314.00	165,694.75	145.61%
8470 · Ag Meeting Attend -Special	2,375.00	1,850.00	525.00	128.38%	22,275.00	22,200.00	75.00	100.34%	22,275.00	22,200.00	75.00	100.34%
8471 · Ag Pool Expense	0.00	-47,564.00	47,564.00	0.0%	21,686.00	21,686.00	0.00	100.0%	21,686.00	21,686.00	0.00	100.0%
8485 · Ag Pool - Misc. Exp. - Ag Fund	0.00	0.00	0.00	0.0%	0.00	400.00	-400.00	0.0%	0.00	400.00	-400.00	0.0%
8500 · Non-Ag PI-WM & Pool Admin	9,403.86	-283.00	9,686.86	-3,322.92%	95,624.05	116,951.00	-21,326.95	81.76%	95,624.05	116,951.00	-21,326.95	81.76%
9400 · Depreciation Expense	20,067.47	0.00	20,067.47	100.0%	20,067.47	0.00	20,067.47	100.0%	20,067.47	0.00	20,067.47	100.0%
9500 · Allocated G&A Expenditures	-32,529.65	-39,730.00	7,200.35	81.88%	-380,021.65	-476,762.00	96,740.35	79.71%	-380,021.65	-476,762.00	96,740.35	79.71%
6900 · Optimum Basin Mgmt Plan	154,133.19	155,473.00	-1,339.81	99.14%	2,329,974.57	2,265,515.00	64,459.57	102.85%	2,329,974.57	2,265,515.00	64,459.57	102.85%
9501 · G&A Expenses Allocated-OBMP	13,941.63	10,527.00	3,414.63	132.44%	184,860.47	126,325.00	58,535.47	146.34%	184,860.47	126,325.00	58,535.47	146.34%
7101 · Production Monitoring	8,005.68	6,011.00	1,994.68	133.18%	70,680.45	78,073.00	-7,392.55	90.53%	70,680.45	78,073.00	-7,392.55	90.53%
7102 · In-line Meter Installation	0.00	1,673.00	-1,673.00	0.0%	1,441.85	378,428.00	-376,986.15	0.38%	1,441.85	378,428.00	-376,986.15	0.38%
7103 · Grdwtr Quality Monitoring	18,128.37	26,302.00	-8,173.63	68.92%	314,904.10	359,100.00	-44,195.90	87.69%	314,904.10	359,100.00	-44,195.90	87.69%
7104 · Gdwtr Level Monitoring	37,800.14	23,335.00	14,465.14	161.99%	226,241.91	234,537.00	-8,295.09	96.46%	226,241.91	234,537.00	-8,295.09	96.46%
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	8,587.59	17,284.00	-8,696.41	49.69%	152,281.37	333,583.00	-181,301.63	45.65%	152,281.37	333,583.00	-181,301.63	45.65%



	1/12th (8.33%) of the Total Budget				12/12th (100.00%) of the Total Budget				100% of the Total Budget			
	For The Month of June 2020				Year-To-Date as of June 30, 2020				Fiscal Year End as of June 30, 2020			
	Actual	Budget	\$ Over(Under)	% of Budget	Actual	Budget	\$ Over(Under)	% of Budget	Actual	Budget	\$ Over(Under)	% of Budget
7108 - Hydraulic Control Monitoring	4,928.40	8,922.00	-3,993.60	55.24%	116,062.90	135,837.00	-19,774.10	85.44%	116,062.90	135,837.00	-19,774.10	85.44%
7109 - Recharge & Well Monitoring Prog	0.00	1,105.00	-1,105.00	0.0%	25,275.65	25,360.00	-84.35	99.67%	25,275.65	25,360.00	-84.35	99.67%
7200 - PE2- Comp Recharge Pgm	8,616.38	14,666.00	-6,049.62	58.75%	1,104,813.06	1,425,415.00	-320,601.94	77.51%	1,104,813.06	1,425,415.00	-320,601.94	77.51%
7300 - PE3&5-Water Supply/Desalte	2,226.62	2,754.00	-527.38	80.85%	14,776.82	34,374.00	-19,597.18	42.99%	14,776.82	34,374.00	-19,597.18	42.99%
7400 - PE4- Mgmt Plan	13,000.78	6,272.00	6,728.78	207.28%	270,574.67	328,338.00	-57,763.33	82.41%	270,574.67	328,338.00	-57,763.33	82.41%
7500 - PE6&7-CoopEfforts/SaltMgmt	10,052.10	12,112.00	-2,059.90	82.99%	167,462.46	223,318.00	-55,855.54	74.99%	167,462.46	223,318.00	-55,855.54	74.99%
7600 - PE8&9-StorageMgmt/Conj Use	485.60	1,784.00	-1,298.40	27.22%	10,225.64	23,168.00	-12,942.36	44.14%	10,225.64	23,168.00	-12,942.36	44.14%
7690 - Recharge Improvement Debt Pymt	0.00	0.00	0.00	0.0%	467,765.50	2,268,221.70	-1,800,456.20	20.62%	467,765.50	2,268,221.70	-1,800,456.20	20.62%
7700 - Inactive Well Protection Prgm	0.00	42.00	-42.00	0.0%	0.00	500.00	-500.00	0.0%	0.00	500.00	-500.00	0.0%
9502 - G&A Expenses Allocated-Projects	18,588.02	29,203.00	-10,614.98	63.65%	195,161.18	350,437.00	-155,275.82	55.69%	195,161.18	350,437.00	-155,275.82	55.69%
<b>Total Expense</b>	<b>737,435.43</b>	<b>485,144.67</b>	<b>252,290.76</b>	<b>152.0%</b>	<b>8,495,566.55</b>	<b>11,250,287.70</b>	<b>-2,754,721.15</b>	<b>75.51%</b>	<b>8,495,566.55</b>	<b>11,250,287.70</b>	<b>-2,754,721.15</b>	<b>75.51%</b>
<b>Net Ordinary Income</b>	<b>-703,988.78</b>	<b>-466,364.67</b>	<b>-237,624.11</b>	<b>150.95%</b>	<b>326,218.21</b>	<b>-2,537,960.70</b>	<b>2,864,178.91</b>	<b>-12.85%</b>	<b>326,218.21</b>	<b>-2,537,960.70</b>	<b>2,864,178.91</b>	<b>-12.85%</b>
<b>Other Income</b>												
4210 - Approp Pool-Replenishment	0.00	0.00	0.00	0.0%	1,096,397.47	0.00	1,096,397.47	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%	24,974.17	0.00	24,974.17	100.0%	24,974.17	0.00	24,974.17	100.0%
4225 - Interest Income	0.00	0.00	0.00	0.0%	3,015.62	0.00	3,015.62	100.0%	3,015.62	0.00	3,015.62	100.0%
4226 - LAIF Fair Market Value	26,985.30	0.00	26,985.30	100.0%	26,985.30	0.00	26,985.30	100.0%	26,985.30	0.00	26,985.30	100.0%
4600 - Groundwater Sales	0.00	0.00	0.00	0.0%	675,000.00	0.00	675,000.00	100.0%	675,000.00	0.00	675,000.00	100.0%
4715 - Gain on Sale of Assets	0.00	0.00	0.00	0.0%	2,533.00	0.00	2,533.00	100.0%	2,533.00	0.00	2,533.00	100.0%
<b>Total Other Income</b>	<b>26,985.30</b>	<b>0.00</b>	<b>26,985.30</b>	<b>100.0%</b>	<b>1,828,905.56</b>	<b>0.00</b>	<b>1,828,905.56</b>	<b>100.0%</b>	<b>1,828,905.56</b>	<b>0.00</b>	<b>1,828,905.56</b>	<b>100.0%</b>
<b>Other Expense</b>												
5010 - Groundwater Replenishment	0.00	0.00	0.00	0.0%	1,444,941.71	0.00	1,444,941.71	100.0%	1,444,941.71	0.00	1,444,941.71	100.0%
5100 - Other Water Purchases	675,000.00	0.00	675,000.00	100.0%	675,000.00	0.00	675,000.00	100.0%	675,000.00	0.00	675,000.00	100.0%
9200 - Interest Expense	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9251 - Other Post Employment Benefits	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9996 - Refund-Excess Reserves-Approp.	0.00	0.00	0.00	0.0%	271,110.41	0.00	271,110.41	100.0%	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%	0.00	0.00	0.00	0.0%
9998 - Refund-Recharge Debt-Approp.	0.00	0.00	0.00	0.0%	64,564.00	0.00	64,564.00	100.0%	64,564.00	0.00	64,564.00	100.0%
9999 - To/(From) Reserves	0.00	0.00	0.00	0.0%	0.00	-225,500.00	225,500.00	0.0%	0.00	-225,500.00	225,500.00	0.0%
<b>Total Other Expense</b>	<b>675,000.00</b>	<b>0.00</b>	<b>675,000.00</b>	<b>100.0%</b>	<b>2,455,616.12</b>	<b>-225,500.00</b>	<b>2,681,116.12</b>	<b>-1,088.97%</b>	<b>2,455,616.12</b>	<b>-225,500.00</b>	<b>2,681,116.12</b>	<b>-1,088.97%</b>
<b>Net Other Income</b>	<b>-648,014.70</b>	<b>0.00</b>	<b>-648,014.70</b>	<b>100.0%</b>	<b>-626,710.56</b>	<b>225,500.00</b>	<b>-852,210.56</b>	<b>-277.92%</b>	<b>-626,710.56</b>	<b>225,500.00</b>	<b>-852,210.56</b>	<b>-277.92%</b>
<b>Net Income</b>	<b>-1,352,003.48</b>	<b>-466,364.67</b>	<b>-885,638.81</b>	<b>289.9%</b>	<b>-300,492.35</b>	<b>-2,312,460.70</b>	<b>2,011,968.35</b>	<b>12.99%</b>	<b>-300,492.35</b>	<b>-2,312,460.70</b>	<b>2,011,968.35</b>	<b>12.99%</b>

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

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**July 2020**

Financial Report - B6  
For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
General Journal	07/01/2020	07/01/2020	Payroll and Taxes for 06/14/20-06/27/20	Payroll and Taxes for 06/14/20-06/27/20	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 06/14/20-06/27/20	1012 · Bank of America Gen'l Ckg	30,045.87
				Payroll Taxes for 06/14/20-06/27/20	1012 · Bank of America Gen'l Ckg	9,869.02
			ICMA-RC	457(b) EE Deductions for 06/14/20-06/27/20	1012 · Bank of America Gen'l Ckg	5,476.92
			ICMA-RC	401(a) EE Deductions for 06/14/20-06/27/20	1012 · Bank of America Gen'l Ckg	1,562.57
TOTAL						<u>46,954.38</u>
Bill Pmt -Check	07/03/2020	ACH 070320	CALPERS	1394905143	1012 · Bank of America Gen'l Ckg	
Bill	07/01/2020	1394905143		Medical Insurance Premiums - July 2020	60182.1 · Medical Insurance	11,018.02
TOTAL						<u>11,018.02</u>
Bill Pmt -Check	07/03/2020	ACH 070320	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	06/27/2020	06/27/2020	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 06/14/20-06/27/20	2000 · Accounts Payable	8,180.70
TOTAL						<u>8,180.70</u>
Bill Pmt -Check	07/10/2020	22248	EGOSCUE LAW GROUP, INC.	12771	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2020	12771		Ag Pool Legal - May 2020 - partial payment	8467 · Ag Legal & Technical Services	63,851.50
TOTAL						<u>63,851.50</u>
General Journal	07/11/2020	07/11/2020	Payroll and Taxes for 06/28/20-07/11/20	Payroll and Taxes for 06/28/20-07/11/20	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 06/28/20-07/11/20	1012 · Bank of America Gen'l Ckg	29,821.89
				Payroll and Taxes for 06/28/20-07/11/20	1012 · Bank of America Gen'l Ckg	9,731.60
			ICMA-RC	457(b) EE Deductions for 06/28/20-07/11/20	1012 · Bank of America Gen'l Ckg	5,476.92
			ICMA-RC	401(a) EE Deductions for 06/28/20-07/11/20	1012 · Bank of America Gen'l Ckg	1,562.57
TOTAL						<u>46,592.98</u>
Bill Pmt -Check	07/14/2020	ACH 071420	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
Bill	06/17/2020	16079162		1959 Survivor Billing-Plan 27239	60180 · Employers PERS Expense	288.00
Bill	06/17/2020	16079044		1959 Survivor Billing-Plan 3299	60180 · Employers PERS Expense	288.00
TOTAL						<u>576.00</u>
Bill Pmt -Check	07/14/2020	22249	APPLIED COMPUTER TECHNOLOGIES	VOID: 3145	1012 · Bank of America Gen'l Ckg	0.00
TOTAL						<u>0.00</u>
Bill Pmt -Check	07/14/2020	22250	FEDAK & BROWN LLP	Progress Billing - Audit Services	1012 · Bank of America Gen'l Ckg	
Bill	06/30/2020			June 2020	6062 · Audit Services	1,590.00
TOTAL						<u>1,590.00</u>
Bill Pmt -Check	07/14/2020	22251	FIRST LEGAL NETWORK LLC	40040356	1012 · Bank of America Gen'l Ckg	

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**July 2020**

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<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Paid Amount</u>
Bill	06/30/2020	40040356		Court filings for June 2020	6061.5 · Court Filing Services	2,750.60
TOTAL						<u>2,750.60</u>
<b>Bill Pmt -Check</b>	<b>07/14/2020</b>	<b>22252</b>	<b>INLAND EMPIRE UTILITIES AGENCY</b>	<b>90026873</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/08/2020	902026873		GW Recharge Debt Service-FY 2020/21	7690.1 · Recharge Improvement Debt Pymts	534,496.00
TOTAL						<u>534,496.00</u>
<b>Bill Pmt -Check</b>	<b>07/14/2020</b>	<b>22253</b>	<b>APPLIED COMPUTER TECHNOLOGIES</b>	<b>3145</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/30/2020	3145		Database Consulting Services - June 2020	6052.2 · Applied Computer Technol	3,850.00
TOTAL						<u>3,850.00</u>
<b>Bill Pmt -Check</b>	<b>07/14/2020</b>	<b>22254</b>	<b>BOWCOCK, ROBERT</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/25/2020	6/25 Board Mtg		6/25/20 Board meeting	6311 · Board Member Compensation	125.00
Bill	06/26/2020	6/26 Court Hearing		6/26/20 court hearing	6311 · Board Member Compensation	125.00
Bill	06/30/2020	6/30 Ad Hoc Mtg		6/30/20 CBWM/IEUA Ad Hoc meeting	6311 · Board Member Compensation	125.00
TOTAL						<u>375.00</u>
<b>Bill Pmt -Check</b>	<b>07/14/2020</b>	<b>22255</b>	<b>BURRTEC WASTE INDUSTRIES, INC.</b>	<b>2111342191</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/01/2020	2111342191		July 2020	6024 · Building Repair & Maintenance	135.72
TOTAL						<u>135.72</u>
<b>Bill Pmt -Check</b>	<b>07/14/2020</b>	<b>22256</b>	<b>ELIE, STEVEN</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/25/2020	6/25 Board Mtg		6/25/20 Board meeting	6311 · Board Member Compensation	125.00
TOTAL						<u>125.00</u>
<b>Bill Pmt -Check</b>	<b>07/14/2020</b>	<b>22257</b>	<b>ESRI</b>	<b>93850309</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/01/2020	93850309		ESRI maintenance 8/19/2020-8/18/2021	6054 · Computer Software	1,000.00
TOTAL						<u>1,000.00</u>
<b>Bill Pmt -Check</b>	<b>07/14/2020</b>	<b>22258</b>	<b>FEENSTRA, BOB</b>	<b>Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/01/2020	05/11 Ag Pool Meetin		5/11/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	06/01/2020	05/18 Advisory Com		05/18/20 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	06/01/2020	05/25 Board Meeting		05/25/20 Board Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	06/01/2020	05/21 Exec. Meeting		05/21/20 Executive Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	06/01/2020	05/22 Special Ag Mtg		05/22/20 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	06/01/2020	05/08 TeleConf Mtg		05/08/20 TeleConference Call	8470 · Ag Meeting Attend -Special	125.00
Bill	06/01/2020	05/14 SY Meeting		05/14/20 SafeYield Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	06/01/2020	05/18 Safe Yield Mtg		05/18/20 SafeYield Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	06/01/2020	05/26 Safe Yield Mtg		05/26/20 SafeYield Meeting	8470 · Ag Meeting Attend -Special	125.00
TOTAL						<u>1,125.00</u>

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**July 2020**

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Type	Date	Num	Name	Memo	Account	Paid Amount
<b>Bill Pmt -Check</b>	<b>07/14/2020</b>	<b>22259</b>	<b>FONTANA UNION WATER COMPANY'</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/15/2020	6/15 Personnel Comm		6/15/20 PC Mtg.-Curatalo attendance	6311 · Board Member Compensation	125.00
Bill	06/18/2020	6/18 Board Officers		6/18/20 Board Officers/Pool Chairs-Curatalo	6311 · Board Member Compensation	125.00
Bill	06/23/2020	6/23 Board Agenda		6/23/20 Board Agenda Preview-Curatalo	6311 · Board Member Compensation	125.00
Bill	06/24/2020	6/24 Exec Officers		6/24/20 Executive Officers meeting-Curatalo	6311 · Board Member Compensation	125.00
Bill	06/25/2020	6/25 Board Mtg		6/25/20 Board meeting-Curatalo	6311 · Board Member Compensation	125.00
Bill	06/30/2020	6/30 Ad Hoc Mtg		6/630/20 CBWM/IEUA Ad Hoc-Curatalo	6311 · Board Member Compensation	125.00
<b>TOTAL</b>						<b>750.00</b>
<b>Bill Pmt -Check</b>	<b>07/14/2020</b>	<b>22260</b>	<b>KUHN, BOB</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/11/2020	6/11 Appro Pool		6/11/20 Appropriative Pool meeting	6311 · Board Member Compensation	125.00
Bill	06/15/2020	6/15 Personnel Comm		6/15/20 Personnel Committee meeting	6311 · Board Member Compensation	125.00
Bill	06/18/2020	6/18 Advisory Comm		6/18/20 Advisory Committee meeting	6311 · Board Member Compensation	125.00
Bill	06/23/2020	6/23 Board Agenda		6/23/20 Board Agenda Preview meeting	6311 · Board Member Compensation	125.00
Bill	06/25/2020	6/25 Board Mtg		6/25/20 Board meeting	6311 · Board Member Compensation	125.00
Bill	06/26/2020	6/26 Court Hearing		6/26/20 court hearing - court call	6311 · Board Member Compensation	125.00
Bill	06/29/2020	6/26 Admin Mtg		6/29/20 Administrative mtg at WM	6311 · Board Member Compensation	125.00
Bill	06/30/2020	Printing Fees		Reimbursement-printing fees-resolution	6045 · Printing	22.54
<b>TOTAL</b>						<b>897.54</b>
<b>Bill Pmt -Check</b>	<b>07/14/2020</b>	<b>22261</b>	<b>NELSON, ANNA</b>	<b>Employee Expense Reimbursement</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/30/2020			Reimbursement-employee recognition gift	6141.3 · Admin Meetings	95.90
<b>TOTAL</b>						<b>95.90</b>
<b>Bill Pmt -Check</b>	<b>07/14/2020</b>	<b>22262</b>	<b>PIETERSMA, RONALD</b>	<b>Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/30/2020	6/30 Ag Pool Special		6/30/20 Ag Pool Special meeting	8411 · Ag Pool Member Compensation	25.00
				6/30/20 Ag Pool Special meeting	8470 · Ag Meeting Attend -Special	100.00
<b>TOTAL</b>						<b>125.00</b>
<b>Bill Pmt -Check</b>	<b>07/14/2020</b>	<b>22263</b>	<b>PITNEY BOWES GLOBAL FINANCIAL SERVICE 3104053492</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/01/2020	3104053492		Postage meter lease	6044 · Postage Meter Lease	430.63
<b>TOTAL</b>						<b>430.63</b>
<b>Bill Pmt -Check</b>	<b>07/14/2020</b>	<b>22264</b>	<b>PREMIERE GLOBAL SERVICES</b>	<b>29626555</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/30/2020	29626555		Appropriative Pool meeting call on 6/11	8312 · Meeting Expenses	7.53
				Appropriative Pool meeting call on 6/11	8312 · Meeting Expenses	6.04
				Fee - General	6022 · Telephone	39.00
				Fee - Confidential	6022 · Telephone	39.00
				Ag Pool contest call on 5/27	8412 · Meeting Expenses	6.87

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Type	Date	Num	Name	Memo	Account	Paid Amount
				Ag Pool contest call on 5/27	8412 · Meeting Expenses	28.90
				Court hearing coordination call on 5/28	6909.1 · OBMP Meetings	11.05
				Ag Pool contest call on 6/09	8412 · Meeting Expenses	6.02
				Board agenda preview call on 6/23	6312 · Meeting Expenses	6.03
				Board agenda preview call on 6/23	6312 · Meeting Expenses	20.60
				Call shortfall	6022 · Telephone	78.00
				Service fee	6022 · Telephone	25.41
TOTAL						274.45
<b>Bill Pmt -Check</b>	<b>07/14/2020</b>	<b>22265</b>	<b>R&amp;D PEST SERVICES</b>	<b>0259616</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/01/2020	0259616		Treat office and annex for pest control	6024 · Building Repair & Maintenance	100.00
TOTAL						100.00
<b>Bill Pmt -Check</b>	<b>07/14/2020</b>	<b>22266</b>	<b>ROGERS, PETER</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/25/2020	6/25 Board Mtg		6/25/20 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
<b>Bill Pmt -Check</b>	<b>07/14/2020</b>	<b>22267</b>	<b>STATE COMPENSATION INSURANCE FUND</b>	<b>1970970-19</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/01/2020	1970970-20		Deposit addition for 2020/2021	60183 · Worker's Comp Insurance	211.19
TOTAL						211.19
<b>Bill Pmt -Check</b>	<b>07/14/2020</b>	<b>22268</b>	<b>UNION 76</b>	<b>7076-2245-3035-5049</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/30/2020	7076224530355049		June 2020	6175 · Vehicle Fuel	103.49
TOTAL						103.49
<b>Bill Pmt -Check</b>	<b>07/14/2020</b>	<b>22269</b>	<b>STATE COMPENSATION INSURANCE FUND</b>	<b>1970970-20</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/01/2020	1970970-20		Premium 6/26/20-7/26/20	60183 · Worker's Comp Insurance	514.25
TOTAL						514.25
<b>Bill Pmt -Check</b>	<b>07/14/2020</b>	<b>22270</b>	<b>TRISTAN, VIVIAN</b>	<b>Transcription Service</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/14/2020	7/10/20 Transcript		Transcript for July 10, 2020 court hearing	6045 · Printing	975.00
TOTAL						975.00
<b>Bill Pmt -Check</b>	<b>07/15/2020</b>	<b>ACH 071520</b>	<b>PHILADELPHIA INSURANCE COMPANY</b>	<b>2002241137</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/30/2020	2002241137		Commercial Umbrella Liability - \$8M	6085 · Business Insurance Package	73.85
				Automobile Coverage	6085 · Business Insurance Package	80.37
				Employee Benefit Coverage	6085 · Business Insurance Package	4.11
				General Liability Coverage	6085 · Business Insurance Package	56.08
				Property Coverage	6085 · Business Insurance Package	35.05
				Commercial Umbrella Liability - \$8M	1405 · Prepaid Ins-Bus Pkg Policy	5,317.15

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				Automobile Coverage	1405 · Prepaid Ins-Bus Pkg Policy	5,786.91
				Employee Benefit Coverage	1405 · Prepaid Ins-Bus Pkg Policy	295.89
				General Liability Coverage	1405 · Prepaid Ins-Bus Pkg Policy	4,037.92
				Property Coverage	1405 · Prepaid Ins-Bus Pkg Policy	2,523.95
TOTAL						<u>18,211.28</u>
<b>Bill Pmt -Check</b>	<b>07/15/2020</b>	<b>22271</b>	<b>ACWA JOINT POWERS INSURANCE AUTHORITY</b>	<b>10649917</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/14/2020	0649917		Prepayment - August 2020	1409 · Prepaid Life, BAD&D & LTD	269.53
				July 2020	60191 · Life & Disab.Ins Benefits	255.79
TOTAL						<u>525.32</u>
<b>Bill Pmt -Check</b>	<b>07/15/2020</b>	<b>22272</b>	<b>CORELOGIC INFORMATION SOLUTIONS</b>	<b>82031640</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/30/2020	82031640		82031640	7103.7 · Grdwtr Qual-Computer Svc	62.50
				82031640	7101.4 · Prod Monitor-Computer	62.50
TOTAL						<u>125.00</u>
<b>Bill Pmt -Check</b>	<b>07/15/2020</b>	<b>22273</b>	<b>EUROFINS EATON ANALYTICAL</b>	<b>L0518916</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/14/2020	L0518916		L0518916	7108.41 · Hydraulic Control - PBHSP	1,050.00
TOTAL						<u>1,050.00</u>
<b>Bill Pmt -Check</b>	<b>07/15/2020</b>	<b>22274</b>	<b>JOHN J. SCHATZ</b>	<b>AP Legal Services</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/30/2020			AP Legal Services - June 2020	8367 · Legal Service	31,920.00
TOTAL						<u>31,920.00</u>
<b>Bill Pmt -Check</b>	<b>07/15/2020</b>	<b>22275</b>	<b>LEGAL SHIELD</b>	<b>111802</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/14/2020	111802		Employee deductions - July 2020	60194 · Other Employee Insurance	177.35
TOTAL						<u>177.35</u>
<b>Bill Pmt -Check</b>	<b>07/15/2020</b>	<b>22276</b>	<b>RR FRANCHISING, INC.</b>	<b>88579</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/14/2020	88579		Janitorial including disinfecting cleaning	6024 · Building Repair & Maintenance	915.00
TOTAL						<u>915.00</u>
<b>Bill Pmt -Check</b>	<b>07/15/2020</b>	<b>22277</b>	<b>VERIZON WIRELESS</b>	<b>9858008490</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/14/2020	9858008490		Acct #470810953-00001	6022 · Telephone	320.73
TOTAL						<u>320.73</u>
<b>Bill Pmt -Check</b>	<b>07/15/2020</b>	<b>22278</b>	<b>ADVANCED OFFICE SMART OFFICE SOLUTIONS</b>	<b>AR911030</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/22/2020	AR911030		Contract base rate charge	6043.2 · Ricoh Usage & Maintenance Fee	381.81
TOTAL						<u>381.81</u>

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<b>Bill Pmt -Check</b>	<b>07/16/2020</b>	<b>22279</b>	<b>BANK OF AMERICA</b>	<b>XXXX-XXXX-XXXX-9341</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/30/2020	XXXX-XXXX-XXXX-9341		Extension cord/ac power adaptor	6031.7 · Other Office Supplies	38.33
				Misc. office supplies-desk calendar	6031.7 · Other Office Supplies	19.56
				Non-contact thermometers (CV-19)	6031.7 · Other Office Supplies	144.49
				Disinfecting wipes (CV-19)	6031.7 · Other Office Supplies	20.64
				Disinfecting wipes (CV-19)	6031.7 · Other Office Supplies	20.64
				Safety signs, posters for office (CV-19)	6031.7 · Other Office Supplies	322.82
				Misc. office supplies - printer drum	6031.7 · Other Office Supplies	85.41
				Misc. office supplies - batteries, books	6031.7 · Other Office Supplies	70.13
				Safety signs, posters for office (CV-19)	6031.7 · Other Office Supplies	480.71
				Brackets for plexiglass-boardroom (CV-19)	6031.7 · Other Office Supplies	89.15
				Supplies for admin meeting	6141.3 · Admin Meetings	28.87
				Misc. office supplies - toner, supplies	6031.7 · Other Office Supplies	153.68
				Misc. office supplies - toner, supplies	6031.7 · Other Office Supplies	31.64
				Miscellaneous office supplies	6031.7 · Other Office Supplies	332.29
				Safety signs, posters for office (CV-19)	6031.7 · Other Office Supplies	45.31
				Clamps for boardroom partitions (CV-19)	6031.7 · Other Office Supplies	216.71
				Office 365 Starter Email renewal	6054 · Computer Software	68.87
				Supplies for admin meeting	6141.3 · Admin Meetings	154.74
				Brackets for plexiglass in boardroom (CV-19)	6031.7 · Other Office Supplies	89.15
				Supplies for boardroom partitions (CV-19)	6031.7 · Other Office Supplies	28.13
				Miscellaneous office supplies	6031.7 · Other Office Supplies	12.67
				Miscellaneous office supplies	6031.7 · Other Office Supplies	30.98
				Overnight checks-court reporter-6/26/20 hearing	6042 · Postage - General	48.76
				Monthly subscription for GoTo Webinar	6022 · Telephone	56.52
<b>TOTAL</b>						<b>2,590.20</b>
<b>Bill Pmt -Check</b>	<b>07/16/2020</b>	<b>22280</b>	<b>DE BOOM, NATHAN</b>	<b>Ag Pool Meeting</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/11/2020	6/11 Ag Pool Mtg		6/11/20 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				6/11/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	06/30/2020	6/30 Special Ag Pool		6/30/20 Special Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				6/30/20 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
<b>TOTAL</b>						<b>250.00</b>
<b>Bill Pmt -Check</b>	<b>07/16/2020</b>	<b>22281</b>	<b>FILIPPI, GINO</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/11/2020	6/11 Ag Pool Mtg		6/11/20 Ag Pool Meeting	6311 · Board Member Compensation	125.00
Bill	06/18/2020	6/18 Advisory Comm		6/18/20 Advisory Committee Meeting	6311 · Board Member Compensation	125.00
Bill	06/25/2020	6/25 Board Mtg		6/25/20 Board Meeting	6311 · Board Member Compensation	125.00
Bill	06/26/2020	6/26 Court Call		6/26/20 court hearing court call	6311 · Board Member Compensation	125.00
Bill	06/30/2020	6/30 Special Ag Mtg		6/30/20 Special Ag Pool meeting	6311 · Board Member Compensation	125.00

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TOTAL						625.00
<b>Bill Pmt -Check</b>	<b>07/16/2020</b>	<b>22282</b>	<b>HUITSING, JOHN</b>	<b>Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/11/2020	6/11 Ag Pool Mtg		6/11/20 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				6/11/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	06/30/2020	6/30 Special Ag Pool		6/30/20 Special Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				6/30/20 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						250.00
<b>Bill Pmt -Check</b>	<b>07/16/2020</b>	<b>22283</b>	<b>UNITED HEALTHCARE</b>	<b>052557728011</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/14/2020	052557728011		August 2020	60182.2 · Dental & Vision Ins	805.17
TOTAL						805.17
<b>Bill Pmt -Check</b>	<b>07/16/2020</b>	<b>22284</b>	<b>WESTERN MUNICIPAL WATER DISTRICT</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/25/2020	6/25 Board Mtg		6/25/20 Board meeting attendance-Galleano	6311 · Board Member Compensation	125.00
Bill	06/26/2020	6/26 Court Call		6/26/20 Court hearing attendance-Galleano	6311 · Board Member Compensation	125.00
TOTAL						250.00
<b>Bill Pmt -Check</b>	<b>07/16/2020</b>	<b>ACH 071620</b>	<b>PUBLIC EMPLOYEES' RETIREMENT SYSTEM</b>	<b>Payor #3493</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
General Journal	07/11/2020	07/11/2020	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 06/28/20-07/11/20	2000 · Accounts Payable	8,586.15
TOTAL						8,586.15
<b>General Journal</b>	<b>07/17/2020</b>	<b>07/17/2020</b>	<b>ADP, LLC</b>	<b>ADP Tax Service for 06/27/20-560495830</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
				ADP Tax Service for 06/13/20-560495830	1012 · Bank of America Gen'l Ckg	161.55
				ADP Tax Service for 06/27/20-560495830	1012 · Bank of America Gen'l Ckg	155.50
TOTAL						317.05
<b>Bill Pmt -Check</b>	<b>07/21/2020</b>	<b>22285</b>	<b>CUCAMONGA VALLEY WATER DISTRICT</b>	<b>Office Lease Payment</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/16/2020			Lease due on August 1, 2020	1422 · Prepaid Rent	7,093.14
TOTAL						7,093.14
<b>Bill Pmt -Check</b>	<b>07/21/2020</b>	<b>22286</b>	<b>FRONTIER COMMUNICATIONS</b>	<b>909-484-3890-050914-5</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/20/2020	90948438900509145		Office fax	6022 · Telephone	157.15
TOTAL						157.15
<b>Bill Pmt -Check</b>	<b>07/21/2020</b>	<b>22287</b>	<b>GREAT AMERICA LEASING CORP.</b>	<b>27432416</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/15/2020	27432416		Invoice for June 2020 - standard payment	6043.1 · Ricoh Lease Fee	1,581.74
				Supply freight fee	6043.2 · Ricoh Usage & Maintenance Fee	8.57
TOTAL						1,590.31



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<b>Bill Pmt -Check</b>	<b>07/21/2020</b>	<b>22288</b>	<b>PIERSON, JEFFREY</b>	<b>Ag Pool and Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/04/2020	6/04 Admin Mtg		6/04/20 Administrative Meeting w/PK	6311 · Board Member Compensation	125.00
Bill	06/11/2020	6/11 Ag Pool Mtg		6/11/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	06/15/2020	6/15 Personnel Comm		6/15/20 Personnel Committee Meeting	6311 · Board Member Compensation	125.00
Bill	06/18/2020	6/18 Advisory Comm		6/18/20 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	06/18/2020	6/18 Pool Chairs Mtg		6/18/20 Pool Chairs meeting	6311 · Board Member Compensation	125.00
Bill	06/19/2020	6/19 Call w/counsel		6/19/20 call w/legal counsel	6311 · Board Member Compensation	125.00
Bill	06/23/2020	6/23 Admin Mtg		6/23/20 Administrative meeting w/Pk	6311 · Board Member Compensation	125.00
Bill	06/25/2020	6/25 Board Mtg		6/25/20 Board Meeting	6311 · Board Member Compensation	125.00
Bill	06/26/2020	6/26 Court Hearing		6/26/20 Court Hearing	6311 · Board Member Compensation	125.00
Bill	06/30/2020	6/30 Ad Hoc Mtg		6/30/20 IEUA / CBWM Ad Hoc meeting	6311 · Board Member Compensation	125.00
<b>TOTAL</b>						<b>1,250.00</b>
<b>Bill Pmt -Check</b>	<b>07/21/2020</b>	<b>22289</b>	<b>SANTA ANA WATERSHED PROJECT AUTHORI 9436</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/15/2020	9436		FY 2020-21 Basin Monitoring Progrm	6903 · OBMP SAWPA Group	13,433.00
<b>TOTAL</b>						<b>13,433.00</b>
<b>Bill Pmt -Check</b>	<b>07/21/2020</b>	<b>22290</b>	<b>STAULA, MARY L</b>	<b>Retiree Medical</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/31/2020			Retiree Medical	60182.4 · Retiree Medical	30.72
<b>TOTAL</b>						<b>30.72</b>
<b>Bill Pmt -Check</b>	<b>07/21/2020</b>	<b>22291</b>	<b>TOM DODSON &amp; ASSOCIATES</b>	<b>CB271 20-7</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/30/2020	CB271 20-7		June 2020 - OBMP Update PEIR	6908.1 · 2020 OBMP Update-Dodson & Assoc	18,994.10
<b>TOTAL</b>						<b>18,994.10</b>
<b>Bill Pmt -Check</b>	<b>07/21/2020</b>	<b>22292</b>	<b>WILDERMUTH ENVIRONMENTAL INC</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/30/2020	2020218		2020218	6906.31 · OBMP-Pool, Adv. Board Mtgs	3,192.00
Bill	06/30/2020	2020219		2020219	6906.32 · OBMP-Other General Meetings	5,858.40
Bill	06/30/2020	2020220		2020220	6906.74 · OBMP-Mat'l Phy. Injury Requests	1,666.00
Bill	06/30/2020	2020221		2020221	6906.71 · OBMP-Data Req.-CBWM Staff	1,140.45
Bill	06/30/2020	2020222		2020222	6906.72 · OBMP-Data Req.-Non CBWM Staff	11,387.20
Bill	06/30/2020	2020223		2020223	6906 · OBMP Engineering Services	1,200.00
Bill	06/30/2020	2020224		2020224	6906.26 · 2020 OBMP Update	8,586.75
Bill	06/30/2020	2020225		2020225	6906.73 · OBMP-2020 Safe Yield Recalc	7,145.26
Bill	06/30/2020	2020226		2020226	6906.15 · Integrated Model Mtgs-IEUA Cost	2,303.50
Bill	06/30/2020	2020227		2020227	6906.16 · CBEWP-100% IEUA Cost	11,204.75
Bill	06/30/2020	2020228		2020228	7103.3 · Grdwtr Qual-Engineering	9,024.81
Bill	06/30/2020	2020229		2020229	7104.3 · Grdwtr Level-Engineering	28,637.11
Bill	06/30/2020	2020230		2020230	7107.2 · Grd Level-Engineering	4,161.84
Bill	06/30/2020	2020231		2020231	7107.2 · Grd Level-Engineering	4,383.95

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Bill	06/30/2020	2020232		2020232	7108.31 · Hydraulic Control - PBHSP	9,856.80
Bill	06/30/2020	2020233		2020233	7202.2 · Engineering Svc	352.80
Bill	06/30/2020	2020234		2020234	7206.1 · SB88 Specs-Ensure Compliance	5,132.30
Bill	06/30/2020	2020235		2020235	7303 · PE3&5-Engineering	1,666.50
Bill	06/30/2020	2020236		2020236	7402 · PE4-Engineering	3,980.45
Bill	06/30/2020	2020237		2020237	7402.10 · PE4 - Northwest MZ1 Area Proj.	9,020.33
Bill	06/30/2020	2020238		2020238	7510 · PE6&7-IEUA Salinity Mgmt. Plan	18,941.80
Bill	06/30/2020	2020239		2020239	7511 · PE6&7-SAWBMPTask Force-50% IEU	431.80
Bill	06/30/2020	2020240		2020240	6906.72 · OBMP-Data Req.-Non CBWM Staff	7,543.00
TOTAL						156,817.80
<b>Bill Pmt -Check</b>	<b>07/24/2020</b>	<b>22293</b>	<b>LOEB &amp; LOEB LLP</b>	<b>1898738</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/30/2020	1898738		Non-Ag Pool Legal Services - June 2020	8567 · Non-Ag Legal Service	6,125.40
TOTAL						6,125.40
<b>Bill Pmt -Check</b>	<b>07/24/2020</b>	<b>22294</b>	<b>RR FRANCHISING, INC.</b>	<b>8941</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/22/2020	89413		Carpet cleaning on 7/18/20	6024 · Building Repair & Maintenance	600.00
TOTAL						600.00
<b>Bill Pmt -Check</b>	<b>07/24/2020</b>	<b>22295</b>	<b>STANDARD INSURANCE CO.</b>	<b>Policy # 00-649299-0009</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/22/2020	006492990009		Policy # 00-649299-0009	60191 · Life & Disab.Ins Benefits	903.53
TOTAL						903.53
<b>Bill Pmt -Check</b>	<b>07/24/2020</b>	<b>22296</b>	<b>STATE COMPENSATION INSURANCE FUND</b>	<b>1970970-20</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/30/2020	1970970-19		Final premium statement - 2019	60183 · Worker's Comp Insurance	104.16
TOTAL						104.16
<b>Bill Pmt -Check</b>	<b>07/24/2020</b>	<b>22297</b>	<b>VERIZON WIRELESS</b>	<b>9858605791</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/22/2020	9858605791		Acct #642073270-00001	7103.7 · Grdwtr Qual-Computer Svc	100.04
				New modem	7103.7 · Grdwtr Qual-Computer Svc	250.00
TOTAL						350.04
<b>General Journal</b>	<b>07/25/2020</b>	<b>07/25/2020</b>	<b>Payroll and Taxes for 07/12/20-07/25/20</b>	<b>Payroll and Taxes for 07/12/20-07/25/20</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
				Direct Deposits for 07/12/20-07/25/20	1012 · Bank of America Gen'l Ckg	27,686.72
				Payroll and Taxes for 07/12/20-07/25/20	1012 · Bank of America Gen'l Ckg	8,676.96
			ICMA-RC	457(b) EE Deductions for 07/12/20-07/25/20	1012 · Bank of America Gen'l Ckg	5,476.92
			ICMA-RC	401(a) EE Deductions for 07/12/20-07/25/20	1012 · Bank of America Gen'l Ckg	1,562.57
TOTAL						43,403.17
<b>Bill Pmt -Check</b>	<b>07/28/2020</b>	<b>ACH 072820</b>	<b>PUBLIC EMPLOYEES' RETIREMENT SYSTEM</b>	<b>Payor #3493</b>	<b>1012 · Bank of America Gen'l Ckg</b>	

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**July 2020**

Financial Report - B6  
For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	07/01/2020	16090172		Annual Lump Sum Payment-Plan 27239	60180 · Employers PERS Expense	2,736.00
TOTAL						2,736.00
<b>Bill Pmt -Check</b>	<b>07/28/2020</b>	<b>ACH 072820</b>	<b>PUBLIC EMPLOYEES' RETIREMENT SYSTEM</b>	<b>Payor #3493</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/01/2020	16090166		Annual Unfunded Accrued Liability-Plan 3299	60180 · Employers PERS Expense	7,622.21
TOTAL						7,622.21
<b>Bill Pmt -Check</b>	<b>07/31/2020</b>	<b>22298</b>	<b>ACCENT COMPUTER SOLUTIONS, INC.</b>	<b>136858</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/28/2020	136858		Progress - Server Refresh Project	6055 · Computer Hardware	5,942.75
TOTAL						5,942.75
<b>Bill Pmt -Check</b>	<b>07/31/2020</b>	<b>22299</b>	<b>DE HAAN, HENRY</b>	<b>Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/11/2020	6/12 Ag Pool mtg		6/11/20 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				6/11/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	06/30/2020	6/30 Special Ag Pool		6/30/20 Special Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				6/30/20 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						250.00
<b>Bill Pmt -Check</b>	<b>07/31/2020</b>	<b>22300</b>	<b>FEDAK &amp; BROWN LLP</b>	<b>Progress Billing - Audit Services</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/30/2020			July 2020	6062 · Audit Services	1,780.00
TOTAL						1,780.00
<b>Bill Pmt -Check</b>	<b>07/31/2020</b>	<b>22301</b>	<b>GEYE, BRIAN</b>	<b>Non-Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/09/2020	7/09 Non Ag Pool Mtg		7/09/20 Non Ag Pool Meeting	8511 · Non-Ag Pool Member Compensation	125.00
Bill	07/10/2020	7/10 Court Hearing		7/10/20 Court Hearing	8511 · Non-Ag Pool Member Compensation	125.00
Bill	07/16/2020	7/16 Advisory Comm		7/16/20 Advisory Committee Meeting	8511 · Non-Ag Pool Member Compensation	125.00
Bill	07/16/2020	7/16 RIPCom Mtg		7/16/20 RIPCom Meeting	8511 · Non-Ag Pool Member Compensation	125.00
Bill	07/16/2020	7/16 Brd Offcrs/Pool		7/16/20 Board Officers/Pool Chairs Meeting	8511 · Non-Ag Pool Member Compensation	125.00
Bill	07/23/2020	7/23 Board Mtg		7/23/20 Board Meeting	8511 · Non-Ag Pool Member Compensation	125.00
TOTAL						750.00
<b>Bill Pmt -Check</b>	<b>07/31/2020</b>	<b>22302</b>	<b>PREMIERE GLOBAL SERVICES</b>	<b>29726510</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/29/2020	29726510		Appropriative Pool meeting prep call on 7/01	8312 · Meeting Expenses	6.40
				Non-Ag Pool meeting call on 7/09	8512 · Meeting Expense	6.40
				Ag Pool Contest check in call on 7/14	8412 · Meeting Expenses	6.40
				Ag Pool Contest check in call on 7/17	8412 · Meeting Expenses	6.39
				Fee - General	6022 · Telephone	39.00
				Fee - Confidential	6022 · Telephone	39.00
				Non-Ag Pool meeting call on 7/09	8512 · Meeting Expense	6.40
				Non-Ag Pool meeting call on 7/09	8512 · Meeting Expense	6.40

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**July 2020**

Financial Report - B6  
For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
				Non-Ag Pool meeting call on 7/09	8512 · Meeting Expense	6.39
				Court hearing debrief for Board call on 7/12	6312 · Meeting Expenses	28.19
				Board agenda preview call on 7/21	6312 · Meeting Expenses	21.66
				Board officers agenda prep call on 7/22	6312 · Meeting Expenses	18.32
				Call shortfalls	6022 · Telephone	78.00
				Service fee	6022 · Telephone	26.63
TOTAL						295.58
<b>Bill Pmt -Check</b>	<b>07/31/2020</b>	<b>22303</b>	<b>READY REFRESH BY NESTLE</b>	<b>0023230253</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/22/2020	0023230253		Office Water Bottle - July 2020	6031.7 · Other Office Supplies	22.37
TOTAL						22.37
<b>Bill Pmt -Check</b>	<b>07/31/2020</b>	<b>22304</b>	<b>SANTA ANA WATERSHED PROJECT AUTHORITY</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/14/2020			FY 2020-21 MSAR TMDL Task Force	8471 · Ag Pool Expense	18,484.00
TOTAL						18,484.00
<b>Bill Pmt -Check</b>	<b>07/31/2020</b>	<b>22305</b>	<b>SPECTRUM BUSINESS</b>	<b>2031978062320</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/31/2020	2031978072320		7/23/20-8/22/20	6053 · Internet Expense	803.01
TOTAL						803.01
<b>Bill Pmt -Check</b>	<b>07/31/2020</b>	<b>22306</b>	<b>VANDEN HEUVEL, GEOFFREY</b>	<b>Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/11/2020	6/11 Ag Pool Mtg		6/11/20 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				6/11/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	06/30/2020	6/30 Special Ag Pool		6/30/20 Special Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				6/30/20 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	07/09/2020	7/09 Ag Pool Mtg		7/09/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	07/17/2020	7/17 Special Ag Pool		7/17/20 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	07/22/2020	7/22 Special Ag Pool		7/22/20 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
TOTAL						625.00
<b>Bill Pmt -Check</b>	<b>07/31/2020</b>	<b>22307</b>	<b>VISION SERVICE PLAN</b>	<b>00-101789-0001</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	07/22/2020	00101789		Vision Insurance Premium - August 2020	60182.2 · Dental & Vision Ins	93.83
TOTAL						93.83
<b>Bill Pmt -Check</b>	<b>07/31/2020</b>	<b>22308</b>	<b>ACCENT COMPUTER SOLUTIONS, INC.</b>	<b>136882</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	08/01/2020	136882		Monthly Services - August 2020	6052.4 · IT Managed Services	4,067.35
				Overwatch - August 2020	6052.5 · IT Data Backup/Storage	699.00
				OmniCloud - August 2020	6052.5 · IT Data Backup/Storage	170.00
				Office 365 Subscriptions/Business - Aug. 2020	6052.4 · IT Managed Services	195.75
				Image office storage (per GB, per month)	6052.5 · IT Data Backup/Storage	759.66

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**July 2020**

Financial Report - B6  
 For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAL						5,891.76
Bill Pmt -Check	07/31/2020	ACH 073120	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	07/25/2020	07/25/2020	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 07/12/20-07/25/20	2000 · Accounts Payable	8,586.15
TOTAL						8,586.15
					<b>Total Disbursements:</b>	<b><u>1,099,258.59</u></b>

# CHINO BASIN WATERMASTER

- I. CONSENT CALENDAR
- C. APPLICATION: WATER TRANSACTION



## CHINO BASIN WATERMASTER

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

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PETER KAVOUNAS, P.E.  
General Manager

### STAFF REPORT

DATE: August 20, 2020

TO: Advisory Committee

SUBJECT: Application: Water Transaction – Carlsberg Mobile Home Properties, LTD '73 to Hamner Park Associates, LP (Consent Calendar Item I.C.)

#### SUMMARY:

Issue: The permanent transfer of 464.240 acre-feet of Safe Yield rights from Carlsberg Mobile Home Properties, LTD '73 to Hamner Park Associates, LP based on transfer of land ownership by Grant Deed dated September 30, 1987. This transfer is contingent on Hamner Park Associates, LP's successful intervention into the Overlying (Non-Agricultural) Pool.

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

Financial Impact: None

#### Future Consideration

**Advisory Committee – August 20, 2020:** Advice and Assistance

**Watermaster Board – August 25, 2020:** Approval [Within WM Duties and Powers]

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#### ACTIONS:

**Appropriative Pool – July 09, 2020:** Unanimously recommended to Advisory Committee to recommend to the Watermaster Board  
**Non-Agricultural Pool – July 09, 2020:** Unanimously recommended to Advisory Committee to recommend to the Watermaster Board subject to changes they deem appropriate.

**Agricultural Pool – July 09, 2020:** Unanimously recommended to Advisory Committee to recommend to the Watermaster Board

**Advisory Committee – August 20, 2020:**

**Watermaster Board – August 25, 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

Carlsberg Mobile Home Properties, LTD '73 ("Carlsberg") is identified in Exhibit "D" to the 1978 Judgment as a party holding Overlying (Non-Agricultural) Rights, with a share of Safe Yield of 464.240 acre feet per year. Watermaster is informed that, in 1987, Carlsberg transferred its real property described in the attached Partnership Grant Deed to Hamner Park Associates, LP ("Hamner Park"). This transfer included Carlsberg's water rights under the Judgment as, at that time, all overlying rights were considered appurtenant to the land and could not be assigned or conveyed separate or apart therefrom. (Judgment, ¶ 8.)

Watermaster has not been able to locate any approval of the transfer of Carlsberg's water rights, or Hamner Park's intervention as a Party to the Judgment. However, Hamner Park has participated as a Party to the Judgment since 1987, complying with the provisions of the Judgment and appearing in hearings before the Court in the case entitled *Chino Basin Municipal Water District v. City of Chino* (San Bernardino Superior Court Case No. RCVRS51010).

To clarify its status as a Party to the Judgment holding the former Carlsberg water rights, on June 22, 2020, Hamner Park submitted a letter requesting intervention in the Judgment and an application for a transfer of the Carlsberg water rights from Carlsberg to Hamner Park effective September 1987. The request for intervention was agendaized during the July 2020 Watermaster meetings and ultimately recommended by the Board at its July 23, 2020 meeting to file with the Court. The intervention will be filed with the Court at the next scheduled Court Hearing on September 25, 2020.

The Court approved the Peace Agreement, the Implementation Plan and the goals and objectives identified in the OBMP Phase 1 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 May 11, 2020. Notice of the transaction was transmitted electronically and mailed on July 2, 2020 along with the materials submitted by the requestors. All three Pool Committees at their respective July 9, 2020 meetings unanimously recommended the Advisory Committee to recommend Watermaster Board approval.

## 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:** May 11, 2020

**AMOUNT REQUESTED:** 464.240 Acre-Feet

<b>TRANSFER FROM (SELLER / TRANSFEROR):</b>	<b>TRANSFER TO (BUYER / TRANSFEREE):</b>
<u>Carlsberg Mobile Home Properties, LTD. - '73</u> Name of Party	<u>Hamner Park Associates, LP</u> Name of Party
<u>2800 28th Street, Suite 200</u> Street Address	<u>10877 WILSHIRE BLVD #1520</u> Street Address
<u>Santa Monica</u> <u>CA</u> <u>90405</u> City                      State      Zip Code	<u>LOS ANGELES</u> <u>CA</u> <u>90024</u> City                      State      Zip Code
_____ Telephone	<u>310-208-0075</u> Telephone
_____ Facsimile	<u>310-208-0571</u> 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 Permanent transfer based on transfer of land ownership by Grant Deed dated September 30, 1987

**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 Permanent transfer

**WATER IS TO BE TRANSFERRED TO:**

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

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

**IF WATER IS TO BE TRANSFERRED FROM STORAGE:**

N/A N/A  
 Projected Rate of Recapture Projected Duration of Recapture

**METHOD OF RECAPTURE (e.g. pumping, exchange, etc.):**

N/A

**PLACE OF USE OF WATER TO BE RECAPTURED:**

N/A

**LOCATION OF RECAPTURE FACILITIES (IF DIFFERENT FROM REGULAR PRODUCTION FACILITIES):**

N/A

**WATER QUALITY AND WATER LEVELS**

Are the Parties aware of any water quality issues that exist in the area? Yes  No

If yes, please explain:

\_\_\_\_\_

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

None, as operations of Hamner Park Associate, LP's facilities will be the same pre-transfer and post-transfer

**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

N/A - dissolved effective December 31, 1992  
Seller / Transferor Representative Name (Printed)

*HAMMILL PARK ASSOCIATES, LP*  
*[Signature]*  
 Buyer / Transferee Representative Signature

\_\_\_\_\_  
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: \_\_\_\_\_

***CHINO BASIN WATERMASTER***

**NOTICE**

**OF**

**APPLICATION(S)**

**RECEIVED FOR**

**WATER TRANSACTIONS – ACTIVITIES**

Date of Notice:

July 1, 2020

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: **May 11, 2020**

Date of this notice: **July 1, 2020**

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

- Notice of Sale or Transfer –The permanent transfer of Safe Yield Rights from Carlsberg Mobile Home Properties, LTD '73 to Hamner Park Associates, LP effective September 1987.

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

Appropriative Pool: July 9, 2020

Non-Agricultural Pool: July 9, 2020

Agricultural Pool: July 9, 2020

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

- I. CONSENT CALENDAR
- D. APPLICATION: WATER TRANSACTION



# CHINO BASIN WATERMASTER

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

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: August 20, 2020

TO: Advisory Committee

SUBJECT: Application: Water Transaction – West End Consolidated Water Company to City of Upland  
(Consent Calendar Item I.D.)

### SUMMARY:

Issue: The purchase of 708.3 acre-feet of water from West End Consolidated Water Company by the City of Upland. This purchase is made from West End Consolidated Water Company's Annual Production Right. The City of Upland is utilizing this transaction to produce its West End Consolidated Water Company shares.

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

Financial Impact: None

### Future Consideration

**Advisory Committee – August 20, 2020:** Advice and assistance.

**Watermaster Board – August 25:** Approval [Within WM Duties and Powers]

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### ACTIONS:

**Appropriative Pool – July 9, 2020:** Unanimously recommended Advisory Committee to recommend to the Watermaster Board to approve.

**Non-Agricultural Pool – July 9, 2020:** Unanimously recommended its representatives to support at Advisory Committee and Watermaster Board subject to changes they deem appropriate.

**Agricultural Pool – July 9, 2020:** Unanimously recommended Advisory Committee to recommend to the Watermaster Board to approve.

**Advisory Committee – August 20, 2020:**

**Watermaster Board – August 25, 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 June 18, 2020. Notice of the transaction was transmitted electronically on July 1, 2020 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.

The 85/15 rule does not apply for this transaction because the City of Upland is utilizing this transaction to produce its West End Consolidated Water Company shares.

All three Pool Committees at their July 9, 2020 meetings unanimously recommended the Advisory Committee to recommend Watermaster Board approval.

## ATTACHMENTS

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

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

FISCAL YEAR 20    - 20

DATE REQUESTED: June 18, 2020

AMOUNT REQUESTED: 708.3 Acre-Feet

TRANSFER FROM (SELLER / TRANSFEROR):	TRANSFER TO (BUYER / TRANSFEREE):
<u>West End Consolidated Water Company</u> Name of Party	<u>City of Upland</u> Name of Party
<u>1370 N. Benson Avenue</u> Street Address	<u>460 N. Euclid Avenue</u> Street Address
<u>Upland</u> <u>CA</u> <u>91786</u> City                              State      Zip Code	<u>Upland</u> <u>CA</u> <u>91786</u> City                              State      Zip Code
<u>(909) 291-2931</u> Telephone	<u>(909) 931-4102</u> Telephone
_____ 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 \_\_\_\_\_

**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.")**

Is the Buyer an 85/15 Party?

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

Is the purpose of the transfer to meet a current demand over and above production right? Is the water being placed into the Buyer's Annual Account?

**IF WATER IS TO BE TRANSFERRED FROM STORAGE:**

700-1,100 gpm

Projected Rate of Recapture

Projected Duration of Recapture

**METHOD OF RECAPTURE (e.g. pumping, exchange, etc.):**

Pumping

**PLACE OF USE OF WATER TO BE RECAPTURED:**

Regular Production Wells

**LOCATION OF RECAPTURE FACILITIES (IF DIFFERENT FROM REGULAR PRODUCTION FACILITIES):**

**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:

Nitrate ~ 56 ppm & DBCP ~ 0.35 ppb

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

Static Water Level ~ 55 to 610 bgs

**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 caused by the action covered by the application? Yes  No

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

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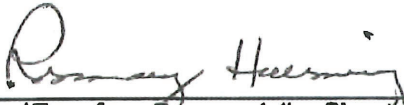
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**SAID TRANSFER SHALL BE CONDITIONED UPON:**

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

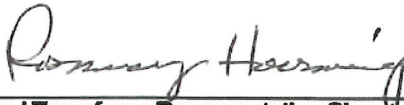
**ADDITIONAL INFORMATION ATTACHED**

Yes  No



\_\_\_\_\_  
Seller / Transferor Representative Signature

Rosemary Hoerning, General Manager  
Seller / Transferor Representative Name (Printed)



\_\_\_\_\_  
Buyer / Transferee Representative Signature

Rosemary Hoerning, City Manager  
Buyer / Transferee Representative Name (Printed)

**TO BE COMPLETED BY WATERMASTER STAFF:**

DATE OF WATERMASTER NOTICE: \_\_\_\_\_

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

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

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

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

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

DATE OF BOARD APPROVAL: \_\_\_\_\_

***CHINO BASIN WATERMASTER***

**NOTICE**

**OF**

**APPLICATION(S)**

**RECEIVED FOR**

**WATER TRANSACTIONS – ACTIVITIES**

Date of Notice:

July 1, 2020

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: **June 18, 2020**

Date of this notice: **July 1, 2020**

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

- Notice of Sale or Transfer –The purchase of 708.3 acre-feet of water from West End Consolidated Water Company by the City of Upland. This purchase is made from West End Consolidated Water Company’s Annual Production Right. The City of Upland is utilizing this transaction to produce its West End Consolidated Water Company shares.

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

Appropriative Pool: July 9, 2020

Non-Agricultural Pool: July 9, 2020

Agricultural Pool: July 9, 2020

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

- I. CONSENT CALENDAR
  - E. APPLICATION: WATER TRANSACTION



# CHINO BASIN WATERMASTER

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

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: August 20, 2020

TO: Advisory Committee

SUBJECT: Application: Water Transaction – Nicholson Trust to Nicholson Family Trust – Exempt Marital Trust (Consent Calendar Item I.E.)

### SUMMARY:

Issue: The permanent transfer of Safe Yield Rights from Nicholson Trust to Nicholson Family Trust – Exempt Marital Trust

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

Financial Impact: None

### Future Consideration

**Advisory Committee – August 20, 2020:** Advice and assistance.

**Watermaster Board – August 25, 2020** Approval [Within WM Duties and Powers]

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### ACTIONS:

**Appropriative Pool – July 9, 2020:** Unanimously recommended Advisory Committee to recommend to the Watermaster Board to approve.

**Non-Agricultural Pool July 9, 2020:** Unanimously recommended its representatives to support at Advisory Committee and Watermaster Board subject to changes they deem appropriate.

**Agricultural Pool – July 9, 2020:** Unanimously recommended Advisory Committee to recommend to the Watermaster Board to approve.

**Advisory Committee – August 20, 2020:**

**Watermaster Board – August 25, 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 June 8, 2020. Notice of the transaction was transmitted electronically on July 1, 2020 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.

All three Pool Committees at their July 9, 2020 meetings unanimously recommended the Advisory Committee to recommend Watermaster Board approval.

## 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 2020 - 2021

Permanent

DATE REQUESTED: June 8, 2020

AMOUNT REQUESTED: \_\_\_\_\_  
 Safe Yield Rights  
 Acre-Feet

<b>TRANSFER FROM (SELLER / TRANSFEROR):</b> <u>The Nicholson Trust</u> <hr/> Name of Party <u>Post Office Box 6010</u> <hr/> Street Address <u>El Monte</u> <u>CA.</u> <u>91734</u> <hr/> City                                      State      Zip Code <u>(626) 448-6183</u> <hr/> Telephone <u>(626) 448-5530</u> <hr/> Facsimile	<b>TRANSFER TO (BUYER / TRANSFEREE):</b> <u>The Nicholson Family Trust</u> <hr/> Name of Party <u>Post Office Box 6010</u> <hr/> Street Address <u>El Monte</u> <u>CA.</u> <u>91734</u> <hr/> City                                      State      Zip Code <u>(626) 448-6183</u> <hr/> Telephone <u>(626) 448-5530</u> <hr/> Facsimile
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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 Name Change

**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 Permanent Transfer of Safe Yield

**WATER IS TO BE TRANSFERRED TO:**

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

**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

<b>IF WATER IS TO BE TRANSFERRED FROM STORAGE:</b>	
N/A	N/A
Projected Rate of Recapture	Projected Duration of Recapture
<b>METHOD OF RECAPTURE (e.g. pumping, exchange, etc.):</b>	
N/A	
<b>PLACE OF USE OF WATER TO BE RECAPTURED:</b>	
N/A	
<b>LOCATION OF RECAPTURE FACILITIES (IF DIFFERENT FROM REGULAR PRODUCTION FACILITIES):</b>	
N/A	

**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:

Recent perchlorate levels range from ND to 8.2 ppb and nitrate levels range from 0.47 to 10.0 ppm.

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

Static water levels range from 322 bgs to 683 bgs as of November 2019.

**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?

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**SAID TRANSFER SHALL BE CONDITIONED UPON:**

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

**ADDITIONAL INFORMATION ATTACHED**

Yes  No



Seller / Transferor Representative Signature

**Debra Nicholson, Trustee**

Seller / Transferor Representative Name (Printed)



Buyer / Transferee Representative Signature

**Debra Nicholson, Trustee**

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: \_\_\_\_\_

***CHINO BASIN WATERMASTER***

**NOTICE**

**OF**

**APPLICATION(S)**

**RECEIVED FOR**

**WATER TRANSACTIONS – ACTIVITIES**

Date of Notice:

July 1, 2020

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: **June 9, 2020**

Date of this notice: **July 1, 2020**

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

- Notice of Sale or Transfer – The permanent transfer of Safe Yield Rights from Nicholson Trust to Nicholson Family Trust - Exempt Marital Trust.

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

Appropriative Pool: July 9, 2020

Non-Agricultural Pool: July 9, 2020

Agricultural Pool: July 9, 2020

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

- I. CONSENT CALENDAR
  - F. APPLICATION: RECHARGE



# CHINO BASIN WATERMASTER

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

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: August 20, 2020  
TO: Advisory Committee  
SUBJECT: Application: Recharge – Cucamonga Valley Water District  
(Consent Calendar Item I.F.)

### SUMMARY:

Issue: On June 3, 2020 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 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

**Advisory Committee – August 20, 2020:** Advice and Assistance

**Watermaster Board – August 25, 2020:** Approval [Within WM Duties and Powers]

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### ACTIONS:

**Appropriative Pool – July 09, 2020:** Unanimously recommended to Advisory Committee to recommend to the Watermaster Board

**Non-Agricultural Pool – July 09, 2020:** Unanimously recommended to Advisory Committee to recommend to the Watermaster Board subject to changes they deem appropriate.

**Agricultural Pool – July 09, 2020:** Unanimously recommended to Advisory Committee to recommend to the Watermaster Board

**Advisory Committee – August 20, 2020:**

**Watermaster Board – August 25, 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 June 5, 2020, 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 June 23, 2020 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 September 2020 and March 2021 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 June 5, 2020
2. CVWD Discharge to Turner Basins Map
3. June 23, 2020 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 June 8, 2020 (hereafter June 8, 2020 recharge application)*
4. CVWD Well Water Quality

*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*

Form 2a - Application for Supplemental Water Recharge

Applicant Information and Recharge Request			
Person	Cucamonga Valley Water District	Date Requested	06/05/2020
Contact (individual)	Eduardo Espinoza	Date Approved	
Street Address	10440 Ashford St	Proposed Period of Time Covered by Recharge Application (mm/yyyy to mm/yyyy)	09/2020 to 03/2021
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	EduardoE@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) <span style="float: right;">Treated effluent from CVWD's Cucamonga Basin Wells 16, 19 and 24.</span>
<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) <span style="float: right;">Turner Basin</span>
	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:   
 Digitally signed by Eduardo Espinoza  
 Date: 2020.06.08 12:44:48 -07'00'  
 Applicant

June 8, 2020  
 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 \_\_\_\_\_





June 23, 2020

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 June 8, 2020 (hereafter June 8, 2020 recharge application)**

Dear Mr. Kavounas:

Pursuant to your direction, Wildermuth Environmental, Inc. (WEI) conducted a material physical injury (MPI) analysis of the CVWD's June 8, 2020 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 June 8, 2020**

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 September 2020 through March 2021. The CVWD proposes to pump groundwater from three of its wells in the Cucamonga Basin, 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.<sup>1</sup> 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 June 8, 2020 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 March 2020, 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

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<sup>1</sup> Based on the estimated average annual supplemental water recharge capacity at Turner Basins of 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 over the 7-month period between September 2020 and March 2021, 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 350 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.<sup>2</sup>

The source of the supplemental water in the CVWD's June 8, 2020 recharge application is a blend of treated and untreated groundwater from three wells in the Cucamonga Basin. The CVWD provided water quality data from 2018 through 2020 for the treated and untreated groundwater. WEI supplemented this data with 2014-2017 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-weighted<sup>3</sup> 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 3.4 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 0.8 mg/l (ranging from 0.5 to 0.9 mg/l).

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

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<sup>2</sup> As of December 2019, 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 262 mg/l and 1.7 mg/l, respectively.

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

Watermaster and the IEUA's regulatory obligations. The SAT-adjusted volume-weighted 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 June 8, 2020 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 September 2020 and March 2021.


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*



Sample Date	Location	Constituent	Results	Units
3/28/2018	Well 16	1,2,3-Trichloropropane	0	µg/L
5/16/2018	Well 16	1,2,3-Trichloropropane	0	µg/L
7/3/2018	Well 16	1,1,1,2-Tetrachloroethane	0	µg/L
7/3/2018	Well 16	1,1,1-Trichloroethane (1,1,1-TCA)	0	µg/L
7/3/2018	Well 16	1,1,2,2-Tetrachloroethane	0	µg/L
7/3/2018	Well 16	1,1,2-Trichloroethane (1,1,2-TCA)	0	µg/L
7/3/2018	Well 16	1,1-Dichloroethane (1,1-DCA)	0	µg/L
7/3/2018	Well 16	1,1-Dichloropropene	0	µg/L
7/3/2018	Well 16	1,2,3-Trichlorobenzene	0	µg/L
7/3/2018	Well 16	1,2,4-Trichlorobenzene	0	µg/L
7/3/2018	Well 16	1,2,4-Trimethylbenzene	0	µg/L
7/3/2018	Well 16	1,2-Dichlorobenzene (o-DCB)	0	µg/L
7/3/2018	Well 16	1,2-Dichloroethane (1,2-DCA)	0	µg/L
7/3/2018	Well 16	1,2-Dichloropropane	0	µg/L
7/3/2018	Well 16	1,3,5-Trimethylbenzene	0	µg/L
7/3/2018	Well 16	1,3-Dichlorobenzene (m-DCB)	0	µg/L
7/3/2018	Well 16	1,3-Dichloropropane	0	µg/L
7/3/2018	Well 16	1,3-Dichloropropene	0	µg/L
7/3/2018	Well 16	1,4-Dichlorobenzene (p-DCB)	0	µg/L
7/3/2018	Well 16	2,2-Dichloropropane	0	µg/L
7/3/2018	Well 16	2-Butanone (MEK)	0	
7/3/2018	Well 16	2-Chloroethylvinyl Ether	0	µg/L
7/3/2018	Well 16	2-Chlorotoluene	0	µg/L
7/3/2018	Well 16	2-Hexanone	0	µg/L
7/3/2018	Well 16	4-Chlorotoluene	0	µg/L
7/3/2018	Well 16	4-Methyl-2-Pentanone (MIBK)	0	
7/3/2018	Well 16	Aluminum (Al)	5	µg/L
7/3/2018	Well 16	Anion Sum	5	
7/3/2018	Well 16	Antimony (Sb)	0	µg/L
7/3/2018	Well 16	Apparent Color (Unfiltered) Units	0	Units
7/3/2018	Well 16	Arsenic (As)	0.96	µg/L
7/3/2018	Well 16	Barium (Ba)	58	µg/L
7/3/2018	Well 16	Benzene	0	µg/L
7/3/2018	Well 16	Beryllium (Be)	0	µg/L
7/3/2018	Well 16	Bicarbonate (HCO3)	200	mg/L
7/3/2018	Well 16	Bromobenzene	0	µg/L
7/3/2018	Well 16	Bromochloromethane	0	µg/L
7/3/2018	Well 16	Bromodichloromethane	0	µg/L
7/3/2018	Well 16	Bromoform	0	µg/L
7/3/2018	Well 16	Bromomethane (Methyl Bromide)	0	µg/L
7/3/2018	Well 16	Cadmium (Cd)	0	µg/L
7/3/2018	Well 16	Calcium (Ca)	79.5	mg/L
7/3/2018	Well 16	Carbon Tetrachloride	0	µg/L
7/3/2018	Well 16	Carbonate (CO3)	0	mg/L
7/3/2018	Well 16	Cation Sum	5.6	
7/3/2018	Well 16	Chloride (Cl)	27	mg/L
7/3/2018	Well 16	Chloroethane	0	µg/L
7/3/2018	Well 16	Chloroform	0.85	µg/L
7/3/2018	Well 16	Chloromethane (Methyl Chloride)	0	µg/L
7/3/2018	Well 16	Chromium (Total Cr)	0.78	µg/L
7/3/2018	Well 16	cis-1,2-Dichloroethylene (c-1,2-DCE)	0	µg/L

Sample Date	Location	Constituent	Results	Units
7/3/2018	Well 16	cis-1,3-Dichloropropene	0	µg/L
7/3/2018	Well 16	Copper (Cu)	13	µg/L
7/3/2018	Well 16	Cyanide (CN)	0	µg/L
7/3/2018	Well 16	Dibromochloromethane	0	µg/L
7/3/2018	Well 16	Dibromochloropropane (DBCP)	0	µg/L
7/3/2018	Well 16	Dibromomethane	0	µg/L
7/3/2018	Well 16	Dichlorodifluoromethane	0	µg/L
7/3/2018	Well 16	Di-isopropyl ether	0	
7/3/2018	Well 16	Ethyl tert-Butyl Ether (ETBE)	0	µg/L
7/3/2018	Well 16	Ethylbenzene	0	µg/L
7/3/2018	Well 16	Ethylene Dibromide (EDB)	0	µg/L
7/3/2018	Well 16	Fluoride (F)	0.35	mg/L
7/3/2018	Well 16	Hexachlorobutadiene	0	µg/L
7/3/2018	Well 16	Hydroxide (OH)	0	mg/L
7/3/2018	Well 16	Iron (Fe)	110	µg/L
7/3/2018	Well 16	Isopropylbenzene (Cumene)	0	µg/L
7/3/2018	Well 16	Lab Turbidity	0.17	NTU
7/3/2018	Well 16	Langelier Index	1.03	
7/3/2018	Well 16	Langlier Index at source temperature	0.515	Deg C
7/3/2018	Well 16	Lead (Pb)	1.2	µg/L
7/3/2018	Well 16	m,p-Xylene	0	µg/L
7/3/2018	Well 16	Magnesium (Mg)	11.7	mg/L
7/3/2018	Well 16	Manganese (Mn)	2.8	µg/L
7/3/2018	Well 16	Mercury (Hg)	0	µg/L
7/3/2018	Well 16	Methyl tert-Butyl Ether (MTBE)	0	µg/L
7/3/2018	Well 16	Methylene Blue Active Subs. (MBAS)	0	µg/L
7/3/2018	Well 16	Monochlorobenzene (Chlorobenzene)	0	µg/L
7/3/2018	Well 16	Naphthalene	0	µg/L
7/3/2018	Well 16	n-Butylbenzene	0	µg/L
7/3/2018	Well 16	n-Butylbenzene	1.1	µg/L
7/3/2018	Well 16	Nitrate & Nitrite as Nitrogen (N)	16000	µg/L
7/3/2018	Well 16	Nitrate as N (NO3-N)	16	mg/L
7/3/2018	Well 16	Nitrite (as N)	0	µg/L
7/3/2018	Well 16	n-Propylbenzene	0	µg/L
7/3/2018	Well 16	Odor Threshold at 60 C	1	TON
7/3/2018	Well 16	o-Xylene	0	µg/L
7/3/2018	Well 16	PH (Laboratory)	7.86	Standard Units
7/3/2018	Well 16	p-Isopropyltoluene	0	µg/L
7/3/2018	Well 16	Potassium (K)	2.1	mg/L
7/3/2018	Well 16	sec-Butylbenzene	0	µg/L
7/3/2018	Well 16	Selenium (Se)	0	µg/L
7/3/2018	Well 16	Silver (Ag)	0	µg/L
7/3/2018	Well 16	Sodium (Na)	15	mg/L
7/3/2018	Well 16	Specific Conductance (E.C.)	600	umhos/cm
7/3/2018	Well 16	Styrene	0	µg/L
7/3/2018	Well 16	Sulfate (SO4)	46	mg/L
7/3/2018	Well 16	tert-Amyl Methyl Ether (TAME)	0	µg/L
7/3/2018	Well 16	tert-Butylbenzene	0	µg/L
7/3/2018	Well 16	Tetrachloroethylene (PCE)	0	µg/L
7/3/2018	Well 16	Thallium (Tl)	0	µg/L
7/3/2018	Well 16	Toluene	0	µg/L
7/3/2018	Well 16	Total Alkalinity (as CaCO3)	160	mg/L
7/3/2018	Well 16	Total Filterable Residue/TDS	410	mg/L

Sample Date	Location	Constituent	Results	Units
7/3/2018	Well 16	Total Hardness (as CaCO <sub>3</sub> )	247	mg/L
7/3/2018	Well 16	Total Trihalomethanes (TTHM)	0	µg/L
7/3/2018	Well 16	Total Xylenes (m,p & o)	0	µg/L
7/3/2018	Well 16	trans-1,2-Dichloroethylene (t-1,2-DCE)	0	µg/L
7/3/2018	Well 16	trans-1,3-Dichloropropene	0	µg/L
7/3/2018	Well 16	Trichloroethylene (TCE)	0	µg/L
7/3/2018	Well 16	Trichlorofluoromethane (Freon 11)	0	µg/L
7/3/2018	Well 16	Trichlorotrifluoroethane (Freon 113)	0	µg/L
7/3/2018	Well 16	Vinyl Chloride (VC)	0	µg/L
7/3/2018	Well 16	Zinc (Zn)	0	µg/L
8/22/2018	Well 16	1,2,3-Trichloropropane	0	µg/L
8/22/2018	Well 16	Total Filterable Residue/TDS	440	mg/L
11/27/2018	Well 16	1,2,3-Trichloropropane	0	µg/L
11/21/2019	Well 16	Dibromochloropropane (DBCP)	0	µg/L
11/21/2019	Well 16	E. Coli Bacteria (P/A)	0	p/a
11/21/2019	Well 16	Nitrate as N (NO <sub>3</sub> -N)	12	mg/L
11/21/2019	Well 16	Nitrate as N (NO <sub>3</sub> -N)	12	mg/L
11/21/2019	Well 16	Nitrate as N (NO <sub>3</sub> -N)	13	mg/L
11/21/2019	Well 16	Total Alpha	1.9	pCi/L
11/21/2019	Well 16	Total Alpha	6.81	pCi/L
11/21/2019	Well 16	Total Coliform (P/A)	0	p/a
4/7/2020	Well 16	Chlorine Residual (free)	0.56	mg/L
4/7/2020	Well 16	Dibromochloropropane (DBCP)	0	µg/L
4/7/2020	Well 16	Nitrate as N (NO <sub>3</sub> -N)	13	mg/L
4/28/2020	Well 16	Dibromochloropropane (DBCP)	0	µg/L
4/28/2020	Well 16	E. Coli Bacteria (P/A)	0	p/a
4/28/2020	Well 16	Nitrate as N (NO <sub>3</sub> -N)	11	mg/L
4/28/2020	Well 16	Total Coliform (P/A)	0	p/a
4/28/2020	Well 16	Total Filterable Residue/TDS	360	mg/L
5/27/2020	Well 16	Dibromochloropropane (DBCP)	0	µg/L
5/27/2020	Well 16	E. Coli Bacteria (P/A)	0	p/a
5/27/2020	Well 16	Nitrate as N (NO <sub>3</sub> -N)	11	mg/L
5/27/2020	Well 16	Total Coliform (P/A)	0	p/a

Sample Date	Location	Constituent	Results	Units
1/2/2018	Well 19	Dibromochloropropane (DBCP)	0.16	µg/L
1/2/2018	Well 19	E. Coli Bacteria (P/A)	0	p/a
1/2/2018	Well 19	Nitrate as N (NO3-N)	6	mg/L
1/2/2018	Well 19	Total Coliform (P/A)	0	p/a
2/7/2018	Well 19	E. Coli Bacteria (P/A)	0	p/a
2/7/2018	Well 19	Total Coliform (P/A)	0	p/a
2/22/2018	Well 19	1,2,3-Trichloropropane	0	µg/L
3/7/2018	Well 19	E. Coli Bacteria (P/A)	0	p/a
3/7/2018	Well 19	Total Coliform (P/A)	0	p/a
3/20/2018	Well 19	Dibromochloropropane (DBCP)	0.18	µg/L
3/20/2018	Well 19	Nitrate as N (NO3-N)	6.6	mg/L
3/26/2018	Well 19	Dibromochloropropane (DBCP)	0.32	µg/L
3/26/2018	Well 19	Nitrate as N (NO3-N)	13	mg/L
4/2/2018	Well 19	Dibromochloropropane (DBCP)	0.18	µg/L
4/2/2018	Well 19	E. Coli Bacteria (P/A)	0	p/a
4/2/2018	Well 19	Nitrate as N (NO3-N)	7.9	mg/L
4/2/2018	Well 19	Total Coliform (P/A)	0	p/a
4/9/2018	Well 19	Dibromochloropropane (DBCP)	0.21	µg/L
4/9/2018	Well 19	Nitrate as N (NO3-N)	8.4	mg/L
4/16/2018	Well 19	Dibromochloropropane (DBCP)	0.18	µg/L
4/16/2018	Well 19	Nitrate as N (NO3-N)	5.6	mg/L
4/23/2018	Well 19	Dibromochloropropane (DBCP)	0.15	µg/L
4/23/2018	Well 19	Nitrate as N (NO3-N)	8.1	mg/L
4/30/2018	Well 19	Dibromochloropropane (DBCP)	0.18	µg/L
4/30/2018	Well 19	Nitrate as N (NO3-N)	8.5	mg/L
5/7/2018	Well 19	Dibromochloropropane (DBCP)	0.17	µg/L
5/7/2018	Well 19	E. Coli Bacteria (P/A)	0	p/a
5/7/2018	Well 19	Nitrate as N (NO3-N)	5.3	mg/L
5/7/2018	Well 19	Total Coliform (P/A)	0	p/a
5/16/2018	Well 19	1,2,3-Trichloropropane	0	µg/L
6/4/2018	Well 19	E. Coli Bacteria (P/A)	0	p/a
6/4/2018	Well 19	Total Coliform (P/A)	0	p/a
6/20/2018	Well 19	1,1,1,2-Tetrachloroethane	0	µg/L
6/20/2018	Well 19	1,1,1-Trichloroethane (1,1,1-TCA)	0	µg/L
6/20/2018	Well 19	1,1,2,2-Tetrachloroethane	0	µg/L
6/20/2018	Well 19	1,1,2-Trichloroethane (1,1,2-TCA)	0	µg/L
6/20/2018	Well 19	1,1-Dichloroethane (1,1-DCA)	0	µg/L
6/20/2018	Well 19	1,1-Dichloropropene	0	µg/L
6/20/2018	Well 19	1,2,3-Trichlorobenzene	0	µg/L
6/20/2018	Well 19	1,2,4-Trichlorobenzene	0	µg/L
6/20/2018	Well 19	1,2,4-Trimethylbenzene	0	µg/L
6/20/2018	Well 19	1,2-Dichlorobenzene (o-DCB)	0	µg/L
6/20/2018	Well 19	1,2-Dichloroethane (1,2-DCA)	0	µg/L
6/20/2018	Well 19	1,2-Dichloropropane	0	µg/L
6/20/2018	Well 19	1,3,5-Trimethylbenzene	0	µg/L
6/20/2018	Well 19	1,3-Dichlorobenzene (m-DCB)	0	µg/L
6/20/2018	Well 19	1,3-Dichloropropane	0	µg/L
6/20/2018	Well 19	1,3-Dichloropropene	0	µg/L
6/20/2018	Well 19	1,4-Dichlorobenzene (p-DCB)	0	µg/L
6/20/2018	Well 19	2,2-Dichloropropane	0	µg/L
6/20/2018	Well 19	2-Butanone (MEK)	0	
6/20/2018	Well 19	2-Chloroethylvinyl Ether	0	µg/L
6/20/2018	Well 19	2-Chlorotoluene	0	µg/L
6/20/2018	Well 19	2-Hexanone	0	µg/L
6/20/2018	Well 19	4-Chlorotoluene	0	µg/L
6/20/2018	Well 19	4-Methyl-2-Pentanone (MIBK)	0	
6/20/2018	Well 19	Aluminum (Al)	0	µg/L

Sample Date	Location	Constituent	Results	Units
6/20/2018	Well 19	Anion Sum	4	
6/20/2018	Well 19	Antimony (Sb)	0	µg/L
6/20/2018	Well 19	Apparent Color (Unfiltered) Units	0	Units
6/20/2018	Well 19	Arsenic (As)	1.1	µg/L
6/20/2018	Well 19	Barium (Ba)	44	µg/L
6/20/2018	Well 19	Benzene	0	µg/L
6/20/2018	Well 19	Beryllium (Be)	0	µg/L
6/20/2018	Well 19	Bicarbonate (HCO3)	200	mg/L
6/20/2018	Well 19	Bromobenzene	0	µg/L
6/20/2018	Well 19	Bromochloromethane	0	µg/L
6/20/2018	Well 19	Bromodichloromethane	0	µg/L
6/20/2018	Well 19	Bromoform	0	µg/L
6/20/2018	Well 19	Bromomethane (Methyl Bromide)	0	µg/L
6/20/2018	Well 19	Cadmium (Cd)	0	µg/L
6/20/2018	Well 19	Calcium (Ca)	66.1	mg/L
6/20/2018	Well 19	Carbon Tetrachloride	0	µg/L
6/20/2018	Well 19	Carbonate (CO3)	0	mg/L
6/20/2018	Well 19	Cation Sum	4.5	
6/20/2018	Well 19	Chloride (Cl)	7.1	mg/L
6/20/2018	Well 19	Chloroethane	0	µg/L
6/20/2018	Well 19	Chloroform	0	µg/L
6/20/2018	Well 19	Chloromethane (Methyl Chloride)	0	µg/L
6/20/2018	Well 19	Chromium (Total Cr)	0.4	µg/L
6/20/2018	Well 19	cis-1,2-Dichloroethylene (c-1,2-DCE)	0	µg/L
6/20/2018	Well 19	cis-1,3-Dichloropropene	0	µg/L
6/20/2018	Well 19	Copper (Cu)	4.5	µg/L
6/20/2018	Well 19	Cyanide (CN)	0	µg/L
6/20/2018	Well 19	Dibromochloromethane	0	µg/L
6/20/2018	Well 19	Dibromochloropropane (DBCP)	0.18	µg/L
6/20/2018	Well 19	Dibromomethane	0	µg/L
6/20/2018	Well 19	Dichlorodifluoromethane	0	µg/L
6/20/2018	Well 19	Di-isopropyl ether	0	
6/20/2018	Well 19	Ethyl tert-Butyl Ether (ETBE)	0	µg/L
6/20/2018	Well 19	Ethylbenzene	0	µg/L
6/20/2018	Well 19	Ethylene Dibromide (EDB)	0	µg/L
6/20/2018	Well 19	Fluoride (F)	0.33	mg/L
6/20/2018	Well 19	Hexachlorobutadiene	0	µg/L
6/20/2018	Well 19	Hydroxide (OH)	0	mg/L
6/20/2018	Well 19	Iron (Fe)	45	µg/L
6/20/2018	Well 19	Isopropylbenzene (Cumene)	0	µg/L
6/20/2018	Well 19	Lab Turbidity	0	NTU
6/20/2018	Well 19	Langelier Index	1.05	
6/20/2018	Well 19	Langlier Index at source temperature	0.526	Deg C
6/20/2018	Well 19	Lead (Pb)	0.56	µg/L
6/20/2018	Well 19	m,p-Xylene	0	µg/L
6/20/2018	Well 19	Magnesium (Mg)	8.98	mg/L
6/20/2018	Well 19	Manganese (Mn)	0.72	µg/L
6/20/2018	Well 19	Mercury (Hg)	0	µg/L
6/20/2018	Well 19	Methyl tert-Butyl Ether (MTBE)	0	µg/L
6/20/2018	Well 19	Methylene Blue Active Subs. (MBAS)	0	µg/L

Sample Date	Location	Constituent	Results	Units
6/20/2018	Well 19	Monochlorobenzene (Chlorobenzene)	0	µg/L
6/20/2018	Well 19	Naphthalene	0	µg/L
6/20/2018	Well 19	n-Butylbenzene	0	µg/L
6/20/2018	Well 19	n-Butylbenzene	1.8	µg/L
6/20/2018	Well 19	Nitrate & Nitrite as Nitrogen (N)	6700	µg/L
6/20/2018	Well 19	Nitrate as N (NO3-N)	6.7	mg/L
6/20/2018	Well 19	Nitrite (as N)	0	µg/L
6/20/2018	Well 19	n-Propylbenzene	0	µg/L
6/20/2018	Well 19	Odor Threshold at 60 C	1	TON
6/20/2018	Well 19	o-Xylene	0	µg/L
6/20/2018	Well 19	PH (Laboratory)	7.91	Units
6/20/2018	Well 19	p-isopropyltoluene	0	µg/L
6/20/2018	Well 19	Potassium (K)	1.8	mg/L
6/20/2018	Well 19	sec-Butylbenzene	0	µg/L
6/20/2018	Well 19	Selenium (Se)	0	µg/L
6/20/2018	Well 19	Silver (Ag)	0	µg/L
6/20/2018	Well 19	Sodium (Na)	11	mg/L
6/20/2018	Well 19	Specific Conductance (E.C.)	430	umhos/cm
6/20/2018	Well 19	Styrene	0	µg/L
6/20/2018	Well 19	Sulfate (SO4)	27	mg/L
6/20/2018	Well 19	tert-Amyl Methyl Ether (TAME)	0	µg/L
6/20/2018	Well 19	tert-Butylbenzene	0	µg/L
6/20/2018	Well 19	Tetrachloroethylene (PCE)	0	µg/L
6/20/2018	Well 19	Thallium (Tl)	0	µg/L
6/20/2018	Well 19	Toluene	0	µg/L
6/20/2018	Well 19	Total Alkalinity (as CaCO3)	160	mg/L
6/20/2018	Well 19	Total Filterable Residue/TDS	260	mg/L
6/20/2018	Well 19	Total Hardness (as CaCO3)	202	mg/L
6/20/2018	Well 19	Total Trihalomethanes (TTHM)	0	µg/L
6/20/2018	Well 19	Total Xylenes (m,p & o)	0	µg/L
6/20/2018	Well 19	trans-1,2-Dichloroethylene (t-1,2-DCE)	0	µg/L
6/20/2018	Well 19	trans-1,3-Dichloropropene	0	µg/L
6/20/2018	Well 19	Trichloroethylene (TCE)	0	µg/L
6/20/2018	Well 19	Trichlorofluoromethane (Freon 11)	0	µg/L
6/20/2018	Well 19	Trichlorotrifluoroethane (Freon 113)	0	µg/L
6/20/2018	Well 19	Vinyl Chloride (VC)	0	µg/L
6/20/2018	Well 19	Zinc (Zn)	0	µg/L
7/2/2018	Well 19	E. Coli Bacteria (P/A)	0	p/a
7/2/2018	Well 19	Total Coliform (P/A)	0	p/a
8/6/2018	Well 19	E. Coli Bacteria (P/A)	0	p/a
8/6/2018	Well 19	Total Coliform (P/A)	0	p/a
8/6/2018	Well 19	Total Filterable Residue/TDS	270	mg/L
8/8/2018	Well 19	Dibromochloropropane (DBCP)	0.18	µg/L
8/8/2018	Well 19	Nitrate as N (NO3-N)	8.6	mg/L
8/13/2018	Well 19	Dibromochloropropane (DBCP)	0.21	µg/L
8/13/2018	Well 19	Nitrate as N (NO3-N)	9.2	mg/L
8/20/2018	Well 19	1,2,3-Trichloropropane	0	µg/L
8/20/2018	Well 19	Dibromochloropropane (DBCP)	0.17	µg/L
8/20/2018	Well 19	Nitrate as N (NO3-N)	9.4	mg/L
9/4/2018	Well 19	E. Coli Bacteria (P/A)	0	p/a
9/4/2018	Well 19	Total Coliform (P/A)	0	p/a
10/1/2018	Well 19	E. Coli Bacteria (P/A)	0	p/a

Sample Date	Location	Constituent	Results	Units
10/1/2018	Well 19	Total Coliform (P/A)	0	p/a
11/5/2018	Well 19	1,2,3-Trichloropropane	0	µg/L
11/5/2018	Well 19	E. Coli Bacteria (P/A)	0	p/a
11/5/2018	Well 19	Total Coliform (P/A)	0	p/a
12/19/2018	Well 19	E. Coli Bacteria (P/A)	0	p/a
12/19/2018	Well 19	Total Coliform (P/A)	0	p/a
1/7/2019	Well 19	Dibromochloropropane (DBCP)	0.18	µg/L
1/7/2019	Well 19	E. Coli Bacteria (P/A)	0	p/a
1/7/2019	Well 19	Nitrate as N (NO3-N)	5.7	mg/L
1/7/2019	Well 19	Total Coliform (P/A)	0	p/a
2/21/2019	Well 19	Dibromochloropropane (DBCP)	0.05	µg/L
2/21/2019	Well 19	E. Coli Bacteria (P/A)	0	p/a
2/21/2019	Well 19	Nitrate as N (NO3-N)	2.7	mg/L
2/21/2019	Well 19	Total Coliform (P/A)	0	p/a
3/18/2019	Well 19	Dibromochloropropane (DBCP)	0.017	µg/L
3/18/2019	Well 19	E. Coli Bacteria (P/A)	0	p/a
3/18/2019	Well 19	Nitrate as N (NO3-N)	2	mg/L
3/18/2019	Well 19	Total Coliform (P/A)	0	p/a
4/29/2019	Well 19	Dibromochloropropane (DBCP)	0.038	µg/L
4/29/2019	Well 19	E. Coli Bacteria (P/A)	0	p/a
4/29/2019	Well 19	Nitrate as N (NO3-N)	2.9	mg/L
4/29/2019	Well 19	Total Coliform (P/A)	0	p/a
5/13/2019	Well 19	Dibromochloropropane (DBCP)	0.17	µg/L
5/13/2019	Well 19	E. Coli Bacteria (P/A)	0	p/a
5/13/2019	Well 19	Nitrate as N (NO3-N)	7.5	mg/L
5/13/2019	Well 19	Total Coliform (P/A)	0	p/a
5/22/2019	Well 19	Dibromochloropropane (DBCP)	0.16	µg/L
5/22/2019	Well 19	Nitrate as N (NO3-N)	6	mg/L
5/22/2019	Well 19	Perchlorate (Low Level)	0	µg/L
7/25/2019	Well 19	Dibromochloropropane (DBCP)	0.021	µg/L
7/25/2019	Well 19	E. Coli Bacteria (P/A)	0	p/a
7/25/2019	Well 19	Nitrate as N (NO3-N)	2.9	mg/L
7/25/2019	Well 19	Perchlorate (Low Level)	0	µg/L
7/25/2019	Well 19	Total Alpha	4.04	pCi/L
7/25/2019	Well 19	Total Coliform (P/A)	0	p/a
8/19/2019	Well 19	Dibromochloropropane (DBCP)	0.018	µg/L
8/19/2019	Well 19	E. Coli Bacteria (P/A)	0	p/a
8/19/2019	Well 19	Nitrate as N (NO3-N)	2.7	mg/L
8/19/2019	Well 19	Total Coliform (P/A)	0	p/a
8/19/2019	Well 19	Total Filterable Residue/TDS	240	mg/L
10/15/2019	Well 19	Dibromochloropropane (DBCP)	0.01	µg/L
10/15/2019	Well 19	E. Coli Bacteria (P/A)	0	p/a
10/15/2019	Well 19	Nitrate as N (NO3-N)	2	mg/L
10/15/2019	Well 19	Total Coliform (P/A)	0	p/a
11/21/2019	Well 19	Dibromochloropropane (DBCP)	0	µg/L
11/21/2019	Well 19	E. Coli Bacteria (P/A)	0	p/a
11/21/2019	Well 19	Nitrate as N (NO3-N)	2	mg/L
11/21/2019	Well 19	Total Coliform (P/A)	0	p/a
12/10/2019	Well 19	Dibromochloropropane (DBCP)	0.015	µg/L
12/10/2019	Well 19	E. Coli Bacteria (P/A)	0	p/a
12/10/2019	Well 19	Nitrate as N (NO3-N)	2.3	mg/L
12/10/2019	Well 19	Total Coliform (P/A)	0	p/a
1/28/2020	Well 19	Dibromochloropropane (DBCP)	0	µg/L
1/28/2020	Well 19	E. Coli Bacteria (P/A)	0	p/a
1/28/2020	Well 19	Nitrate as N (NO3-N)	1.8	mg/L
1/28/2020	Well 19	Total Coliform (P/A)	0	p/a
2/25/2020	Well 19	Dibromochloropropane (DBCP)	0	µg/L

Sample Date	Location	Constituent	Results	Units
2/25/2020	Well 19	E. Coli Bacteria (P/A)	0	p/a
2/25/2020	Well 19	Nitrate as N (NO3-N)	1.4	mg/L
2/25/2020	Well 19	Total Coliform (P/A)	0	p/a
3/10/2020	Well 19	Dibromochloropropane (DBCP)	0	µg/L
3/10/2020	Well 19	E. Coli Bacteria (P/A)	0	p/a
3/10/2020	Well 19	Nitrate as N (NO3-N)	1.5	mg/L
3/10/2020	Well 19	Total Coliform (P/A)	0	p/a
3/17/2020	Well 19	Dibromochloropropane (DBCP)	0.029	µg/L
3/17/2020	Well 19	Nitrate as N (NO3-N)	4.9	mg/L
4/7/2020	Well 19	Dibromochloropropane (DBCP)	0	µg/L
4/7/2020	Well 19	E. Coli Bacteria (P/A)	0	p/a
4/7/2020	Well 19	Nitrate as N (NO3-N)	2.4	mg/L
4/7/2020	Well 19	Total Coliform (P/A)	0	p/a
5/5/2020	Well 19	Dibromochloropropane (DBCP)	0.014	µg/L
5/5/2020	Well 19	E. Coli Bacteria (P/A)	0	p/a
5/5/2020	Well 19	Nitrate as N (NO3-N)	3.3	mg/L
5/5/2020	Well 19	Total Coliform (P/A)	0	p/a
5/5/2020	Well 19	Total Filterable Residue/TDS	250	mg/L
5/12/2020	Well 19	Dibromochloropropane (DBCP)	0.038	µg/L
5/12/2020	Well 19	Nitrate as N (NO3-N)	6.8	mg/L
5/19/2020	Well 19	Dibromochloropropane (DBCP)	0.064	µg/L
5/19/2020	Well 19	Nitrate as N (NO3-N)	7.3	mg/L
5/27/2020	Well 19	Dibromochloropropane (DBCP)	0.077	µg/L
5/27/2020	Well 19	Nitrate as N (NO3-N)	7.4	mg/L
6/2/2020	Well 19	Dibromochloropropane (DBCP)	0.079	µg/L
6/2/2020	Well 19	E. Coli Bacteria (P/A)	0	p/a
6/2/2020	Well 19	Nitrate as N (NO3-N)	7.5	mg/L
6/2/2020	Well 19	Total Coliform (P/A)	0	p/a
6/9/2020	Well 19	Dibromochloropropane (DBCP)	0.093	µg/L



Sample Date	Location	Constituent	Results	Units
1/2/2018	Well 24	Dibromochloropropane (DBCP)	0.064	µg/L
1/2/2018	Well 24	E. Coli Bacteria (P/A)	0	p/a
1/2/2018	Well 24	Nitrate as N (NO3-N)	7.3	mg/L
1/2/2018	Well 24	Total Coliform (P/A)	0	p/a
1/8/2018	Well 24	Dibromochloropropane (DBCP)	0.075	µg/L
1/8/2018	Well 24	Nitrate as N (NO3-N)	7.3	mg/L
1/16/2018	Well 24	Dibromochloropropane (DBCP)	0.052	µg/L
1/16/2018	Well 24	Nitrate as N (NO3-N)	6.9	mg/L
1/22/2018	Well 24	Dibromochloropropane (DBCP)	0.03	µg/L
1/22/2018	Well 24	Nitrate as N (NO3-N)	5.2	mg/L
1/29/2018	Well 24	Dibromochloropropane (DBCP)	0.05	µg/L
1/29/2018	Well 24	Nitrate as N (NO3-N)	6.8	mg/L
2/5/2018	Well 24	Dibromochloropropane (DBCP)	0.066	µg/L
2/5/2018	Well 24	E. Coli Bacteria (P/A)	0	p/a
2/5/2018	Well 24	Nitrate as N (NO3-N)	7	mg/L
2/5/2018	Well 24	Total Coliform (P/A)	0	p/a
2/12/2018	Well 24	Dibromochloropropane (DBCP)	0.062	µg/L
2/12/2018	Well 24	Nitrate as N (NO3-N)	7	mg/L
2/20/2018	Well 24	Dibromochloropropane (DBCP)	0.057	µg/L
2/20/2018	Well 24	Nitrate as N (NO3-N)	7	mg/L
2/26/2018	Well 24	Dibromochloropropane (DBCP)	0.062	µg/L
2/26/2018	Well 24	Nitrate as N (NO3-N)	7	mg/L
3/5/2018	Well 24	Dibromochloropropane (DBCP)	0.054	µg/L
3/5/2018	Well 24	E. Coli Bacteria (P/A)	0	p/a
3/5/2018	Well 24	Nitrate as N (NO3-N)	6.7	mg/L
3/5/2018	Well 24	Total Coliform (P/A)	0	p/a
3/12/2018	Well 24	Dibromochloropropane (DBCP)	0.058	µg/L
3/12/2018	Well 24	Nitrate as N (NO3-N)	6.9	mg/L
3/20/2018	Well 24	1,2,3-Trichloropropane	0	µg/L
3/20/2018	Well 24	Dibromochloropropane (DBCP)	0.053	µg/L
3/20/2018	Well 24	Nitrate as N (NO3-N)	6.9	mg/L
3/26/2018	Well 24	Dibromochloropropane (DBCP)	0.012	µg/L
3/26/2018	Well 24	Nitrate as N (NO3-N)	3.3	mg/L
4/2/2018	Well 24	Dibromochloropropane (DBCP)	0.055	µg/L
4/2/2018	Well 24	E. Coli Bacteria (P/A)	0	p/a
4/2/2018	Well 24	Nitrate as N (NO3-N)	6.6	mg/L
4/2/2018	Well 24	Total Coliform (P/A)	0	p/a
4/9/2018	Well 24	Dibromochloropropane (DBCP)	0.068	µg/L
4/9/2018	Well 24	Nitrate as N (NO3-N)	7	mg/L
4/16/2018	Well 24	Dibromochloropropane (DBCP)	0.078	µg/L
4/16/2018	Well 24	Nitrate as N (NO3-N)	7.3	mg/L
4/23/2018	Well 24	Dibromochloropropane (DBCP)	0.051	µg/L
4/23/2018	Well 24	Nitrate as N (NO3-N)	7.4	mg/L
4/30/2018	Well 24	Dibromochloropropane (DBCP)	0.072	µg/L
4/30/2018	Well 24	Nitrate as N (NO3-N)	7.1	mg/L
5/7/2018	Well 24	Dibromochloropropane (DBCP)	0.076	µg/L
5/7/2018	Well 24	E. Coli Bacteria (P/A)	0	p/a
5/7/2018	Well 24	Nitrate as N (NO3-N)	7.3	mg/L
5/7/2018	Well 24	Total Coliform (P/A)	0	p/a
5/10/2018	Well 24	E. Coli Bacteria (P/A)	0	p/a
5/10/2018	Well 24	Total Coliform (P/A)	0	p/a
5/14/2018	Well 24	Dibromochloropropane (DBCP)	0.064	µg/L
5/14/2018	Well 24	Nitrate as N (NO3-N)	7.7	mg/L
5/16/2018	Well 24	1,2,3-Trichloropropane	0	µg/L
5/21/2018	Well 24	Dibromochloropropane (DBCP)	0.075	µg/L
5/21/2018	Well 24	Nitrate as N (NO3-N)	7.6	mg/L

Sample Date	Location	Constituent	Results	Units
5/30/2018	Well 24	Dibromochloropropane (DBCP)	0.053	µg/L
5/30/2018	Well 24	Nitrate as N (NO3-N)	7.2	mg/L
6/4/2018	Well 24	Dibromochloropropane (DBCP)	0.076	µg/L
6/4/2018	Well 24	E. Coli Bacteria (P/A)	0	p/a
6/4/2018	Well 24	Nitrate as N (NO3-N)	7.7	mg/L
6/4/2018	Well 24	Total Coliform (P/A)	0	p/a
6/11/2018	Well 24	Dibromochloropropane (DBCP)	0.075	µg/L
6/11/2018	Well 24	Nitrate as N (NO3-N)	8	mg/L
6/14/2018	Well 24	E. Coli Bacteria (P/A)	0	p/a
6/14/2018	Well 24	Total Coliform (P/A)	0	p/a
6/18/2018	Well 24	Dibromochloropropane (DBCP)	0.088	µg/L
6/18/2018	Well 24	Nitrate as N (NO3-N)	7.9	mg/L
6/20/2018	Well 24	1,1,1,2-Tetrachloroethane	0	µg/L
6/20/2018	Well 24	1,1,1-Trichloroethane (1,1,1-TCA)	0	µg/L
6/20/2018	Well 24	1,1,2,2-Tetrachloroethane	0	µg/L
6/20/2018	Well 24	1,1,2-Trichloroethane (1,1,2-TCA)	0	µg/L
6/20/2018	Well 24	1,1-Dichloroethane (1,1-DCA)	0	µg/L
6/20/2018	Well 24	1,1-Dichloropropene	0	µg/L
6/20/2018	Well 24	1,2,3-Trichlorobenzene	0	µg/L
6/20/2018	Well 24	1,2,4-Trichlorobenzene	0	µg/L
6/20/2018	Well 24	1,2,4-Trimethylbenzene	0	µg/L
6/20/2018	Well 24	1,2-Dichlorobenzene (o-DCB)	0	µg/L
6/20/2018	Well 24	1,2-Dichloroethane (1,2-DCA)	0	µg/L
6/20/2018	Well 24	1,2-Dichloropropane	0	µg/L
6/20/2018	Well 24	1,3,5-Trimethylbenzene	0	µg/L
6/20/2018	Well 24	1,3-Dichlorobenzene (m-DCB)	0	µg/L
6/20/2018	Well 24	1,3-Dichloropropane	0	µg/L
6/20/2018	Well 24	1,3-Dichloropropene	0	µg/L
6/20/2018	Well 24	1,4-Dichlorobenzene (p-DCB)	0	µg/L
6/20/2018	Well 24	2,2-Dichloropropane	0	µg/L
6/20/2018	Well 24	2-Butanone (MEK)	0	
6/20/2018	Well 24	2-Chloroethylvinyl Ether	0	µg/L
6/20/2018	Well 24	2-Chlorotoluene	0	µg/L
6/20/2018	Well 24	2-Hexanone	0	µg/L
6/20/2018	Well 24	4-Chlorotoluene	0	µg/L
6/20/2018	Well 24	4-Methyl-2-Pentanone (MIBK)	0	
6/20/2018	Well 24	Aluminum (Al)	0	µg/L
6/20/2018	Well 24	Anion Sum	3.5	
6/20/2018	Well 24	Antimony (Sb)	0	µg/L
6/20/2018	Well 24	Apparent Color (Unfiltered) Units	0	Units
6/20/2018	Well 24	Arsenic (As)	1.3	µg/L
6/20/2018	Well 24	Barium (Ba)	43	µg/L
6/20/2018	Well 24	Benzene	0	µg/L
6/20/2018	Well 24	Beryllium (Be)	0	µg/L
6/20/2018	Well 24	Bicarbonate (HCO3)	170	mg/L
6/20/2018	Well 24	Bromobenzene	0	µg/L
6/20/2018	Well 24	Bromochloromethane	0	µg/L
6/20/2018	Well 24	Bromodichloromethane	0	µg/L
6/20/2018	Well 24	Bromoform	0	µg/L
6/20/2018	Well 24	Bromomethane (Methyl Bromide)	0	µg/L
6/20/2018	Well 24	Cadmium (Cd)	0	µg/L
6/20/2018	Well 24	Calcium (Ca)	54.8	mg/L
6/20/2018	Well 24	Carbon Tetrachloride	0	µg/L
6/20/2018	Well 24	Carbonate (CO3)	0	mg/L
6/20/2018	Well 24	Cation Sum	4.1	
6/20/2018	Well 24	Chloride (Cl)	8.5	mg/L

Sample Date	Location	Constituent	Results	Units
6/20/2018	Well 24	Chloroethane	0	µg/L
6/20/2018	Well 24	Chloroform	0	µg/L
6/20/2018	Well 24	Chloromethane (Methyl Chloride)	0	µg/L
6/20/2018	Well 24	Chromium (Total Cr)	0.76	µg/L
6/20/2018	Well 24	cis-1,2-Dichloroethylene (c-1,2-DCE)	0	µg/L
6/20/2018	Well 24	cis-1,3-Dichloropropene	0	µg/L
6/20/2018	Well 24	Copper (Cu)	3	µg/L
6/20/2018	Well 24	Cyanide (CN)	0	µg/L
6/20/2018	Well 24	Dibromochloromethane	0	µg/L
6/20/2018	Well 24	Dibromochloropropane (DBCP)	0.088	µg/L
6/20/2018	Well 24	Dibromomethane	0	µg/L
6/20/2018	Well 24	Dichlorodifluoromethane	0	µg/L
6/20/2018	Well 24	Di-isopropyl ether	0	
6/20/2018	Well 24	Ethyl tert-Butyl Ether (ETBE)	0	µg/L
6/20/2018	Well 24	Ethylbenzene	0	µg/L
6/20/2018	Well 24	Ethylene Dibromide (EDB)	0	µg/L
6/20/2018	Well 24	Fluoride (F)	0.4	mg/L
6/20/2018	Well 24	Hexachlorobutadiene	0	µg/L
6/20/2018	Well 24	Hydroxide (OH)	0	mg/L
6/20/2018	Well 24	Iron (Fe)	0	µg/L
6/20/2018	Well 24	Isopropylbenzene (Cumene)	0	µg/L
6/20/2018	Well 24	Lab Turbidity	0	NTU
6/20/2018	Well 24	Langelier Index	0.834	
6/20/2018	Well 24	Langlier Index at source temperature	0.313	Deg C
6/20/2018	Well 24	Lead (Pb)	0	µg/L
6/20/2018	Well 24	m,p-Xylene	0	µg/L
6/20/2018	Well 24	Magnesium (Mg)	9.31	mg/L
6/20/2018	Well 24	Manganese (Mn)	0	µg/L
6/20/2018	Well 24	Mercury (Hg)	0	µg/L
6/20/2018	Well 24	Methyl tert-Butyl Ether (MTBE)	0	µg/L
6/20/2018	Well 24	Methylene Blue Active Subs. (MBAS)	0	µg/L
6/20/2018	Well 24	Monochlorobenzene (Chlorobenzene)	0	µg/L
6/20/2018	Well 24	Naphthalene	0	µg/L
6/20/2018	Well 24	n-Butylbenzene	0	µg/L
6/20/2018	Well 24	n-Butylbenzene	1.9	µg/L
6/20/2018	Well 24	Nitrate & Nitrite as Nitrogen (N)	7800	µg/L
6/20/2018	Well 24	Nitrate as N (NO3-N)	7.8	mg/L
6/20/2018	Well 24	Nitrite (as N)	0	µg/L
6/20/2018	Well 24	n-Propylbenzene	0	µg/L
6/20/2018	Well 24	Odor Threshold at 60 C	1	TON
6/20/2018	Well 24	o-Xylene	0	µg/L
6/20/2018	Well 24	PH (Laboratory)	7.83	Standard
6/20/2018	Well 24	p-Isopropyltoluene	0	µg/L
6/20/2018	Well 24	Potassium (K)	2	mg/L
6/20/2018	Well 24	sec-Butylbenzene	0	µg/L
6/20/2018	Well 24	Selenium (Se)	0	µg/L
6/20/2018	Well 24	Silver (Ag)	0	µg/L
6/20/2018	Well 24	Sodium (Na)	13	mg/L
6/20/2018	Well 24	Specific Conductance (E.C.)	410	umhos/cm
6/20/2018	Well 24	Styrene	0	µg/L
6/20/2018	Well 24	Sulfate (SO4)	27	mg/L
6/20/2018	Well 24	tert-Amyl Methyl Ether (TAME)	0	µg/L
6/20/2018	Well 24	tert-Butylbenzene	0	µg/L
6/20/2018	Well 24	Tetrachloroethylene (PCE)	0	µg/L
6/20/2018	Well 24	Thallium (TI)	0	µg/L
6/20/2018	Well 24	Toluene	0	µg/L

Sample Date	Location	Constituent	Results	Units
6/20/2018	Well 24	Total Alkalinity (as CaCO3)	140	mg/L
6/20/2018	Well 24	Total Filterable Residue/TDS	240	mg/L
6/20/2018	Well 24	Total Hardness (as CaCO3)	175	mg/L
6/20/2018	Well 24	Total Trihalomethanes (TTHM)	0	µg/L
6/20/2018	Well 24	Total Xylenes (m,p & o)	0	µg/L
6/20/2018	Well 24	trans-1,2-Dichloroethylene (t-1,2-DCE)	0	µg/L
6/20/2018	Well 24	trans-1,3-Dichloropropene	0	µg/L
6/20/2018	Well 24	Trichloroethylene (TCE)	0	µg/L
6/20/2018	Well 24	Trichlorofluoromethane (Freon 11)	0	µg/L
6/20/2018	Well 24	Trichlorotrifluoroethane (Freon 113)	0	µg/L
6/20/2018	Well 24	Vinyl Chloride (VC)	0	µg/L
6/20/2018	Well 24	Zinc (Zn)	0	µg/L
6/25/2018	Well 24	Dibromochloropropane (DBCP)	0.091	µg/L
6/25/2018	Well 24	Nitrate as N (NO3-N)	7.9	mg/L
7/2/2018	Well 24	Dibromochloropropane (DBCP)	0.094	µg/L
7/2/2018	Well 24	E. Coli Bacteria (P/A)	0	p/a
7/2/2018	Well 24	Nitrate as N (NO3-N)	8	mg/L
7/2/2018	Well 24	Total Coliform (P/A)	0	p/a
7/9/2018	Well 24	Dibromochloropropane (DBCP)	0.1	µg/L
7/9/2018	Well 24	Nitrate as N (NO3-N)	8.1	mg/L
7/11/2018	Well 24	E. Coli Bacteria (P/A)	0	p/a
7/11/2018	Well 24	Total Coliform (P/A)	0	p/a
7/16/2018	Well 24	Dibromochloropropane (DBCP)	0.085	µg/L
7/16/2018	Well 24	Nitrate as N (NO3-N)	8	mg/L
7/23/2018	Well 24	Dibromochloropropane (DBCP)	0.079	µg/L
7/23/2018	Well 24	Nitrate as N (NO3-N)	8.2	mg/L
7/30/2018	Well 24	Dibromochloropropane (DBCP)	0.08	µg/L
7/30/2018	Well 24	Nitrate as N (NO3-N)	8.3	mg/L
8/6/2018	Well 24	Total Filterable Residue/TDS	250	mg/L
8/8/2018	Well 24	Dibromochloropropane (DBCP)	0.032	µg/L
8/8/2018	Well 24	Nitrate as N (NO3-N)	5.6	mg/L
8/22/2018	Well 24	1,2,3-Trichloropropane	0	µg/L
8/22/2018	Well 24	E. Coli Bacteria (P/A)	0	p/a
8/22/2018	Well 24	Total Coliform (P/A)	0	p/a
9/4/2018	Well 24	E. Coli Bacteria (P/A)	0	p/a
9/4/2018	Well 24	Total Coliform (P/A)	0	p/a
10/1/2018	Well 24	E. Coli Bacteria (P/A)	0	p/a
10/1/2018	Well 24	Total Coliform (P/A)	0	p/a
11/5/2018	Well 24	1,2,3-Trichloropropane	0	µg/L
11/5/2018	Well 24	E. Coli Bacteria (P/A)	0	p/a
11/5/2018	Well 24	Total Coliform (P/A)	0	p/a
12/10/2018	Well 24	Dibromochloropropane (DBCP)	0	µg/L
12/10/2018	Well 24	Nitrate as N (NO3-N)	4	mg/L
12/17/2018	Well 24	Dibromochloropropane (DBCP)	0	µg/L
12/17/2018	Well 24	E. Coli Bacteria (P/A)	0	p/a
12/17/2018	Well 24	Nitrate as N (NO3-N)	3	mg/L
12/17/2018	Well 24	Total Coliform (P/A)	0	p/a
1/7/2019	Well 24	Dibromochloropropane (DBCP)	0	µg/L
1/7/2019	Well 24	E. Coli Bacteria (P/A)	0	p/a
1/7/2019	Well 24	Nitrate as N (NO3-N)	2.7	mg/L
1/7/2019	Well 24	Total Coliform (P/A)	0	p/a
2/21/2019	Well 24	Dibromochloropropane (DBCP)	0	µg/L
2/21/2019	Well 24	E. Coli Bacteria (P/A)	0	p/a
2/21/2019	Well 24	Nitrate as N (NO3-N)	2.1	mg/L
2/21/2019	Well 24	Total Coliform (P/A)	0	p/a
3/18/2019	Well 24	Dibromochloropropane (DBCP)	0	µg/L

Sample Date	Location	Constituent	Results	Units
3/18/2019	Well 24	E. Coli Bacteria (P/A)	0	p/a
3/18/2019	Well 24	Nitrate as N (NO3-N)	2.1	mg/L
3/18/2019	Well 24	Total Coliform (P/A)	0	p/a
4/29/2019	Well 24	Dibromochloropropane (DBCP)	0	µg/L
4/29/2019	Well 24	E. Coli Bacteria (P/A)	0	p/a
4/29/2019	Well 24	Nitrate as N (NO3-N)	2.2	mg/L
4/29/2019	Well 24	Total Coliform (P/A)	0	p/a
5/13/2019	Well 24	Dibromochloropropane (DBCP)	0	µg/L
5/13/2019	Well 24	E. Coli Bacteria (P/A)	0	p/a
5/13/2019	Well 24	Nitrate as N (NO3-N)	5.3	mg/L
5/13/2019	Well 24	Total Coliform (P/A)	0	p/a
5/20/2019	Well 24	Dibromochloropropane (DBCP)	0	µg/L
5/20/2019	Well 24	Nitrate as N (NO3-N)	2.6	mg/L
8/19/2019	Well 24	Dibromochloropropane (DBCP)	0	µg/L
8/19/2019	Well 24	E. Coli Bacteria (P/A)	0	p/a
8/19/2019	Well 24	Nitrate as N (NO3-N)	2.1	mg/L
8/19/2019	Well 24	Total Coliform (P/A)	0	p/a
8/19/2019	Well 24	Total Filterable Residue/TDS	220	mg/L
9/23/2019	Well 24	Dibromochloropropane (DBCP)	0	µg/L
9/23/2019	Well 24	E. Coli Bacteria (P/A)	0	p/a
9/23/2019	Well 24	Nitrate as N (NO3-N)	2.1	mg/L
9/23/2019	Well 24	Total Alpha	5.91	pCi/L
9/23/2019	Well 24	Total Coliform (P/A)	0	p/a
10/15/2019	Well 24	Dibromochloropropane (DBCP)	0	µg/L
10/15/2019	Well 24	E. Coli Bacteria (P/A)	0	p/a
10/15/2019	Well 24	Nitrate as N (NO3-N)	2.1	mg/L
10/15/2019	Well 24	Total Coliform (P/A)	0	p/a
11/21/2019	Well 24	Dibromochloropropane (DBCP)	0	µg/L
11/21/2019	Well 24	E. Coli Bacteria (P/A)	0	p/a
11/21/2019	Well 24	Nitrate as N (NO3-N)	2.2	mg/L
11/21/2019	Well 24	Total Coliform (P/A)	0	p/a
12/23/2019	Well 24	Dibromochloropropane (DBCP)	0	µg/L
12/23/2019	Well 24	E. Coli Bacteria (P/A)	0	p/a
12/23/2019	Well 24	Nitrate as N (NO3-N)	2.2	mg/L
12/23/2019	Well 24	Total Coliform (P/A)	0	p/a
1/28/2020	Well 24	Dibromochloropropane (DBCP)	0	µg/L
1/28/2020	Well 24	E. Coli Bacteria (P/A)	0	p/a
1/28/2020	Well 24	Nitrate as N (NO3-N)	1.9	mg/L
1/28/2020	Well 24	Total Coliform (P/A)	0	p/a
2/19/2020	Well 24	Dibromochloropropane (DBCP)	0	µg/L
2/19/2020	Well 24	E. Coli Bacteria (P/A)	0	p/a
2/19/2020	Well 24	Nitrate as N (NO3-N)	2	mg/L
2/19/2020	Well 24	Total Coliform (P/A)	0	p/a
3/24/2020	Well 24	Dibromochloropropane (DBCP)	0	µg/L
3/24/2020	Well 24	E. Coli Bacteria (P/A)	0	p/a
3/24/2020	Well 24	Nitrate as N (NO3-N)	1.9	mg/L
3/24/2020	Well 24	Total Coliform (P/A)	0	p/a
4/28/2020	Well 24	Dibromochloropropane (DBCP)	0	µg/L
4/28/2020	Well 24	E. Coli Bacteria (P/A)	0	p/a
4/28/2020	Well 24	Nitrate as N (NO3-N)	3.3	mg/L
4/28/2020	Well 24	Total Coliform (P/A)	0	p/a
4/28/2020	Well 24	Total Filterable Residue/TDS	190	mg/L
5/5/2020	Well 24	Dibromochloropropane (DBCP)	0	µg/L
5/5/2020	Well 24	E. Coli Bacteria (P/A)	0	p/a
5/5/2020	Well 24	Nitrate as N (NO3-N)	4	mg/L
5/5/2020	Well 24	Total Coliform (P/A)	0	p/a

Sample Date	Location	Constituent	Results	Units
5/12/2020	Well 24	Dibromochloropropane (DBCP)	0	µg/L
5/12/2020	Well 24	Nitrate as N (NO3-N)	4.3	mg/L
5/19/2020	Well 24	Dibromochloropropane (DBCP)	0	µg/L
5/19/2020	Well 24	Nitrate as N (NO3-N)	4.6	mg/L
5/27/2020	Well 24	Dibromochloropropane (DBCP)	0	µg/L
5/27/2020	Well 24	Nitrate as N (NO3-N)	4.9	mg/L
6/2/2020	Well 24	Dibromochloropropane (DBCP)	0	µg/L
6/2/2020	Well 24	E. Coli Bacteria (P/A)	0	p/a
6/2/2020	Well 24	Nitrate as N (NO3-N)	4.9	mg/L
6/2/2020	Well 24	Total Coliform (P/A)	0	p/a
6/9/2020	Well 24	Dibromochloropropane (DBCP)	0	µg/L

# CHINO BASIN WATERMASTER

- I. CONSENT CALENDAR
- G. APPLICATION: RECHARGE



# CHINO BASIN WATERMASTER

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

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: August 20, 2020  
TO: Advisory Committee  
SUBJECT: Application for Recharge - Fontana Water Company (Vulcan)  
(Consent Calendar Item I.G.)

### SUMMARY:

Issue: On June 19, 2020 Fontana Water Company submitted an Application for Recharge for up to 300 acre-feet to be recharged into the Vulcan Basin.

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

Financial Impact: None

### Future Consideration

**Advisory Committee – August 20, 2020:** Advice and Assistance

**Watermaster Board – August 25, 2020:** Approval [Within WM Duties and Powers]

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### ACTIONS:

**Appropriative Pool – July 09, 2020:** Unanimously recommended to Advisory Committee to recommend to the Watermaster Board

**Non-Agricultural Pool – July 09, 2020:** Unanimously recommended to Advisory Committee to recommend to the Watermaster Board subject to changes they deem appropriate.

**Agricultural Pool – July 09, 2020:** Unanimously recommended to Advisory Committee to recommend to the Watermaster Board

**Advisory Committee – August 20, 2020:**

**Watermaster Board – August 25, 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, 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 June 19, 2020, Fontana Water Company (FWC) submitted an Application for Recharge for up to 300 acre-feet, valid from September 1, 2020 and expiring September 1, 2021. The Application states that the method of recharge is percolation into the Vulcan Basin (Attachment 1). The Application identifies the source of water to be treated Lytle Creek Surface Water, meaning, water from the Lytle creek water will be treated to potable standards at FWC's treatment plant and delivered through their distribution system.

If approved, FWC intends to recharge the water into the Vulcan Basin as a test project to monitor and determine percolation rates of an existing basin not currently being utilized to recharge supplemental water within the Chino Basin. This recharge, consistent with that of other Parties that have submitted Applications for Recharge and that have Local Storage Agreements, will be placed in its Local Supplemental Storage account and will be tracked by Watermaster. Per the Peace II Agreement, losses will be applied to all water placed into a Local Supplemental Storage Account in a manner consistent with all other water held in storage. The total volume held in local storage accounts is pending a future determination, and the recommendation as written is intended to be consistent with prior recharge and storage application recommendations.

FWC intends to use the captured water to offset its overproduction within the current fiscal year. The amount recharged will be subject to evaporative losses. Wildermuth Environmental, Inc. (WEI) performed a Material Physical Injury analysis of the Application for Recharge. WEI prepared a letter, dated June 23, 2020, which states that there will be no Material Physical Injury from the proposed Application for the recharge of treated Lytle Creek Surface Water (Attachment 2). The letter states that Watermaster should require the Fontana Water Company to keep the recharge confined to a previously established one-acre area within the Vulcan Basin and to improve the berm system used to constrain the recharge area. FWC will also need to monitor the amount of water discharged to the Vulcan Basin, as well as sample and analyze the water quality at the point of delivery to the Vulcan Basin. These data should be provided to Watermaster as they are required for Watermaster accounting, regulatory reporting, and other groundwater management purposes.

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

## ATTACHMENTS

1. Fontana Water Company Recharge Application (Vulcan) Dated June 19, 2020
2. June 23, 2020 letter from WEI to Watermaster: *"Analysis of Material Physical Injury for the Fontana Water Company (FWC) Recharge Application, Submitted to the Chino Basin Watermaster on June 19, 2020 (hereafter June 19, 2020 recharge application for Vulcan Basin)"*

# FONTANA WATER COMPANY

A DIVISION OF SAN GABRIEL VALLEY WATER COMPANY

15966 ARROW ROUTE • P.O. BOX 987, FONTANA, CALIFORNIA 92334 • (909) 822-2201

June 19, 2020

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

Subject: Fiscal Year 2020/2021 Recharge Application -  
Fontana Water Company

Dear Mr. Kavounas:

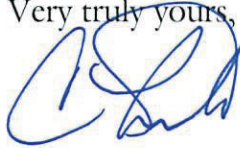
Enclosed herewith is Fontana Water Company's Application for Recharge dated June 19, 2020.

In order to provide Fontana Water Company with the most flexibility to utilize its water supply assets, we respectfully request Watermaster to recharge supplemental water treated at Fontana Water Company's Sandhill Surface Water Treatment Plant (Sandhill) and delivered into the Chino Basin. The quantity of water recharged by Fontana Water Company may include up to 300 acre feet. This application to recharge water into the Vulcan Basin is intended to offset a portion of Fontana Water Company's over-production during the 2020-2021 fiscal year.

The supplemental water that Fontana Water Company is requesting to be recharged is currently treated at Fontana Water Company's Sandhill Treatment Plant. The water will be delivered through the company's distribution system to the recharge facility. The supplemental water is treated to potable standards and is not anticipated to pose any adverse impacts to existing water quality.

Please acknowledge receipt of this letter and enclosure by signing the enclosed copy. If you have any question or need additional information, please contact me at (909) 201-7338.

Very truly yours,



Cristopher I. Fealy, P.E.  
Water Resources Manager

CIF:bf

Enclosure

ACKNOWLEDGEMENT

Receipt of this letter and enclosure is hereby acknowledged.

CHINO BASIN WATERMASTER

By: \_\_\_\_\_

Title: \_\_\_\_\_

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

COPY

# FONTANA WATER COMPANY

A DIVISION OF SAN GABRIEL VALLEY WATER COMPANY

15966 ARROW ROUTE • P.O. BOX 987, FONTANA, CALIFORNIA 92334 • (909) 822-2201

June 19, 2020

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General Manager  
Chino Basin Watermaster  
9641 San Bernardino Road  
Rancho Cucamonga, California 91730

Subject: Fiscal Year 2020/2021 Recharge Application -  
Fontana Water Company

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Very truly yours,



Cristopher I. Fealy, P.E.  
Water Resources Manager

CIF:bf

Enclosure

ACKNOWLEDGEMENT

Receipt of this letter and enclosure is hereby acknowledged.

CHINO BASIN WATERMASTER

By: \_\_\_\_\_

Title: \_\_\_\_\_

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

## Form 2a - Application for Supplemental Water Recharge

Applicant Information and Recharge Request			
Person	Fontana Water Company (FWC)	Date Requested	6/19/2020
Contact (individual)	Cris Fealy	Date Approved	
Street Address	15966 Arrow Route	Proposed Period of Time Covered by Recharge Application (mm/yyyy to mm/yyyy)	09/2020 to 09/2021
City	Fontana Water Comapny		
State	CA		
Zip Code	92335	Requested Total Amount of Recharge Over the Application Period (AF)	up to 300
Telephone	909-822-2201	Approved Total Amount of Recharge Over the Application Period (AF)	
Fax	909-823-5046		
Email	cifealy@fontanawater.com		

Source(s) of Supply (check box and provide supporting information)	
<input type="checkbox"/>	State Water Project
<input type="checkbox"/>	Colorado River Aqueduct
<input checked="" type="checkbox"/>	Local Supplemental (identify source and attach source water quality characterization including TDS and TN; use as many sheets as necessary) <span style="float: right; color: blue;">Treated Lytle Creek Water from Sandhill Treatment Plant (F14)</span>
<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) <span style="float: right;">Vulcan Basin</span>
	Expected Period of Recharge (mm/dd to mm/dd) <span style="float: right;">Varies</span>
	Depth to Water in Recharge Area (ft-bgs) <span style="float: right;">Unknown</span>
	Water Quality in Recharge Area (attach characterization) <span style="float: right;">Treated to Potable Standards.</span>
<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)

Fontana Water Company will utilize only the previously approved 1-acre recharge area to continue testing.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

BY:  \_\_\_\_\_  
Applicant

12/17/2020 \_\_\_\_\_  
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 \_\_\_\_\_



WECK LABORATORIES, INC.

# Certificate of Analysis

FINAL REPORT

Work Orders: 0A13042

Report Date: 2/03/2020

Project: 3076- Sandhill-Treated.- Title 22 Monitoring

Received Date: 1/13/2020

Turnaround Time: Normal

Phones: (909) 201-7331

Fax: (626) 582-1571

Attn: John Catone

P.O. #:

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

Billing Code:

Dear John Catone :

Enclosed are the results of analyses for samples received 1/13/2020 with the Chain-of-Custody document. The samples were received in good condition, at 5.4 °C and on ice. All analysis met the method criteria except as noted in the case narrative or in the report with data qualifiers.

## Sample Results

Sample: 3076- Sandhill-Treated, RegID: 3610041-076  
0A13042-01 (Water)

Sampled: 01/13/20 11:30 by John Catone

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Method: Various	Batch ID: [CALC]	Instr: [CALC]	Prepared: 01/15/20 12:21			Analyst: jna	
Total Anions	3.6		0.070	meq/l	1	01/15/20	
Total Cations	3.6		0.038	meq/l	1	01/15/20	
Total hardness as CaCO3	127		0.662	mg/l	1	01/15/20	
Method: AWWA	Batch ID: WOA0763	Instr: ANALYST	Prepared: 01/16/20 09:25			Analyst: aln	
Aggressive Index	11.9		N/A		1	01/23/20	
Method: EPA 140.1	Batch ID: WOA0576	Instr: WB05	Prepared: 01/13/20 16:42			Analyst: blg	
Threshold Odor Number	1.0		1.0	T.O.N.	1	01/13/20 18:10	
Method: EPA 180.1	Batch ID: WOA0585	Instr: TURB01	Prepared: 01/13/20 17:18			Analyst: SBN	
Turbidity	ND		0.10	NTU	1	01/13/20 17:57	
Method: EPA 200.7	Batch ID: WOA0714	Instr: ICP03	Prepared: 01/15/20 12:21			Analyst: kvm	
Boron, Total	79		10	ug/l	1	01/15/20	
Calcium, Total	36.4		0.100	mg/l	1	01/15/20	
Iron, Total	ND		10	ug/l	1	01/15/20	
Magnesium, Total	8.73		0.100	mg/l	1	01/15/20	
Potassium, Total	2.5		0.10	mg/l	1	01/15/20	
Sodium, Total	24		0.50	mg/l	1	01/15/20	
Method: EPA 200.8	Batch ID: WOA1160	Instr: ICPMS04	Prepared: 01/23/20 11:26			Analyst: CWC	
Aluminum, Total	39		5.0	ug/l	1	01/27/20	
Antimony, Total	ND		0.50	ug/l	1	01/27/20	
Arsenic, Total	0.46		0.40	ug/l	1	01/27/20	
Barium, Total	24		0.50	ug/l	1	01/27/20	





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# Certificate of Analysis

FINAL REPORT

## Sample Results

(Continued)

Sample: 3076 - Sandhill - Treated, RegID: 3610041-076  
0A13042-01 (Water)

Sampled: 01/13/20 11:30 by John Catone  
(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 200.8 (Continued)	Batch ID: W0A1160	Instr: ICPMS04	Prepared: 01/23/20 11:26			Analyst: CWC	
Beryllium, Total	ND		0.10	ug/l	1	01/27/20	
Cadmium, Total	ND		0.10	ug/l	1	01/27/20	
Chromium, Total	ND		0.20	ug/l	1	01/27/20	
Copper, Total	0.88		0.50	ug/l	1	01/28/20	
Lead, Total	ND		0.20	ug/l	1	01/28/20	
Manganese, Total	0.22		0.20	ug/l	1	01/27/20	
Nickel, Total	ND		0.80	ug/l	1	01/27/20	
Selenium, Total	ND		0.40	ug/l	1	01/27/20	
Silver, Total	ND		0.20	ug/l	1	01/27/20	
Thallium, Total	ND		0.20	ug/l	1	01/27/20	
Zinc, Total	ND		5.0	ug/l	1	01/27/20	
Method: EPA 245.1	Batch ID: W0A0884	Instr: hg03	Prepared: 01/20/20 10:18			Analyst: dec	
Mercury, Total	ND		0.050	ug/l	1	01/21/20	
Method: EPA 300.0	Batch ID: W0A0595	Instr: LC12	Prepared: 01/14/20 08:38			Analyst: jna	
Chloride, Total	31		0.50	mg/l	1	01/15/20	
Fluoride, Total	0.14		0.10	mg/l	1	01/15/20	
Sulfate as SO4	30		0.50	mg/l	1	01/15/20	
Method: EPA 314.0	Batch ID: W0A0544	Instr: LC08	Prepared: 01/13/20 12:59			Analyst: jna	
Perchlorate	ND	0.84	2.0	ug/l	1	01/14/20	
Method: EPA 335.4	Batch ID: W0A0747	Instr: AA01	Prepared: 01/15/20 18:02			Analyst: SAR	
Cyanide, Total	ND		5.0	ug/l	1	01/20/20	
Method: EPA 353.2	Batch ID: W0A0549	Instr: AA01	Prepared: 01/13/20 13:17			Analyst: sar	
Nitrate as N	0.60		0.20	mg/l	1	01/14/20 13:13	
Nitrite as N	ND		100	ug/l	1	01/14/20 13:13	
NO2+NO3 as N	600		200	ug/l	1	01/14/20	
Method: EPA 524.2	Batch ID: W0A0707	Instr: GCMS14	Prepared: 01/15/20 11:16			Analyst: cam	
1,1,1,2-Tetrachloroethane	ND	0.10	0.50	ug/l	1	01/17/20	
1,1,1-Trichloroethane	ND	0.11	0.50	ug/l	1	01/17/20	
1,1,2,2-Tetrachloroethane	ND	0.20	0.50	ug/l	1	01/17/20	
1,1,2-Trichloroethane	ND	0.19	0.50	ug/l	1	01/17/20	
1,1-Dichloroethane	ND	0.12	0.50	ug/l	1	01/17/20	
1,1-Dichloroethene	ND	0.16	0.50	ug/l	1	01/17/20	
1,1-Dichloropropene	ND	0.14	0.50	ug/l	1	01/17/20	
1,2,3-Trichlorobenzene	ND	0.19	0.50	ug/l	1	01/17/20	
1,2,4-Trichlorobenzene	ND	0.17	0.50	ug/l	1	01/17/20	
1,2,4-Trimethylbenzene	ND	0.20	0.50	ug/l	1	01/17/20	
1,2-Dichloroethane	ND	0.12	0.50	ug/l	1	01/17/20	
1,2-Dichloropropane	ND	0.13	0.50	ug/l	1	01/17/20	
1,3,5-Trimethylbenzene	ND	0.17	0.50	ug/l	1	01/17/20	
1,3-Dichloropropane	ND	0.11	0.50	ug/l	1	01/17/20	



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# Certificate of Analysis

FINAL REPORT

## Sample Results

(Continued)

Sample: 3076- Sandhill-Treated, RegID: 3610041-076

Sampled: 01/13/20 11:30 by John Catone

0A13042-01 (Water)

(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 524.2 (Continued)						Analyst: cam	
Batch ID: W0A0707	Instr: GCMS14		Prepared: 01/15/20 11:16				
1,3-Dichloropropene, Total	ND		0.50	ug/l	1	01/17/20	
2,2-Dichloropropane	ND	0.17	0.50	ug/l	1	01/17/20	
2-Butanone	ND	1.5	5.0	ug/l	1	01/17/20	
2-Chlorotoluene	ND	0.15	0.50	ug/l	1	01/17/20	
2-Hexanone	ND	1.2	5.0	ug/l	1	01/17/20	
4-Chlorotoluene	ND	0.15	0.50	ug/l	1	01/17/20	
4-Methyl-2-pentanone	ND	1.8	5.0	ug/l	1	01/17/20	
Benzene	ND	0.15	0.50	ug/l	1	01/17/20	
Bromobenzene	ND	0.15	0.50	ug/l	1	01/17/20	
Bromochloromethane	ND	0.15	0.50	ug/l	1	01/17/20	
Bromodichloromethane	6.6	0.090	0.50	ug/l	1	01/17/20	
Bromoform	0.59	0.19	0.50	ug/l	1	01/17/20	
Bromomethane	ND	0.27	0.50	ug/l	1	01/17/20	
Carbon tetrachloride	ND	0.12	0.50	ug/l	1	01/17/20	
Chlorobenzene	ND	0.15	0.50	ug/l	1	01/17/20	
Chloroethane	ND	0.17	0.50	ug/l	1	01/17/20	
Chloroform	8.5	0.12	0.50	ug/l	1	01/17/20	
Chloromethane	ND	0.23	0.50	ug/l	1	01/17/20	
cis-1,2-Dichloroethene	ND	0.11	0.50	ug/l	1	01/17/20	
cis-1,3-Dichloropropene	ND	0.11	0.50	ug/l	1	01/17/20	
Dibromochloromethane	3.8	0.20	0.50	ug/l	1	01/17/20	
Dibromomethane	ND	0.20	0.50	ug/l	1	01/17/20	
Dichlorodifluoromethane (Freon 12)	ND	0.45	0.50	ug/l	1	01/17/20	
Di-isopropyl ether	ND	0.34	2.0	ug/l	1	01/17/20	
Ethyl tert-butyl ether	ND	0.40	2.0	ug/l	1	01/17/20	
Ethylbenzene	ND	0.21	0.50	ug/l	1	01/17/20	
Freon 113	ND	1.5	5.0	ug/l	1	01/17/20	
Hexachlorobutadiene	ND	0.40	0.50	ug/l	1	01/17/20	
Isopropylbenzene	ND	0.18	0.50	ug/l	1	01/17/20	
m,p-Xylene	ND	0.33	0.50	ug/l	1	01/17/20	
m-Dichlorobenzene	ND	0.14	0.50	ug/l	1	01/17/20	
Methyl tert-butyl ether (MTBE)	ND	0.19	2.0	ug/l	1	01/17/20	
Methylene chloride	ND	0.14	0.50	ug/l	1	01/17/20	
Naphthalene	ND	0.35	0.50	ug/l	1	01/17/20	
n-Butylbenzene	ND	0.29	0.50	ug/l	1	01/17/20	
n-Propylbenzene	ND	0.18	0.50	ug/l	1	01/17/20	
o-Dichlorobenzene	ND	0.19	0.50	ug/l	1	01/17/20	
o-Xylene	ND	0.20	0.50	ug/l	1	01/17/20	
p-Dichlorobenzene	ND	0.18	0.50	ug/l	1	01/17/20	
p-Isopropyltoluene	ND	0.25	0.50	ug/l	1	01/17/20	

0A13042

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FINAL REPORT

(Continued)

## Sample Results

Sample: 3076- Sandhill-Treated, RegID: 3610041-076  
0A13042-01 (Water)

Sampled: 01/13/20 11:30 by John Catone  
(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
<b>Method: EPA 524.2 (Continued)</b>							
Batch ID: W0A0707	Instr: GCMS14	Prepared: 01/15/20 11:16		Analyst: cam			
sec-Butylbenzene	ND	0.24	0.50	ug/l	1	01/17/20	
Styrene	ND	0.19	0.50	ug/l	1	01/17/20	
Tert-amyl methyl ether	ND	0.59	2.0	ug/l	1	01/17/20	
tert-Butylbenzene	ND	0.18	0.50	ug/l	1	01/17/20	
Tetrachloroethene	ND	0.18	0.50	ug/l	1	01/17/20	
THMs, Total	19		0.50	ug/l	1	01/17/20	
Toluene	ND	0.14	0.50	ug/l	1	01/17/20	
trans-1,2-Dichloroethene	ND	0.11	0.50	ug/l	1	01/17/20	
trans-1,3-Dichloropropene	ND	0.15	0.50	ug/l	1	01/17/20	
Trichloroethene	ND	0.18	0.50	ug/l	1	01/17/20	
Trichlorofluoromethane	ND	0.18	0.50	ug/l	1	01/17/20	
Vinyl chloride	ND	0.18	0.50	ug/l	1	01/17/20	
Xylenes, Total	ND		0.50	ug/l	1	01/17/20	
<b>Surrogate(s)</b>							
1,2-Dichlorobenzene-d4	90%		70-130	Conc: 9.00		01/17/20	
4-Bromofluorobenzene	82%		70-130	Conc: 8.24		01/17/20	
<b>Method: SM 2120B</b>							
Batch ID: W0A0584	Instr: _ANALYST	Prepared: 01/13/20 17:11		Analyst: ssi			
Color	ND		3.0	Color Units	1	01/13/20 18:12	
<b>Method: SM 2320B</b>							
Batch ID: W0A0608	Instr: AA02	Prepared: 01/14/20 10:24		Analyst: sbn			
Alkalinity as CaCO3	100		2.0	mg/l	1	01/14/20	
Bicarbonate Alkalinity as HCO3	130		2.0	mg/l	1	01/14/20	
Carbonate Alkalinity as CaCO3	ND		2.0	mg/l	1	01/14/20	
Hydroxide Alkalinity as CaCO3	ND		2.0	mg/l	1	01/14/20	
<b>Method: SM 2330B</b>							
Batch ID: W0A0858	Instr: _ANALYST	Prepared: 01/17/20 15:48		Analyst: aln			
Langelier Index @ 60 C	0.637		-10.0	N/A	1	01/17/20	
Langelier Index @ Source Temp	-0.001		-10.0	N/A	1	01/17/20	
<b>Method: SM 2510B</b>							
Batch ID: W0A0602	Instr: AA02	Prepared: 01/14/20 09:48		Analyst: sbn			
Specific Conductance (EC)	370		2.0	umhos/cm	1	01/14/20	
<b>Method: SM 2540C M</b>							
Batch ID: W0A0589	Instr: OVEN01	Prepared: 01/13/20 18:18		Analyst: blg			
Total Dissolved Solids	110		10	mg/l	1	01/14/20	
<b>Method: SM 4500H+ -B</b>							
Batch ID: W0A0578	Instr: AA02	Prepared: 01/13/20 16:52		Analyst: sbn			
pH	7.90		0.10	Units	1	01/13/20 18:03	
<b>Method: SM 5540C</b>							
Batch ID: W0A0603	Instr: UVVIS04	Prepared: 01/14/20 10:04		Analyst: mfh			
MBAS	ND		0.050	mg/l	1	01/14/20 16:12	



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# Certificate of Analysis

FINAL REPORT

## Notes and Definitions

Item	Definition
*	The recommended holding time for this analysis is only 15 minutes. The sample was analyzed as soon as it was possible but it was received and analyzed past holding time.
% Rec	Percent Recovery
Dil	Dilution
dry	Sample results reported on a dry weight basis
MDA	Minimum Detectable Activity
MDL	Method Detection Limit
MRL	The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ)
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
NR	Not Reportable
RPD	Relative Percent Difference
Source	Sample that was matrix spiked or duplicated.
TIC	Tentatively Identified Compound (TIC) using mass spectrometry. The reported concentration is relative concentration based on the nearest internal standard. If the library search produces no matches at, or above 85%, the compound is reported as unknown.

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.

An Absence of Total Coliform meets the drinking water standards as established by the California State Water Resources Control Board (SWRCB)

All results are expressed on wet weight basis unless otherwise specified.

All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS002.

## Analyses Accreditation Summary

Analyte	CAS #	Not By NELAP	ANAB ISO 17025
AWWA in Water Aggressive Index		✓	

Reviewed by:

Valerie Rejuso  
Project Manager



ELAP-CA #1132 • EPA-UCMR #CA00211 • Guam-EPA #17-008R • HW-DOH # • ISO17025 ANAB #L2457.01 • LACSD #10143 •  
NELAP-OR #4047 • NJ-DEP #CA015 • NV-DEP #NAC 445A • SCAQMD #93LA1006

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



June 23, 2020

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

**Subject: Analysis of Material Physical Injury for the Fontana Water Company (FWC) Recharge Application, as submitted to the Chino Basin Watermaster on June 19, 2020 (hereafter June 19, 2020 recharge application for Vulcan Basin)**

Dear Mr. Kavounas,

Pursuant to your direction, Wildermuth Environmental, Inc. (WEI) conducted a material physical injury (MPI) analysis of the FWC's June 19, 2020 recharge application for Vulcan Basin. This MPI analysis has been done pursuant to the Watermaster Rules and Regulations and the Peace Agreement. Specifically, Article 10 of Watermaster Rules and Regulations (paragraph 10.10) requires that:

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

Per the Peace Agreement (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 evaluation of Chino Basin storage programs, groundwater modeling of various groundwater management alternatives in the Chino Basin, and prior MPI analyses.

### **FWC's June 19, 2020 recharge application for Vulcan Basin**

The FWC proposes to recharge up to 300 acre-feet (af) of Lytle Creek water into the Vulcan Basin during the period September 2020 through September 2021. The water would be treated to potable standards and diverted into the Vulcan Basin from the FWC distribution system. The FWC proposes to use the same one to two-acre part of the basin that was used by Vulcan and FWC for a recharge event in 2015. Note that FWC submitted, and Watermaster approved, a similar application in 2017, 2018 and 2019 to recharge up to 300 afy of Lytle Creek water into the Vulcan Basin during the combined period of September 2017 through September 2020. As of June 22, 2020, the FWC has not recharged any water in the Vulcan Basin as part of their 2017, 2018 and 2019 recharge applications.

The scope of this analysis is to determine if the proposed recharge event of up to 300 af of Lytle Creek water by the FWC, as proposed in its June 19, 2020 recharge application for Vulcan Basin, has the potential to cause MPI.

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

The proposed recharge event will produce a localized increase in groundwater levels in the vicinity of the Vulcan Basin where the recharge occurs, followed by a return to the groundwater levels that would occur had the water not been recharged. The current depth to groundwater beneath the Vulcan Basin is presently about 500 feet below ground surface (bgs).<sup>1</sup> There will be no adverse liquefaction or land subsidence impacts from the groundwater level changes caused by the recharge and storage proposed by the FWC.

### **Balance of Recharge and Discharge in Every Area and Subarea**

Per the June 19, 2020 recharge application for Vulcan Basin, FWC intends to use the proposed recharge water to partially offset its replenishment obligation. The Vulcan Basin is located in MZ3, where FWC's pumping wells are located. Figure 7-11d from the 2020 Safe Yield Recalculation Final Report<sup>2</sup> (WEI, 2020) shows the projected change in groundwater levels from 2018 through 2050. Review of this map indicates that for the period 2018 through 2050, groundwater levels are projected to decline in MZ3. In the absence of the proposed recharge event, the FWC would meet its replenishment obligation from transfers of water from other appropriators that produce groundwater in MZ1 and MZ2 and Watermaster replenishment that may or may not occur in MZ3. The proposed recharge event will improve the balance of recharge and discharge in MZ3.

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<sup>1</sup> Note that that the latest groundwater-level data available at the nearest well to the Vulcan Basin (Fontana Well 3A) is from January 2017. An analysis of other wells in the vicinity suggests that groundwater-level elevations in Mach 2019 are similar to those observed in January 2017.

<sup>2</sup> [https://cbwm.syncedtool.com/shares/folder/e83081106c3072/?folder\\_id=2512](https://cbwm.syncedtool.com/shares/folder/e83081106c3072/?folder_id=2512)

### **Total Dissolved Solids and Nitrate Concentration of the Recharge Water**

The 2004 Regional Water Quality Control Plan (Basin Plan) for the Santa Ana River Watershed has total dissolved solids (TDS) and nitrate (expressed as nitrogen) concentration objectives in the Chino-North Groundwater Management Zone (GMZ) of 420 milligrams per liter (mg/l) and 5 mg/l, respectively. The proposed recharge event will occur in the Chino-North GMZ. Pursuant to the Basin Plan, Watermaster and the IEUA are required to manage recharge in spreading basins in the Chino Basin such that the five-year, volume-weighted average TDS and nitrate concentration of the recycled water, imported water, supplemental native water, and new stormwater recharged across all recharge basins will not exceed the Basin Plan objectives. We reviewed historical water quality data for Lytle Creek including recent data provided by the FWC in their June 19, 2020 recharge application. This characterization indicates that the TDS and nitrate concentrations of the water proposed to be recharged are generally less than 320 mg/l and 1 mg/l, respectively. The current ambient TDS and nitrate concentrations in the Chino-North GMZ are 350 mg/l and 10.3 mg/l, respectively, and therefore the proposed recharge event will not encroach on the current assimilative capacity or interfere with Watermaster and the IEUA's regulatory obligations. In fact, the proposed recharge event will be helpful in complying with the Basin Plan. There will be no adverse TDS or nitrate concentration impacts caused by the proposed recharge event.

### **Water Quality Impacts on Other Pumpers**

The water quality of the proposed recharge water is comparable to State Water Project water, and the proposed recharge event will improve the general water quality in MZ3 and the 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**

There will be no MPI due to the FWC proposed recharge event as described in their June 19, 2020 recharge application for Vulcan Basin.

We recommend that Watermaster consider requiring the following conditions on the approval of the recharge application:

1. The berm system used to constrain the recharge area be improved such that it will not fail due to seepage pressure or overtopping during the FWC proposed recharge event. The berm system failed during the 2015 recharge event.
2. Require the recharge water be conveyed from the source to the proposed recharge area in a closed system to ensure that the recharge water does not contact soil outside of the proposed recharge area.

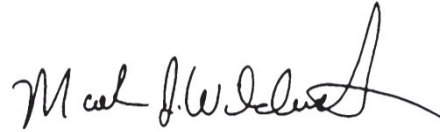
Please call us if you have any questions or concerns regarding this MPI analysis.

Very truly yours,

**Wildermuth Environmental, Inc.**



Carolina Sanchez, PE  
*Senior Engineer*



Mark Wildermuth, PE  
*President, Principal Engineer*



# CHINO BASIN WATERMASTER

- I. CONSENT CALENDAR
- H. APPLICATION: RECHARGE



# CHINO BASIN WATERMASTER

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

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: August 20, 2020

TO: Advisory Committee

SUBJECT: Application for Recharge - Fontana Water Company (MAR) (Consent Calendar Item. I.H.)

### SUMMARY:

Issue: On June 19, 2020 Fontana Water Company submitted an Application for Recharge for up to 100 acre-feet to be recharged to a pilot project (MAR) located at a vineyard south of Beech Avenue and east of Cherry Avenue in the City of Fontana.

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

Financial Impact: None

### Future Consideration

**Advisory Committee – August 20, 2020:** Advice and Assistance

**Watermaster Board – August 25, 2020:** Approval [Within WM Duties and Powers]

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### ACTIONS:

**Appropriative Pool – July 09, 2020:** Unanimously recommended to Advisory Committee to recommend to the Watermaster Board

**Non-Agricultural Pool – July 09, 2020:** Unanimously recommended to Advisory Committee to recommend to the Watermaster Board subject to changes they deem appropriate.

**Agricultural Pool – July 09, 2020:** Unanimously recommended to Advisory Committee to recommend to the Watermaster Board

**Advisory Committee – August 20, 2020:**

**Watermaster Board – August 25, 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, 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 June 19, 2020, Fontana Water Company (FWC) submitted an Application for Recharge for up to 100 acre-feet, valid from September 1, 2020 and expiring September 1, 2021. The Application states that the method of recharge is surface spreading into a vineyard located along the south side of Beech Avenue and east of Cherry Avenue in the City of Fontana (Attachment 1). The Application identifies the source of water to be treated Lytle Creek Surface Water. This recharge event is part of a pilot test to explore the feasibility of supplemental recharge taking place in an agricultural setting.

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

FWC intends to recharge the water into the pilot test area to offset over-production during fiscal year 2020/21. The amount recharged will be subject to evaporative losses. The net recharged amount, consistent with that of other Parties that have submitted Applications for Recharge and have Local Storage Agreements, will be placed in its Local Supplemental Storage account and will be tracked by Watermaster Staff. Per the Peace II Agreement, storage losses will be applied to all water placed into a Local Supplemental Storage Account in a manner consistent with all other water held in storage. The total volume held in local storage accounts is pending a future determination, and the recommendation as written is intended to be consistent with prior recharge and storage application recommendations.

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

Wildermuth Environmental, Inc. (WEI) performed a MPI analysis of the Application for Recharge. WEI prepared a letter, dated June 23, 2020, which states that there will be no MPI due to FWC's proposed recharge as described in the June 19, 2020 recharge application (Attachment 2).

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

ATTACHMENTS

1. Fontana Water Company Recharge Application (Vulcan) Dated June 19, 2020
2. June 23, 2020 letter from WEI to Watermaster: *"Analysis of Material Physical Injury for the Fontana Water Company (FWC) Recharge Application, Submitted to the Chino Basin Watermaster on June 19, 2020 (hereafter June 19, 2020 recharge application for the vineyard)"*




# FONTANA WATER COMPANY

A DIVISION OF SAN GABRIEL VALLEY WATER COMPANY

15966 ARROW ROUTE • P.O. BOX 987, FONTANA, CALIFORNIA 92334 • (909) 822-2201

June 19, 2020



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


Subject: Fiscal Year 2020/2021 Recharge Application -  
Fontana Water Company

Dear Mr. Kavounas:



Enclosed herewith is Fontana Water Company's Application for Recharge dated June 19, 2020.

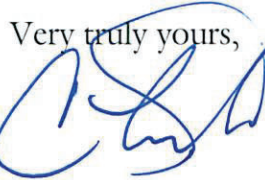
In order to provide Fontana Water Company with the most flexibility to utilize its water supply assets and provide support for a collaborative project with IEUA, Watermaster and Intex Corporation, we submit the attached application to Watermaster to recharge supplemental water delivered into the Chino Basin. The quantity of water recharged by Fontana Water Company may include up to 100 acre feet. This application to recharge water into the Vineyard located South of Beech Avenue and East of Cherry Avenue is intended to serve as a pilot test and will offset a portion of Fontana Water Company's over-production during the 2020-2021 fiscal year.



The supplemental water that Fontana Water Company is requesting to be recharged is currently treated at Fontana Water Company's Sandhill Treatment Plant. The water will be delivered through the company's distribution system to the proposed recharge area. The supplemental water is treated to potable standards and is not anticipated to pose any adverse impacts to existing water quality. Prior to recharging any water into the proposed recharge area, land owner and Watermaster shall agree to indemnify, hold harmless and defend Fontana Water Company and its employees from and against any claim, cause of action or any liability, loss, damage or expense arising from water delivered to the proposed recharge area for this pilot test and any future recharge events.

Chino Basin Watermaster  
Page 2  
June 19, 2020

Please acknowledge receipt of this letter and enclosure by signing the enclosed copy. If you have any question or need additional information, please contact me at (909) 201-7338.

Very truly yours,  


Cristopher I. Fealy, P.E.  
Water Resources Manager

CIF:bf  
Enclosure  
ACKNOWLEDGEMENT  
Receipt of this letter and enclosure  
is hereby acknowledged.

CHINO BASIN WATERMASTER

By: \_\_\_\_\_

Title: \_\_\_\_\_

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

COPY

# FONTANA WATER COMPANY

A DIVISION OF SAN GABRIEL VALLEY WATER COMPANY

15966 ARROW ROUTE • P.O. BOX 987, FONTANA, CALIFORNIA 92334 • (909) 822-2201

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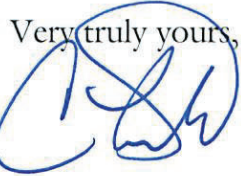
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Chino Basin Watermaster  
Page 2  
June 19, 2020

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Cristopher I. Fealy, P.E.  
Water Resources Manager

CIF:bf  
Enclosure  
ACKNOWLEDGEMENT  
Receipt of this letter and enclosure  
is hereby acknowledged.

CHINO BASIN WATERMASTER

By: \_\_\_\_\_

Title: \_\_\_\_\_

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



## Form 2a - Application for Supplemental Water Recharge

Applicant Information and Recharge Request			
Person	Fontana Water Company (FWC)	Date Requested	6/19/2020
Contact (individual)	Cris Fealy	Date Approved	
Street Address	15966 Arrow Route	Proposed Period of Time Covered by Recharge Application (mm/yyyy to mm/yyyy)	09/2020 to 09/2021
City	Fontana Water Comapny	Requested Total Amount of Recharge Over the Application Period (AF)	up to 100
State	CA	Approved Total Amount of Recharge Over the Application Period (AF)	
Zip Code	92335		
Telephone	909-822-2201		
Fax	909-823-5046		
Email	cifealy@fontanawater.com		

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

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

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

**Material Physical Injury**

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

YES  NO

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

BY:  Applicant

10/19/2020 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 \_\_\_\_\_



WECK LABORATORIES, INC.

# Certificate of Analysis

FINAL REPORT

Work Orders: 0A13042

Report Date: 2/03/2020

Received Date: 1/13/2020

Project: 3076- Sandhill-Treated.- Title 22 Monitoring

Turnaround Time: Normal

Phones: (909) 201-7331

Fax: (626) 582-1571

Attn: John Catone

P.O. #:

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

Billing Code:

Dear John Catone :

Enclosed are the results of analyses for samples received 1/13/2020 with the Chain-of-Custody document. The samples were received in good condition, at 5.4 °C and on ice. All analysis met the method criteria except as noted in the case narrative or in the report with data qualifiers.

## Sample Results

Sample: 3076- Sandhill-Treated, RegID: 3610041-076

Sampled: 01/13/20 11:30 by John Catone

0A13042-01 (Water)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Method: _Various	Batch ID: [CALC]	Instr: [CALC]	Prepared: 01/15/20 12:21			Analyst: jna	
Total Anions	3.6		0.070	meq/l	1	01/15/20	
Total Cations	3.6		0.038	meq/l	1	01/15/20	
Total hardness as CaCO3	127		0.662	mg/l	1	01/15/20	
Method: AWWA	Batch ID: W0A0763	Instr: _ANALYST	Prepared: 01/16/20 09:25			Analyst: aln	
Aggressive Index	11.9			N/A	1	01/23/20	
Method: EPA 140.1	Batch ID: W0A0576	Instr: WB05	Prepared: 01/13/20 16:42			Analyst: big	
Threshold Odor Number	1.0		1.0	T.O.N.	1	01/13/20 18:10	
Method: EPA 180.1	Batch ID: W0A0585	Instr: TUR801	Prepared: 01/13/20 17:18			Analyst: SBN	
Turbidity	ND		0.10	NTU	1	01/13/20 17:57	
Method: EPA 200.7	Batch ID: W0A0714	Instr: ICP03	Prepared: 01/15/20 12:21			Analyst: kvm	
Boron, Total	79		10	ug/l	1	01/15/20	
Calcium, Total	36.4		0.100	mg/l	1	01/15/20	
Iron, Total	ND		10	ug/l	1	01/15/20	
Magnesium, Total	8.73		0.100	mg/l	1	01/15/20	
Potassium, Total	2.5		0.10	mg/l	1	01/15/20	
Sodium, Total	24		0.50	mg/l	1	01/15/20	
Method: EPA 200.8	Batch ID: W0A1160	Instr: ICPMS04	Prepared: 01/23/20 11:26			Analyst: CWC	
Aluminum, Total	39		5.0	ug/l	1	01/27/20	
Antimony, Total	ND		0.50	ug/l	1	01/27/20	
Arsenic, Total	0.46		0.40	ug/l	1	01/27/20	
Barium, Total	24		0.50	ug/l	1	01/27/20	



# Certificate of Analysis

FINAL REPORT

WECK LABORATORIES, INC.

## Sample Results

(Continued)

Sample: 3076- Sandhill-Treated, RegID: 3610041-076

Sampled: 01/13/20 11:30 by John Catone

0A13042-01 (Water)

(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
<b>Method:</b> EPA 200.8 (Continued)	<b>Batch ID:</b> W0A1160	<b>Instr:</b> ICPMS04	<b>Prepared:</b> 01/23/20 11:26			<b>Analyst:</b> CWC	
Beryllium, Total	ND		0.10	ug/l	1	01/27/20	
Cadmium, Total	ND		0.10	ug/l	1	01/27/20	
Chromium, Total	ND		0.20	ug/l	1	01/27/20	
Copper, Total	0.88		0.50	ug/l	1	01/28/20	
Lead, Total	ND		0.20	ug/l	1	01/28/20	
Manganese, Total	0.22		0.20	ug/l	1	01/27/20	
Nickel, Total	ND		0.80	ug/l	1	01/27/20	
Selenium, Total	ND		0.40	ug/l	1	01/27/20	
Silver, Total	ND		0.20	ug/l	1	01/27/20	
Thallium, Total	ND		0.20	ug/l	1	01/27/20	
Zinc, Total	ND		5.0	ug/l	1	01/27/20	
<b>Method:</b> EPA 245.1	<b>Batch ID:</b> W0A0884	<b>Instr:</b> hg03	<b>Prepared:</b> 01/20/20 10:18			<b>Analyst:</b> dec	
Mercury, Total	ND		0.050	ug/l	1	01/21/20	
<b>Method:</b> EPA 300.0	<b>Batch ID:</b> W0A0595	<b>Instr:</b> LC12	<b>Prepared:</b> 01/14/20 08:38			<b>Analyst:</b> jna	
Chloride, Total	31		0.50	mg/l	1	01/15/20	
Fluoride, Total	0.14		0.10	mg/l	1	01/15/20	
Sulfate as SO4	30		0.50	mg/l	1	01/15/20	
<b>Method:</b> EPA 314.0	<b>Batch ID:</b> W0A0544	<b>Instr:</b> LC08	<b>Prepared:</b> 01/13/20 12:59			<b>Analyst:</b> jna	
Perchlorate	ND	0.84	2.0	ug/l	1	01/14/20	
<b>Method:</b> EPA 335.4	<b>Batch ID:</b> W0A0747	<b>Instr:</b> AA01	<b>Prepared:</b> 01/15/20 18:02			<b>Analyst:</b> SAR	
Cyanide, Total	ND		5.0	ug/l	1	01/20/20	
<b>Method:</b> EPA 353.2	<b>Batch ID:</b> W0A0549	<b>Instr:</b> AA01	<b>Prepared:</b> 01/13/20 13:17			<b>Analyst:</b> sar	
Nitrate as N	0.60		0.20	mg/l	1	01/14/20 13:13	
Nitrite as N	ND		100	ug/l	1	01/14/20 13:13	
NO2+NO3 as N	600		200	ug/l	1	01/14/20	
<b>Method:</b> EPA 524.2	<b>Batch ID:</b> W0A0707	<b>Instr:</b> GCMS14	<b>Prepared:</b> 01/15/20 11:16			<b>Analyst:</b> cam	
1,1,1,2-Tetrachloroethane	ND	0.10	0.50	ug/l	1	01/17/20	
1,1,1-Trichloroethane	ND	0.11	0.50	ug/l	1	01/17/20	
1,1,2,2-Tetrachloroethane	ND	0.20	0.50	ug/l	1	01/17/20	
1,1,2-Trichloroethane	ND	0.19	0.50	ug/l	1	01/17/20	
1,1-Dichloroethane	ND	0.12	0.50	ug/l	1	01/17/20	
1,1-Dichloroethene	ND	0.16	0.50	ug/l	1	01/17/20	
1,1-Dichloropropene	ND	0.14	0.50	ug/l	1	01/17/20	
1,2,3-Trichlorobenzene	ND	0.19	0.50	ug/l	1	01/17/20	
1,2,4-Trichlorobenzene	ND	0.17	0.50	ug/l	1	01/17/20	
1,2,4-Trimethylbenzene	ND	0.20	0.50	ug/l	1	01/17/20	
1,2-Dichloroethane	ND	0.12	0.50	ug/l	1	01/17/20	
1,2-Dichloropropane	ND	0.13	0.50	ug/l	1	01/17/20	
1,3,5-Trimethylbenzene	ND	0.17	0.50	ug/l	1	01/17/20	
1,3-Dichloropropane	ND	0.11	0.50	ug/l	1	01/17/20	



WECK LABORATORIES, INC.

# Certificate of Analysis

FINAL REPORT

## Sample Results

(Continued)

Sample: 3076- Sandhill-Treated, RegID: 3610041-076

Sampled: 01/13/20 11:30 by John Catone

0A13042-01 (Water)

(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
<b>Method:</b> EPA 524.2 (Continued)						<b>Analyst:</b> cam	
<b>Batch ID:</b> W0A0707							
<b>Instr:</b> GCMS14							
<b>Prepared:</b> 01/15/20 11:16							
1,3-Dichloropropene, Total	ND		0.50	ug/l	1	01/17/20	
2,2-Dichloropropane	ND	0.17	0.50	ug/l	1	01/17/20	
2-Butanone	ND	1.5	5.0	ug/l	1	01/17/20	
2-Chlorotoluene	ND	0.15	0.50	ug/l	1	01/17/20	
2-Hexanone	ND	1.2	5.0	ug/l	1	01/17/20	
4-Chlorotoluene	ND	0.15	0.50	ug/l	1	01/17/20	
4-Methyl-2-pentanone	ND	1.8	5.0	ug/l	1	01/17/20	
Benzene	ND	0.15	0.50	ug/l	1	01/17/20	
Bromobenzene	ND	0.15	0.50	ug/l	1	01/17/20	
Bromochloromethane	ND	0.15	0.50	ug/l	1	01/17/20	
<b>Bromodichloromethane</b>	<b>6.6</b>	0.090	0.50	ug/l	1	01/17/20	
<b>Bromoform</b>	<b>0.59</b>	0.19	0.50	ug/l	1	01/17/20	
Bromomethane	ND	0.27	0.50	ug/l	1	01/17/20	
Carbon tetrachloride	ND	0.12	0.50	ug/l	1	01/17/20	
Chlorobenzene	ND	0.15	0.50	ug/l	1	01/17/20	
Chloroethane	ND	0.17	0.50	ug/l	1	01/17/20	
<b>Chloroform</b>	<b>8.5</b>	0.12	0.50	ug/l	1	01/17/20	
Chloromethane	ND	0.23	0.50	ug/l	1	01/17/20	
cis-1,2-Dichloroethene	ND	0.11	0.50	ug/l	1	01/17/20	
cis-1,3-Dichloropropene	ND	0.11	0.50	ug/l	1	01/17/20	
<b>Dibromochloromethane</b>	<b>3.8</b>	0.20	0.50	ug/l	1	01/17/20	
Dibromomethane	ND	0.20	0.50	ug/l	1	01/17/20	
Dichlorodifluoromethane (Freon 12)	ND	0.45	0.50	ug/l	1	01/17/20	
Di-isopropyl ether	ND	0.34	2.0	ug/l	1	01/17/20	
Ethyl tert-butyl ether	ND	0.40	2.0	ug/l	1	01/17/20	
Ethylbenzene	ND	0.21	0.50	ug/l	1	01/17/20	
Freon 113	ND	1.5	5.0	ug/l	1	01/17/20	
Hexachlorobutadiene	ND	0.40	0.50	ug/l	1	01/17/20	
Isopropylbenzene	ND	0.18	0.50	ug/l	1	01/17/20	
m,p-Xylene	ND	0.33	0.50	ug/l	1	01/17/20	
m-Dichlorobenzene	ND	0.14	0.50	ug/l	1	01/17/20	
Methyl tert-butyl ether (MTBE)	ND	0.19	2.0	ug/l	1	01/17/20	
Methylene chloride	ND	0.14	0.50	ug/l	1	01/17/20	
Naphthalene	ND	0.35	0.50	ug/l	1	01/17/20	
n-Butylbenzene	ND	0.29	0.50	ug/l	1	01/17/20	
n-Propylbenzene	ND	0.18	0.50	ug/l	1	01/17/20	
o-Dichlorobenzene	ND	0.19	0.50	ug/l	1	01/17/20	
o-Xylene	ND	0.20	0.50	ug/l	1	01/17/20	
p-Dichlorobenzene	ND	0.18	0.50	ug/l	1	01/17/20	
p-Isopropyltoluene	ND	0.25	0.50	ug/l	1	01/17/20	



WECK LABORATORIES, INC.

# Sample Results

# Certificate of Analysis

FINAL REPORT

(Continued)

Sample: 3076- Sandhill-Treated, RegID: 3610041-076  
0A13042-01 (Water)

Sampled: 01/13/20 11:30 by John Catone  
(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
<b>Method:</b> EPA 524.2 (Continued)	<b>Batch ID:</b> W0A0707	<b>Instr:</b> GCMS14	<b>Prepared:</b> 01/15/20 11:16	<b>Analyst:</b> cam			
sec-Butylbenzene	ND	0.24	0.50	ug/l	1	01/17/20	
Styrene	ND	0.19	0.50	ug/l	1	01/17/20	
Tert-amyl methyl ether	ND	0.59	2.0	ug/l	1	01/17/20	
tert-Butylbenzene	ND	0.18	0.50	ug/l	1	01/17/20	
Tetrachloroethene	ND	0.18	0.50	ug/l	1	01/17/20	
<b>THMs, Total</b>	<b>19</b>		<b>0.50</b>	ug/l	1	01/17/20	
Toluene	ND	0.14	0.50	ug/l	1	01/17/20	
trans-1,2-Dichloroethene	ND	0.11	0.50	ug/l	1	01/17/20	
trans-1,3-Dichloropropene	ND	0.15	0.50	ug/l	1	01/17/20	
Trichloroethene	ND	0.18	0.50	ug/l	1	01/17/20	
Trichlorofluoromethane	ND	0.18	0.50	ug/l	1	01/17/20	
Vinyl chloride	ND	0.18	0.50	ug/l	1	01/17/20	
Xylenes, Total	ND		0.50	ug/l	1	01/17/20	
<i>Surrogate(s)</i>							
1,2-Dichlorobenzene-d4	90%		70-130	Conc: 9.00		01/17/20	
4-Bromofluorobenzene	82%		70-130	Conc: 8.24		01/17/20	
<b>Method:</b> SM 21208	<b>Batch ID:</b> W0A0584	<b>Instr:</b> _ANALYST	<b>Prepared:</b> 01/13/20 17:11	<b>Analyst:</b> ssi			
Color	ND		3.0	Color Units	1	01/13/20 18:12	
<b>Method:</b> SM 23208	<b>Batch ID:</b> W0A0608	<b>Instr:</b> AA02	<b>Prepared:</b> 01/14/20 10:24	<b>Analyst:</b> sbn			
Alkalinity as CaCO3	100		2.0	mg/l	1	01/14/20	
Bicarbonate Alkalinity as HCO3	130		2.0	mg/l	1	01/14/20	
Carbonate Alkalinity as CaCO3	ND		2.0	mg/l	1	01/14/20	
Hydroxide Alkalinity as CaCO3	ND		2.0	mg/l	1	01/14/20	
<b>Method:</b> SM 23308	<b>Batch ID:</b> W0A0858	<b>Instr:</b> _ANALYST	<b>Prepared:</b> 01/17/20 15:48	<b>Analyst:</b> aln			
Langelier Index @ 60 C	0.637		-10.0	N/A	1	01/17/20	
Langelier Index @ Source Temp	-0.001		-10.0	N/A	1	01/17/20	
<b>Method:</b> SM 25108	<b>Batch ID:</b> W0A0602	<b>Instr:</b> AA02	<b>Prepared:</b> 01/14/20 09:48	<b>Analyst:</b> sbn			
Specific Conductance (EC)	370		2.0	umhos/cm	1	01/14/20	
<b>Method:</b> SM 2540C M	<b>Batch ID:</b> W0A0589	<b>Instr:</b> OVEN01	<b>Prepared:</b> 01/13/20 18:18	<b>Analyst:</b> big			
Total Dissolved Solids	110		10	mg/l	1	01/14/20	
<b>Method:</b> SM 4500H + -B	<b>Batch ID:</b> W0A0578	<b>Instr:</b> AA02	<b>Prepared:</b> 01/13/20 16:52	<b>Analyst:</b> sbn			
pH	7.90		0.10	Units	1	01/13/20 18:03	
<b>Method:</b> SM 5540C	<b>Batch ID:</b> W0A0603	<b>Instr:</b> UVVIS04	<b>Prepared:</b> 01/14/20 10:04	<b>Analyst:</b> mfh			
MBAS	ND		0.050	mg/l	1	01/14/20 16:12	



WECK LABORATORIES, INC.

# Certificate of Analysis

FINAL REPORT

## Notes and Definitions

Item	Definition
*	The recommended holding time for this analysis is only 15 minutes. The sample was analyzed as soon as it was possible but it was received and analyzed past holding time.
% Rec	Percent Recovery
Dil	Dilution
dry	Sample results reported on a dry weight basis
MDA	Minimum Detectable Activity
MDL	Method Detection Limit
MRL	The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ)
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
NR	Not Reportable
RPD	Relative Percent Difference
Source	Sample that was matrix spiked or duplicated.
TIC	Tentatively Identified Compound (TIC) using mass spectrometry. The reported concentration is relative concentration based on the nearest internal standard. If the library search produces no matches at, or above 85%, the compound is reported as unknown.

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.

An Absence of Total Coliform meets the drinking water standards as established by the California State Water Resources Control Board (SWRCB)

All results are expressed on wet weight basis unless otherwise specified.

All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS002.

## Analyses Accreditation Summary

Analyte	CAS #	Not By NELAP	ANAB ISO 17025
AWWA in Water Aggressive Index		✓	

Reviewed by:

Valerie Rejuso  
Project Manager



ELAP-CA #1132 • EPA-UCMR #CA00211 • Guam-EPA #17-008R • HW-DOH # • ISO17025 ANAB #L2457.01 • LACSD #10143 • NELAP-OR #4047 • NJ-DEP #CA015 • NV-DEP #NAC 445A • SCAQMD #93LA1006

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



June 23, 2020

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

**Subject: Analysis of Material Physical Injury for the Fontana Water Company (FWC) Recharge Application, as submitted to the Chino Basin Watermaster on June 19, 2020 (hereafter June 19, 2020 recharge application for the vineyard)**

Dear Mr. Kavounas,

Pursuant to your direction, Wildermuth Environmental, Inc. (WEI) conducted a material physical injury (MPI) analysis of the FWC's June 19, 2020 recharge application for the vineyard. This MPI analysis has been done pursuant to the Watermaster Rules and Regulations and the Peace Agreement. Specifically, Article 10 of Watermaster Rules and Regulations (paragraph 10.10) requires that:

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

Per the Peace Agreement (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 evaluation of Chino Basin storage programs, groundwater modeling of various groundwater management alternatives in the Chino Basin, and prior MPI analyses.



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### **FWC's June 19, 2020 recharge application for the vineyard**

The FWC proposes to recharge up to 100 acre-feet (af) of Lytle Creek water at a working vineyard located south of Beech Avenue and east of Cherry Avenue, east of the San Sevaine basins (the vineyard) during the period of September 2020 through September 2021. The recharge water would be treated to potable standards and diverted into the vineyard from the FWC distribution system. Note that FWC submitted, and Watermaster approved, a similar application in 2018 and 2019 to recharge up to 100 af of Lytle Creek water into the vineyard during the combined period of January 2019 through September 2020. As of June 22, 2020, FWC has not recharged any water in the vineyard as part of their July 2018 and 2019 recharge applications.

The scope of this analysis is to determine if the proposed recharge event of up to 100 af of Lytle Creek water by the FWC, as proposed in its June 19, 2020 recharge application for the vineyard, has the potential to cause MPI.

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

The proposed recharge event will produce a localized increase in groundwater levels in the vicinity of the vineyard where the recharge occurs, followed by a return to the groundwater levels that would occur had the water not been recharged. The current depth to groundwater beneath the vineyard is presently about 650 feet below ground surface (bgs); groundwater-level data at IEUA's San Sevaine 1-1 monitoring well, located southeast of the vineyard, suggests that there is perched groundwater near the vineyard with at a depth to groundwater of about 225 feet bgs. There will be no adverse liquefaction or land subsidence impacts from the groundwater level changes caused by the recharge and storage proposed by the FWC.

### **Balance of Recharge and Discharge in Every Area and Subarea**

Per the June 19, 2020 recharge application for the vineyard, FWC intends to use the proposed recharge water to partially offset its replenishment obligation. The vineyard is located in MZ2 and FWC's pumping wells are located in MZ3. Figure 7-11d from the 2020 Safe Yield Recalculation Final Report<sup>1</sup> (WEI, 2020) shows the projected change in groundwater levels from 2018 through 2050. Review of this map indicates that for the period 2018 through 2050, groundwater levels are projected to decline more in the northern part of MZ2 than the northern part of MZ3. The proposed recharge will contribute to improving the balance of recharge and discharge in MZ2.

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<sup>1</sup> [https://cbwm.syncedtool.com/shares/folder/e83081106c3072/?folder\\_id=2512](https://cbwm.syncedtool.com/shares/folder/e83081106c3072/?folder_id=2512)

### **Total Dissolved Solids and Nitrate Concentration of the Recharge Water**

The 2004 Regional Water Quality Control Plan (Basin Plan) for the Santa Ana River Watershed has total dissolved solids (TDS) and nitrate (expressed as nitrogen) concentration objectives in the Chino-North Groundwater Management Zone (GMZ) of 420 milligrams per liter (mg/l) and 5 mg/l, respectively. The proposed recharge event will occur in the Chino-North GMZ. Pursuant to the Basin Plan, Watermaster and the IEUA are required to manage recharge in spreading basins in the Chino Basin such that the five-year, volume-weighted average TDS and nitrate concentration of the recycled water, imported water, supplemental native water, and new stormwater recharged across all recharge basins will not exceed the Basin Plan objectives. We reviewed historical water quality data for Lytle Creek including recent data provided by the FWC in their June 19, 2020 recharge application for the vineyard. This characterization indicates that the TDS and nitrate concentrations of the water proposed to be recharged are generally less than 320 mg/l and 1 mg/l, respectively. The current ambient TDS and nitrate concentrations in the Chino-North GMZ are 350 mg/l and 10.3 mg/l, respectively, and therefore the proposed recharge event will not encroach on the current assimilative capacity or interfere with Watermaster and the IEUA's regulatory obligations. In fact, the proposed recharge event will be helpful in complying with Watermaster and the IEUA's maximum benefit commitment in the Basin Plan. There will be no adverse TDS or nitrate concentration impacts caused by the proposed recharge event.

### **Water Quality Impacts on Other Pumpers**

The water quality of the proposed recharge water is comparable to State Water Project water, and the proposed recharge event will improve the general water quality in MZ2 and the Basin. The proposed recharge will not change the direction and/or speed of movement of known contaminant plumes. Water quality data in the surrounding wells were reviewed to determine if there were regulated agricultural chemicals that would be associated with vineyard operations as an indicator of what contaminants (e.g., 1,2-dibromo-3-chloropropane, a fumigant known to be used in vineyards prior to the 1980s) could be stored in the vadose zone and potentially leached out during the proposed recharge activity. No contaminants were found. There will be no adverse water quality impacts caused by the proposed recharge event based on the available water quality data.

### **Conclusion and Recommendations**

There will be no MPI due to the FWC-proposed recharge event as described in their June 19, 2020 recharge application for the vineyard.

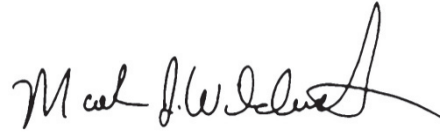
Please call us if you have any questions or concerns regarding this MPI analysis.

Very truly yours,

**Wildermuth Environmental, Inc.**



Carolina Sanchez, PE  
*Senior Engineer*



Mark Wildermuth, PE  
*President, Principal Engineer*

# CHINO BASIN WATERMASTER

- I. CONSENT CALENDAR
- I. APPLICATION: RECHARGE



# CHINO BASIN WATERMASTER

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

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**PETER KAVOUNAS, P.E.**  
General Manager

## STAFF REPORT

DATE: August 20, 2020  
TO: Advisory Committee  
SUBJECT: Application for Recharge - San Antonio Water Company (Consent Calendar Item I.I.)

### SUMMARY:

Issue: On June 22, 2020, San Antonio Water Company submitted an Application for Recharge for up to 2,500 acre-feet to be recharged into basins along the San Antonio Channel.

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

Financial Impact: None

### Future Consideration

**Advisory Committee – August 20, 2020:** Advice and Assistance

**Watermaster Board – August 25, 2020:** Approval [Within WM Duties and Powers]

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### ACTIONS:

**Appropriative Pool – July 09, 2020:** Unanimously recommended to Advisory Committee to recommend to the Watermaster Board  
**Non-Agricultural Pool – July 09, 2020:** Unanimously recommended to Advisory Committee to recommend to the Watermaster Board subject to changes they deem appropriate.

**Agricultural Pool – July 09, 2020:** Unanimously recommended to Advisory Committee to recommend to the Watermaster Board  
**Advisory Committee – August 20, 2020:**

**Watermaster Board – August 25, 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 June 22, 2020, San Antonio Water Company (SAWCo) submitted an Application for Recharge for up to 2,500 acre-feet from July 01, 2020 to July 01, 2021. The Application states that the method of recharge is surface spreading into Basins aligned with the San Antonio Creek system (see Attachment 1) and identifies the source of water to be Local Supplemental water. Attached to the Application are water quality results from the Clinical Laboratory of San Bernardino, Inc. to aid in the MPI analysis (see Attachment 2.)

If and when approved, SAWCo intends to recharge the water into the basins connected to the San Antonio Creek channel system. The amount recharged will be subject to evaporative losses. 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.

An Application to Recapture Water in Storage will need to be submitted, prior to recapture. If the method and location of recapture from storage is to exchange with other groundwater producers in the Basin, when such an exchange is proposed, San Antonio Water Company and the other Party will need to submit the appropriate water transfer forms, which include the recapture plan. 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 June 24, 2020 declaring no negative impacts to the Basin from this recharge event (see Attachment 3.) In 2019, WEI expressed concern over 1,2,3-TCP concentrations in wells that exceeded the California maximum contaminant level (MCL) that are within the flow path of the proposed recharge basins. However, the proposed recharge of 2,500 af was not a large enough volume to significantly change direction or speed of the groundwater flow in the area and thus would not significantly impact any of the wells downstream. Staff has reviewed and recommends approval of the Application for Recharge as presented.

Once approved, SAWCo must complete Form 2b *Request to Recharge Supplemental Water by a Person to Watermaster*. Form 2b will be used by Watermaster staff to coordinate with SAWCo 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, SAWCo will be required to submit Form 2c *Report of Supplemental Water Recharge by a Person* to Watermaster for final review and accounting.

ATTACHMENTS

1. SAWCo Recharge Application Dated June 22, 2020
2. Clinical Laboratory of San Bernardino, Inc. Water Quality Report
3. June 24, 2020 Letter from WEI to Watermaster: *Analysis of Material Physical Injury for the San Antonio Water Company (SAWC) Recharge Application, Submitted to the Chino Basin Watermaster on June 22, 2020*

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

<b>Applicant Information and Recharge Request</b>			
Person	San Antonio Water Company	Date Requested	07/01/2020
Contact (individual)	Brian Lee	Date Approved	
Street Address	139 North Euclid Avenue	Proposed Period of Time Covered by Recharge Application (mm/yyyy to mm/yyyy)	07/01/2020 to 06/31/2021
City	Upland	Requested Total Amount of Recharge Over the Application Period (AF)	2,500
State	CA	Approved Total Amount of Recharge Over the Application Period (AF)	
Zip Code	91786		
Telephone	909.982.4107		
Fax	909.920.3047		
Email	blee@sawaterco.com		

<b>Source(s) of Supply (check box and provide supporting information)</b>	
<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)
<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)

<b>Method of Recharge (check box and provide supporting information)</b>	
<input checked="" type="checkbox"/>	Surface Spreading
	Recharge Basin Name(s) <span style="float: right;">Upland Montclair Basins</span>
	Expected Period of Recharge (mm/dd to mm/dd) <span style="float: right;">07/01/20 to 06/31/21</span>
	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 rationale either below or attach one to this application)

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BY: **Brian C. Lee** Digitally signed by Brian C. Lee  
Date: 2020.06.22 09:10:04  
-07'00'  
Applicant

June 22, 2020  
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 \_\_\_\_\_

# Clinical Laboratory of San Bernardino, Inc.

Celebrating 50 Years of Analytical Service 1967-2017



San Antonio Water Co.  
139 N Euclid Ave  
Upland CA, 91786

Project: Routine  
Sub Project:  
Project Manager: Brian Lee

Work Order: 19G0222  
Received: 07/02/19 15:45  
Reported: 07/16/19

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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### V-Screen

19G0222-01 (Water)

Sample Date: 07/02/19 10:40

Sampler: Not Listed

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
<b>Field Analyses</b>									
Cl Res (Field)	Field	0			mg/L	07/02/19	07/02/19	1927100	
pH (Field)	Field	8.2			pH Units	07/02/19	07/02/19	1927100	
Temperature (Field)	Field	56			°F	07/02/19	07/02/19	1927100	

### General Chemical Analyses

Alkalinity, Total (as CaCO <sub>3</sub> )	SM 2320 B	150	5.0		mg/L	07/08/19	07/08/19	1927063	
Ammonia as N (NH <sub>3</sub> -N)	EPA 350.1	ND	0.50		mg/L	07/08/19	07/08/19	1928004	
Bicarbonate (HCO <sub>3</sub> )	SM 2320 B	190	5.0		mg/L	07/08/19	07/08/19	1927063	
Carbonate (CO <sub>3</sub> )	SM 2320B	ND	5.0		mg/L	07/08/19	07/08/19	1927063	
Chloride (Cl)	EPA 300.0	1.1	1.0	500	mg/L	07/03/19	07/03/19	1927095	
Specific Conductance (E.C.)	SM 2510B	310	2.0	1600	umhos/cm	07/08/19	07/08/19	1927063	
Fluoride (F)	EPA 300.0	0.30	0.10	2	mg/L	07/03/19	07/03/19	1927095	
Hydroxide (OH)	SM 2320B	ND	5.0		mg/L	07/08/19	07/08/19	1927063	
MBAS (LAS Mole. Wt 340.0)	SM 5540C	ND	0.10	0.5	mg/L	07/03/19	07/03/19	1927091	
Nitrate as N (NO <sub>3</sub> -N)	EPA 300.0	ND	0.40	10	mg/L	07/03/19	07/03/19	1927095	
Nitrite as N (NO <sub>2</sub> -N)	EPA 300.0	ND	0.40	1	mg/L	07/03/19	07/03/19	1927095	
Organic Nitrogen	Calculation	ND	1.5		mg/L	07/09/19	07/09/19	[CALC]	
pH (Lab)	SM 4500HB	8.4			pH Units	07/02/19	07/02/19	1927063	
Sulfate (SO <sub>4</sub> )	EPA 300.0	20	0.50	500	mg/L	07/03/19	07/03/19	1927095	
Total Filterable Residue/TDS	SM 2540C	180	5.0	1000	mg/L	07/02/19	07/05/19	1927049	
Total Kjeldahl Nitrogen	EPA 351.2	ND	1.0		mg/L	07/09/19	07/09/19	1928044	
Total Organic Carbon	SM 5310B	0.44	0.30		mg/L	07/03/19	07/03/19	1927072	

### Metals

Boron (B)	EPA 200.7	ND	100		ug/L	07/09/19	07/09/19	1928035	
Calcium (Ca)	EPA 200.7	52	1.0		mg/L	07/08/19	07/08/19	1928024	
Copper (Cu)	EPA 200.7	ND	50	1000	ug/L	07/09/19	07/09/19	1928035	
Iron (Fe)	EPA 200.7	ND	100	300	ug/L	07/09/19	07/09/19	1928035	
Magnesium (Mg)	EPA 200.7	8.7	1.0		mg/L	07/08/19	07/08/19	1928024	
Manganese (Mn)	EPA 200.7	ND	20	50	ug/L	07/09/19	07/09/19	1928035	
Potassium (K)	EPA 200.7	1.9	1.0		mg/L	07/08/19	07/08/19	1928024	
Silica (SiO <sub>2</sub> )	EPA 200.7	15	0.50		mg/L	07/08/19	07/08/19	1928021	
Sodium (Na)	EPA 200.7	5.3	1.0		mg/L	07/08/19	07/08/19	1928024	
Zinc (Zn)	EPA 200.7	ND	50	5000	ug/L	07/09/19	07/09/19	1928035	

### Anion / Cation Balance

Hardness, Total (as CaCO <sub>3</sub> )	Calculated	160			mg/L	07/08/19	07/08/19	[CALC]	
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Bob Glaubig  
Laboratory Director

# Clinical Laboratory of San Bernardino, Inc.

Celebrating 50 Years of Analytical Service 1967-2017



San Antonio Water Co.  
139 N Euclid Ave  
Upland CA, 91786

Project: Routine  
Sub Project:  
Project Manager: Brian Lee

Work Order: 19G0222  
Received: 07/02/19 15:45  
Reported: 07/16/19

V-Screen 19G0222-01 (Water) Sample Date: 07/02/19 10:40 Sampler: Not Listed

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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### Anion / Cation Balance

Total Anions	Calculated	3.58			meq/L	07/08/19	07/08/19	[CALC]	
Total Cations	Calculated	3.6			meq/L	07/08/19	07/08/19	[CALC]	
% difference	Calculated	0.46				07/08/19	07/08/19	[CALC]	

pH (Lab) was analyzed ASAP but received and analyzed past the 15 minute hold time.

ND Analyte NOT DETECTED at or above the reporting limit

Bob Glaubig  
Laboratory Director





June 24, 2020

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 San Antonio Water Company (SAWC) Recharge Application, Submitted to the Chino Basin Watermaster on June 22, 2020 (hereafter June 22, 2020 recharge application)**

Dear Mr. Kavounas:

Pursuant to your direction, Wildermuth Environmental, Inc. (WEI) conducted a material physical injury (MPI) analysis of the SAWC's June 22, 2020 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.

### **SAWC's Recharge Application of June 22, 2020**

The SAWC proposes to recharge up to 2,500 acre-feet (af) of San Antonio Creek water into the Chino Basin during the period of July 2020 through June 2021. The SAWC proposes to divert San Antonio Creek water through its existing non-potable system and subsequently discharge it to the concrete-lined reach of San Antonio Creek located downstream of the Pomona Valley Protective Association (PVPA) diversion facilities and upstream of the College Heights and Upland Basins. The SAWC proposes to recharge this water in the Upland Basin and Montclair Basins 1-4. Diversions into the Upland Basin would occur through the existing San Antonio Creek diversion into Upland Basin. Diversions into the Montclair Basins would occur through the existing San Antonio Creek diversion into Montclair Basin 1 and subsequently be routed to other basins in the Montclair Basins complex. The SAWC will need to coordinate their proposed diversions for recharge with the Inland Empire Utilities Agency (IEUA), the Chino Basin Water Conservation District, the City of Upland, 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 SAWC did not submit a recapture plan in its June 22, 2020 recharge application.

Watermaster classifies the water proposed to be recharged by the SAWC as supplemental water; therefore, the proposed recharge will contribute to Watermaster's Peace II obligation to recharge 6,500 af per year (afy) of supplemental water in MZ1.

### **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 March 2020, the depth to groundwater beneath the basins proposed for recharge ranges from about 640 feet below ground surface (bgs) at the Upland Basin to about 450 ft bgs at the Montclair Basins. There will be no adverse liquefaction or land subsidence impacts from the groundwater level changes caused by the recharge and storage proposed by the SAWC. Pumping lifts may be slightly reduced resulting in lower pumping costs and lower greenhouse gas emissions. No adverse impacts related to groundwater level changes will occur from the proposed recharge.

### **Balance of Recharge and Discharge in Every Area and Subarea**

The SAWC did not provide a recovery plan; thus, the location of future recovery remains unknown, and the balance of recharge and discharge cannot be assessed. Watermaster should conduct an MPI review when the SAWC submits a recovery plan. We recommend that the SAWC provide a recovery plan for the water they propose to recharge under the current application and past applications as soon as practical and no later than their next application to recharge supplemental water.

### **TDS and Nitrate Concentrations Impacts**

The 2004 Regional Water Quality Control Plan (Basin Plan) for the Santa Ana River Watershed has TDS and nitrate (expressed as nitrogen) concentration objectives in the Chino-North Groundwater Management Zone (GMZ) of 430 milligrams per liter (mg/l) and 5 mg/l, respectively. The proposed recharge will occur in the Chino-North GMZ. 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-based Basin Plan objectives.

The source of the supplemental water in SAWC's June 22, 2020 recharge application is San Antonio Creek water diverted upstream of San Antonio Dam. The SAWC provided a water quality analysis of a San Antonio Creek water sample taken on July 2, 2019. WEI supplemented this water quality data with other water quality data provided by the SAWC and the City of Pomona (Pomona). These data indicate that the TDS and nitrate concentrations in San Antonio Creek water average about 220 mg/l and non-detect, respectively, for the period of 2013 through 2018. These averages are consistent with the SAWC's July 2, 2019 water quality sample analysis, which had TDS and nitrate concentrations of 190 mg/l and non-detect, respectively. The current ambient TDS and nitrate concentrations in the Chino-North GMZ are 350 mg/l and 10.3 mg/l, respectively, and therefore the proposed recharge event will not encroach on the current assimilative capacity or interfere with Watermaster and the IEUA's regulatory obligations. In fact, the proposed recharge event will be helpful in complying with Watermaster and the IEUA's maximum benefit commitment in the Basin Plan. There will be no adverse TDS or nitrate concentration impacts from the proposed recharge.

### **Water Quality Impacts on Other Pumpers**

We investigated the occurrence of observed groundwater contamination in the vicinity of the spreading basins proposed to be used in the June 22, 2020 recharge application. We compared observed concentrations of chemicals regulated under Title 22 drinking water regulations at Monte Vista Water District (MVWD) wells to Title 22 maximum contaminant levels (MCLs). Contaminants with observations exceeding MCLs included 1,2,3-Trichloropropane (TCP), 1,2-Dibromo-3-chloropropane (DBCP), nitrate, and perchlorate—with all being commonly observed contaminants in areas previously used in citrus cultivation in the Chino Valley area.

Exhibit 5-11 from the 2018 State of the Basin Report (WEI, 2019)<sup>1</sup> shows the maximum observed TCP concentration at municipal wells in the Chino Basin during the five-year period of July 2013 to June 2018. Review of this exhibit indicates that several wells in the northwest area of the Chino Basin have TCP concentrations that exceed the California

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<sup>1</sup> [http://www.cbwm.org/rep\\_engineering.htm](http://www.cbwm.org/rep_engineering.htm)

maximum contaminant level (MCL) of 0.005 ugl. The potential source(s) of TCP contamination in groundwater in this area were investigated in 2019 and it was concluded that the likely source of the TCP appears to be from land applications of soil fumigants.<sup>2</sup> The investigation also concluded it is unlikely that managed aquifer recharge (MAR) operations in the area will have a significant impact on the TCP concentrations at MVWD wells. And, that if MVWD continues to produce groundwater as they indicated in the recent 2020 Storage Management Plan, it is unlikely that MAR operations in the area will have a significant impact on the TCP concentrations outside of this area.

The proposed recharge of 2,500 af is not unusually large compared to historical recharge at the College Heights, Upland, and Montclair spreading basins, and it will not significantly change the direction and speed of groundwater flow in the area between the recharge basins and the wells owned by the MVWD. Based on this analysis, we conclude that the recharge proposed by the SAWC will not significantly impact the water quality at wells.

### **Conclusion and Recommendations**

Our professional opinion is that there will be no MPI due to the SAWC's proposed recharge, as described in its June 22, 2020 recharge application. An MPI determination cannot be made regarding the recovery of the recharged water until a recovery plan is provided to Watermaster for MPI review. The scope of the MPI analysis for the recovery plan should consider the recovery of all supplemental water recharged and stored by the SAWC.

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

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<sup>2</sup> WEI, 2019. "Investigation of the Likely Source of 1,2,3-Trichloropropane (1,2,3-TCP) in Groundwater near Recharge Basins in Management Zone 1 (MZ1) and the Impact of Managed Aquifer Recharge (MAR) on It." Technical Memorandum dated December 16, 2019.



# CHINO BASIN WATERMASTER

- II. BUSINESS ITEMS
- A. OAP LEGAL EXPENSE INCREASE



# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: August 20, 2020

TO: Advisory Committee

SUBJECT: Overlying (Agricultural) Pool Committee Legal Expense Increase (Business Item II.A.)

### SUMMARY:

Issue: The OAP Legal expense for FY 2019/20 has increased beyond the budgeted amount. The OAP budget was formally amended to account for the increase. The OAP has requested Watermaster to pay the invoices from the OAP Special Fund and it has further requested the Appropriate Pool to direct Watermaster to make payment to reimburse it pursuant to §5.4(a) of the Peace Agreement, and to provide direction on the method by which to allocate and invoice the payment among AP members.

Recommendation: Offer advice and assistance to Watermaster on issuing invoices to the Appropriate Pool Parties for the \$167,000 unreimbursed increase, allocated on the basis of the "Ag Pool Reallocation".

Financial Impact: The financial impact of the recommendation is to provide funding to Watermaster to pay the associated invoices.

### Future Consideration

**Advisory Committee – August 20, 2020:** Advice and Assistance

**Watermaster Board – August 25, 2020:** Approval [Normal Course of Business]

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### ACTIONS:

**Watermaster Board (Special) – August 4, 2020:** Approved by majority vote the motion to "direct Watermaster to offer the proposed assessment of Agricultural expenses set forth in its revised budget to be levied on the members of the Appropriate Pool pursuant to Paragraph 5.4 of the Peace Agreement, to the three Pools and Advisory Committee for their advice and assistance, honoring the intent of the 2009 Joint Pool Committee recommendation. The Board will consider the matter at its special August meeting scheduled for August 25, 2020."

**Appropriate Pool – August 13, 2020:** The Pool offered no advice or assistance on the subject of issuing invoices allocated based on the "Ag Pool Reallocation" formula; and, pending further actions toward resolution of its concerns regarding the OAP Budget increase, took action to oppose the OAP Budget increase

**Agricultural Pool – August 13, 2020:** No advice or assistance was offered

**Non-Agricultural Pool – August 14, 2020:** No advice or assistance was offered

**Advisory Committee – August 20, 2020:**

**Watermaster Board – August 25, 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

### Watermaster's Duty and Party Consent

Pursuant to Court Order, Watermaster is directed to administer the Judgment in accordance with the Peace Agreement. The Peace Agreement, by its terms, binds the Parties to the Agreement to act in conformity with the stated obligations. The Parties contractually agreed and "expressly consent to Watermaster's performance" of enumerated actions. Peace 5.4(a) states that:

"During the term of this Agreement, all assessments and expenses of the Agricultural Pool including those of the Agricultural Pool Committee shall be paid by the Appropriative Pool."

Section 5.4(a) further describes the assessments to be covered by this obligation to include but not be limited to OBMP Assessments, Paragraphs 20, 21, 22, 30, 42, 51, 53, and 54, General Administrative Expenses and Special Project Expenses. Based on prior agreements the Appropriative Pool (AP) began paying the Administrative Assessments for the Overlying (Agricultural) Pool (OAP) in FY 1984/85. The prior practice was replaced by §5.4 of the Peace Agreement whereby the AP began to also pay the OAP OBMP Assessment since FY 1999/00, immediately following the Court ordering Watermaster to act in accordance with the Peace Agreement.

In each year since, Watermaster calculates the assessments for all three Pools based on their respective prior year production. The Assessments for the OAP have been added to the assessment for the AP and paid for by the AP. The OAP Assessments historically have been allocated among AP Parties on the basis of the allocation of the unused OAP water right, called the "Ag Pool Reallocation" method.

### Legal Counsel Expenses

Each Pool has retained legal counsel and the associated expenses are included in the Administration Budget allocated to each Pool respectively. The amount to be included in the annual budget is provided by each Pool directly to Watermaster annually in the preparation of the annual budget.

Watermaster treats the invoices for Legal services provided to each Pool in the same manner. The invoices submitted by Legal Counsel are paid only after they have been reviewed and approved by the respective Pool Chair, who verifies that the work billed is responsive to the Pool's direction. Invoices are not audited or reviewed by Watermaster in any way.

Watermaster has historically collected monies to administer payments by levying assessments for both Administration and, since 2000, OBMP expenses; and in the case of the OAP expenses, the assessments are levied on the AP.

### 2009 Joint Pool Committee Recommendation

In 2009 a concern developed because of a proposed Budget Transfer that would allocate Special Project expenses to the OAP, which in turn would have to be paid by the AP. In addition, a Budget Amendment was necessary to cover increased Legal expenses by the OAP. The concerns were addressed by discussion among the Pools which resulted in a Joint Pool Committee recommendation.

The recommendation was captured in a Memorandum referred to as the "2009 memo" (Attachment 1). The Memorandum states that going forward all OAP expenses need to be budgeted for and presented for Committee review and approval in the same form and fashion as other two Pools. The Memorandum further affirms that Special Projects related to the physical solution are to be undertaken by Watermaster and not supplanted by the individual Pools. Budget amendment approvals were recommended to address the expenses at issue.

Since that time, the OAP has acted in conformity with the 2009 memo and submitted a budget that has been presented for Committee review and approval in the same form as the other two Pools. In the last four years when the OAP Legal expense budget has been exceeded a budget amendment was prepared to cover the shortfall, averaging approximately \$27k. In practice the shortfall was covered by Advisory

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Committee approval of Budget Amendment/Transfer from other accounts or from the Admin Reserve. This practice is in line with 2009 memo that requires Pool and Advisory Committee review prior to Watermaster levying the assessment.

## DISCUSSION

The OAP Legal expense account was on track through March 2020; the April invoice however was larger than the anticipated 1/12<sup>th</sup> of the annual budget and depleted the balance of the full year's budget; the OAP Chair and Vice Chair were immediately notified that Watermaster did not have the ability to pay any further invoices until the budget was amended and additional funds were made available. On June 30, 2020 the OAP approved a budget increase for FY 2019/20 to cover the outstanding May and June invoices; the OAP also reduced budget for the account that tracks the TMDL study. The \$167,000 difference between the outstanding invoices and the reduction in the TMDL account needs to be added to the FY 2019/20 budget for Watermaster to be allowed to reimburse the OAP for their use of reserves to pay the outstanding invoices.

The OAP prepared a FY 2019/20 budget and approved a Budget Amendment, in accordance with the 2009 recommendation.

Watermaster considered a Budget Amendment/Transfer as a method that had been used in the past to authorize the payment. A Budget Amendment/Transfer is problematic this year: first, there are not enough unspent funds in other Admin accounts to transfer; second, the amount is the same order of magnitude as the remaining Admin Reserve balance and a transfer from Admin Reserve would wipe out the reserve (and would have to be refilled at assessment time); and third, Admin accounts are funded based on one formula (Production), whereas OAP expenses are covered from money collected based on "Ag Pool Reallocation" formula, creating an inequity among Appropriative Pool parties which would be substantial in light of the necessary transfer amount.

As an alternative, Watermaster has identified direct assessment of AP parties as a preferred method to collect the funds for the OAP Legal expense increase. During the July meetings the AP was asked its preference for how the invoicing should be allocated among its members, and on July 31, the AP responded without providing any direction. The matter was presented to the Watermaster Board for consideration during a Special Meeting on August 4, 2020. The Board provided direction to offer the proposed assessment to the Pool and Advisory Committees for their advice and assistance as they had not yet had the opportunity to do so as contemplated by the 2009 recommendation. In the interim, the OAP has requested Watermaster to pay the amount from its reserves and the levy on the AP parties will be to reimburse the OAP.

The topic was discussed by the three Pool Committees. Following its August 13, 2020 meeting the AP sent an email (Attachment 2) to Watermaster with the related action. The OAP and ONAP offered no advice or assistance.

## ATTACHMENTS

1. April 11, 2009 Memorandum Subject "Special Joint Pool Committee – Pool Dispute Resolution"
2. August 13, 2020 Email from AP to Watermaster

# m e m o r a n d u m

April 11, 2009

TO: Ken Willis, Chairman  
Chino Basin Watermaster

FROM: Bob Feenstra, Agricultural Pool Chairman  
Ken Jeske, Appropriative Pool Chairman  
Bob Bowcock, Overlying-Non Agricultural Pool Chairman

RE: Special Joint Pool Committee  
Pool Dispute Resolution.

A budget transfer request of \$21,000.00 has been made by staff to pay for the Regional Water Quality Control Board Basin Plan Amendment for Pathogen Total Maximum Daily Loads (TMDL) for the Middle Santa Ana River Watershed Pathogen TMDL for the Agricultural Pool. The Chino Basin Watermaster Agricultural Pool participates collectively in a task force administered by the Santa Ana Watershed Project Authority (SAWPA).

The Special Joint Pool Committee has resolved the budget transfer should be approved by the Watermaster and requests that Watermaster pay the invoice presented by the SAWPA Task Force.

As part of the resolution process, the Special Joint Pool Committee would like Watermaster to include in its motion to approve the above referenced budget transfer that the Agricultural Pool agrees to participate in the regular Watermaster Budget Process and present an annual budget in the same form and fashion as the other Pools. This will include: legal fees, consultant fees, meeting fees and projects. All of the budgets will be reviewed through the Pool process, approved and submitted by the Advisory Committee to the Watermaster.

Only Watermaster is authorized to undertake Special Project expense under Judgment Section 54 and Section 27. Such expense can only be allocated to a specific Pool if the Pool agrees or the court so orders, but this is not an authorization for the Pool to undertake such expense on its own initiative. (See e.g. Judgment section 54 and Peace Agreement section 5.4(a).) Under Section 38 (a) Pool Committees are limited to "developing policy recommendations for administration of its particular Pool." Special Project expense necessarily must be part of the Physical Solution which is under the control of the Court and its Court appointed Watermaster. While the Pool Committees are there to provide advice and assistance to Watermaster they may not supplant Watermaster's Physical Solution authority under Section 41.

Further, the Special Joint Pool Committee would like to notify Watermaster that additional legal fees have been expended which will require a budget transfer before the end of this fiscal year. Staff will be preparing a legal fee Budget Transfer in May for both the Watermaster and the Agricultural Pool, as recommended by the Special Joint Pool Committee. Presently, the estimate for the Agricultural Pool Budget Transfer for legal fees is approximately \$30,000.00.

**Peter Kavounas**

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**From:** John Schatz <jschatz13@cox.net>  
**Sent:** Thursday, August 13, 2020 11:49 PM  
**To:** Anna Nelson; Peter Kavounas  
**Cc:** John Bosler; Cris Fealy  
**Subject:** Chino Basin; Confidential Session Reportable Action

Consistent with the purpose of the Pools offering advice and assistance to Watermaster pursuant to the Special Joint Pool Committee April 11, 2009 memorandum, because the Agricultural Pool's budget increase remains in dispute and the Appropriative Pool continues to extend invitations to the Ag Pool to meet regarding Ag's expenses, pending a meeting, response to requests for information relating to Ag's expenses or other resolution of the dispute, the Appropriative Pool is opposed to the budget increase and related funds transfer.

# CHINO BASIN WATERMASTER

- II. **BUSINESS ITEMS**
  - B. FISCAL YEAR 2019/20 BUDGET TRANSFER FORM  
(T-20-06-01)



# CHINO BASIN WATERMASTER

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

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: August 20, 2020  
TO: Advisory Committee  
SUBJECT: Fiscal Year 2019/20 Budget Transfer Form (T-20-06-01) (Business Item II.B.)

### SUMMARY

Issue: Approve Fiscal Year 2019/20 Budget Transfer Form (T-20-06-01).

Recommendation: Approve Fiscal Year 2019/20 Budget Transfer Form (T-20-06-01) as presented.

Financial Impact: No financial impact. The Fiscal Year 2019/20 Budget Transfer Form (T-20-06-01) is a reallocation of approved budgeted funds and does not have any financial impact on the total FY 2019/20 "Amended" budget of \$11,250,287.70 which includes \$2,312,460.70 of Carry-Over funding.

### Future Consideration

**Advisory Committee – August 20, 2020:** Approval

**Watermaster Board – August 25, 2020:** Adoption (Advisory Committee approval required)

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### ACTIONS:

**Appropriative Pool – August 13, 2020:** Adopted a motion not to recommend Advisory Committee approval

**Agricultural Pool – August 13, 2020:** Offered no advice and assistance

**Non-Agricultural Pool – August 14, 2020:** Unanimously approved recommendation as presented and directed the Pool representatives to support at the Advisory Committee and Watermaster Board meetings subject to changes which they deem appropriate.

**Advisory Committee – August 20, 2020:**

**Watermaster Board – August 25, 2020:**

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## BACKGROUND

Utilizing the Watermaster's accounting software (Intuit 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 parties 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, as approved by the Watermaster Board on February 28, 2008.

### BUDGET TRANSFERS:

With regards to the process of budget transfers, the following information is provided:

The Chino Basin Watermaster budget has four main budget categories:

- General & Administrative Expenses
- Optimum Basin Management Program Expenses
- Project Expenditures
- Other Income/Expenses

The Watermaster General Manager has authority to transfer funds within the main budget categories up to \$25,000 without Board approval. However, to allow for full transparency in the process, the Pools, Advisory Committee, and the Board will be informed of all budget transfers less than \$25,000.

Budget transfers greater than \$25,000 *within the same categories* must be formally recommended for approval by the Pools, approved by the Advisory Committee, and approved by the Board. If there are insufficient funds within same category, the Watermaster General Manager may propose a transfer from one main category to another. All budget transfers from one main category to another, regardless of the amount, require recommended approval by the Pools, approval by the Advisory Committee, and approval by the Board.

All budget transfers are processed in and recorded in the accounting system. The processing of a fiscal year-end Budget Transfer Form is a standard accounting practice at Watermaster and normally conducted when the financials are closed for the June 30<sup>th</sup> accounting period.

## DISCUSSION

The attached Fiscal Year 2019/20 Budget Transfer Form (T-20-06-01) is provided as documentation to clearly show which general ledger accounts are being reduced and which general ledger accounts are being increased. Fiscal Year 2019/20 Budget Transfer Form (T-20-06-01) is reallocating existing approved budget dollars between Watermaster accounts as needed at the fiscal year-end June 30, 2020.

The Fiscal Year 2019/20 Budget Transfer Form (T-20-06-01) is a "net zero" document, which means the budget reductions of \$217,314 and budget additions of \$217,314 within the general ledger accounts are equal. There is no change to the overall budget as a result of Fiscal Year 2019/20 Budget Transfer Form (T-20-06-01) and no new funds or assessments are required. The effective date of the Fiscal Year 2019/20 Budget Transfer Form (T-20-06-01) will be June 30, 2020 and all adjustments will be recorded within the June 2020 accounting period.

The general ledger accounts increased by Fiscal Year 2019/20 Budget Transfer Form (T-20-06-01) are as follows:

1. BHFS Legal - Miscellaneous expenses (account 6078) in the amount of \$121,000
2. BHFS Legal - 2020 Safe Yield Reset expenses (account 6907.47) in the amount of \$33,000
3. Agricultural Pool Legal Services expenses (account 8467) in the amount of \$63,314

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The total amount of the account increases is \$217,314 ( $\$121,000 + \$33,000 + \$63,314 = \$217,314$ ). The general ledger accounts decreased by Fiscal Year 2019/20 Budget Transfer Form (T-20-06-01) are from the following areas of the FY 2019/20 expense budget:

1. BHFS Legal - Advisory Committee expenses (account 6275) in the amount of \$10,000
2. BHFS Legal - Board Meeting expenses (account 6375) in the amount of \$23,000
3. BHFS Legal - Board Workshop expenses (account 6375.1) in the amount of \$12,000
4. BHFS Legal - Appropriative Pool expenses (account 8375) in the amount of \$10,000
5. BHFS Legal - Agricultural Pool expenses (account 8475) in the amount of \$11,000
6. BHFS Legal - Non-Agricultural Pool expenses (account 8575) in the amount of \$11,000
7. Vehicle Purchase(s) - Capital Expense (account 6179) in the amount of \$31,000
8. Conferences & Seminars - General expenses (account 6191) in the amount of \$7,000
9. Watermaster Board Workshop expenses (account 6375.2) in the amount of \$6,000
10. Ricoh Copier Lease expenses (account 6043.1) in the amount of \$9,000
11. Database Consulting Services expenses (account 6052.2) in the amount of \$4,000
12. IT Data Backups/Storage expenses (account 6052.5) in the amount of \$3,000
13. Software expenses (account 6054) in the amount of \$6,000
14. Audit Support Services expenses (account 6062.5) in the amount of \$4,000
15. Seminars - General expenses (account 6192) in the amount of \$3,000
16. Employee Training expenses (account 6193) in the amount of \$3,000
17. Conferences - Registration Fees expenses (account 6193.2) in the amount of \$1,000
18. Agricultural Pool Special Projects Fund (account 8471) in the amount of \$63,314

The total amount of the account decreases is \$217,314 ( $\$10,000 + \$23,000 + \$12,000 + \$10,000 + \$11,000 + \$11,000 + \$31,000 + \$7,000 + \$6,000 + \$9,000 + \$4,000 + \$3,000 + \$6,000 + \$4,000 + \$3,000 + \$3,000 + \$1,000 + \$63,314 = \$217,314$ ).

The Approved "Amended" Budget for FY 2019/20 of \$11,250,287.70 (which includes the additional "Carry Over" funding of \$2,312,460.70) was NOT increased with the Fiscal Year 2019/20 Budget Transfer Form (T-20-06-01).

#### SOURCES OF FUNDING:

##### BHFS Legal - Various Accounts of \$77,000

Various BHFS Legal Service expenses were below budget as of June 30, 2020. These accounts are the BHFS Legal - Advisory Committee expenses (account 6275) with an available balance of \$10,000; BHFS Legal - Board Meetings expenses (account 6375) with an available balance of \$23,000; BHFS Legal - Board Workshops expenses (account 6375.1) with an available balance of \$12,000; BHFS Legal - Appropriative Pool expenses (account 8375) with an available balance of \$10,000; BHFS Legal - Agricultural Pool expenses (account 8475) with an available balance of \$11,000; and BHFS Legal - Non-Agricultural Pool expenses (account 8575) with an available balance of \$11,000.

The combination of these six BHFS accounts in the amount of \$77,000 ( $\$10,000 + \$23,000 + \$12,000 + \$10,000 + \$11,000 + \$11,000 = \$77,000$ ) are available for use as of June 30, 2020.

##### Administrative Expenses - \$77,000

Various Watermaster Administrative expenses were below budget as of June 30, 2020. While these administrative accounts were not under budget by large amounts, using them assists in the closing of the books for June 30, 2020. Specifically, the following accounts were used: (1) Vehicle Purchase(s) - Capital Expense (account 6179) with an available balance of \$31,000; (2) Conferences & Seminars - General expenses (account 6191) with an available balance of \$7,000; (3) Watermaster Board Workshop expenses (account 6375.2) with an available balance of \$6,000; (4) Ricoh Copier Lease expenses (account 6043.1) with an available balance of \$9,000; (5) Database Consulting Services expenses (account 6052.2) with an

*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*

available balance of \$4,000; (6) IT Data Backups/Storage expenses (account 6052.5) with an available balance of in the amount of \$3,000; (7) Software expenses (account 6054) with an available balance of \$6,000; (8) Audit Support Services expenses (account 6062.5) with an available balance of \$4,000; (9) Seminars - General expenses (account 6192) with an available balance of \$3,000; (10) Employee Training expenses (account 6193) with an available balance of \$3,000; and (11) Conferences - Registration Fees expenses (account 6193.2) with an available balance of \$1,000.

The combination of these eleven administrative accounts in the amount of \$77,000 ( $\$31,000 + \$7,000 + \$6,000 + \$9,000 + \$4,000 + \$3,000 + \$6,000 + \$4,000 + \$3,000 + \$3,000 + \$1,000 = \$77,000$ ) are available for use as of June 30, 2020.

#### Agricultural Pool Special Projects of \$63,314

The FY 2019/20 approved budget for the Agricultural Pool Special Projects (account 8471) was funded at \$85,000. During the fiscal year, expenses of \$21,686 were recorded for the FY 2019/20 Middle Santa Ana River Pathogen TMDL Task Force Cost Share Project, leaving an available balance of \$63,314 in the account ( $\$85,000 - \$21,686 = \$63,314$ ). There are no further expenses for FY 2019/20 for this account.

The amount of \$63,314 is available for use as of June 30, 2020.

#### USES OF FUNDING:

#### BHFS-Legal-Miscellaneous of \$121,000 and BHFS-Legal-OBMP of \$33,000

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. The total BHFS Legal Services budget (consolidating the three categories of Watermaster Administrative Legal Services of \$266,115, Pool/Advisory/Board Meeting legal expenses of \$192,713, and OBMP legal expenses of \$500,125) is the consolidated budgeted amount of \$958,953 ( $\$266,115 + \$192,713 + \$500,125 = \$958,953$ ).

During the preliminary financial closing of the year-to-date expenses as of June 30, 2020, two of the three BHFS legal categories were over budget, while one category was under budget. The two categories of BHFS legal expenses which were over budget were: (1) the Administrative legal services (6070's) which were over budget by \$120,203; and (2) the OBMP Legal expenses (6907's) which were over budget by \$32,219. The category under budget was the Pools/Advisory/Board legal expenses (6275, 6375's, 8375, 8475, and 8575) under budget by \$79,673.

As a result, a budget transfer of \$121,000 and \$33,000 were required. The transfer of funds in the amount of \$121,000 from the following accounts corrected the budget shortfall for the BHFS Legal - Miscellaneous (account 6078): (1) the transfer of funds from the BHFS Legal - Advisory Committee expenses (account 6275) in the amount of \$10,000; (2) the transfer of funds from the BHFS Legal - Board Meetings expenses (account 6375) in the amount of \$23,000; (3) the transfer of funds from the BHFS Legal - Board Workshops expenses (account 6375.1) in the amount of \$12,000; (4) the transfer of funds from the BHFS Legal - Appropriative Pool expenses (account 8375) in the amount of \$10,000; (5) the transfer of funds from the BHFS Legal - Agricultural Pool expenses (account 8475) in the amount of \$11,000; (6) the transfer of funds from the BHFS Legal - Non-Agricultural Pool expenses (account 8575) in the amount of \$11,000; (7) the transfer of funds from the Vehicle Purchase(s) - Capital Expense (account 6179) in the amount of \$31,000; (8) the transfer of funds from the Conferences & Seminars - General expenses (account 6191) in the amount of \$7,000; and (9) the transfer of funds from the Watermaster Board Workshops - Expenses (account 6375.2) in the amount of \$6,000 ( $\$10,000 + \$23,000 + \$12,000 + \$10,000 + \$11,000 + \$11,000 + \$31,000 + \$7,000 + \$6,000 = \$121,000$ ).

The transfer of funds in the amount of \$33,000 from the following accounts corrected the budget shortfall for the BHFS Legal - 2020 Safe Yield Reset (account 6907.47): (1) the transfer of funds from the Ricoh Copier Lease expenses (account 6043.1) in the amount of \$9,000; (2) the transfer of funds from Database Consulting Services expenses (account 6052.2) in the amount of \$4,000; (3) the transfer of funds from IT Data Backups/Storage expenses (account 6052.5) in the amount of \$3,000; (4) the transfer of funds from Software expenses (account 6054) in the amount of \$6,000; (5) the transfer of funds from Audit Support Services expenses (account 6062.5) in the amount of \$4,000; (6) the transfer of funds from Seminars - General expenses (account 6192) in the amount of \$3,000; (7) the transfer of funds from the Employee Training expenses (account 6193) in the amount of \$3,000; and (8) the transfer of funds from the Conferences - Registration Fees expenses (account 6193.2) in the amount of \$1,000 ( $\$9,000 + \$4,000 + \$3,000 + \$6,000 + \$4,000 + \$3,000 + \$3,000 + \$1,000 = \$33,000$ ).

As of June 30, 2020 and including the FY 2019/20 Budget Transfer Form (T-20-06-01), the final FY 2019/20 BHFS Legal Services amended budget was increased by \$77,000 from \$958,953 to \$1,035,953.

#### Agricultural Pool Legal Services of \$63,314

The FY 2019/20 OAP Legal Services budget (account 8467) was approved at \$300,000. The annual OAP Legal Services budget was equally divided into 12 months and allocated to the FY 2019/20 budget, an amount of \$25,000 per month ( $\$25,000 \times 12 \text{ months} = \$300,000$ ).

The OAP Legal Services expense account was on track through March 2020; the April invoice however, was larger than the anticipated 1/12<sup>th</sup> of the annual budget and depleted the balance of the full year's budget; the OAP Chair and Vice Chair were immediately notified that Watermaster did not have the ability to pay any further invoices until the budget was amended and additional funds were made available. On June 30, 2020 the OAP approved a budget increase for FY 2019/20 to cover the outstanding May and June invoices; the OAP also reduced budget for the account that tracks the TMDL study.

During the preliminary financial closing, it was determined that the year-to-date expenses as of June 30, 2020 for the category of Agricultural Pool Legal Services was over budget by \$230,314 and needed additional funding. The transfer of budget funds in the amount of \$63,314 from the following account helped to reduce a portion of the budget shortfall: (1) the transfer of funds from the Agricultural Pool Special Projects expenses (account 8471) in the amount of \$63,314. The remaining shortfall of \$167,000 ( $\$230,314 - \$63,314 = \$167,000$ ) was discussed by the Watermaster Board during a Special Meeting on August 4, 2020. The Board provided direction to offer the proposed assessment to the Pool and Advisory Committees for their advice and Assistance.

As of June 30, 2020 and including the FY 2019/20 Budget Transfer Form (T-20-06-01), the final FY 2019/20 OAP Legal Services amended budget was increased by \$63,314 from \$300,000 to \$363,314, and offsetting that increase was a decrease of \$63,314 in the OAP Special Projects account from \$85,000 down to \$21,686. The net change to the OAP budget was zero.

#### ATTACHMENT

1. Fiscal Year 2019/20 Budget Transfer (Form T-20-06-01)



**CHINO BASIN WATERMASTER  
FISCAL YEAR 2019/20 BUDGET TRANSFER FORM (T-20-06-01)**

To: **All Parties**

From: Joseph S. Joswiak, CFO      Date: August 13, 2020      Fiscal Year: 2019/20

**Describe reason for the transfer between budget categories here:** To facilitate the close of the fiscal year-end as of June 30, 2020, a Fiscal Year 2019/20 Budget Transfer Form (T-20-06-01) is required to reallocate the approved FY 2019/20 budget between the Watermaster budget accounts. The overall Watermaster FY 2019/20 "Amended" Budget of \$11,250,287.70 (which includes \$2,312,460.70 of Carry-Over funding) was not increased as a result of the Fiscal Year 2019/20 Budget Transfer Form (T-20-06-01). No additional funding is required.

**Budgetary account reduction**

<i>Line Item Description</i>	<i>Account Number</i>		<i>Amount</i>	
BHFS Legal - Advisory Committee	6275	Legal	\$ (10,000.00)	
BHFS Legal - Board Meetings	6375	Legal	\$ (23,000.00)	
BHFS Legal - Board Workshops	6375.1	Legal	\$ (12,000.00)	
BHFS Legal - Appropriative Pool	8375	Legal	\$ (10,000.00)	
BHFS Legal - Agricultural Pool	8475	Legal	\$ (11,000.00)	
BHFS Legal - Non-Ag Pool	8575	Legal	\$ (11,000.00)	\$ (77,000.00)
Vehicle Purchase(s) - Capital Expense	6179	Admin	\$ (31,000.00)	
Conferences & Seminars - General	6191	Admin	\$ (7,000.00)	
Watermaster Board Workshop Expenses	6375.2	Admin	\$ (6,000.00)	\$ (44,000.00)
Ricoh Copier Lease	6043.1	Admin	\$ (9,000.00)	
Database Consulting Services	6052.2	Admin	\$ (4,000.00)	
IT Data Backups/Storage	6052.5	Admin	\$ (3,000.00)	
Software	6054	Admin	\$ (6,000.00)	
Audit Support Services	6062.5	Admin	\$ (4,000.00)	
Seminars-General	6192	Admin	\$ (3,000.00)	
Employee Training	6193	Admin	\$ (3,000.00)	
Conferences-Registration Fees	6193.2	Admin	\$ (1,000.00)	\$ (33,000.00)
Agricultural Pool Special Projects	8471	Ag Pool	\$ (63,314.00)	
<b>Total Amount of Budget To Transfer "OUT"</b>			<b>\$ (217,314.00)</b>	

**Budgetary account addition**

BHFS Legal - Miscellaneous	6078	Legal	\$ 121,000.00
BHFS Legal - 2020 Safe Yield Reset	6907.47	Legal	\$ 33,000.00
Agricultural Pool Legal Services	8467	Ag Pool	\$ 63,314.00
<b>Total Amount of Budget To Transfer "IN"</b>			<b>\$ 217,314.00</b>
<b>Net Transfer Amount</b>			<b>\$ -</b>

**Transfer Procedure**

- Staff brings the transfer request to the Pools, Advisory Committee, and Board for information purposes if the transfer is under \$25,000. Transfers over \$25,000 within the same budget category must be formally recommended for approval by the Pools, approved by the Advisory Committee, and approved by the Board. Transfers between budget categories, regardless of amount, require recommended approval by the Pools, approval by the Advisory Committee, and approval by the Board.
- Once the form has been completed by the CFO, and approved by the board if required, the Chief Financial Officer will prepare and process the budget transfer in the accounting system.
- A log will be maintained by the CFO detailing the transfer.
- A fiscal year file will also be kept to hold all budget amendment forms for auditor review.

**Finance Use Only**

Date Board Approved \_\_\_\_\_  
 Finance Log # \_\_\_\_\_  
 Date Posted \_\_\_\_\_  
 Posted By \_\_\_\_\_  
 Approved by \_\_\_\_\_  
 Date approved \_\_\_\_\_

# CHINO BASIN WATERMASTER

## II. BUSINESS ITEMS

### C. 2020 OBMP CEQA – INCREASED SCOPE OF WORK (DISCUSSION ONLY)



# CHINO BASIN WATERMASTER

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

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: August 20, 2020

TO: Advisory Committee

SUBJECT: 2020 Optimum Basin Management Program CEQA – Increased Scope of Work  
(Business Item II.C.)

### SUMMARY:

Issue: Public comments received on the 2020 Optimum Basin Management Program Update Final Subsequent Environmental Impact Report (SEIR) requests that the document be revised and recirculated for public comment.

Recommendation: No recommendation at this time.

Financial Impact: The increased scope of work will require a budget amendment of \$426,000 which will be brought for consideration in September.

### Future Consideration

**Advisory Committee – August 20, 2020:** Advice and assistance.

**Watermaster Board – August 25, 2020:** Discussion only.

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### ACTIONS:

**Appropriative Pool – August 13, 2020:** Provided advice and assistance

**Agricultural Pool – August 13, 2020:** Provided advice and assistance

**Non-Agricultural Pool – August 14, 2020:** Provided advice and assistance

**Advisory Committee – August 20, 2020:**

**Watermaster Board – August 25, 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 2020 OBMP Update is a multi-stakeholder collaborative process to bring the 20-year old Program Environmental Impact Report (PEIR) 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 in 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 serve as the basis to update the OBMP. With the actions identified throughout the process, the OBMP Update requires environmental review pursuant to the California Environmental Quality Act (CEQA). IEUA will act as the lead agency for the project.

On December 12, 2019, Watermaster entered into a contract for environmental review services with Tom Dodson & Associates (TDA) to perform the required Environmental Review for the 2020 OBMP Update.

The 2020 OBMP Update environmental review process started in February 2020 with the distribution of the Initial Study and Notice of Preparation and a scoping meeting was held at the IEUA headquarters. On March 27, 2020, the Draft EIR was made available. The Draft EIR received seven comment letters from parties within the Chino Basin and from outside entities. In July 2020 the final SEIR was released. On July 15, 2020, the day of the hearing to certify the final SEIR, IEUA received a second round of public comments requesting that the final SEIR be revised and recirculated. The IEUA Board decided to postpone consideration of the final SEIR until these comments could be evaluated and addressed.

The item was presented to the three Pools for advice and assistance and will be brought back again for further advice and assistance in September.

## DISCUSSION

On July 15, 2020, the City of Ontario submitted a comment letter on the Final SEIR just prior to the start of IEUA's public hearing. Ontario's letter asserted its intent to challenge the Final SEIR through CEQA litigation.

CEQA suits take many months to resolve, and, if the court concludes that it did not comply with CEQA, the lead agency must pay attorneys' fees and revise the CEQA document, an expense that can be measured in hundreds of thousands of dollars and months of time. To avoid this CEQA litigation risks presented before, Watermaster could revise and recirculate the SEIR. In particular, Ontario's comment letters on the SEIR demand that the 2020 version of the Chino Valley Model be used to analyze hydrology impacts. To address Ontario's demand, WEI would need to conduct unanticipated modeling and engineering work. This modeling work would be required regardless whether the SEIR analyzes the OBMPU as framed in the Final SEIR, or Ontario's preferred alternative that would focus exclusively on the Storage Management Plan at the 800,000 af level. Furthermore, TDA will need to work with WEI to revise the Draft SEIR to incorporate the revised modeling work and update the Draft SEIR. Accordingly, the TDA and WEI budgets to complete the work would increase by \$75,000 and \$226,000 respectively. Additionally, the legal budget required to complete the environmental review will need to increase by \$125,000. These expenditures are unavoidable, regardless whether the SEIR analyzes the full OBMPU or Ontario's preferred alternative because the primary driver of these costs is WEI's modeling work.

In the month of September, Watermaster will bring for parties' consideration a Budget Amendment in the amount of \$426,000 to complete the work. All estimates are preliminary.

The estimated timeframe to complete the additional work and recirculate the SEIR is projected to end in April 2021.

*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*



ATTACHMENTS

1. TDA revised Scope of Work
2. WEI revised Scope of Work

**TOM DODSON & ASSOCIATES**

PHYSICAL ADDRESS: 2150 N. ARROWHEAD AVENUE SAN BERNARDINO, CA 92405

MAILING ADDRESS: PO BOX 2307, SAN BERNARDINO, CA 92406

TEL (909) 882-3612 • FAX (909) 882-7015

E-MAIL TDA@TDAENV.COM



**MEMORANDUM**

August 3, 2020

From: Tom Dodson

To: Mr. Edgar Tellez Foster

Subj: Scope of Work/Budget Amendment for the Optimum Basin Management Program  
Update CEQA Compliance

The original fee for TDA's work less subconsultants was \$175,500. This fee included Attending Meetings and Assistance in Defining the Project; Preparation of the Initial Study and Notice of Preparation; Preparation of the Draft Focused EIR; and Completion of the CEQA Process with Final EIR Notice of Determination.

TDA has, as of July 31, a budget of a little less than \$10,000 remaining. In the approximate period of time since the period of public circulation ended, TDA has billed around \$57,000, due to the complexity of the responses to comments. This effort included about 450 hours of work, split between Tom and Kaitlyn.

TDA anticipates conservatively that another round of complex comments may be submitted under the recirculated SEIR. As such, TDA feels that our fee to respond to comments on the recirculated SEIR, provide support to the staff, and attend public hearings should be \$50,000 (this assumes about 350 hours of work effort).

We do not anticipate that the effort required by us to recirculate the EIR will be as complicated as was drafting the original EIR; however, given the effort that we believe will be required to meet the needs of a recirculated document, we anticipate that our fee to complete this effort will be \$32,500 (this assumes about 225 hours of work effort).

Given that TDA has about \$10,000 left in our budget, and that we can assume minimal work effort between now and the possible approval of a budget amendment for this Project, the total fee to be amended is **\$75,000.**

TDA appreciates the opportunity to continue working with the Chino Basin Watermaster. Should you have any questions regarding the above budgetary amendment proposal, please feel free to give me a call.

Sincerely,

Tom Dodson

Wildermuth Environmental Revised Scope of Work to Support Completion of the 2020 OBMP Update Environmental Review.

**Introduction**

Watermaster led a stakeholder process during 2017 and 2018 that resulted in the 2018 Storage Framework Investigation Report (SFI). That investigation evaluated the basin response, MPI and undesirable results from the Parties storage management activities and potential future Storage and Recovery Programs that could store water in the basin concurrently with the Parties (cumulatively up to 1,000 kaf). This work was based in part, on groundwater modeling projections of the basin response using the 2017 Watermaster model that was last calibrated in 2011. Based on the results of the 2018 SFI, Watermaster developed the 2020 Storage Management Plan (SMP).

During the period 2018 through mid 2020, Watermaster updated its groundwater model and prepared an updated estimate of Safe Yield for the period 2021 through 2030. The Court subsequently accepted this recommendation and ordered the Safe Yield changed. The 2020 Watermaster model supersedes the model used in the 2018 SFI and that was relied upon in the development of the 2020 SMP.

During the period 2018 through early 2020, Watermaster led a stakeholder process to update the 2000 OBMP (2020 OBMPU). The 2020 OBMPU includes the 2020 SMP. Starting in 2020, IEUA began the process of preparing CEQA documentation for the 2020 OBMPU. Per direction from Watermaster and IEUA, WEI prepared this proposal to use the 2020 Watermaster model to update the 2018 SFI. The intent is to incorporate the results of the SFI update into the 2020 OBMPU CEQA documentation. This proposal includes additional work to assist IEUA and the Watermaster in the preparation of CEQA documentation for the 2020 OBMPU.

**Scope of Work**

There are three groups of tasks included in this proposal and they include the following

Task Group		Estimated Fee
1	Project Management	\$17,000
2	Update of the 2018 SFI	\$154,000
3	As-needed Assistance to Watermaster/IEUA for CEQA Documentation	\$55,000
Total		\$226,000

**Deliverables**

The deliverables for Task 1 include project management activities and participation at coordination meetings. The deliverable for Task 2 will be a stand-alone report that presents the basin response to storage management activities of the Parties and the use of storage space for Storage and Recovery Programs in a manner similar to that done in the 2018 SFI. The deliverables for Task 3 will be as requested by IEUA and they are expected to include drafting of sections of the CEQA document, preparation of responses to comments, and general support to IEUA and Watermaster for the CEQA process.

### Schedule

Tasks 1 and 3 are projected to occur over the entire duration of the project which is assumed to be six months. Task 2 will commence upon notice-to proceed and be completed in three months.

### Fee

The estimated fee to complete this work is \$226,000.

# CHINO BASIN WATERMASTER

## II. BUSINESS ITEMS

### D. DATA AND MODELING REVIEW OF THE CHINO VALLEY MODEL



# CHINO BASIN WATERMASTER

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

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: August 20, 2020.

TO: Advisory Committee

SUBJECT: Data and Modeling Review of the Chino Valley Model (Business Item II.D.)

### SUMMARY:

Issue: The Court Ordered Safe Yield Methodology requires that Watermaster conduct an annual review of the data used in the Chino Valley Model, as well as incorporate future advances and best management practices for the model. Additionally, the parties have requested periodic review of the modeling methods.

Recommendation: Offer advice and assistance toward the proposed process.

Financial Impact: None at this time.

### Future Consideration

**Advisory Committee – August 20, 2020:** Advice and assistance.

**Watermaster Board – August 25, 2020:** Discussion only.

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### ACTIONS:

**Appropriative Pool – August 13, 2020:** Offered advice and assistance.

**Agricultural Pool – August 13, 2020:** Offered advice and assistance.

**Non-Agricultural Pool – August 14, 2020:** Offered advice and assistance.

**Advisory Committee – August 20, 2020:**

**Watermaster Board – August 25, 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

On April 28, 2017, the Court ordered the reset of the Safe Yield of the Basin to 135,000 AF/year and with it, also ordered the methodology to be followed by Watermaster to subsequently calculate the Safe Yield in future iterations. The methodology described in the Court Order has been incorporated in sections 6.5(d) – 6.5(g) of the Watermaster Rules and Regulations, and details the process to be followed for the calculation as well as for the data collection and includes provisions to enhance the transparency of the process.

Section 6.5 (d) establishes that: “[...]In furtherance of the goal of maximizing the beneficial use of the waters of the Chino Basin, Watermaster, with the recommendation and advice of the Pools and Advisory Committee, may supplement the Reset Technical Memorandum’s methodology to incorporate future advances in best management practices and hydrologic science as they evolve over the term of this order.”

And section 6.5 (g) “Peer Review. The Pools shall be provided with reasonable opportunity, no less frequently than annually, for peer review of the collection of data and the application of the data collected in regard to the activities described in Section 6.5(d), (e), and (f).”

With this directive, Watermaster is developing a process for implementing the Court ordered data collection and modeling review with input from the parties.

The item was presented to the three Pools for advice and assistance.

## DISCUSSION

The attached Draft Implementation Process is Watermaster’s process concept to comply with sections 6.5(d) through 6.5(g) and details the scope of work to follow to implement those sections of the Rules and Regulations. The document presents the involvement of Watermaster and the parties in the review of the model as well as the data collected and applied.

At this time, Watermaster is requesting input from the parties regarding the implementation of sections 6.5(d) through 6.5(g) of the Watermaster Rules and Regulations as they relate to peer review and input from the parties for modeling and data collection and use.

## ATTACHMENTS

1. Draft Process to Comply with the Watermaster Rules and Regulations, Section 6.5(d) through 6.5(g).

## Draft Process to Comply with the Watermaster Rules and Regulations (R&R) Sections 6.5(d) through 6.5(g).

The Court's April 28, 2017 order regarding the 2011 Safe Yield reset (Court Order) contains the Safe Yield methodology and certain requirements regarding future Safe Yield Recalculation (SYR) and reset evaluations. The requirements as to the technical work are included in pages 15-18 of the Court Order and later incorporated in the Watermaster Rules and Regulations Sections 6.5(d) through 6.5(g). The following is Watermaster staff's proposed approach to implement these requirements of the Court Order.

### 6.5(d) Safe Yield Reset Methodology

This requirement provides specific direction to Watermaster to "supplement" the methodology to "incorporate future advances in in best management practices and hydrologic science as they evolve over the term of this order." Several suggestions to update the methodology were suggested late in the 2020 SYR and reset effort that should be considered in a future update of the methodology.

Watermaster will conduct the following work to supplement and update the SYR and reset methodology.

- 1) Watermaster's Engineer will develop an updated methodology based on the state-of-the-art and comments provided during the 2020 SYR and reset process. The deliverable will be a draft technical memorandum that that describes the proposed methodology and associated technical work, include the steps, cost, and schedule to implement it.
- 2) Watermaster Staff will conduct a review process to with the Parties. The review will be done in a series of meetings to present the proposed methodology and receive comments and suggestions, and to respond to the comments and suggestions.
- 3) Watermaster's Engineer will develop the final methodology documentation.
- 4) Watermaster staff will submit the final documentation for Court approval and direction to implement the updated SYR and reset methodology.

Watermaster will begin to implement this process in fiscal year 2021/22 and expect that it will take 18 to 21 months to complete through Court approval: nine months to complete the technical work (step 1 above), six months for review and finalizing the methodology (steps 2 and 3 above) and three to six months to get it approved by the Court.

### 6.5(e) Annual data collection and evaluation

Watermaster will prepare an annual report for review by the Parties that documents data that is collected and used in Watermaster modeling work in the SYR and reset process. The data types and proposed documentation process are described below.



A. Groundwater pumping records and estimates. Initially, Watermaster will document its process to ensure that all active wells are metered, and if wells cannot be metered, explain why and describe the alternative methodology used to estimate pumping at these wells. This documentation will include exhibits that, for every known pumping well in the Basin, characterize its attributes (owner, location, well construction, pumping capacity, other information) and the pumping estimate method (metering or other methods). Annually, the document will be updated with tables and charts that characterize: existing and new wells added during the reporting year (owner, location, start of service, well construction, pumping capacity, other information); wells that went out of service (owner, end of service, abandoned or destroyed, other information); pumping estimates developed from meters and other methods; and a list of challenges in obtaining information on wells (access to well site for inspection and meter testing, failure by Parties to report pumping, others).

B. Cultural conditions: This includes:

- i. **Land use.** The basin is almost completely developed and the agricultural and vacant lands that remain will convert slowly over the next few decades to urban uses. Historically, Watermaster has relied upon land use maps developed by the DWR, SCAG, Counties and land use control agencies. Other than the DWR maps, these maps were prepared for non-water management purposes (transportation, energy, land development, etc.). Projected changes in land use are based on the most historical land use maps combined with land use plans provided by the land use control agencies.

Watermaster staff will collect available land use data annually. To the extent that some of the Parties adopt water-budget-based billing systems that rely on characterizations of land use, Watermaster staff will collect this data. Most land use control agencies will not have annual updates to current land use maps and projected land use is infrequently updated, the implication being that Watermaster will not be able to produce consistent annual land use change assessments based on these maps alone. Other sources of data, such as recent aerial photographs and development records will need to be collected and reviewed.

Initially, Watermaster's Engineer will prepare a technical memorandum that characterizes the history of available land use data, the time history of land use change, and the associated changes in total and connected imperviousness. The initial documentation will also include the development of a "current" land use map based on new data collected, that can be updated annually thereafter. Each new land use map will be compared to the land use projection used in the SYR and Watermaster's Engineer will provide an opinion on the significance of the difference between actual current land use and the projected land use on which Safe Yield was calculated and use conditions on net recharge and Safe Yield.

- ii. **Water use practices.** This corresponds to water use projections and practices for urban, agricultural irrigation, and dairy water users and the fate of these waters after use. For the urban, commercial, and industrial uses, Watermaster uses the total historical and projected water use by the retail agencies, measured dry-weather discharge, and wastewater inflow to treatment plants to estimate historical and projected water use. These data are readily available and can be collected and analyzed annually. Agricultural and dairy water uses are estimated based on historical and projected land use and livestock counts. Projected land use will be available based on item B, above, and the livestock counts are reported to Regional Board. Annually, Watermaster's Engineer will collect the new data and prepare exhibits to characterize: water use projections and practices; compare the water use projections and practices used in the SYR to actual water use projections and practices and updated projections as updates become available; and provide an opinion on the significance of the difference between projected and actual water use practices on net recharge and Safe Yield.
- iii. **Groundwater pumping.** This corresponds to the location and magnitude of historical and projected groundwater pumping, which effects net recharge and Safe Yield. Annually, Watermaster's Engineer will prepare exhibits to compare the annual groundwater pumping projection used in the SYR to actual estimates of groundwater pumping (as estimated by Watermaster using the records described in item A. above) and revised groundwater pumping projections provided by the Parties. Based on the comparison, Watermaster's Engineer will provide an opinion on the significance of the difference between projected and actual groundwater pumping on net recharge and Safe Yield.
- iv. **Facilities for pumping, generation, storage, treatment and transmission (regional water infrastructure).** The impacts on net recharge and Safe Yield from regional water infrastructure will mostly be captured in groundwater pumping and water use practices [(ii) and (iii) above]. Annually, Watermaster's Engineer will prepare exhibits to: describe regional water infrastructure, compare the assumed use of this infrastructure in the SYR to actual use and revised, and provide an opinion on the significance of the difference between projected and actual infrastructure use on net recharge and Safe Yield.

The initial annual report prepared to comply with Section 6.5(e) of the R&R will be prepared in fiscal year 2021/22. Watermaster staff will start data collection on July 1, 2021 and submit a draft report for peer review by March 31, 2022 (the peer review process is discussed further in Section 6.5(g) below). The first annual report will be finalized as soon as practical following peer review of the draft. Any refinements to the process and schedule to complete this effort in subsequent years will be determined as an outcome of the initial Annual Report.

#### 6.5(f) Modeling

The R&R requirement to update and apply the model consistent with the SYR and reset methodology requires the model to be recalibrated and used to estimate Safe Yield by June 30, 2025 and the subsequent SYR and reset to be completed by June 2030. The updated SYR methodology completed pursuant to paragraph 6.5(d), as described above, should be used for the 2025 SYR evaluation.

Watermaster assumes that it will take two years to complete the technical work to estimate net recharge and Safe Yield and prepare a final report pursuant to the updated methodology, plus six months to complete the peer review process (see section 6.5(g) below) for the pools and other stakeholders. The technical work for the 2025 SYR should start in fiscal year 22/23 for completion by June 30, 2025.

#### 6.5(g) Peer Review

This requirement provides the Parties reasonable opportunity to annually review the collection and application of data collected and used in the activities described in paragraphs 6.5(d) through 6.5(f) of the R&R.

To accomplish this, Watermaster plans the formation of a standing committee for the purpose of conducting peer reviews for the benefit of the Watermaster and the Parties. This committee would meet at least semi-annually to review the status of all model-related efforts and proposed modeling work for Watermaster's budget process. The committee could also meet at a higher frequency, as required, to review the modeling work performed for: formal SYR and reset processes pursuant to 6.5(d) and 6.5(f) above, evaluation of proposed Chino Basin project impacts pursuant to the Peace Agreement, and evaluation of upstream projects to assess the impacts on the Chino Basin and the Santa Ana River riparian resources within the Chino Basin.

Watermaster plans to convene the peer review committee as early as January 2021 to begin to review the cost and schedule to implement the processes described herein to comply with the R&R.

# CHINO BASIN WATERMASTER

## II. BUSINESS ITEMS

### E. CONSIDERATION OF THE 2020 OPTIMUM BASIN MANAGEMENT PROGRAM UPDATE



# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: August 20, 2020.

TO: Advisory Committee

SUBJECT: Consideration of the 2020 Optimum Basin Management Program Update (Business Item II.E.)

### SUMMARY:

Issue: The 2020 Optimum Basin Management Program Update, completed in January 2020, is brought forward for advice and assistance from the parties prior to approval by the Watermaster Board.

Recommendation: Provide advice and assistance to the Watermaster Board.

Financial Impact: None

### Future Consideration

**Advisory Committee – August 20, 2020:** Advice and assistance.

**Watermaster Board – August 25, 2020:** Discussion only.

**Appropriative Pool – September 10, 2020:** Advice and assistance.

**Agricultural Pool – September 10, 2020:** Advice and assistance.

**Non-Agricultural Pool – September 11, 2020:** Advice and assistance.

**Advisory Committee – September 17, 2020:** Advice and assistance.

**Watermaster Board – September 25, 2020:** Approval. (Discretionary Function [OBMP])

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### ACTIONS:

**Appropriative Pool – August 13, 2020:** No advice or assistance was offered

**Agricultural Pool – August 13, 2020:** No advice or assistance was offered

**Non-Agricultural Pool – August 14, 2020:** Provided advice and assistance

**Advisory Committee – August 20, 2020:**

**Watermaster Board – August 25, 2020:**

**Appropriative Pool – September 10, 2020:**

**Agricultural Pool – September 10, 2020:**

**Non-Agricultural Pool – September 11, 2020:**

**Advisory Committee – September 17, 2020:**

**Watermaster Board – September 25, 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

In September 2018, the Watermaster initiated the process to update its Optimum Basin Management Program (OBMP). The current (2000) OBMP contains a set of management programs that improve the reliability and long-term sustainability of the Chino Basin and the water supply reliability of the Judgment Parties. The framework for developing the OBMP—including the goals of the Parties, the hydrologic understanding of the basin, the institutional and regulatory environment, an assessment of the impediments to achieving the Parties' goals, and the actions required to remove the impediments and achieve the goals—were all based on 1998-1999 conditions. Many of the projects and management programs envisioned in the 2000 OBMP have been implemented; though some have not. The understanding of the hydrology and hydrogeology of the Chino Basin has improved since 2000, and new water-management issues have been identified. Of particular importance was the need to update the Watermaster's Storage Management Plan to accommodate current planning conditions. Additionally, the PEIR and SEIR for the OBMP are nineteen and nine years old, respectively. Because the knowledge of the basin's characteristics has improved since these CEQA documents were adopted, water management challenges have intensified, and environmental considerations have changed, it was determined that an updated PEIR will better support decision-making, investment, and grant applications for ongoing and new management actions under the OBMP.

The 2020 OBMP Update was facilitated using a collaborative stakeholder process like that employed for the development of the 2000 OBMP. Throughout 2019, Watermaster held a series of public listening sessions to support the development of the 2020 OBMP Update. The purpose of the listening sessions was to obtain information, ideas, and feedback from the stakeholders to define their issues, needs, and wants; their collective goals for the 2020 OBMP Update; impediments to achieving the goals; the management actions required to remove the impediments; and a proposed plan to implement the management actions.

Watermaster established an OBMP Update Team to facilitate the stakeholder process, composed of Watermaster staff, Watermaster legal counsel, engineers and scientists from Wildermuth Environmental Inc. (WEI; Watermaster's engineering consultant), and IEUA staff. The OBMP Update Team provided key information prior to and during each listening session to enable the stakeholders to provide their input on each topic discussed. The objectives were to communicate the process for updating the OBMP, to ensure that the ideas and opinions of every stakeholder were heard, to present the information that will be considered for inclusion in the OBMP Update, and to ensure the stakeholder feedback is captured correctly.

The OBMP Update Team held eight listening sessions on the following dates:

- Listening Session 1: January 15, 2019
- Listening Session 2: February 12, 2019
- Listening Session 3: March 21, 2019
- Listening Session 4: May 16, 2019
- Listening Session 5: July 31, 2019
- Listening Session 6: September 11, 2019
- Listening Session 7: October 17, 2019
- Listening Session 8: December 11, 2019

The objectives of the first four listening sessions were (1) to confirm the need to update the OBMP; (2) to identify the issues, needs, and wants of the stakeholders; (3) to define goals for the 2020 OBMP Update; and (4) to identify new and revised activities that could be included in the 2020 OBMP Update to remove impediments to achieving the 2020 OBMP Update goals. The *2020 OBMP Scoping Report* (Scoping Report) summarized and integrated the work products of these four listening sessions and described the recommended scope of work to implement each of the "2020 OBMP Update Activities" defined by the stakeholders. The draft Scoping Report was published in parts on July 24, 2020 and August 22, 2020.

The objectives of Listening Sessions 5 and 6 were to present and obtain feedback on the scopes of work described in Section 3 of the Scoping Report. The objective of Listening Session 7 was to present and obtain feedback on the integration of the 2020 OBMP Update Activities defined in the Scoping Report with

*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 2000 OBMP Program Elements (PEs). The feedback was used to finalize the Scoping Report, which was published on November 22, 2020 along with a draft of the *2020 OBMP Update Report* (2020 OBMPU). The objectives of Listening Session 8 were to present and obtain feedback on the recommended 2020 OBMP management plan documented in the draft 2020 OBMPU and to begin discussions on the 2020 OBMP Implementation Plan and implementation agreements. The Storage Management Plan was developed in a parallel process and ultimately integrated in the final 2020 OBMPU.

The final *2020 OBMP Update Report* (Attachment 1) was published on January 24, 2020. The report describes the 2020 OBMP Update process (Section 1); the OBMP goals and new activities for the 2020 OBMP Update (Section 2); the status of the OBMP PEs and ongoing activities within them (Section 3), including the new 2020 Storage Management Plan; and the recommended 2020 OBMP management plan – inclusive of ongoing and new activities (Section 4). The management plan in Section 4 forms the foundation for the Parties to develop a final implementation plan (2020 OBMP Implementation Plan) and the agreements necessary to implement it (e.g. amendments to the Peace Agreements).

The management plan described in Section 4 of the 2020 OBMPU retains the nine PEs defined in the 2000 OBMP and is based on the ongoing 2000 OBMP implementation actions and includes the new implementation actions defined in the 2020 OBMP Update process. Implementation of the management plan described in Section 4 may or may not result in the construction of new facilities, and nothing in this document obligates Watermaster or the Parties to implement the optimization recommendations. However, some of the implementation actions included in the management plan are required by Watermaster to administer the Physical Solution or comply with other Watermaster or regulatory requirements. These required implementation actions may or may not result in the development and implementation of projects. Exhibit 17 of the 2020 OBMPU (Attachment 2) summarizes the complete management plan, inclusive of all PEs. Exhibit 17 lists each implementation action and characterizes if they originated from the 2000 OBMP or the 2020 OBMP Update and whether Watermaster deems their implementation required to administer the Physical Solution of the Judgment or comply with other regulatory or Watermaster requirements, including the basis for the requirements.

During the development of the 2020 OBMP Update, Board members regularly attended the Listening Sessions and the Watermaster Board received regular updates from staff.

The item was presented to the Pool Committees during their August 13 and 14, 2020 meetings; the ONAP offered advice to advance storage management. This item will come back to the Pool Committees for further advice and assistance in September.

## DISCUSSION

In accordance with Paragraph 41 of the Restated Judgment that reads: “Watermaster Control. Watermaster, with the advice of the Advisory and Pool Committees, is granted discretionary powers in order to develop an optimum basin management program for the Chino Basin, including both water quantity and quality considerations. Withdrawals and supplemental water replenishment of Basin Water, and the full utilization of the water resources of Chino Basin, must be subject to procedures established by and administered through Watermaster with the advice and assistance of the Advisory and Pool Committees composed of the affected producers. Both the quantity and quality of said water resources may thereby be preserved and the beneficial utilization of the Basin maximized.”, Watermaster has engaged the Pool and Advisory Committee members, as well as other regional stakeholders in the development of the 2020 Optimum Basin Management Program Update.

The 2020 OBMP Update report was developed after an exhaustive participatory process throughout 2019, with workshops and listening sessions as detailed in the background section. The report was concluded and made available to the parties on January 2020 and the environmental review process to enable implementation of any elements of the 2020 OBMP Update followed shortly after in February 2020.

As part of the 2020 OBMP Update process, Watermaster initiated a process to support the parties in the drafting of the 2020 OBMP Implementation Plan in March 2020. The Implementation Plan is required to implement the parties' suggested activities included in the 2020 OBMP Update.

Approval of the 2020 OBMP Update does not bind any of the parties to implement or participate in the activities proposed. The OBMP Implementation Plan Update would be the vehicle in which parties will agree to implement the activities and it would be memorialized in an Implementation Agreement.

The process to develop an OBMP Implementation Plan Update and an Implementation Agreement was paused in consideration of the COVID-19 pandemic and is expected to resume in the coming months.

#### ATTACHMENTS

1. 2020 Optimum Basin Management Program Update
2. Implementation Actions for the 2020 OBMP Update by Program Elements (2020 OBMP Exhibit 17)



**II. BUSINESS**

F. CONSIDERATION OF THE 2020 OPTIMUM BASIN MANAGEMENT PROGRAM UPDATE

Click on this [link](#) for the 2020 Optimum Basin Management Program Update Report

**Exhibit 17  
Implementation Actions for the 2020 Optimum Basin Management Program Update by Program Element**

Implementation Actions for the Next 20 Years by Program Element	Action Added in 2000* or 2020?	Schedule (Yr 1-3, 4-20, or 1-20)	Is the Action Required by Watermaster to Administer the Physical Solution or Comply with Other Regulatory or Court Requirements?	
			Yes/No	Basis
<b>Program Element 1 - Develop and Implement Comprehensive Monitoring Program</b>				
Watermaster will continue to conduct the required monitoring and reporting programs, including collection of: groundwater production, groundwater level, groundwater quality, ground level, surface water, climate, water supply planning, biological, and well construction/destruction monitoring data.	2000*	Years 1-20	Yes	This action included in the 2000 OBMP IP is required by the July 2000 Court Order to implement the Peace Agreement. The monitoring requirements have evolved over time. The requirements are described in Table 2 of the OBMP Update Report, which lists each Watermaster monitoring and reporting program and the associated entity (e.g. Court, Regional Board, etc.) requiring each program. These actions will allow the Parties to offer more direct input in the implementation of the required monitoring programs, but it is not necessary for Watermaster to convene this process to comply with the monitoring requirements. Watermaster annually reviews ongoing monitoring to achieve efficiency.
Perform review and update of Watermaster’s regulatory and Court-ordered monitoring and reporting programs and document in a work plan: <i>OBMP Monitoring and Reporting Work Plan</i> .	2020	Years 1-3	No	
Perform periodic review and update of the <i>OBMP Monitoring and Reporting Work Plan</i> (or other guidance documents developed by Watermaster) and modify the monitoring and reporting programs, as appropriate.	2020	Years 4-20	No	
<b>Program Element 2 - Develop and Implement Comprehensive Recharge Program</b>				
Continue to convene the Recharge Investigations and Projects Committee.	2000	Years 1-20	Yes	These actions included in the 2000 OBMP IP are required by the July 2000 Court Order to implement the Peace Agreement. The Peace II Agreement and the Special Referee’s December 2007 Report further establish the requirement and need for the recharge program. In its December 2007 Order, the Court ordered the implementation of the Peace II Agreement.
Complete the 2023 Recharge Master Plan Update (RMPU).	2000*	Years 1-3	Yes	
Implement recharge projects based on need and available resources.	2000	Years 1-20	Yes	
Update the RMPU no less than every five years (2028, 2033, 2038).	2000	Years 4-20	Yes	
<b>Program Element 3 - Develop and Implement a Water Supply Plan for Impaired Areas</b>				
n/a				As described in Section 3.2.3.2 of the 2020 OBMP Update report, there are no separate implementation actions for PE3 in the 2020 OBMP. The ongoing operation of the Chino Basin Desalters, which were the subject of the implementation actions of PE 3 in the 2000 OBMP is now part of PE 7 to Develop and Implement a Salt Management Program.
<b>Program Element 4 - Develop and Implement Comprehensive Groundwater Management Plan for Management Zone 1</b>				
Implement Watermaster’s Subsidence Management Plan, and adapt it as necessary.	2000*	Years 1-20	Yes	These actions included in the 2000 OBMP are required by the July 2000 Court Order to implement the Peace Agreement. The Peace II Agreement established further requirements for the continued recharge in MZ-1 through the term of the Peace Agreement.
Watermaster will arrange for the physical recharge of at least 6,500 any of Supplemental Water in MZ-1 as an annual average. Watermaster may re-evaluate the minimum annual quantity of Supplemental Water recharge in MZ-1 and may increase this quantity through the term of the Peace Agreement.	2000*	Years 1-20	Yes	

**Exhibit 17**

**Implementation Actions for the 2020 Optimum Basin Management Program Update by Program Element**

Implementation Actions for the Next 20 Years by Program Element	Action Added in 2000* or 2020?	Schedule (Yr 1-3, 4-20, or 1-20)	Is the Action Required by Watermaster to Administer the Physical Solution or Comply with Other Regulatory or Court Requirements?	
			Yes/No	Basis
<b>Program Element 5 - Develop and Implement Regional Supplemental Water Program</b>				
The IEUA will maximize the reuse of its recycled water in the Chino Basin.	2000*	Years 1-20	Yes	Pursuant to the Basin Plan, IEUA and Watermaster are required to maximize recycled water reuse in the Chino-North GMZ consistent with the Maximum Benefit SNMP.
The IEUA, the TVMWD, the WMWD, and/or other Party acting as a coordinating agency will establish or expand future recycled water planning efforts to maximize the reuse of all available sources of recycled water.	2020	Years 1-20	No	Although these actions optimize the management of all available recycled water supplies to achieve water supply reliability, they are not required by Watermaster to administer the Physical Solution or other regulatory requirements. These implementation actions are included as part of the 2020 OBMP Update to complement regional planning efforts, not to duplicate them.
Watermaster will support the IEUA, the TVMWD, the WMWD, and/or others in their efforts to maximize recycled water reuse to ensure these efforts are integrated with Watermaster's groundwater and salinity management efforts.	2020	Years 1-20	No	
The IEUA, the TVMWD, the WMWD, and/or other Party acting as a coordinating agency will establish or expand future integrated water resources planning efforts to address water supply reliability for all Watermaster Parties.	2020	Years 1-20	No	
Watermaster will support the IEUA, the TVMWD, the WMWD, and/or others in their efforts to improve water supply reliability to ensure those efforts are integrated with Watermaster's groundwater management efforts.	2020	Years 1-20	No	Although these actions optimize the management of all available water supplies to achieve water supply reliability, they are not required by Watermaster to administer the Physical Solution or other regulatory requirements. These implementation actions are included as part of the 2020 OBMP Update to complement regional planning efforts, not to duplicate them.
<b>Program Element 6 - Develop and Implement Cooperative Programs with the Regional Board and Other Agencies to Improve Basin Management</b>				
Re-convene the water quality committee and meet periodically to update groundwater quality management priorities.	2000*	Years 1-3	Yes	Paragraph 41 of the Judgment states: "Watermaster Control. Watermaster, with the advice of the Advisory and Pool Committees, is granted discretionary powers in order to develop an optimum basin management program for Chino Basin, including both water quantity and quality considerations. Withdrawals and supplemental water replenishment of Basin Water, and the full utilization of the water resources of Chino Basin, must be subject to procedures established by and administered through Watermaster with the advice and assistance of the Advisory and Pool Committees composed of the affected producers. Both the quantity and quality of said water resources may thereby be preserved and the beneficial utilization of the Basin maximized." (Pgs. 19-20 of the Restated Judgment) If water quality is not considered and effectively managed, the Parties may not be able to utilize their water rights, which could result in negative impacts to the basin, such as reductions in net recharge, loss of hydraulic control, and movement of contaminant plumes. Effective management of water quality in the Basin to preserve maximum beneficial use can only be accomplished through a systematic assessment of the emerging contaminant threats to the use of groundwater resources, and thoughtfully preparing a plan to respond to those threats.
Develop and implement an initial emerging contaminants monitoring plan.	2020	Years 1-3	Yes	
Prepare a water quality assessment of the Chino Basin to evaluate the need for a <i>Groundwater Quality Management Plan</i> and prepare a long-term emerging contaminants monitoring plan.	2020	Years 1-3	Yes	
Develop and implement a <i>Groundwater Quality Management Plan</i> and periodically update it.	2020	Years 4-20	Yes	
Implement long-term emerging contaminants monitoring plan.	2020	Years 4-20	Yes	
Continue to conduct investigations to assist the parties and/or the Regional Board in accomplishing mutually beneficial objectives as needed.	2000	Years 1-20	Yes	This action included in the 2000 OBMP is required by the July 2000 Court Order to implement the Peace Agreement. Recommendations for investigations will be made to Watermaster by the Water Quality Committee.
Continue to support the Parties in identifying funding from outside sources to finance cleanup efforts.	2000	Years 1-20	Yes	This action included in the 2000 OBMP is required by the July 2000 Court Order to implement the Peace Agreement. Requests for support will be made to Watermaster by the Water Quality Committee.
Implement projects of mutual interest.	2000	Years 1-20	No	The implementation of projects is not required by the 2000 OBMP IP, however Watermaster is required to support the Parties, as requested by the Committee, and as appropriate.

**Exhibit 17**  
**Implementation Actions for the 2020 Optimum Basin Management Program Update by Program Element**

Implementation Actions for the Next 20 Years by Program Element	Action Added in 2000* or 2020?	Schedule (Yr 1-3, 4-20, or 1-20)	Is the Action Required by Watermaster to Administer the Physical Solution or Comply with Other Regulatory or Court Requirements?	
			Yes/No	Basis
<b>Program Element 7 - Develop and Implement Salt Management Plan</b>				
Continue to implement the maximum benefit salt and nutrient management plan pursuant to the Basin Plan.	2000*	Years 1-20	Yes	Watermaster and IEUA must perform these actions pursuant to the maximum benefit SNMP in the Basin Plan.
Complete the 2020 update of TDS and nitrate projections to evaluate compliance with maximum benefit salt and nutrient management plan, and, if necessary, based on the outcome, prepare a plan and schedule to implement a salt offset compliance strategy.	2020	Years 1-3	Yes	Watermaster and IEUA have already begun this project and are required to complete it by the Regional Board to obtain a revised recycled water compliance program related to total dissolved solids concentrations.
Starting in 2025 and every five years thereafter, update water quality projections to evaluate compliance with the maximum benefit salt and nutrient management plan.	2020	Years 4-20	Yes	Watermaster and IEUA will be required to perform these actions pursuant to an anticipated amendment to the maximum benefit SNMP in the Basin Plan.
<b>Program Element 8/9 - Develop and Implement Groundwater Storage Program <u>and</u> Develop and Implement Storage and Recovery Programs</b>				
Complete and submit to the Court the 2020 Safe Yield Recalculation.	2000*	Years 1-3	Yes	The 2000 OBMP IP identified the ten-year recalculation requirement, which is binding on Watermaster through the 2000 Court Order. Additionally, section 4.2 of the April 2017 Court Order that followed the 2015 Safe Yield Reset further establishes the date by which the next 10-year updates must occur (2020) and affirms the 10-year update frequency.
Complete and submit to the Court the 2020 Storage Management Plan (SMP).	2020	Years 1-3	Yes	Paragraph 41 of the Judgment requires "...procedures to be established and administered through Watermaster with the advice and assistance of the Advisory and Pool Committees for the withdrawals and supplemental water replenishment of Basin water..." The SMP in the 2000 OBMP is insufficient to meet the needs of the Parties as storage already exceeds the limits in the established procedures. A new SMP is required to issue storage agreements as of July 1, 2020. And, the CEQA coverage for the existing SMP expires in July 2021.
Develop a <i>Storage and Recovery Master Plan</i> to support the design of optimized storage and recovery programs that are consistent with the 2020 Storage Management Plan and provide the Watermaster with criteria to review, condition, and approve applications in a manner that is consistent with the Judgment and the Peace Agreement.	2020	Years 1-3	Yes	Section 5.2.c.iv.(b) of the Peace Agreement states that "Watermaster shall prioritize its efforts to regulate and condition the storage and recovery of water developed in a Storage and Recovery Program for the mutual benefit of the Parties to the Judgment and give first priority to Storage and Recovery Programs that provide broad mutual benefits." Watermaster must document the basis by which it will review, condition, and approve applications in a manner that is predictable, uniform, and consistent with the Peace Agreement and the 2020 SMP. A master plan is the most efficient process to do this.
Assess losses from storage accounts based on the findings of the 2020 Safe Yield Recalculation.	2000*	Years 1-3	Yes	Section 5.2.b.xii of the Peace Agreement requires that Watermaster shall set the annual rate of loss from Local Storage for parties to the Judgment at zero through 2005. Thereafter, the rate of loss from Local Storage for parties to the Judgment will be 2% until recalculated based upon the based available scientific information. Losses will be deducted annually from each party to the Judgment's storage account. The loss rate is assessed as part of the Safe Yield recalculation.
Update the Storage Management Plan in 2025 and every five years thereafter, and when: the Safe Yield is recalculated, Watermaster determines a review and update is warranted based new information and/or the needs of the parties or the basin, and at least five years before the aggregate amount of managed storage by the parties is projected to fall below 340,000 af.	2020	Years 4-20	Yes	The 2020 SMP is based on present planning projections and technical understanding of the basin. This information can change over time and the limits established in the 2020 SMP must be revisited from time to time to ensure it meets the needs of the Parties. These triggers for updating the SMP are defined in the 2020 SMP.
Perform Safe Yield recalculation every 10 years.	2000	Years 4-20	Yes	See above basis for the 2020 Safe Yield recalculation.
Update the storage loss rate following each recalculation of Safe Yield and during periodic updates of the SMP.	2020	Years 4-20	Yes	See above basis for assessing losses based on the 2020 Safe Yield recalculation. The loss rate may also be evaluated in future SMP updates.

\*For the 2000 OBMP implementation actions annotated with a "\*\*", the description of the action has been modernized to reflect current terminology, reports, and requirements established after the 2000 OBMP was finalized.

# **CHINO BASIN WATERMASTER**

## **II. BUSINESS ITEMS**

### **F. THIRD SUPPLEMENT TO THE OBMPU STATUS REPORT**



# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: August 20, 2020

TO: Advisory Committee

SUBJECT: Third Supplement to the OBMP Update Status Report (Business Item II.F.)

### SUMMARY:

Issue: Watermaster intends to file a supplement to the prior OBMP Update status reports with the Court for the September 25, 2020 hearing.

Recommendation: Offer advice and assistance to the Watermaster Board.

Financial Impact: There is no financial impact associated with the above recommendation.

### Future Consideration

**Advisory Committee – August 20, 2020:** Advice and Assistance

**Watermaster Board – August 25, 2020:** Approval [Discretionary Action]

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### ACTIONS:

**Appropriative Pool – August 13, 2020:** Offered advice and assistance

**Agricultural Pool – August 13, 2020:** No advice or assistance was offered

**Non-Agricultural Pool – August 14, 2020:** No advice or assistance was offered

**Advisory Committee – August 20, 2020:**

**Watermaster Board – August 25, 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

To keep the Court apprised of the status of the effort to update the OBMP Watermaster has filed a status report with two supplements thus far. Watermaster intends to file a third supplement to the status report in advance of the scheduled September 25, 2020 Court Hearing.

## DISCUSSION

The draft Third Supplement to the OBMPU Status Report is attached. The item was discussed during the August 13 and 14, 2020 Pool Committee meetings, and is being presented for further advice and Assistance at the Advisory Committee meeting. Watermaster will continue to receive input until the August 25, 2020 Board meeting.

## ATTACHMENTS

1. Draft Third Supplement to the OBMPU Status Report

1 SCOTT S. SLATER (State Bar No. 117317)  
 2 [sslater@bhfs.com](mailto:sslater@bhfs.com)  
 3 BRADLEY J. HERREMA (State Bar No. 228976)  
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7 Attorneys for  
**CHINO BASIN WATERMASTER**

8 **SUPERIOR COURT OF THE STATE OF CALIFORNIA**  
 9 **FOR THE COUNTY OF SAN BERNARDINO**

11 CHINO BASIN MUNICIPAL WATER  
 12 DISTRICT,

13 Plaintiff,

14 v.

15 CITY OF CHINO, ET AL.,

16 Defendants.

**Case No. RCV RS 51010**

[Assigned for All Purposes to the  
 Honorable Stanford E. Reichert]

**THIRD SUPPLEMENT TO CHINO BASIN  
 WATERMASTER STATUS REPORT  
 REGARDING UPDATE TO THE  
 OPTIMUM BASIN MANAGEMENT  
 PROGRAM**

Date: September 25, 2020  
 Time: 1:30 p.m.  
 Dept.: S35

[Filed concurrently herewith: Declaration of  
 Bradley J. Herrema]

**BROWNSTEIN HYATT FARBER SCHRECK, LLP**  
 1021 Anacapa Street, 2nd Floor  
 Santa Barbara, CA 93101-2711



1                   **NOTE: THIS PLEADING MAY BE AMENDED TO**  
2 **REFLECT CURRENT INFORMATION AT THE DATE**  
3 **OF FILING.**

4  
5  
6  
7                   On August 6, 2019, the Chino Basin Watermaster (“Watermaster”) filed its Status Report  
8 Regarding Update to the Optimum Basin Management Program (“Status Report”) providing the  
9 Court with the background of the Optimum Basin Management Program (“OBMP”)  
10 development, and describing Watermaster’s planned comprehensive update to the OBMP that  
11 will maintain Watermaster’s ability to competently administer the decree and implement the  
12 Court’s orders over time. Watermaster has filed two supplements to the Status Report—one on  
13 December 6, 2019 and one on March 13, 2020—which provided updates on Watermaster’s  
14 progress on the 2020 OBMP Update. When before the Court on June 26, 2020 and again on July  
15 10, 2020, Watermaster requested the opportunity to further brief the Court on ongoing efforts to  
16 update the OBMP and specifically the management of storage. The Court set September 25, 2020  
17 as the date for the Court, to among other things, receive a further status report from Watermaster.  
18 In anticipation of this Court hearing, Watermaster further supplements the Status Report to update  
19 the Court as to Watermaster’s progress on the 2020 OBMP Update since March 2020 as follows.

20 **I.       OBMP UPDATE PROCESS AND SCHEDULE**

21                   **A.       The Process to Date**

22                   1.       *OBMP Update Implementation Plan Drafting Process*

23                   As discussed in the Second Supplement to the Status Report (“Second Supplement”), the  
24 2020 OBMP Update Report was finalized and circulated in January 2020. Thereafter,  
25 Watermaster began the process to develop an OBMP Implementation Plan and associated  
26 agreements, holding a Drafting Session Orientation on March 2, 2020 and the first OBMP  
27 Implementation Plan Drafting Session on March 16, 2020. (See Declaration of Bradley J.  
28 Herrema (“Herrema Decl.”), ¶ 4, Ex. A, OBMP Markers & Milestones March 2020.) In March

1 2020, at the request of the parties due to the then emerging COVID-19 pandemic crisis,  
2 Watermaster decided to postpone further work on the OBMP Implementation Plan and associated  
3 agreements. (*Id.* at ¶ 5, Ex. B., OBMP Markers & Milestones April & May 2020.) At this time,  
4 two of the three Pool Committees—the Appropriative Pool and Overlying (Non-Agricultural)  
5 Pool Committees—have requested that Watermaster reconvene this process. (Herrema Decl., ¶  
6 6.) Watermaster is awaiting communication from the Overlying (Agricultural) Pool Committee as  
7 to its desires in this regard. (*Id.*)

8           2.       *2020 Storage Management Plan*

9           At its May 28, 2020 regular meeting, the Watermaster Board approved the 2020 Storage  
10 Management Final Report Sections 2.1-2.6 as the Storage Management Plan, providing direction  
11 as an incremental step towards the preparation of the required documentation for storage  
12 management in a manner that is consistent with Watermaster’s responsibilities under the  
13 Judgment. (Herrema Decl., 7.) The Watermaster Board additionally directed staff and counsel to  
14 support the parties’ efforts to develop an update to the OBMP Implementation Plan and Peace  
15 Agreement Amendment for Program Elements 8 and 9 (Storage and Storage & Recovery  
16 Programs) in a manner that is consistent with Watermaster’s responsibilities to manage storage  
17 under the Judgment; with the objective to complete the update effort by July 30, 2020 and report  
18 progress to the Board monthly. (*Id.*) The Watermaster Board directed staff to concurrently  
19 complete a plan, with advice and assistance of the Pools and the Advisory Committee, to address  
20 the risk of potential quantities of stored water exceeding the cumulative amount authorized by the  
21 Peace Agreement and accounts for orderly use and distribution of excess quantities in a manner  
22 that comports with the directives of the Judgment. (*Id.*) Finally, the Watermaster Board directed  
23 staff to bring the entire 2020 OBMP Update for Board approval in September, after seeking  
24 advice and assistance from the Pool and Advisory Committees. (*Id.*)

25           3.       *OBMP Update Subsequent Environmental Impact Report*

26           On February 10, 2020, the Inland Empire Utilities Agency (“IEUA”) issued the Initial  
27 Study/Notice of Preparation for the 2020 OBMP Update, notifying interested parties that an  
28 Environmental Impact Report (“EIR”) would be prepared to analyze the potentially significant

1 impacts associated with implementation of the projects identified in the 2020 OBMP Update. On  
2 March 27, 2020, IEUA circulated the Draft Subsequent Environmental Impact Report for the  
3 Chino Basin Watermaster Optimum Basin Management Program Update (“Draft EIR”) for public  
4 review and comment. (Herrema Decl., ¶ 4, Ex. A.) The public review and comment period for  
5 the Draft EIR ended on May 11, 2020 and, on July 2, 2020, IEUA posted the Final Subsequent  
6 Environmental Impact Report for the Chino Basin Watermaster Optimum Basin Management  
7 Program Update (“Final EIR”) with responses to the comments received during the public review  
8 and comment period for the Draft EIR. (*Id.* at ¶ 5, Ex. B.) At its regular July 15, 2020 meeting,  
9 the IEUA opened a public hearing on the Final EIR and adjourned that hearing to a subsequent  
10 meeting in order to allow response to comments submitted that day. (Herrema Decl., X.)

11 4. *2020 Safe Yield Reset*

12 Finally, on July 10, 2020, this Court granted Watermaster’s Motion Regarding 2020 Safe  
13 Yield Reset, Amendment of Restated Judgment, Paragraph, and reset the Safe Yield of the Chino  
14 Basin from 135,000 acre-feet per year to 131,000 acre-feet per year for the period commencing  
15 July 1, 2020 and ending on June 30, 2030.

16 **B. Deliverables and Schedule**

17 The Pool Committees, Advisory Committee, and the Watermaster Board are scheduled to  
18 review the 2020 OBMP Update Report at their regular September meetings. The Watermaster  
19 Board will review the 2020 OBMP Update Report and determine whether to adopt the Report and  
20 recommend its approval by the Court. (Herrema Decl., ¶ 9.) Watermaster anticipates having a  
21 further update on a timeline for the OBMP Implementation Plan by [insert timing]. (*Id.* at ¶ 10.)

22 **II. CONCLUSION**

23 Watermaster respectfully requests the Court take notice of this Third Supplement to the  
24 Status Report. Watermaster seeks an open dialogue with the Court to address any questions the  
25 Court may have and further direction that the Court may wish to offer at the September 25, 2020  
26 hearing. Watermaster further requests the Court set a hearing in October or November 2020 to  
27 consider approval of the 2020 OBMP Update Report.

1                   **NOTE: THIS PLEADING MAY BE AMENDED TO**  
2 **REFLECT CURRENT INFORMATION AT THE DATE**  
3 **OF FILING.**

4  
5 Dated: August 5, 2020

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# CHINO BASIN WATERMASTER

## III. REPORTS/UPDATES

### E. INLAND EMPIRE UTILITIES AGENCY

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

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

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

Click on this [link](#) for the IEUA Interagency Water Managers' Report