

CHINO BASIN WATERMASTER



NOTICE OF MEETING

Thursday, September 17, 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, September 17, 2020

9:00 a.m. – Advisory Committee Meeting

AGENDA

**CHINO BASIN WATERMASTER
ADVISORY COMMITTEE MEETING**

9:00 a.m. – September 17, 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: (224) 501-3412

Code: 291-541-981

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 August 20, 2020 (*Page 1*)

B. FINANCIAL REPORTS

Receive and file as presented:

1. Cash Disbursements for the month of July 2020 (*Page 8*)
2. Watermaster VISA Check Detail for the month of July 2020 (*Page 22*)
3. Combining Schedule for the Period July 1, 2020 through July 31, 2020 (*Page 25*)
4. Treasurer's Report of Financial Affairs for the Period July 1, 2020 through July 31, 2020 (*Page 28*)
5. Budget vs. Actual Report for the Period July 1, 2020 through July 31, 2020 (*Page 32*)
6. Cash Disbursements for August 2020 (Information Only) (*Page 51*)

C. OBMP SEMI-ANNUAL STATUS REPORT 2020-1 (*Page 60*)

Recommend Watermaster Board adoption of the Semi-Annual OBMP Status Report 2020-1, along with filing a copy with the Court, subject to any necessary non-substantive changes.

D. APPLICATION: WATER TRANSACTION (*Page 80*)

Recommend to the Watermaster Board to approve the proposed transaction:

The purchase of 66.4 acre-feet of water from West End Consolidated Water Company by Golden State Water Company. This purchase is made from West End Consolidated Water Company's Excess Carryover Account. Golden State Water Company is utilizing this transaction to produce its West End Consolidated Water Company shares. Date of application: June 18, 2020.

E. APPLICATION: LOCAL STORAGE AGREEMENTS – APPROPRIATIVE POOL (*Page 89*)

Recommend to the Watermaster Board to approve the proposed agreements:

Consideration of Application for Local Storage Agreements – Storage of Local Supplemental Water by members of the Appropriative Pool.

II. BUSINESS ITEMS

A. 2020 OBMP CEQA – INCREASED SCOPE OF WORK (Page 96)

Recommend to the Watermaster Board to expand the WEI, TDA, and BHFS scope of work, as necessary, to implement the Local Storage Limitation Solution first.

B. FISCAL YEAR 2020/21 BUDGET AMENDMENT (FORM A-20-09-01) (Page 108)

Approve FY 2020/21 Budget Amendment (Form A-20-09-01) as presented.

C. CONSIDERATION OF THE 2020 OPTIMUM BASIN MANAGEMENT PROGRAM UPDATE (Page 112)

Provide advice and assistance to the Watermaster Board.

D. FISCAL YEAR 2020/21 BUDGET INCREASE (DISCUSSION ONLY) (Page 121)

Staff report will be distributed separately.

III. REPORTS/UPDATES

A. LEGAL COUNSEL REPORT

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

B. ENGINEER REPORT

1. Water Rights Permit 21225
2. Plume Reports
3. GLMC Annual Report

C. CFO REPORT

1. FY 2019/20 Audit Schedule
2. AP Special Assessment for \$165,694.75

D. GM REPORT

1. Status Report: OAP Contest
2. Stored Water Account Balances (June 30, 2020 Preliminary Numbers)
3. San Sevaine Project Award
4. Agricultural Pool Revised Rules and Regulations
5. Water Activity Report Tracker
6. Other

E. INLAND EMPIRE UTILITIES AGENCY (Page 123)

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*

9/17/20 Thu 9:00 a.m. Advisory Committee
9/24/20 Thu 11:00 a.m. Watermaster Board

- * 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.

ADJOURNMENT

CHINO BASIN WATERMASTER

I. CONSENT CALENDAR

A. MINUTES

1. Advisory Committee Meeting held on August 20, 2020

DRAFT MINUTES
CHINO BASIN WATERMASTER
ADVISORY COMMITTEE MEETING

August 20, 2020

The Advisory Committee meeting was held by GoToMeeting (conference call and web meeting) on August 20, 2020.

ADVISORY COMMITTEE MEMBERS PRESENT ON CALL

NON-AGRICULTURAL POOL

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

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
Amanda Coker for Dave Crosley	City of Chino

WATERMASTER STAFF PRESENT AT WATERMASTER

Peter Kavounas	General Manager
Anna Nelson	Executive Services Director
Vanessa Aldaz	Administrative Assistant

WATERMASTER STAFF PRESENT ON CALL

Joseph Joswiak	Chief Financial Officer
Edgar Tellez Foster	Water Resources Mgmt. and Planning Dir.
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.

OTHERS PRESENT ON CALL

David De Jesus	Three Valleys Municipal Water District
Praseetha Krishnan	Cucamonga Valley Water District
Eduardo Espinoza	Cucamonga Valley Water District
Eunice Ulloa	City of Chino
Matthew Litchfield	Three Valleys Municipal Water District

Brian Lee
 Sylvie Lee
 Shivaji Deshmukh
 Joshua Aguilar
 Ben Lewis
 Kaitlyn Dodson-Hamilton
 Todd Minten
 Rick Rees

San Antonio Water Company
 Inland Empire Utilities Agency
 Inland Empire Utilities Agency
 Inland Empire Utilities Agency
 Golden State Water Company
 Tom Dodson & Associates
 Santa Ana River Water Company
 Wood plc

CALL TO ORDER

Chair Geye called the Advisory Committee meeting to order at 9:00 a.m.

ROLL CALL

(0:01:13) Ms. Nelson conducted the roll call and announced that a quorum was present.

AGENDA – ADDITIONS/REORDER

None

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

B. FINANCIAL REPORTS

Receive and file as presented:

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)

C. APPLICATION: WATER TRANSACTION

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

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

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

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

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

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

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.

(0:04:15) Mr. Fealy thanked Watermaster staff for their assistance on behalf of Consent Calendar Item I.E. and clarified that Nicholson Family Trust is an abbreviation for Nicholson Family Trust Exempt Marital Trust.

(0:04:47)

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

II. BUSINESS ITEMS

A. OAP LEGAL EXPENSE INCREASE

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”.

(0:05:40) Mr. Kavounas gave a report. A discussion ensued.

(0:12:40) Mr. Bob Bowcock joined the meeting.

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

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

(0:16:15) Mr. Kavounas prefaced the item and invited Mr. Joswiak to give a report.

(0:18:13) Mr. Joswiak gave a report.

(0:22:19) Motion introduced by Vice-Chair Pierson, seconded by Mr. Feenstra. A discussion ensued.

(0:27:05) A volume vote was taken, and the results are attached to these minutes.

Motion by Vice-Chair Jeff Pierson, seconded by Mr. Bob Feenstra, and failed with 40.351 votes in favor and 59.649 votes against.

Moved to approve Business Item II.B. as presented

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

No recommendation at this time.

(0:33:18) Mr. Kavounas gave a report. A discussion ensued.

(0:34:34) Mr. Craig provided a recommendation on behalf of the Appropriative Pool. Various Appropriative Pool members expressed support for Mr. Craig’s statement on behalf of the Appropriative Pool.

(0:41:25) Mr. Kavounas announced that an OBMPU Workshop is to take place on Tuesday, September 1, 2020 at 9:30 a.m.

D. DATA AND MODELING REVIEW OF THE CHINO VALLEY MODEL

Offer advice and assistance toward the proposed process.

(0:44:02) Mr. Kavounas gave a report. A discussion ensued.

E. CONSIDERATION OF THE 2020 OPTIMUM BASIN MANAGEMENT PROGRAM UPDATE

Offer advice and assistance to the Watermaster Board.

(0:46:26) Mr. Kavounas gave a report. A discussion ensued.

F. THIRD SUPPLEMENT TO THE OBMPU STATUS REPORT

Offer advice and assistance to the Watermaster Board.

(0:56:02) Mr. Kavounas gave a report. A discussion ensued.

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

(1:02:48) Mr. Herrema gave a report.

B. ENGINEER REPORT

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

(1:04:55) Mr. Malone stated that the Engineer’s report was unchanged from the Pool Committee Meetings provided last week; the Advisory Committee declined to hear it again.

C. CFO REPORT

None

D. GM REPORT

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

(1:05:27) Mr. Kavounas stated that the GM Report was unchanged from the Pool Committee Meetings last week; the Advisory Committee declined to hear it again.

E. INLAND EMPIRE UTILITIES AGENCY

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

None

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 10:06 a.m.

Secretary: _____

Approved: _____

Attachment:

- 1. 20200820 Volume Vote Outcome for Business Item 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	N	3.440	0.000	3.440	3.440	0.000
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	Y	4.973	0.000	4.973	4.973	4.973
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	Y	20.000	0.000	20.000	20.000	20.000
NON-AGRICULTURAL POOL	Y	Y	5.000	0.000	5.000	5.000	5.000
			100.000	0.000	100.000	100.000	40.351

CALCULATE QUORUM	CALCULATE VOTES
RESET ALL	RESET VOTES

"YES" VOTES
40.351%

"NO" VOTES
59.649%

NOT PASSED

LESS THAN 50 YES VOTES

CHINO BASIN WATERMASTER

I. CONSENT CALENDAR

B. FINANCIAL REPORTS

1. Cash Disbursements for the month of July 2020
2. Watermaster VISA Check Detail for the month of July 2020
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5. Budget vs. Actual Report for the Period July 1, 2020 through July 31, 2020
6. Cash Disbursements for August 2020 (Information Only)



CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: September 17, 2020
TO: Advisory Committee
SUBJECT: Cash Disbursement Report - Financial Report B1 (July 31, 2020)
(Consent Calendar Item I.B.1.)

SUMMARY

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

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

Financial Impact: Funds disbursed were included in the FY 2020/21 "Amended" Watermaster Budget.

Future Consideration

Advisory Committee – September 17, 2020: Receive and File

Watermaster Board – September 24, 2020: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – September 10, 2020: Receive and file

Agricultural Pool – September 10, 2020: Receive and file

Non-Agricultural Pool – September 11, 2020: Moved unanimously to receive and file, without approval

Advisory Committee – September 17, 2020:

Watermaster Board – September 24, 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 July 2020 were \$1,101,468.75.

The most significant expenditures during the month were to Inland Empire Utilities Agency in the amount of \$534,496.00 (check number 22252 dated July 14, 2020); Wildermuth Environmental, Inc. in the amount of \$156,817.80 (check number 22292 dated July 21, 2020); and Egoscue Law Group, Inc. in the amount of \$63,851.50 (check number 22248 dated July 10, 2020).

ATTACHMENTS

1. Financial Report - B1

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
July 2020

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

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	06/30/2020	40040356		Court filings for June 2020	6061.5 · Court Filing Services	2,750.60
TOTAL						2,750.60
Bill Pmt -Check	07/14/2020	22252	INLAND EMPIRE UTILITIES AGENCY	90026873	1012 · Bank of America Gen'l Ckg	
Bill	07/08/2020	902026873		GW Recharge Debt Service-FY 2020/21	7690.1 · Recharge Improvement Debt Pymts	534,496.00
TOTAL						534,496.00
Bill Pmt -Check	07/14/2020	22253	APPLIED COMPUTER TECHNOLOGIES	3145	1012 · Bank of America Gen'l Ckg	
Bill	06/30/2020	3145		Database Consulting Services - June 2020	6052.2 · Applied Computer Technol	3,850.00
TOTAL						3,850.00
Bill Pmt -Check	07/14/2020	22254	BOWCOCK, ROBERT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
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						375.00
Bill Pmt -Check	07/14/2020	22255	BURRTEC WASTE INDUSTRIES, INC.	2111342191	1012 · Bank of America Gen'l Ckg	
Bill	07/01/2020	2111342191		July 2020	6024 · Building Repair & Maintenance	135.72
TOTAL						135.72
Bill Pmt -Check	07/14/2020	22256	ELIE, STEVEN	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	06/25/2020	6/25 Board Mtg		6/25/20 Board meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	07/14/2020	22257	ESRI	93850309	1012 · Bank of America Gen'l Ckg	
Bill	07/01/2020	93850309		ESRI maintenance 8/19/2020-8/18/2021	6054 · Computer Software	1,000.00
TOTAL						1,000.00
Bill Pmt -Check	07/14/2020	22258	FEENSTRA, BOB	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
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						1,125.00

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
July 2020

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	07/14/2020	22259	FONTANA UNION WATER COMPANY'	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	06/15/2020	6/15 Personnel Comm		6/15/20 PC Mtg.-Curatalo attandance	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
TOTAL						750.00
Bill Pmt -Check	07/14/2020	22260	KUHN, BOB	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
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
TOTAL						897.54
Bill Pmt -Check	07/14/2020	22261	NELSON, ANNA	Employee Expense Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	06/30/2020			Reimbursement-employee recognition gift	6141.3 · Admin Meetings	95.90
TOTAL						95.90
Bill Pmt -Check	07/14/2020	22262	PIETERSMA, RONALD	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
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
TOTAL						125.00
Bill Pmt -Check	07/14/2020	22263	PITNEY BOWES GLOBAL FINANCIAL SERVICE 3104053492		1012 · Bank of America Gen'l Ckg	
Bill	07/01/2020	3104053492		Postage meter lease	6044 · Postage Meter Lease	430.63
TOTAL						430.63
Bill Pmt -Check	07/14/2020	22264	PREMIERE GLOBAL SERVICES	29626555	1012 · Bank of America Gen'l Ckg	
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

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
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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
Bill Pmt -Check	07/14/2020	22265	R&D PEST SERVICES	0259616	1012 · Bank of America Gen'l Ckg	
Bill	07/01/2020	0259616		Treat office and annex for pest control	6024 · Building Repair & Maintenance	100.00
TOTAL						100.00
Bill Pmt -Check	07/14/2020	22266	ROGERS, PETER	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	06/25/2020	6/25 Board Mtg		6/25/20 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	07/14/2020	22267	STATE COMPENSATION INSURANCE FUND	1970970-19	1012 · Bank of America Gen'l Ckg	
Bill	07/01/2020	1970970-20		Deposit addition for 2020/2021	60183 · Worker's Comp Insurance	211.19
TOTAL						211.19
Bill Pmt -Check	07/14/2020	22268	UNION 76	7076-2245-3035-5049	1012 · Bank of America Gen'l Ckg	
Bill	06/30/2020	7076224530355049		June 2020	6175 · Vehicle Fuel	103.49
TOTAL						103.49
Bill Pmt -Check	07/14/2020	22269	STATE COMPENSATION INSURANCE FUND	1970970-20	1012 · Bank of America Gen'l Ckg	
Bill	07/01/2020	1970970-20		Premium 6/26/20-7/26/20	60183 · Worker's Comp Insurance	514.25
TOTAL						514.25
Bill Pmt -Check	07/14/2020	22270	TRISTAN, VIVIAN	Transcription Service	1012 · Bank of America Gen'l Ckg	
Bill	07/14/2020	7/10/20 Transcript		Transcript for July 10, 2020 court hearing	6045 · Printing	975.00
TOTAL						975.00
Bill Pmt -Check	07/15/2020	ACH 071520	PHILADELPHIA INSURANCE COMPANY	2002241137	1012 · Bank of America Gen'l Ckg	
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

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
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Type	Date	Num	Name	Memo	Account	Paid Amount
				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>
Bill Pmt -Check	07/15/2020	22271	ACWA JOINT POWERS INSURANCE AUTHORITY	10649917	1012 · Bank of America Gen'l Ckg	
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>
Bill Pmt -Check	07/15/2020	22272	CORELOGIC INFORMATION SOLUTIONS	82031640	1012 · Bank of America Gen'l Ckg	
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>
Bill Pmt -Check	07/15/2020	22273	EUROFINS EATON ANALYTICAL	L0518916	1012 · Bank of America Gen'l Ckg	
Bill	07/14/2020	L0518916		L0518916	7108.41 · Hydraulic Control - PBHSP	1,050.00
TOTAL						<u>1,050.00</u>
Bill Pmt -Check	07/15/2020	22274	JOHN J. SCHATZ	AP Legal Services	1012 · Bank of America Gen'l Ckg	
Bill	06/30/2020			AP Legal Services - June 2020	8367 · Legal Service	31,920.00
TOTAL						<u>31,920.00</u>
Bill Pmt -Check	07/15/2020	22275	LEGAL SHIELD	111802	1012 · Bank of America Gen'l Ckg	
Bill	07/14/2020	111802		Employee deductions - July 2020	60194 · Other Employee Insurance	177.35
TOTAL						<u>177.35</u>
Bill Pmt -Check	07/15/2020	22276	RR FRANCHISING, INC.	88579	1012 · Bank of America Gen'l Ckg	
Bill	07/14/2020	88579		Janitorial including disinfecting cleaning	6024 · Building Repair & Maintenance	915.00
TOTAL						<u>915.00</u>
Bill Pmt -Check	07/15/2020	22277	VERIZON WIRELESS	9858008490	1012 · Bank of America Gen'l Ckg	
Bill	07/14/2020	9858008490		Acct #470810953-00001	6022 · Telephone	320.73
TOTAL						<u>320.73</u>
Bill Pmt -Check	07/15/2020	22278	ADVANCED OFFICE SMART OFFICE SOLUTIONS	AR911030	1012 · Bank of America Gen'l Ckg	
Bill	06/22/2020	AR911030		Contract base rate charge	6043.2 · Ricoh Usage & Maintenance Fee	381.81
TOTAL						<u>381.81</u>

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
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Type	Date	Num	Name	Memo	Account	Paid Amount
Check	07/15/2020	07/15/2020	Service Charge	Service Charge	1012 · Bank of America Gen'l Ckg	
				Service Charge	6039.1 · Banking Service Charges	672.54
TOTAL						672.54
Bill Pmt -Check	07/16/2020	22279	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
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
TOTAL						2,590.20
Bill Pmt -Check	07/16/2020	22280	DE BOOM, NATHAN	Ag Pool Meeting	1012 · Bank of America Gen'l Ckg	
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
Bill Pmt -Check	07/16/2020	22281	FILIPPI, GINO	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	06/11/2020	6/11 Ag Pool Mtg		6/11/20 Ag Pool Meeting	6311 · Board Member Compensation	125.00

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
July 2020

Type	Date	Num	Name	Memo	Account	Paid Amount
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
TOTAL						<u>625.00</u>
Bill Pmt -Check	07/16/2020	22282	HUITSING, JOHN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
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						<u>250.00</u>
Bill Pmt -Check	07/16/2020	22283	UNITED HEALTHCARE	052557728011	1012 · Bank of America Gen'l Ckg	
Bill	07/14/2020	052557728011		August 2020	60182.2 · Dental & Vision Ins	805.17
TOTAL						<u>805.17</u>
Bill Pmt -Check	07/16/2020	22284	WESTERN MUNICIPAL WATER DISTRICT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
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						<u>250.00</u>
Bill Pmt -Check	07/16/2020	ACH 071620	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
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						<u>8,586.15</u>
General Journal	07/17/2020	07/17/2020	ADP, LLC	ADP Tax Service for 06/27/20-560495830	1012 · Bank of America Gen'l Ckg	
				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						<u>317.05</u>
Bill Pmt -Check	07/21/2020	22285	CUCAMONGA VALLEY WATER DISTRICT	Office Lease Payment	1012 · Bank of America Gen'l Ckg	
Bill	07/16/2020			Lease due on August 1, 2020	1422 · Prepaid Rent	7,093.14
TOTAL						<u>7,093.14</u>
Bill Pmt -Check	07/21/2020	22286	FRONTIER COMMUNICATIONS	909-484-3890-050914-5	1012 · Bank of America Gen'l Ckg	
Bill	07/20/2020	90948438900509145		Office fax	6022 · Telephone	157.15
TOTAL						<u>157.15</u>
Bill Pmt -Check	07/21/2020	22287	GREAT AMERICA LEASING CORP.	27432416	1012 · Bank of America Gen'l Ckg	

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Cash Disbursements For The Month of
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Type	Date	Num	Name	Memo	Account	Paid Amount
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
Bill Pmt -Check	07/21/2020	22288	EASTVALE DEVELOPMENT - PIERSON	Ag Pool and Board Member Compensation	1012 · Bank of America Gen'l Ckg	
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
TOTAL						1,250.00
Bill Pmt -Check	07/21/2020	22289	SANTA ANA WATERSHED PROJECT AUTHORI 9436		1012 · Bank of America Gen'l Ckg	
Bill	07/15/2020	9436		FY 2020-21 Basin Monitoring Progrm	6903 · OBMP SAWPA Group	13,433.00
TOTAL						13,433.00
Bill Pmt -Check	07/21/2020	22290	STAULA, MARY L	Retiree Medical	1012 · Bank of America Gen'l Ckg	
Bill	07/31/2020			Retiree Medical	60182.4 · Retiree Medical	30.72
TOTAL						30.72
Bill Pmt -Check	07/21/2020	22291	TOM DODSON & ASSOCIATES	CB271 20-7	1012 · Bank of America Gen'l Ckg	
Bill	06/30/2020	CB271 20-7		June 2020 - OBMP Update PEIR	6908.1 · 2020 OBMP Update-Dodson & Assoc	18,994.10
TOTAL						18,994.10
Bill Pmt -Check	07/21/2020	22292	WILDERMUTH ENVIRONMENTAL INC		1012 · Bank of America Gen'l Ckg	
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

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Cash Disbursements For The Month of
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Type	Date	Num	Name	Memo	Account	Paid Amount
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
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
Bill Pmt -Check	07/24/2020	22293	LOEB & LOEB LLP	1898738	1012 · Bank of America Gen'l Ckg	
Bill	06/30/2020	1898738		Non-Ag Pool Legal Services - June 2020	8567 · Non-Ag Legal Service	6,125.40
TOTAL						6,125.40
Bill Pmt -Check	07/24/2020	22294	RR FRANCHISING, INC.	8941	1012 · Bank of America Gen'l Ckg	
Bill	07/22/2020	89413		Carpet cleaning on 7/18/20	6024 · Building Repair & Maintenance	600.00
TOTAL						600.00
Bill Pmt -Check	07/24/2020	22295	STANDARD INSURANCE CO.	Policy # 00-649299-0009	1012 · Bank of America Gen'l Ckg	
Bill	07/22/2020	006492990009		Policy # 00-649299-0009	60191 · Life & Disab.Ins Benefits	903.53
TOTAL						903.53
Bill Pmt -Check	07/24/2020	22296	STATE COMPENSATION INSURANCE FUND	1970970-20	1012 · Bank of America Gen'l Ckg	
Bill	06/30/2020	1970970-19		Final premium statement - 2019	60183 · Worker's Comp Insurance	104.16
TOTAL						104.16
Bill Pmt -Check	07/24/2020	22297	VERIZON WIRELESS	9858605791	1012 · Bank of America Gen'l Ckg	
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
General Journal	07/25/2020	07/25/2020	Payroll and Taxes for 07/12/20-07/25/20	Payroll and Taxes for 07/12/20-07/25/20	1012 · Bank of America Gen'l Ckg	
				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

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Cash Disbursements For The Month of
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Type	Date	Num	Name	Memo	Account	Paid Amount
			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
Bill Pmt -Check	07/28/2020	ACH 072820	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
Bill	07/01/2020	16090172		Annual Lump Sum Payment-Plan 27239	60180 · Employers PERS Expense	2,736.00
TOTAL						2,736.00
Bill Pmt -Check	07/28/2020	ACH 072820	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
Bill	07/01/2020	16090166		Annual Unfunded Accrued Liability-Plan 3299	60180 · Employers PERS Expense	7,622.21
TOTAL						7,622.21
Bill Pmt -Check	07/31/2020	22298	ACCENT COMPUTER SOLUTIONS, INC.	136858	1012 · Bank of America Gen'l Ckg	
Bill	07/28/2020	136858		Progress - Server Refresh Project	6055 · Computer Hardware	5,942.75
TOTAL						5,942.75
Bill Pmt -Check	07/31/2020	22299	DE HAAN, HENRY	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
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
Bill Pmt -Check	07/31/2020	22300	FEDAK & BROWN LLP	Progress Billing - Audit Services	1012 · Bank of America Gen'l Ckg	
Bill	07/30/2020			July 2020	6062 · Audit Services	1,780.00
TOTAL						1,780.00
Bill Pmt -Check	07/31/2020	22301	GEYE, BRIAN	Non-Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
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
Bill Pmt -Check	07/31/2020	22302	PREMIERE GLOBAL SERVICES	29726510	1012 · Bank of America Gen'l Ckg	
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

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
July 2020

Type	Date	Num	Name	Memo	Account	Paid Amount
				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
				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
Bill Pmt -Check	07/31/2020	22303	READY REFRESH BY NESTLE	0023230253	1012 · Bank of America Gen'l Ckg	
Bill	07/22/2020	0023230253		Office Water Bottle - July 2020	6031.7 · Other Office Supplies	22.37
TOTAL						22.37
Bill Pmt -Check	07/31/2020	22304	SANTA ANA WATERSHED PROJECT AUTHORITY		1012 · Bank of America Gen'l Ckg	
Bill	07/14/2020			FY 2020-21 MSAR TMDL Task Force	8471 · Ag Pool Expense	18,484.00
TOTAL						18,484.00
Bill Pmt -Check	07/31/2020	22305	SPECTRUM BUSINESS	2031978062320	1012 · Bank of America Gen'l Ckg	
Bill	07/31/2020	2031978072320		7/23/20-8/22/20	6053 · Internet Expense	803.01
TOTAL						803.01
Bill Pmt -Check	07/31/2020	22306	VANDEN HEUVEL, GEOFFREY	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
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
Bill Pmt -Check	07/31/2020	22307	VISION SERVICE PLAN	00-101789-0001	1012 · Bank of America Gen'l Ckg	
Bill	07/22/2020	00101789		Vision Insurance Premium - August 2020	60182.2 · Dental & Vision Ins	93.83
TOTAL						93.83
Bill Pmt -Check	07/31/2020	22308	ACCENT COMPUTER SOLUTIONS, INC.	136882	1012 · Bank of America Gen'l Ckg	
Bill	08/01/2020	136882		Monthly Services - August 2020	6052.4 · IT Managed Services	4,067.35

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
July 2020

Type	Date	Num	Name	Memo	Account	Paid Amount
				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
TOTAL						<u>5,891.76</u>
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						<u>8,586.15</u>
General Journal	07/31/2020	07/31/2020	Wage Works FSA Direct Debits - July 2020	Wage Works FSA Direct Debits - July 2020	1012 · Bank of America Gen'l Ckg	
				Wage Works FSA Direct Debits - July 2020	1012 · Bank of America Gen'l Ckg	656.94
				Wage Works FSA Direct Debits - July 2020	1012 · Bank of America Gen'l Ckg	147.49
				Wage Works FSA Direct Debits - July 2020	1012 · Bank of America Gen'l Ckg	656.94
				Wage Works FSA Direct Debits - July 2020	1012 · Bank of America Gen'l Ckg	76.25
TOTAL						<u>1,537.62</u>
					Total Disbursements:	<u><u>1,101,468.75</u></u>



CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: September 17, 2020
TO: Advisory Committee
SUBJECT: VISA Check Detail Report - Financial Report B2 (July 31, 2020)
(Consent Calendar Item I.B.2.)

SUMMARY

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

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

Financial Impact: Funds disbursed were included in the FY 2020/21 "Amended" Watermaster Budget.

Future Consideration

Advisory Committee – September 17, 2020: Receive and File

Watermaster Board – September 24, 2020: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – September 10, 2020: Receive and file

Agricultural Pool – September 10, 2020: Receive and file

Non-Agricultural Pool – September 11, 2020: Moved unanimously to receive and file, without approval

Advisory Committee – September 17, 2020:

Watermaster Board – September 24, 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 July 2020 was \$2,590.20. The payment was processed in the amount of \$2,590.20 (by check number 22279 dated July 16, 2020). The monthly charges for July 2020 of \$2,590.20 were for routine and customary expenditures and properly documented with receipts.

ATTACHMENTS

1. Financial Report - B2

CHINO BASIN WATERMASTER
VISA Check Detail Report
July 2020

Type	Num	Date	Name	Memo	Account	Paid Amount
Bill Pmt -Check	07/16/2020	22279	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
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
					Total Disbursements:	<u><u>\$2,590.20</u></u>
TOTAL						



CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: September 17, 2020
TO: Advisory Committee
SUBJECT: Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2020 through July 31, 2020 - Financial Report B3 (July 31, 2020) (Consent Calendar Item I.B.3.)

SUMMARY

Issue: Record of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2020 through July 31, 2020.

Recommendation: Receive and file Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2020 through July 31, 2020 as presented.

Financial Impact: Funds disbursed were included in the FY 2020/21 "Amended" Watermaster Budget.

Future Consideration

Advisory Committee – September 17, 2020: Receive and File

Watermaster Board – September 24, 2020: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – September 10, 2020: Receive and file

Agricultural Pool – September 10, 2020: Receive and file

Non-Agricultural Pool – September 11, 2020: Moved unanimously to receive and file, without approval

Advisory Committee – September 17, 2020:

Watermaster Board – September 24, 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, 2020 through July 31, 2020 is provided to keep all members apprised of the FY 2020/21 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, 2020 THROUGH JULY 31, 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 2020-2021
		APPROPRIATIVE POOL	AG POOL	NON-AG POOL					
Administrative Revenues:									
Administrative Assessments		-		-				-	8,700,939
Interest Revenue		-	-	-				-	130,813
Mutual Agency Project Revenue	173,102							173,102	176,203
Miscellaneous Income	6							6	0
Total Revenues	173,108	-	-	-	-	-	-	173,108	9,007,955
Administrative & Project Expenditures:									
Watermaster Administration	198,791							198,791	1,637,557
Watermaster Board-Advisory Committee	29,550							29,550	237,438
Ag Pool Misc. Expense - Ag Fund			-					-	400
Pool Administration		34,029	82,863	10,572				127,463	808,674
Optimum Basin Mgmt Administration		100,422						100,422	1,854,839
OBMP Project Costs		559,367						559,367	4,787,906
Debt Service		534,496						534,496	534,496
Basin Recharge Improvements		-						-	1,693,292
Total Administrative/OBMP Expenses	228,341	1,194,285	34,029	82,863	10,572	-	-	1,550,090	11,554,603
Net Administrative/OBMP Expenses	(55,233)	(1,194,285)							
Allocate Net Admin Expenses To Pools	<u>55,233</u>		41,175	11,942	2,116			-	
Allocate Net OBMP Expenses To Pools		659,789	491,852.05	142,655	25,282			-	
Allocate Debt Service to App Pool		534,496	534,496					-	
Allocate Basin Recharge to App Pool		<u>-</u>	-					-	
Agricultural Expense Transfer*			237,460	(237,460)				-	
Total Expenses			1,339,012	-	37,970	-	-	1,550,090	11,554,603
Net Administrative Income			(1,339,012)	-	(37,970)	-	-	(1,376,982)	(2,546,648)
Other Income/(Expense)									
Replenishment Water Assessments						-		-	0
Desalter Replenishment Obligation						-		-	0
Exhibit "G" Non-Ag Pool Water			-			-		-	0
RTS Charges from IEUA						-		-	0
Interest Revenue		2,029	589	104		-		2,722	0
MWD Water Purchases						-		-	0
Non-Ag Stored Water Purchases						-		-	0
Exhibit "G" Non-Ag Pool Water			-			-		-	0
Groundwater Replenishment						-		-	0
LAIF - Fair Market Value Adjustment						-		-	0
Gain on Sale of Assets						-		-	0
Other Post-Employment Benefits (OPEB)						-		-	0
Refund-Excess Reserves						-		-	0
Refund-Recharge Debt						-		-	0
Funding To/(From) Reserves						-		-	0
Net Other Income/(Expense)			2,029	589	104	-	-	2,722	0
Net Transfers To/(From) Reserves	(1,374,259)	(1,336,982)	589	(37,866)	-	-	-	(1,374,259)	(2,546,648)
Net Assets, July 1, 2020	0	7,637,364	515,498	108,326	(6,182)	43,169	(443,445)	7,854,731	
Net Assets, End of Period		6,300,382	516,087	70,460	(6,182)	43,169	(443,445)	6,480,471	6,480,471
18/19 Assessable Production		75,114,142	21,785,871	3,860,993				100,761,006	
18/19 Production Percentages		74.547%	21.621%	3.832%				100.000%	

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

N:\Administration\Meetings - Agendas & Minutes\2020\Staff Reports\09 - September\Advisory\20200917 - B3 Combining Schedule-July 2020.xlsx\Jul2019-Jun2020



CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: September 17, 2020

TO: Advisory Committee

SUBJECT: Treasurer's Report of Financial Affairs for the Period July 1, 2020 through July 31, 2020 -
Financial Report B4 (July 31, 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 July 1, 2020 through July 31, 2020.

Recommendation: Receive and file Treasurer's Report of Financial Affairs for the Period July 1, 2020 through July 31, 2020 as presented.

Financial Impact: Funds disbursed were included in the FY 2020/21 "Amended" Watermaster Budget.

Future Consideration

Advisory Committee – September 17, 2020: Receive and File

Watermaster Board – September 24, 2020: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – September 10, 2020: Receive and file

Agricultural Pool – September 10, 2020: Receive and file

Non-Agricultural Pool – September 11, 2020: Moved unanimously to receive and file, without approval

Advisory Committee – September 17, 2020:

Watermaster Board – September 24, 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 July 1, 2020 through July 31, 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
JULY 1, 2020 THROUGH JULY 31, 2020**

Financial Report - B4

DEPOSITORIES:

Cash on Hand - Petty Cash			\$	500
Bank of America				
Governmental Checking-Demand Deposits	\$	347,406		
Zero Balance Account - Payroll		-		347,406
Trust Account - County of San Bernardino				845
Local Agency Investment Fund - Sacramento				8,191,483
TOTAL CASH IN BANKS AND ON HAND		7/31/2020	\$	8,540,234
TOTAL CASH IN BANKS AND ON HAND		6/30/2020		9,603,288
PERIOD INCREASE (DECREASE)				\$ (1,063,054)

CHANGE IN CASH POSITION DUE TO:

Decrease/(Increase) in Assets: Accounts Receivable			\$	(172,456)
Assessments Receivable				-
Prepaid Expenses, Deposits & Other Current Assets				407,200
(Decrease)/Increase in Liabilities: Accounts Payable				82,134
Accrued Payroll, Payroll Taxes & Other Current Liabilities				(8,022)
Long Term Liabilities				2,350
Transfer to/(from) Reserves				(1,374,259)
PERIOD INCREASE (DECREASE)				\$ (1,063,054)

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 6/30/2020	\$ 500	\$ 771,623	\$ -	\$ 845	\$ 8,830,320	\$ 9,603,288
Deposits	-	677,252	-	-	36,163	713,415
Transfers	-	(204,994)	(116,149)	-	-	(321,143)
Withdrawals/Checks	-	(896,475)	116,149	-	(675,000)	(1,455,325)
Balances as of 7/31/2020	\$ 500	\$ 347,406	\$ -	\$ 845	\$ 8,191,483	\$ 8,540,234
PERIOD INCREASE OR (DECREASE)	\$ -	\$ (424,217)	\$ -	\$ -	\$ (638,837)	\$ (1,063,054)

**CHINO BASIN WATERMASTER
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD
JULY 1, 2020 THROUGH JULY 31, 2020**

Financial Report - B4

INVESTMENT TRANSACTIONS

Effective Date	Transaction	Depository	Activity	Redeemed	Days to Maturity	Interest Rate(*)	Maturity Yield
7/15/2020	Interest		36,163				
7/15/2020	Withdrawal		(675,000)				
TOTAL INVESTMENT TRANSACTIONS			\$ (638,837)	\$0			

* 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
July 31, 2020**

<u>Financial Institution</u>	Principal Amount	Number of Days	Interest Rate	Maturity Date
Local Agency Investment Fund	\$ 8,191,483			
TOTAL INVESTMENTS	\$ 8,191,483			

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: September 17, 2020
TO: Advisory Committee
SUBJECT: Budget vs. Actual Report for the Period July 1, 2020 through July 31, 2020 -
Financial Report B5 (July 31, 2020)
(Consent Calendar Item I.B.5.)

SUMMARY

Issue: Record of revenues and expenses of Watermaster for the Period of July 1, 2020 through July 31, 2020.

Recommendation: Receive and file Budget vs. Actual Report for the Period July 1, 2020 through July 31, 2020 as presented.

Financial Impact: Funds disbursed were included in the FY 2020/21 "Amended" Watermaster Budget.

Future Consideration

Advisory Committee – September 17, 2020: Receive and File
Watermaster Board – September 24, 2020: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – September 10, 2020: Receive and file
Agricultural Pool – September 10, 2020: Receive and file
Non-Agricultural Pool – September 11, 2020: Moved unanimously to receive and file, without approval
Advisory Committee – September 17, 2020:
Watermaster Board – September 24, 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, 2020 through July 31, 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 – JULY 2020

Year-To-Date (YTD) for the one month ending July 31, 2020, all but four categories were at or below the projected budget. The categories over budget were the following: (1) Watermaster Legal Services (6070's) over budget by \$39,748 or 194.5% as a result of increased activities in the areas of court coordination (as a result of the July 10, 2020 court hearing) and miscellaneous legal expenses during the month; (2) Watermaster Board Expenses (6300's) over budget by \$11,193 or 80.0% as a result of increased pre-meeting and post-meeting activities regarding the July 23, 2020 Board meeting; (3) Appropriative Pool Administrative expenses (8300's) over budget by \$17,001 or 100.0% as a result of increased Watermaster staff time allocated to the Appropriative Pool activities and the increased legal activities by the Appropriative Pool attorney; and (4) Agricultural Pool Legal & Technical Services (8467) over budget by \$33,695 or 134.8% as a result of increased legal activities by the Agricultural Pool attorney.

For the majority of the expense categories within the Watermaster budget for FY 2020/21, the individual line-item budgets are divided into 12-monthly amounts and allocated accordingly. As the fiscal year progresses, the category listed above could level out over time and be within the budget levels.

Overall, the Watermaster (YTD) Actual Expenses were \$2,577,949 or 62.4% below the (YTD) Budgeted Expenses of \$4,128,039.

During the month of July 2020, the "Carry Over" funding was calculated. The Total "Carry Over" funding amount of \$2,546,648.17 has been posted to the general ledger accounts. The total amount of \$2,546,648.17 consisted of \$1,693,292.20 from Capital Improvement Projects, \$430,584.49 from Engineering Services; \$375,271.48 from OBMP Activities, and \$47,500.00 from Administration Services. More detailed information is provided regarding this issue under the "Carry Over" Funding section.

The Amended Budget for FY 2020/21 is \$11,554,603.17 which includes \$2,546,648.17 for the prior years "Carry Over" funding. The Original Approved budget for FY 2020/21 of \$9,007,955 was adopted by the Watermaster Board on May 21, 2020 ($\$9,007,955 + \$2,546,648.17 = \$11,554,603.17$).

PREVIOUSLY REPORTED ACTIONS (Descending Order)
None

SALARIES EXPENSE

CURRENT MONTH – JULY 2020

As of July 31, 2020, the total (YTD) Watermaster salary expenses were \$222 or 0.1% below the (YTD) budgeted amount of \$173,356. 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 2020/21 budget was developed, basic assumptions were used in allocating how staff's time would be spent and on which of the projects or activities. The staffing dollars were then allocated into those specific areas and budgeted on a 1/12 monthly budget. When actual staffing activities vary from the budgeted assumptions, a positive or negative variance can be created. Currently, the allocations are tracking within budget.

The table summarizes the Year-To-Date (YTD) Actual Watermaster salary costs compared to the Year-To-Date (YTD) Budget as of July 31, 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 '20 - Jul '20 Actual	Jul '20 - Jul '20 Budget	\$ Over Budget	% of Budget	FY 2020/21 Annual Budget
WM Salary Expense					
6011 · WM Staff Salaries	92,441.79	94,624.00	-2,182.21	97.69%	1,118,265.00
6011.1 · WM Staff Salaries - Overtime	425.87	1,000.00	-574.13	42.59%	12,000.00
6011.4 · 457(f) NQDC Plan	2,350.20	2,917.00	-566.80	80.57%	34,986.00
6017 · Temporary Services	0.00	1,750.00	-1,750.00	0.0%	21,000.00
6201 · Advisory Committee - WM Staff Salaries	3,189.90	2,429.00	760.90	131.33%	28,703.00
6301 · Watermaster Board - WM Staff Salaries	8,951.06	3,870.00	5,081.06	231.29%	45,747.00
8301 · Appropriative Pool - WM Staff Salaries	11,319.90	3,590.00	7,729.90	315.32%	42,433.00
8401 · Agricultural Pool - WM Staff Salaries	2,092.91	3,053.00	-960.09	68.55%	36,085.00
8501 · Non-Agricultural Pool - WM Staff Salaries	1,718.33	2,100.00	-381.67	81.83%	24,821.00
6901 · OBMP - WM Staff Salaries	14,030.11	11,580.00	2,450.11	121.16%	136,861.00
7101.1 · Production Monitor - WM Staff Salaries	7,374.90	7,456.00	-81.10	98.91%	88,113.00
7102.1 · In-line Meter - WM Staff Salaries	0.00	859.00	-859.00	0.0%	10,145.00
7103.1 · Grdwater Quality - WM Staff Salaries	3,417.46	5,067.00	-1,649.54	67.45%	59,868.00
7104.1 · Grdwater Level - WM Staff Salaries	5,811.64	5,164.00	647.64	112.54%	61,033.00
7107.1 · GrdLevel Monitoring - WM Staff Salarie	0.00	568.00	-568.00	0.0%	6,708.00
7108.1 · Hydraulic Control - WM Staff Salaries	0.00	358.00	-358.00	0.0%	4,227.00
7108.11 · Prado Basin - WM Staff Salaries	0.00	540.00	-540.00	0.0%	6,387.00
7201 · Comp Recharge - WM Staff Salaries	5,736.90	4,248.00	1,488.90	135.05%	50,200.00
7301 · PE3&5 - WM Staff Salaries	0.00	1,496.00	-1,496.00	0.0%	17,686.00
7401 · PE4 - WM Staff Salaries	0.00	915.00	-915.00	0.0%	10,815.00
7501 · PE6&7 - WM Staff Salaries	1,624.36	498.00	1,126.36	326.18%	5,898.00
7501.1 · PE 6&7 - WM Staff Salaries (Plume)	0.00	492.00	-492.00	0.0%	5,800.00
7601 · PE8&9 - WM Staff Salaries	41.79	1,993.00	-1,951.21	2.1%	23,547.00
Subtotal WM Staff Costs	160,527.12	156,567.00	3,960.12	102.53%	1,851,328.00
60185 · Vacation	3,366.43	7,240.00	-3,873.57	46.5%	86,888.00
60185.2 · Comp Time Accrual Adjustment	0.00	0.00	0.00	0.0%	0.00
60185.3 · Vacation Accrual Adjustment	0.00	0.00	0.00	0.0%	0.00
60186 · Sick Leave	318.87	4,774.00	-4,455.13	6.68%	57,299.00
60186.1 · Sick Leave Accrual Adjustment	0.00	0.00	0.00	0.0%	0.00
60187 · Holidays	8,921.85	4,775.00	4,146.85	186.85%	71,622.00
Subtotal WM Paid Leaves	12,607.15	16,789.00	-4,181.85	75.09%	215,809.00
Total WM Salary Costs	173,134.27	173,356.00	-221.73	99.87%	2,067,137.00

PREVIOUSLY REPORTED ACTIONS (Descending Order)
None

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

LEGAL SERVICES
BROWNSTEIN HYATT FARBER SCHRECK EXPENSES

CURRENT MONTH – JULY 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 2020/21. The total legal services budget was developed by multiplying the number of hours that would be required to complete the specific tasks by the hourly rate. The “Approved” budget was adopted for the original amount of \$963,853.

As of July 31, 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 \$20,028 or 23.7% above the (YTD) budgeted amount of \$84,362.

WATERMASTER ADMINISTRATIVE LEGAL SERVICES:

Overall, the Watermaster Administrative Legal Services expense (6070's) as of July 31, 2020 was \$39,748 or 194.5% above the budgeted amount of \$20,432. The specific items within the Administrative Legal Services expenses (6070's) which were over budget were the Court Coordination expenses (6071) over budget by \$18,903 or 593.0%; Personnel Matters (6073) over budget by \$3,239 or 72.0%; Miscellaneous (6078) which were over budget by \$22,058 or 277.0%; and the Ely Basin Investigation (6078.25) which were over budget by \$238 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 Rules and Regulations (6072) under budget by \$903 or 100.0%; Interagency Issues (6074) under budget by \$2,970 or 100.0%; and Party Status Maintenance expenses (6077) under budget by \$817 or 90.2%.

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 July 31, 2020 was \$524 or 3.2% above the budgeted amount of \$16,425. Normal Brownstein Hyatt Farber Schreck meeting attendance during any given month includes attendance at all three pool meetings, one Advisory Committee meeting and one Board meeting.

OBMP LEGAL SERVICES:

The OBMP legal expenses (accounts 6907.31 through 6907.90) were below the budget for the month. As of July 31, 2020, the category of OBMP legal expenses were \$20,245 or 42.6% below the budgeted amount of \$47,505. The majority of expenses within this OBMP category were under budget (YTD), however, the OBMP Update expenses (6907.45) were over budget by \$17,899 or 198.5%.

The table listed below summarizes the Brownstein Hyatt Farber Schreck (BHFS) expenses as of July 31, 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 '20 - Jul '20 Actual	Jul '20 - Jul '20 Budget	\$ Over Budget	% of Budget	FY 2020/21 Annual Budget
6070 · Watermaster Legal Services					
6071 · BHFS Legal - Court Coordination	22,091.39	3,188.00	18,903.39	692.96%	38,300.00
6072 · BHFS Legal - Rules & Regulations	0.00	903.00	-903.00	0.0%	10,825.00
6073 · BHFS Legal - Personnel Matters	7,739.10	4,500.00	3,239.10	171.98%	9,900.00
6074 · BHFS Legal - Interagency Issues	0.00	2,970.00	-2,970.00	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	89.10	906.00	-816.90	9.83%	10,850.00
6078 · BHFS Legal - Miscellaneous (Note 1)	30,022.56	7,965.00	22,057.56	376.93%	95,550.00
6078.13 · BHFS - Assessment Packages-Updates	0.00	0.00	0.00	0.0%	0.00
6078.25 · BHFS - Ely # Basin Investigation	238.07	0.00	238.07	100.0%	0.00
Total 6070 · Watermaster Legal Services	60,180.22	20,432.00	39,748.22	294.54%	201,065.00
6275 · BHFS Legal - Advisory Committee	1,158.30	1,980.00	-821.70	58.5%	21,780.00
6375 · BHFS Legal - Board Meeting	12,182.40	7,020.00	5,162.40	173.54%	77,220.00
6375.1 · BHFS Legal - Board Workshop(s)	0.00	0.00	0.00	0.0%	12,038.00
8375 · BHFS Legal - Appropriative Pool	1,202.85	2,475.00	-1,272.15	48.6%	27,225.00
8475 · BHFS Legal - Agricultural Pool	1,202.85	2,475.00	-1,272.15	48.6%	27,225.00
8575 · BHFS Legal - Non-Ag Pool	1,202.85	2,475.00	-1,272.15	48.6%	27,225.00
Total BHFS Legal Services	16,949.25	16,425.00	524.25	103.19%	192,713.00
6907.3 · WM Legal Counsel					
6907.31 · Archibald South Plume	0.00	1,093.00	-1,093.00	0.0%	13,125.00
6907.32 · Chino Airport Plume	0.00	1,093.00	-1,093.00	0.0%	13,125.00
6907.33 · Desalter/Hydraulic Control	0.00	3,768.00	-3,768.00	0.0%	45,225.00
6907.34 · Santa Ana River Water Rights	0.00	1,357.00	-1,357.00	0.0%	16,275.00
6907.36 · Santa Ana River Habitat	0.00	3,945.00	-3,945.00	0.0%	47,350.00
6907.38 · Reg. Water Quality Cntrl Board	0.00	3,613.00	-3,613.00	0.0%	43,350.00
6907.39 · Recharge Master Plan	133.65	2,713.00	-2,579.35	4.93%	32,550.00
6907.40 · Storage Agreements	0.00	6,391.00	-6,391.00	0.0%	76,700.00
6907.41 · Prado Basin Habitat Sustainability	0.00	1,355.00	-1,355.00	0.0%	16,250.00
6907.42 · Safe Yield Recalculation	0.00	0.00	0.00	0.0%	0.00
6907.44 · SGMA Compliance	0.00	905.00	-905.00	0.0%	10,850.00
6907.45 · OBMP Update	26,914.95	9,016.00	17,898.95	298.52%	108,200.00
6907.46 · Upper SAR Integrated Model	0.00	0.00	0.00	0.0%	0.00
6907.47 · 2020 Safe Yield Reset	211.50	7,216.00	-7,004.50	2.93%	86,600.00
6907.48 · Ely Basin Investigation	0.00	2,378.00	-2,378.00	0.0%	28,525.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	2,662.00	-2,662.00	0.0%	31,950.00
Total 6907 · WM Legal Counsel	27,260.10	47,505.00	-20,244.90	57.38%	570,075.00
Total Brownstein, Hyatt, Farber, Schreck Costs	104,389.57	84,362.00	20,027.57	123.74%	963,853.00

Note 1: The types of legal activities that have been charged against the "Miscellaneous" legal category account 6078 are as follows: (1) Correspondence and discussions with Watermaster staff regarding current issues/topics; (2) Correspondence with Watermaster staff regarding special projects (assessment package, replenishment obligations, annual report, audit report, business plan, etc.); (3) Brownstein's status review of ongoing Watermaster projects and issues; (4) Brownstein's update of the outstanding issues list; (5) Coordination of ongoing Watermaster projects; (6) Review of draft documents and contracts; (7) Review transfer documents; (8) Ground-Level Monitoring Committee reports/meetings; (9) Review process and criteria for SGMA reporting; (10) MVWD SCADA Agreement and installation; (11) Angelica Corporation Bankruptcy matter; (12) NRG/GENON Bankruptcy matter; (13) Pomona extensometer project, CEQA review and compliance; (14) Desalter Replenishment obligations, assessment methodologies, and ongoing issues; (15) Master Cost Sharing Agreement with IEUA; (16) Estimation and adoption of an evaporative loss policy for Recharge; (17) CalMat intervention; (18) Angelica's water rights transfer; (19) Exhibit "G" rate issues; (20) Right of Entry Agreements for various locations; (21) Assessment Packages-Updates and Review; and (22) Miscellaneous legal research on current and pending issues.

PREVIOUSLY REPORTED ACTIONS (Descending Order)
None

OBMP ENGINEERING SERVICES AND LEGAL COSTS

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 – JULY 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 one month ending July 31, 2020, the actual expenses of \$89,979 were below the budgeted amount of \$236,572 by \$146,593 or 62.0%. For a detailed discussion, the following is provided.

For July 31, 2020, the accounts 6901-6903 (Optimum Basin Mgmt. Program) section was above the Year-To-Date (YTD) budget by \$3,200 or 12.8%. 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 \$3,200 or 27.6%. The remaining expense was the Santa Ana Watershed Project Authority (SAWPA) FY 2020/21 Basin Monitoring Program Task Force Contribution which was budgeted at \$13,433 and actual expenses were \$13,433 as of July 31, 2020.

For July 31, 2020, the accounts 6906 (Optimum Basin Mgmt. Program Engineering Services) section was below the Year-To-Date (YTD) budget by \$119,385 or 82.3%. The majority of expenses within this OBMP category were under budget (YTD), however, the account which was over budget is as follows: Prepare Annual Reports expenses (6906.81) which were over budget by \$913 or 76.6%.

Within the category 6907 (Optimum Basin Mgmt. Program Legal Fees) are the remaining Brownstein Hyatt Farber Schreck (BHFS) Watermaster's legal expenses. Within the legal expense category, some individual line item activities were above the budget by \$17,899 while some other line item activities were below the budget by \$38,144. Above the budget line item were the OBMP Update expenses of \$17,899. The individual legal projects/activities that were below budget for the Year-To-Date (YTD) period were the Archibald South Plume of \$1,093; the Chino Airport Plume of \$1,093; the Desalter/Hydraulic Control of \$3,768; Santa Ana River Habitat of \$1,357; the Santa Ana River Habitat of \$3,945; the Regional Water Quality Control Board of \$3,613; the Recharge Master Plan expenses of \$2,579; Storage Agreements of \$6,391; the Prado Basin Habitat Sustainability of \$1,355; SGMA Compliance of \$905; the 2020 Safe Yield Reset of \$7,005; the Ely Basin Investigation expenses of \$2,378; and the WM Unanticipated legal expenses of \$2,662. For the one month ended July 31, 2020, the overall cumulative (YTD) budget was \$47,505 and the actual (BHFS) legal expenses totaled \$27,260 which resulted in an under-budget variance of \$20,245 or 42.6%.

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. The original budget was \$225,500 and had a balance remaining in the fund of \$18,221.48 at year-end June 30, 2020. The Carry-Over amount of \$18,221.48 has a remaining balance as of July 31, 2020 of \$9,456 or 5.2%.

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 July 31, 2020, this category of expenses was \$0 or 100.0% below the budgeted amount of \$707.

Overall, the Optimum Basin Management Program (OBMP) category was \$89,979 compared to a (YTD) budget of \$236,572 for an under budget of \$146,593 or 62.0% as of July 31, 2020.

The table listed below summarizes the Optimum Basin Management Program (OBMP) expenses as of July 31, 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 '20 - Jul '20 Actual	Jul '20 - Jul '20 Budget	\$ Over Budget	% of Budget	FY 2020/21 Annual Budget
6900 · Optimum Basin Mgmt Plan					
6901 · WM Staff Salaries	14,780.11	11,580.00	3,200.11	127.64%	136,861.00
6903 · OBMP SAWPA Group	13,433.00	13,433.00	0.00	100.0%	13,433.00
Total 6901-6903 · OBMP WM Staff/SAWPA	28,213.11	25,013.00	3,200.11	112.79%	150,294.00
6906 · OBMP Engineering Services					
6906.1 · OBMP - Watermaster Model Update	0.00	5,573.00	-5,573.00	0.0%	66,877.00
6906.15 · Integrated Model Mtgs. - IEUA Costs	338.75	1,766.00	-1,427.25	19.18%	21,200.00
6906.21 · State of the Basin Report	0.00	13,581.00	-13,581.00	0.0%	162,983.00
6906.22 · Water Rights Compliance Reporting	0.00	2,046.00	-2,046.00	0.0%	24,552.00
6906.23 · SGMA Reporting Requirements	0.00	1,166.00	-1,166.00	0.0%	13,970.00
6906.24 · Compliance - SB88 and SWRCB	0.00	1,011.00	-1,011.00	0.0%	12,140.00
6906.26 · 2019 OBMP Update	4,585.95	50,328.00	-45,742.05	9.11%	95,330.00
6906.31 · OBMP - Pool, Advisory, Board Mtgs.	5,317.50	8,821.00	-3,503.50	60.28%	105,860.00
6906.32 · OBMP - Other General Meetings	3,341.80	6,320.00	-2,978.20	52.88%	75,821.00
6906.71 · OBMP - Data Requests - CBWM Staff	5,793.30	11,015.00	-5,221.70	52.6%	132,188.00
6906.72 · OBMP - Data Requests - Non CBWM	967.45	4,094.00	-3,126.55	23.63%	49,136.00
6906.73 · OBMP - Safe Yield Recalculation	2,000.05	5,440.00	-3,439.95	36.77%	65,280.00
6906.74 · OBMP - Mat'l Phy. Injury Requests	60.90	6,371.00	-6,310.10	0.96%	76,463.00
6906.81 · Prepare Annual Reports	2,105.20	1,192.00	913.20	176.61%	14,296.00
6906 · OBMP Engineering Services - Other	1,229.90	26,402.00	-25,172.10	4.66%	61,396.00
Total 6906 · OBMP Engineering Services	25,740.80	145,126.00	-119,385.20	17.74%	977,492.00
6907 · OBMP Legal Fees					
6907.3 · WM Legal Counsel					
6907.31 · Archibald South Plume	0.00	1,093.00	-1,093.00	0.0%	13,125.00
6907.32 · Chino Airport Plume	0.00	1,093.00	-1,093.00	0.0%	13,125.00
6907.33 · Desalter/Hydraulic Control	0.00	3,768.00	-3,768.00	0.0%	45,225.00
6907.34 · Santa Ana River Water Rights	0.00	1,357.00	-1,357.00	0.0%	16,275.00
6907.36 · Santa Ana River Habitat	0.00	3,945.00	-3,945.00	0.0%	47,350.00
6907.38 · Reg. Water Quality Cntrl Board	0.00	3,613.00	-3,613.00	0.0%	43,350.00
6907.39 · Recharge Master Plan	133.65	2,713.00	-2,579.35	4.93%	32,550.00
6907.40 · Storage Agreements	0.00	6,391.00	-6,391.00	0.0%	76,700.00
6907.41 · Prado Basin Habitat Sustainability	0.00	1,355.00	-1,355.00	0.0%	16,250.00
6907.44 · SGMA Compliance	0.00	905.00	-905.00	0.0%	10,850.00
6907.45 · OBMP Update	26,914.95	9,016.00	17,898.95	298.52%	108,200.00
6907.47 · 2020 Safe Yield Reset	211.50	7,216.00	-7,004.50	2.93%	86,600.00
6907.48 · Ely Basin Investigation	0.00	2,378.00	-2,378.00	0.0%	28,525.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	2,662.00	-2,662.00	0.0%	31,950.00
Total 6907 · WM Legal Counsel	27,260.10	47,505.00	-20,244.90	57.38%	570,075.00
Total 6907 · OBMP Legal Fees	27,260.10	47,505.00	-20,244.90	57.38%	570,075.00
6908 · OBMP Updates					
6908.1 · 2020 OBMP Update-Dodson & Assoc.	8,765.00	18,221.48	-9,456.48	48.1%	18,221.48
Total 6908 · OBMP Updates	8,765.00	18,221.48	-9,456.48	48.1%	18,221.48
6909 · OBMP Other Expenses					
6909.1 · OBMP Meetings	0.00	125.00	-125.00	0.0%	1,500.00
6909.3 · Other OBMP Expenses	0.00	166.00	-166.00	0.0%	2,000.00
6909.6 · OBMP Expenses - Miscellaneous	0.00	416.00	-416.00	0.0%	5,000.00
6909 · OBMP Other Expenses - Other	0.00	0.00	0.00	0.0%	0.00
Total 6909 · OBMP Other Expenses	0.00	707.00	-707.00	0.0%	8,500.00
Total 6900 · Optimum Basin Mgmt Plan	89,979.01	236,572.48	-146,593.47	38.03%	1,724,582.48

PREVIOUSLY REPORTED ACTIONS (Descending Order)
None

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

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

CURRENT MONTH – JULY 2020

As of July 31, 2020, the total (YTD) Engineering Services expenses were \$493,875 or 73.4% below the (YTD) budget amount of \$672,841. The OBMP Implementation Projects (consolidated accounts 7100's – 7700's) were all under budget of as of July 31, 2020, except for the PE4-Engineering expenses (7402) which were over budget by \$2,971 or 20.0%.

The breakdown of the total Task Order amount of \$2,737,082 for the FY 2020/21 Engineering Services includes direct labor costs for Wildermuth Environmental, Inc. (90.6%) at \$2,480,970 along with other direct charges such as equipment rental, laboratory fees, travel costs, reproduction costs, and outside professional services (9.4%) at \$256,112.

The approved "Original" Engineering Services budget of \$2,737,082 was increased by "Carry Over" funding in the amount of \$386,947.58 to the "Amended" amount of \$3,124,029.58 for FY 2020/21 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 2020/21 timeframe or future years.

The explanations regarding the Carry-Over amount of \$386,947.58 from FY 2019/20 to the FY 2020/21 budget is provided as follows:

1. Agriculture Production and Estimation (Account 6906): \$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): \$27,400. 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. GRCC & IEUA – SB88 Specification to Ensure Compliance with Regulations (Account 7206.1): Watermaster's portion is \$55,793.58 (50% GRCC budget and 50% IEUA). WEI requested this carryover budget to finalize the SB88 work in FY 2020/21, including the preparation of a technical memorandum summarizing the results. This work was delayed due to the timing of IEUA's response to data requests and the limitation of visiting recharge basins with IEUA staff during COVID-19.
7. 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

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

published in FY2020/21. It is typical for this work to be carried over due to delays in receiving data from land subsidence subcontractors.

8. 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.
9. 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.

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 2020 - September 2020) is scheduled to be produced by Wildermuth Environmental, Inc. and distributed to Watermaster during the month of October 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 July 31, 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 '20 - Jul '20 Actual	Jul '20 - Jul '20 Budget	\$ Over Budget	% of Budget	FY 2020/21 Annual Budget
6906 · OBMP Engineering Services - Other	1,229.90	26,402.00	-25,172.10	4.66%	61,396.00
6906.1 · OBMP - Watermaster Model Update	0.00	5,573.00	-5,573.00	0.0%	66,877.00
6906.15 · Integrated Model Mtgs-IEUA Cost	338.75	1,766.00	-1,427.25	19.18%	21,200.00
6906.17 · Planning Study Analysis	0.00	0.00	0.00	0.0%	0.00
6906.18 · Prado Dam FS/EIS/EIR-50% IEUA	0.00	0.00	0.00	0.0%	0.00
6906.21 · State of the Basin Report	0.00	13,581.00	-13,581.00	0.0%	162,983.00
6906.22 · Water Rights Compliance Reporting	0.00	2,046.00	-2,046.00	0.0%	24,552.00
6906.23 · SGMA Reporting Requirements	0.00	1,166.00	-1,166.00	0.0%	13,970.00
6906.24 · Compliance - SB88 and SWRCB	0.00	1,011.00	-1,011.00	0.0%	12,140.00
6906.26 · 2019 OBMP Update	4,585.95	50,328.00	-45,742.05	9.11%	95,330.00
6906.27 · HCP Meetings/Technical Review-IEUA Cos	0.00	0.00	0.00	0.0%	0.00
6906.28 · Agriculture Prod. & Estimation	0.00	0.00	0.00	0.0%	0.00
6906.31 · OBMP - Pool, Advisory, Board Mtgs.	5,317.50	8,821.00	-3,503.50	60.28%	105,860.00
6906.32 · OBMP - Other General Meetings	3,341.80	6,320.00	-2,978.20	52.88%	75,821.00
6906.71 · OBMP - Data Requests - CBWM Staff	5,793.30	11,015.00	-5,221.70	52.6%	132,188.00
6906.72 · OBMP - Data Requests - Non CBWM	967.45	4,094.00	-3,126.55	23.63%	49,136.00
6906.73 · OBMP - Safe Yield Recalculation	2,000.05	5,440.00	-3,439.95	36.77%	65,280.00
6906.74 · OBMP - Mat'l Physical Injury Requests	60.90	6,371.00	-6,310.10	0.96%	76,463.00
6906.76 · County Extraction Well-Modeling	0.00	0.00	0.00	0.0%	0.00
6906.81 · Prepare Annual Reports	2,105.20	1,192.00	913.20	176.61%	14,296.00
6906.90 · OBMP - 2018 RMPU Master Update	0.00	0.00	0.00	0.0%	0.00
7103.3 · Grdwtr Qual-Engineering	7,826.14	15,754.00	-7,927.86	49.68%	189,038.00
7103.5 · Grdwtr Qual-Lab Svcs	2,306.00	5,687.00	-3,381.00	40.55%	68,252.00
7104.3 · Grdwtr Level-Engineering	9,441.55	16,668.00	-7,226.45	56.65%	200,022.00
7104.8 · Grdwtr Level-Contracted Services	0.00	834.00	-834.00	0.0%	10,000.00
7104.9 · Grdwtr Level-Capital Equipment	0.00	666.00	-666.00	0.0%	8,000.00
7107.2 · Grd Level-Engineering	3,301.46	34,446.00	-31,144.54	9.58%	111,952.00
7107.3 · Grd Level-SAR Imagery	73,000.00	96,002.00	-23,002.00	76.04%	159,752.00
7107.6 · Grd Level-Contract Svcs	4,493.03	48,727.00	-44,233.97	9.22%	90,142.00
7107.8 · Grd Level-Capital Equipment	0.00	1,015.00	-1,015.00	0.0%	12,170.00
7108.31 · Hydraulic Control-PBHSP	271.20	5,782.00	-5,510.80	4.69%	69,376.00
7108.4 · Hydraulic Control-Lab Svcs	0.00	0.00	0.00	0.0%	0.00
7108.41 · Hydraulic Control-PBHSP	0.00	0.00	0.00	0.0%	0.00
7108.6 · Hydraulic Control-Outside Professionals	0.00	416.00	-416.00	0.0%	5,000.00
7109.3 · Recharge & Well - Engineering	0.00	2,710.00	-2,710.00	0.0%	32,512.00
7110.3 · Ag Production & Estimation - Eng. Serv.	0.00	1,921.00	-1,921.00	0.0%	23,060.00
7111.3 · Data Collection & Mgmt. - Eng. Services	0.00	1,642.00	-1,642.00	0.0%	19,696.00
7202.2 · Comp Recharge-Engineering Services	852.60	24,546.00	-23,693.40	3.47%	294,560.00
7206.1 · SB88 Specs-Ensure Compliance	1,417.85	55,793.58	-54,375.73	2.54%	55,793.58
7210 · OBMP - 2023 RMPU	0.00	3,751.00	-3,751.00	0.0%	45,012.00
7303 · PE3&5-Engineering - Other	429.40	1,815.00	-1,385.60	23.66%	21,788.00
7402 · PE4-Engineering	17,828.50	14,858.00	2,970.50	119.99%	130,524.00
7402.10 · PE4-MZ1 Pomona Project	26,611.85	115,499.91	-88,888.06	23.04%	302,992.00
7403 · PE4-Contract Svcs	0.00	0.00	0.00	0.0%	0.00
7502 · PE6&7-Engineering	0.00	9,115.00	-9,115.00	0.0%	109,380.00
7510 · PE6&7-IEUA Salinity Mgmt. Plan	5,393.80	64,313.00	-58,919.20	8.39%	118,467.00
7511 · PE6&7-SAWBMP Task Force-50% IEUA	52.60	2,153.00	-2,100.40	2.44%	25,829.00
7512 · PE6&7-Recomputation WQ-50% IEUA	0.00	0.00	0.00	0.0%	0.00
7602 · PE8&9-Engineering	0.00	0.00	0.00	0.0%	0.00
7610 · PE8&9-Support 2020 Mgmt. Plan	0.00	3,601.00	-3,601.00	0.0%	43,220.00
Total Engineering Services Costs	178,966.78	672,841.49	-493,874.71	26.6%	3,124,029.58 *

* Wildermuth and Subcontractor Engineering Budget of \$2,737,082 plus Carryover Funds from FY 2019/20 of \$386,947.58
Carryover Funds from FY 2019/20 of \$386,947.58 = \$23,220 (6906); \$46,236 (6906.26); \$27,400 (7107.2); \$74,752 (7107.3); \$44,962 (7107.6);
\$55,793.58 (7206.1); \$4,342 (7402); \$50,852 (7402.10); and \$59,390 (7510)

PREVIOUSLY REPORTED ACTIONS (Descending Order)
None

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.
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. 2020 - Jul. 2020	\$ 542.40	\$ (271.20)	\$ -	\$ 271.20
Totals	\$ 542.40	\$ (271.20)	\$ -	\$ 271.20
	7108.31	7108.31	7108.31	
Maximum Costs	\$ 148,752.00	\$ 74,376.00	\$ 74,376.00	\$ 74,376.00

PREVIOUSLY REPORTED ACTIONS (Descending Order)
None:

OTHER INCOME AND EXPENSE

Per section VI.D.3 of the Groundwater Storage Program Funding Agreement No. 49960 in the Chino Basin with The Metropolitan Water District of Southern California, the FY 2020/21 annual administrative fee invoice was issued on July 1, 2020 in the amount of \$173,102.47 under invoice number 2020-07-CUP. Payment in the amount of \$173,102.47 was received and deposited on August 4, 2020.

The 1st quarter Basin Recharge O&M expense (account 7206) in the amount of \$362,142.76 was recorded during the month of July, along with the FY 2020/21 annual debt service expense (account 7690.1) of \$534,496 (both expenses payable directly to IEUA).

There were no other significant items to report within the category of Other Income and Expenses for the month ending July 31, 2020.

PREVIOUSLY REPORTED ACTIONS (Descending Order)
None

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

CURRENT MONTH – JULY 2020

As of July 31, 2020, the total (YTD) amount remaining of the "Carried Over" funding is \$2,413,508.03 (\$2,546,648.17 - \$133,140.14 = \$2,413,508.03).

The following details are provided:

"Carried Over" Expenses At June 30, 2020

Other Office Equipment - Boardroom Upgrades	\$ 40,000.00	A	6038	FY 2019/20	ADMIN
Blomquist Report - Update	\$ 7,500.00	B	6061.6	FY 2017/18	ADMIN
Meter Installation - New Meter Installation	\$ 175,400.00	C	7102.65	FY 2018/19	OBMP
Meter Installation - Calibration and Testing	\$ 181,650.00	D	7102.8	FY 2018/19	OBMP
2020 OBMP Update - Tom Dodson & Associates	\$ 18,221.48	E	6908.1	FY 2019/20	OBMP
OBMP Engineering Services	\$ 23,220.00	F	6906	FY 2019/20	ENG
2020 OBMP Update - Engineering	\$ 46,236.00	G	6906.26	FY 2019/20	ENG
Ground Level Monitoring - Engineering	\$ 27,400.00	H	7107.2	FY 2019/20	ENG
Ground Level Monitoring - SAR Imagery	\$ 74,752.00	I	7107.3	FY 2019/20	ENG
Ground Level Monitoring - Contract Services	\$ 44,962.00	J	7107.6	FY 2019/20	ENG
SB88-Specs-Ensure Compliance-50% IEUA	\$ 55,793.58	K	7206.1	FY 2019/20	ENG
PE4 - OBMP - Engineering	\$ 4,342.00	L	7402	FY 2019/20	ENG
PE4 - Northwest MZ-1 Area Project	\$ 43,636.91	M	7402.1	FY 2018/19	ENG
PE4 - Northwest MZ-1 Area Project	\$ 50,852.00	M	7402.1	FY 2019/20	ENG
IEUA - Update Recycle Water Permit - Salinity	\$ 59,390.00	N	7510	FY 2019/20	ENG
RMPU Amendment (TO #1)	\$ 56,794.57	O	7690.15	FY 2016/17	PROJ
East Declez Basin (TO #1)	\$ 1,171.33	P	7690.16	FY 2016/17	PROJ
GWR SCADA Upgrades (TO #4)	\$ 7,025.00	Q	7690.61	FY 2014/15	PROJ
GWR SCADA Upgrades (TO #4)	\$ 38,675.00	Q	7690.61	FY 2015/16	PROJ
GWR SCADA Upgrades (TO #4)	\$ 58,510.50	Q	7690.61	FY 2019/20	PROJ
Upper Santa Ana River HCP (TO #7)	\$ 15,062.88	R	7690.7	FY 2014/15	PROJ
Upper Santa Ana River HCP (TO #7)	\$ 5,000.00	R	7690.7	FY 2015/16	PROJ
Lower Day Basin RMPU (TO #2)	\$ 238,646.90	S	7690.8	FY 2016/17	PROJ
Funds on Hold for Projects - Form T-18-07-01	\$ 1,272,406.02	T	7690.9	FY 2017/18	PROJ
Total Balance, July 1, 2020	\$ 2,546,648.17				

"Carried Over" Balance, July 1, 2019	\$					
Less: (Invoices Received To Date FY 2019/20)						
Other Office Equipment - Boardroom Upgrades	\$	-	A	6038	FY 2019/20	ADMIN
Blomquist Report - Update	\$	-	B	6061.6	FY 2017/18	ADMIN
Meter Installation - New Meter Installation	\$	-	C	7102.65	FY 2018/19	OBMP
Meter Installation - Calibration and Testing	\$	-	D	7102.8	FY 2018/19	OBMP
2020 OBMP Update - Tom Dodson & Associates	\$	(8,765.00)	E	6908.1	FY 2019/20	OBMP
OBMP Engineering Services	\$	(1,229.20)	F	6906 ²	FY 2019/20	ENG
2020 OBMP Update - Engineering	\$	(4,585.95)	G	6906.26 ³	FY 2019/20	ENG
Ground Level Monitoring - Engineering	\$	(3,301.46)	H	7107.2 ⁴	FY 2019/20	ENG
Ground Level Monitoring - SAR Imagery	\$	(73,000.00)	I	7107.3 ⁵	FY 2019/20	ENG
Ground Level Monitoring - Contrat Services	\$	(4,493.03)	J	7107.6 ⁶	FY 2019/20	ENG
SB88-Specs-Ensure Compliance-50% IEUA	\$	(1,417.85)	K	7206.1 ⁷	FY 2019/20	ENG
PE4 - OBMP - Engineering	\$	(4,342.00)	L	7402 ⁸	FY 2019/20	ENG
PE4 - Northwest MZ-1 Area Project	\$	(26,611.85)	M	7402.1	FY 2018/19	ENG
PE4 - Northwest MZ-1 Area Project	\$	-	M	7402.1 ⁹	FY 2019/20	ENG
IEUA - Update Recycle Water Permit - Salinity	\$	(5,393.80)	N	7510 [^]	FY 2019/20	ENG
RMPU Amendment (TO #1)	\$	-	O	7690.15	FY 2016/17	PROJ
East Declez Basin (TO #1)	\$	-	P	7690.16	FY 2016/17	PROJ
GWR SCADA Upgrades (TO #4)	\$	-	Q	7690.61	FY 2014/15	PROJ
GWR SCADA Upgrades (TO #4)	\$	-	Q	7690.61	FY 2015/16	PROJ
GWR SCADA Upgrades (TO #4)	\$	-	Q	7690.61	FY 2019/20	PROJ
Upper Santa Ana River HCP (TO #7)	\$	-	R	7690.7	FY 2014/15	PROJ
Upper Santa Ana River HCP (TO #7)	\$	-	R	7690.7	FY 2015/16	PROJ
Lower Day Basin RMPU (TO #2)	\$	-	S	7690.8	FY 2016/17	PROJ
Funds on Hold for Projects - Form T-18-07-01	\$	-	T	7690.9 ¹	FY 2017/18	PROJ
Updated Balance as of July 31, 2020	\$	2,413,508.03				

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

² Engineering work not completed in FY 2019/20. Work required to finish the Agriculture Production and estimation work.

³ Engineering work not completed in FY 2019/20. Work required to finish the 2020 OBMP Update work scheduled for FY 2019/20.

⁴ Engineering work not completed in FY 2019/20. Work required to perform GL surveys for the long-term pumping test and injection test.

⁵ Engineering work not completed in FY 2019/20. Carry-over funding required to complete the InSAR data purchase.

⁶ Engineering work not completed in FY 2019/20. Work required by the GL surveyor to finalize processing data.

⁷ Engineering work not completed in FY 2019/20. Work required to finalize the SB88 Specification to ensure compliance.

⁸ Engineering work not completed in FY 2019/20. Work required to finalize data analysis and reporting.

⁹ Engineering work not completed in FY 2019/20. Work required to finalize implementation of the Northwest MZ-1 monitoring program.

[^] Engineering work not completed in FY 2019/20. Work required to finalize the FY 2019/20 portion of the Salinity project.

Updated Balance as of July 31, 2020

Other Office Equipment - Boardroom Upgrades	\$	40,000.00	A	6038	FY 2019/20	ADMIN
Blomquist Report - Update	\$	7,500.00	B	6061.6	FY 2017/18	ADMIN
Meter Installation - New Meter Installation	\$	175,400.00	C	7102.65	FY 2018/19	OBMP
Meter Installation - Calibration and Testing	\$	181,650.00	D	7102.8	FY 2018/19	OBMP
2020 OBMP Update - Tom Dodson & Associates	\$	9,456.48	E	6908.1	FY 2019/20	OBMP
OBMP Engineering Services	\$	21,990.80	F	6906	FY 2019/20	ENG
2020 OBMP Update - Engineering	\$	41,650.05	G	6906.26	FY 2019/20	ENG
Ground Level Monitoring - Engineering	\$	24,098.54	H	7107.2	FY 2019/20	ENG
Ground Level Monitoring - SAR Imagery	\$	1,752.00	I	7107.3	FY 2019/20	ENG
Ground Level Monitoring - Contrat Services	\$	40,468.97	J	7107.6	FY 2019/20	ENG
SB88-Specs-Ensure Compliance-50% IEUA	\$	54,375.73	K	7206.1	FY 2019/20	ENG
PE4 - OBMP - Engineering	\$	-	L	7402	FY 2019/20	ENG
PE4 - Northwest MZ-1 Area Project	\$	17,025.06	M	7402.1	FY 2018/19	ENG
PE4 - Northwest MZ-1 Area Project	\$	50,852.00	M	7402.1	FY 2019/20	ENG
IEUA - Update Recycle Water Permit - Salinity	\$	53,996.20	N	7510	FY 2019/20	ENG
RMPU Amendment (TO #1)	\$	56,794.57	O	7690.15	FY 2016/17	PROJ
East Declez Basin (TO #1)	\$	1,171.33	P	7690.16	FY 2016/17	PROJ
GWR SCADA Upgrades (TO #4)	\$	7,025.00	Q	7690.61	FY 2014/15	PROJ
GWR SCADA Upgrades (TO #4)	\$	38,675.00	Q	7690.61	FY 2015/16	PROJ
GWR SCADA Upgrades (TO #4)	\$	58,510.50	Q	7690.61	FY 2019/20	PROJ
Upper Santa Ana River HCP (TO #7)	\$	15,062.88	R	7690.7	FY 2014/15	PROJ
Upper Santa Ana River HCP (TO #7)	\$	5,000.00	R	7690.7	FY 2015/16	PROJ
Lower Day Basin RMPU (TO #2)	\$	238,646.90	S	7690.8	FY 2016/17	PROJ
Funds on Hold for Projects - Form T-18-07-01	\$	1,272,406.02	T	7690.9	FY 2017/18	PROJ
Updated Balance as of July 31, 2020		\$ 2,413,508.03				

ADMINISTRATION SERVICES:

Unspent funds related to ongoing projects and associated activities from the Administration Services budget from FY 2019/20 totaling \$47,500.00 were "Carried Over" into the current FY 2020/21 budget. These funds were from the Other Office Equipment-Boardroom Upgrades [A] in the amount of \$40,000 in account 6038 and the Blomquist Report-Update [B] 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 2020/21 budget. These funds were from the Meter Installation - New Meter Installation [C] in the amount of \$175,400 in account (7102.65); and Meter Installation - Calibration and Testing [D] in the amount of \$181,650 in account (7102.8). The total amount available is \$357,050 (\$175,400 + \$181,650 = \$357,050).

The OBMP Update costs relate to the contract between Tom Dodson and Associates and CBWM to procure environmental review services for the 2020 OBMP Update. The original budget was \$225,500 and was approved during FY 2019/20. At the end of June 30, 2020 a remaining balance in the fund of \$18,221.48 was "Carried Over" into the current FY 2020/21 budget. The 2020 OBMP Update - Tom Dodson & Associates [E] in the amount of \$18,221.48 in account (6908.1).

ENGINEERING SERVICES:

Unspent funds related to ongoing projects and associated activities from the Engineering Services budget from FY 2019/20 in several accounts totaling \$430,584.49 were "Carried Over" into the current FY 2020/21 budget. These funds were from the OBMP Engineering Services [F] in the amount of \$23,220 in account (6906); 2020 OBMP Update-Engineering [G] in the amount of \$46,236 in account (6906.26); Ground Level Monitoring-Engineering [H] in the amount of \$27,400 in account (7107.2); Ground Level Monitoring-SAR Imagery [I] in the amount of \$74,752 in account (7107.3); Ground Level Monitoring-Contract Services [J] in the amount of \$44,962 in account (7107.6); SB88 Specs-Ensure Compliance-50% IEUA [K] in the amount of \$55,793.58 in account (7206.1); PE4-OBMP-Engineering [L] in the amount of \$4,342 in account (7402); PE4 - Northwest MZ-1 Area Project [M] in the amount of \$94,488.91 in account (7402.1); and PE6&7 - IEUA Salinity Management Plan [N] in the amount of \$59,390 in account (7510). The total amount available is \$430,584.49 (\$23,220 + \$46,236 + \$27,400 + \$74,752 + \$44,962 + \$55,793.58 + \$4,342 + \$94,488.91 + \$59,390 = \$430,584.49).

COMPLETED PROJECTS WITH FUNDING AVAILABLE:

Several projects were completed during FY 2019/20 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 [P] in the amount of \$1,171.33 (account 7690.16); and GWR SCADA Upgrades (TO#4) [Q] in the amount of \$104,210.50 (account 7690.61). The total amount available is \$105,381.83 (\$1,171.33 + \$104,210.50 = \$105,381.83).

ONGOING RECHARGE IMPROVEMENT PROJECTS:

The RMPU Amendment-Task Order #1 [O] 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 [R] has a remaining funded balance of \$20,062.88 in account (7690.7); and the Lower Day Basin RMPU-Task Order #2 [S] 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" [T] 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, 2021, any remaining balances of the FY 2019/20 and prior years funding (if any), along with any new FY 2020/21 expenses, will then be "Carried Over" into the FY 2021/22 budget.

PREVIOUSLY REPORTED ACTIONS (Descending Order)

None

AUDIT FIELD WORK

CURRENT MONTH – JULY 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)
None

FY 2020/21 EXHIBIT "G" NON-AGRICULTURAL POOL SALE OF WATER

CURRENT MONTH – JULY 2020

No current activity to report.

PREVIOUSLY REPORTED ACTIONS (Descending Order)
None

ASSESSMENT INVOICING

CURRENT MONTH – JULY 2020

FY 2019/20 Assessment Package:

On August 25, 2020 the Watermaster Board, after discussing a business item titled Overlying Agricultural Pool Legal Expense Increase, took action by a majority vote (8 yes and 1 no), directed staff to issue invoices to the Appropriate Pool Parties for the amount of \$165,694.75 for the unreimbursed increase, allocated on the basis of the Assessment Year 2019-2020 "Ag Pool Reallocation".

The Special Assessment invoices in the amount of \$165,694.75 were issued by Watermaster on Tuesday, August 25, 2020 with payment due 30-days after invoice date. Payments will be due to Watermaster on Friday, September 25, 2020. As past practice, payment can be made to Watermaster by either a wire transfer or check. Per the judgment, late fees could be assessed for any payment not received as of 5:00pm on Friday, September 25, 2020.

Per the Judgment Section VI, 55 (b) Payment. Each assessment shall be payable on or before thirty (30) days after notice, and shall be the obligation of the party or successor owning the water production facility at the time written notice of assessment is given, unless prior arrangement for payment by others has been made in writing and filed with Watermaster.

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.

PREVIOUSLY REPORTED ACTIONS (Descending Order)
None

ATTACHMENTS

1. Financial Report - B5

	1/12th (8.33%) of the Total Budget				1/12th (8.33%) of the Total Budget				100% of the Total Budget			
	For The Month of July 2020				Year-To-Date as of July 31, 2020				Fiscal Year End as of June 30, 2021			
	Actual	Budget	\$ Over(Under)	% of Budget	Actual	Budget	\$ Over(Under)	% of Budget	Projected	Budget	\$ Over(Under)	% of Budget
Income												
4010 · Local Agency Subsidies	173,102.47	176,203.00	-3,100.53	98.24%	173,102.47	176,203.00	-3,100.53	98.24%	176,203.00	176,203.00	0.00	100.0%
4110 · Admin Asmnts-Approp Pool	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	8,378,994.00	8,378,994.00	0.00	100.0%
4120 · Admin Asmnts-Non-Agri Pool	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	321,945.00	321,945.00	0.00	100.0%
4700 · Non Operating Revenues	5.70	0.00	5.70	100.0%	5.70	0.00	5.70	100.0%	130,813.00	130,813.00	0.00	100.0%
4900 · Miscellaneous Income	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
Total Income	173,108.17	176,203.00	-3,094.83	98.24%	173,108.17	176,203.00	-3,094.83	98.24%	9,007,955.00	9,007,955.00	0.00	100.0%
Gross Profit	173,108.17	176,203.00	-3,094.83	98.24%	173,108.17	176,203.00	-3,094.83	98.24%	9,007,955.00	9,007,955.00	0.00	100.0%
Expense												
6010 · Admin. Salary/Benefit Costs	84,369.12	100,691.00	-16,321.88	83.79%	84,369.12	100,691.00	-16,321.88	83.79%	1,198,051.00	1,198,051.00	0.00	100.0%
6020 · Office Building Expense	10,245.15	10,293.00	-47.85	99.54%	10,245.15	10,293.00	-47.85	99.54%	121,072.00	121,072.00	0.00	100.0%
6030 · Office Supplies & Equip.	1,623.17	42,775.00	-41,151.83	3.8%	1,623.17	42,775.00	-41,151.83	3.8%	169,800.00	169,800.00	0.00	100.0%
6040 · Postage & Printing Costs	3,582.25	3,635.00	-52.75	98.55%	3,582.25	3,635.00	-52.75	98.55%	34,446.00	34,446.00	0.00	100.0%
6050 · Information Services	17,886.64	18,861.00	-974.36	94.83%	17,886.64	18,861.00	-974.36	94.83%	171,484.00	171,484.00	0.00	100.0%
6060 · Contract Services	2,609.78	13,900.00	-11,290.22	18.78%	2,609.78	13,900.00	-11,290.22	18.78%	52,600.00	52,600.00	0.00	100.0%
6070 · Watermaster Legal Services	60,180.22	20,432.00	39,748.22	294.54%	60,180.22	20,432.00	39,748.22	294.54%	201,065.00	201,065.00	0.00	100.0%
6080 · Insurance	29,741.28	43,989.00	-14,247.72	67.61%	29,741.28	43,989.00	-14,247.72	67.61%	45,342.00	45,342.00	0.00	100.0%
6110 · Dues and Subscriptions	15,342.50	17,777.00	-2,434.50	86.31%	15,342.50	17,777.00	-2,434.50	86.31%	37,003.00	37,003.00	0.00	100.0%
6140 · WM Admin Expenses	7.51	337.00	-329.49	2.23%	7.51	337.00	-329.49	2.23%	4,750.00	4,750.00	0.00	100.0%
6150 · Field Supplies	0.00	112.00	-112.00	0.0%	0.00	112.00	-112.00	0.0%	2,750.00	2,750.00	0.00	100.0%
6170 · Travel & Transportation	1,088.32	1,835.00	-746.68	59.31%	1,088.32	1,835.00	-746.68	59.31%	24,170.00	24,170.00	0.00	100.0%
6190 · Training, Conferences, Seminars	1,075.00	2,600.00	-1,525.00	41.35%	1,075.00	2,600.00	-1,525.00	41.35%	38,800.00	38,800.00	0.00	100.0%
6200 · Advisory Comm - WM Board	4,348.20	4,451.00	-102.80	97.69%	4,348.20	4,451.00	-102.80	97.69%	50,983.00	50,983.00	0.00	100.0%
6300 · Watermaster Board Expenses	25,201.63	14,009.00	11,192.63	179.9%	25,201.63	14,009.00	11,192.63	179.9%	186,455.00	186,455.00	0.00	100.0%
8300 · Appr PI-WM & Pool Admin	34,029.15	17,028.00	17,001.15	199.84%	34,029.15	17,028.00	17,001.15	199.84%	201,218.00	201,218.00	0.00	100.0%
8400 · Agri Pool-WM & Pool Admin	3,458.55	5,778.00	-2,319.45	59.86%	3,458.55	5,778.00	-2,319.45	59.86%	66,310.00	66,310.00	0.00	100.0%
8467 · Ag Legal & Technical Services	58,695.00	25,000.00	33,695.00	234.78%	58,695.00	25,000.00	33,695.00	234.78%	300,000.00	300,000.00	0.00	100.0%
8470 · Ag Meeting Attend -Special	2,225.00	1,850.00	375.00	120.27%	2,225.00	1,850.00	375.00	120.27%	22,200.00	22,200.00	0.00	100.0%
8471 · Ag Pool Expense	18,484.00	21,250.00	-2,766.00	86.98%	18,484.00	21,250.00	-2,766.00	86.98%	85,000.00	85,000.00	0.00	100.0%
8485 · Ag Pool - Misc. Exp. - Ag Fund	0.00	100.00	-100.00	0.0%	0.00	100.00	-100.00	0.0%	400.00	400.00	0.00	100.0%
8500 · Non-Ag PI-WM & Pool Admin	10,571.67	11,400.00	-828.33	92.73%	10,571.67	11,400.00	-828.33	92.73%	133,946.00	133,946.00	0.00	100.0%
9400 · Depreciation Expense	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9500 · Allocated G&A Expenditures	-28,959.46	-38,648.00	9,688.54	74.93%	-28,959.46	-38,648.00	9,688.54	74.93%	-463,776.00	-463,776.00	0.00	100.0%
6900 · Optimum Basin Mgmt Plan	89,979.01	236,572.48	-146,593.47	38.03%	89,979.01	236,572.48	-146,593.47	38.03%	1,724,582.48	1,724,582.48	0.00	100.0%
9501 · G&A Expenses Allocated-OBMP	10,442.89	10,854.00	-411.11	96.21%	10,442.89	10,854.00	-411.11	96.21%	130,257.00	130,257.00	0.00	100.0%
7101 · Production Monitoring	7,437.40	7,521.00	-83.60	98.89%	7,437.40	7,521.00	-83.60	98.89%	88,893.00	88,893.00	0.00	100.0%
7102 · In-line Meter Installation	0.00	358,275.00	-358,275.00	0.0%	0.00	358,275.00	-358,275.00	0.0%	371,595.00	371,595.00	0.00	100.0%
7103 · Grdwtr Quality Monitoring	13,962.14	27,713.00	-13,750.86	50.38%	13,962.14	27,713.00	-13,750.86	50.38%	331,618.00	331,618.00	0.00	100.0%
7104 · Gdwtr Level Monitoring	15,253.19	24,311.00	-9,057.81	62.74%	15,253.19	24,311.00	-9,057.81	62.74%	290,805.00	290,805.00	0.00	100.0%
7105 · Sur Wtr Qual Monitoring	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
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	80,794.49	180,891.00	-100,096.51	44.67%	80,794.49	180,891.00	-100,096.51	44.67%	382,320.00	382,320.00	0.00	100.0%

	1/12th (8.33%) of the Total Budget				1/12th (8.33%) of the Total Budget				100% of the Total Budget			
	For The Month of July 2020				Year-To-Date as of July 31, 2020				Fiscal Year End as of June 30, 2021			
	Actual	Budget	\$ Over(Under)	% of Budget	Actual	Budget	\$ Over(Under)	% of Budget	Projected	Budget	\$ Over(Under)	% of Budget
7108 - Hydraulic Control Monitoring	271.20	7,096.00	-6,824.80	3.82%	271.20	7,096.00	-6,824.80	3.82%	84,990.00	84,990.00	0.00	100.0%
7109 - Recharge & Well Monitoring Prog	0.00	2,710.00	-2,710.00	0.0%	0.00	2,710.00	-2,710.00	0.0%	32,512.00	32,512.00	0.00	100.0%
7110 - Ag Production & Estimation	0.00	1,921.00	-1,921.00	0.0%	0.00	1,921.00	-1,921.00	0.0%	23,060.00	23,060.00	0.00	100.0%
7111 - Improved Data Collection & Mgmt	0.00	1,642.00	-1,642.00	0.0%	0.00	1,642.00	-1,642.00	0.0%	19,696.00	19,696.00	0.00	100.0%
7200 - PE2- Comp Recharge Pgm	371,150.11	455,882.58	-84,732.47	81.41%	371,150.11	455,882.58	-84,732.47	81.41%	1,958,966.58	1,958,966.58	0.00	100.0%
7300 - PE3&5-Water Supply/Desalte	429.40	3,895.00	-3,465.60	11.02%	429.40	3,895.00	-3,465.60	11.02%	46,474.00	46,474.00	0.00	100.0%
7400 - PE4- Mgmt Plan	44,440.35	131,481.91	-87,041.56	33.8%	44,440.35	131,481.91	-87,041.56	33.8%	490,467.91	490,467.91	0.00	100.0%
7500 - PE6&7-CoopEfforts/SaltMgmt	7,070.76	76,571.00	-69,500.24	9.23%	7,070.76	76,571.00	-69,500.24	9.23%	265,373.00	265,373.00	0.00	100.0%
7600 - PE8&9-StorageMgmt/Conj Use	41.79	5,624.00	-5,582.21	0.74%	41.79	5,624.00	-5,582.21	0.74%	67,117.00	67,117.00	0.00	100.0%
7690 - Recharge Improvement Debt Pymt	534,496.00	2,227,788.20	-1,693,292.20	23.99%	534,496.00	2,227,788.20	-1,693,292.20	23.99%	2,227,788.20	2,227,788.20	0.00	100.0%
7700 - Inactive Well Protection Prgm	0.00	41.00	-41.00	0.0%	0.00	41.00	-41.00	0.0%	500.00	500.00	0.00	100.0%
9502 - G&A Expenses Allocated-Projects	18,516.57	27,794.00	-9,277.43	66.62%	18,516.57	27,794.00	-9,277.43	66.62%	333,519.00	333,519.00	0.00	100.0%
Total Expense	1,550,089.98	4,128,039.17	-2,577,949.19	37.55%	1,550,089.98	4,128,039.17	-2,577,949.19	37.55%	11,554,603.17	11,554,603.17	0.00	100.0%
Net Ordinary Income	-1,376,981.81	-3,951,836.17	2,574,854.36	34.84%	-1,376,981.81	-3,951,836.17	2,574,854.36	34.84%	-2,546,648.17	-2,546,648.17	0.00	100.0%
Other Income												
4210 - Approp Pool-Replenishment	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
4220 - Non-Ag Pool-Replenishment	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
4225 - Interest Income	2,722.41	0.00	2,722.41	100.0%	2,722.41	0.00	2,722.41	100.0%	2,722.41	0.00	2,722.41	100.0%
4226 - LAIF Fair Market Value	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
4600 - Groundwater Sales	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
4715 - Gain on Sale of Assets	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
Total Other Income	2,722.41	0.00	2,722.41	100.0%	2,722.41	0.00	2,722.41	100.0%	2,722.41	0.00	2,722.41	100.0%
Other Expense												
5010 - Groundwater Replenishment	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
5100 - Other Water Purchases	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9200 - Interest Expense	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9251 - Other Post Employment Benefits	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9996 - Refund-Excess Reserves-Approp.	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9997 - Refund-Excess Reserves-NonAg	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9998 - Refund-Recharge Debt-Approp.	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9999 - To/(From) Reserves	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
Total Other 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%
Net Other Income	2,722.41	0.00	2,722.41	100.0%	2,722.41	0.00	2,722.41	100.0%	2,722.41	0.00	2,722.41	100.0%
Net Income	-1,374,259.40	-3,951,836.17	2,577,576.77	34.78%	-1,374,259.40	-3,951,836.17	2,577,576.77	34.78%	-2,543,925.76	-2,546,648.17	2,722.41	99.89%

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
August 2020

Financial Report - B6
For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	08/04/2020	ACH 080420	CALPERS	1394905143	1012 · Bank of America Gen'l Ckg	
Bill	08/01/2020	1394905143		Medical Insurance Premiums - August 2020	60182.1 · Medical Insurance	11,014.66
TOTAL						<u>11,014.66</u>
Bill Pmt -Check	08/04/2020	22309	ACWA JOINT POWERS INSURANCE AUTHORITY	10651621	1012 · Bank of America Gen'l Ckg	
Bill	08/03/2020	0651621		Prepayment - September 2020 August 2020	1409 · Prepaid Life, BAD&D & LTD 60191 · Life & Disab.Ins Benefits	251.30 <u>258.80</u>
TOTAL						510.10
Bill Pmt -Check	08/04/2020	22310	APPLIED COMPUTER TECHNOLOGIES	3151	1012 · Bank of America Gen'l Ckg	
Bill	07/31/2020	3151		Database Consulting Services - July 2020	6052.2 · Applied Computer Technol	3,850.00
TOTAL						<u>3,850.00</u>
Bill Pmt -Check	08/04/2020	22311	BROWNSTEIN HYATT FARBER SCHRECK		1012 · Bank of America Gen'l Ckg	
Bill	06/30/2020	808900		808900	6078 · BHFS Legal - Miscellaneous	28,622.25
Bill	06/30/2020	808901		GM Evaluation & Contract	6073 · BHFS Legal - Personnel Matters	11,267.10
Bill	06/30/2020	808902		808902	6907.34 · Santa Ana River Water Rights	1,381.05
Bill	06/30/2020	808903		808903	6275 · BHFS Legal - Advisory Committee	311.85
Bill	06/30/2020	808904		808904	6375 · BHFS Legal - Board Meeting	4,102.65
Bill	06/30/2020	808905		808905	8375 · BHFS Legal - Appropriative Pool	846.45
Bill	06/30/2020	808906		808906	8475 · BHFS Legal - Agricultural Pool	846.45
Bill	06/30/2020	808907		808907	8575 · BHFS Legal - Non-Ag Pool	846.45
Bill	06/30/2020	808908		808908	6071 · BHFS Legal - Court Coordination	8,915.40
				Delivery/Ground Transportation	6071 · BHFS Legal - Court Coordination	6.10
				Filing Fee	6071 · BHFS Legal - Court Coordination	282.00
				Mileage/Parking Expense	6071 · BHFS Legal - Court Coordination	59.54
				Federal Express	6071 · BHFS Legal - Court Coordination	20.89
Bill	06/30/2020	808909		808909	6077 · BHFS Legal - Party Status Maint	2,160.00
Bill	06/30/2020	808910		808910	6907.39 · Recharge Master Plan	801.90
Bill	06/30/2020	808911		808911	6907.41 · Prado Basin Habitat Sustain	311.85
Bill	06/30/2020	808912		808912	6907.45 · OBMP Update	43,394.40
Bill	06/30/2020	808913		808913	6907.47 · 2020 Safe Yield Reset	27,864.45
				Research-Westlaw	6907.47 · 2020 Safe Yield Reset	314.59
TOTAL						<u>132,355.37</u>
Bill Pmt -Check	08/04/2020	22312	DE BOOM, NATHAN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	07/09/2020	7/09 Ag Pool Mtg		7/09/20 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				7/09/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	07/22/2020	7/22 Special Ag Pool		7/22/20 Special Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00

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Type	Date	Num	Name	Memo	Account	Paid Amount
				7/22/20 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						250.00
Bill Pmt -Check	08/04/2020	22313	ELIE, STEVEN	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	07/23/2020	7/23 Board Mtg		7/23/20 Board meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	08/04/2020	22314	EMPOWER LAB	1493	1012 · Bank of America Gen'l Ckg	
Bill	07/31/2020	1493		Empower Lab-July 2020	6193 · Employee Training	1,075.00
TOTAL						1,075.00
Bill Pmt -Check	08/04/2020	22315	FILIPPI, GINO	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	07/09/2020	7/09 Ag Pool Mtg		7/09/20 Ag Pool meeting	6311 · Board Member Compensation	125.00
Bill	07/10/2020	7/10 Court Hearing		7/10/20 Court Hearing	6311 · Board Member Compensation	125.00
Bill	07/16/2020	7/16 Advisory Comm		7/16/20 Advisory Committee meeting	6311 · Board Member Compensation	125.00
Bill	07/17/2020	7/17 Special Ag Pool		7/17/20 Special Ag Pool meeting	6311 · Board Member Compensation	125.00
Bill	07/22/2020	7/22 Special Ag Pool		7/22/20 Special Ag Pool meeting	6311 · Board Member Compensation	125.00
Bill	07/23/2020	7/23 Board Mtg		7/23/20 Board meeting	6311 · Board Member Compensation	125.00
TOTAL						750.00
Bill Pmt -Check	08/04/2020	22316	KUHN, BOB	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	07/07/2020	7/07 Exec. Comm		7/07/20 Executive Committee meeting	6311 · Board Member Compensation	125.00
Bill	07/09/2020	7/09 Appro Pool Mtg		7/09/20 Appropriative Pool meeting	6311 · Board Member Compensation	125.00
Bill	07/10/2020	7/10 Court Hearing		7/10/20 Court Hearing	6311 · Board Member Compensation	125.00
Bill	07/16/2020	7/16 Advisory Comm		7/16/20 Advisory Committee meeting	6311 · Board Member Compensation	125.00
Bill	07/21/2020	7/21 Exec Comm		7/21/20 Executive Committee meeting	6311 · Board Member Compensation	125.00
Bill	07/23/2020	7/23 Board Mtg		7/23/20 Board meeting	6311 · Board Member Compensation	125.00
TOTAL						750.00
Bill Pmt -Check	08/04/2020	22317	PETTY CASH	2860-2868	1012 · Bank of America Gen'l Ckg	
Bill	07/31/2020	2860-2868		Plexiglass partition supplies-CV19	6027 · Other Building Expense	310.63
				Supplies for staff meeting	6141.3 · Admin Meetings	6.74
TOTAL						317.37
Bill Pmt -Check	08/04/2020	22318	ROGERS, PETER	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	07/23/2020	7/23 Board Mtg		7/23/20 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	08/06/2020	22319	BURRTEC WASTE INDUSTRIES, INC.	N2111367321	1012 · Bank of America Gen'l Ckg	
Bill	08/04/2020	N2111367321		August 2020	6024 · Building Repair & Maintenance	135.72

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Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAL						135.72
Bill Pmt -Check	08/06/2020	22320	EGOSCUE LAW GROUP, INC.	VOID:	1012 · Bank of America Gen'l Ckg	0.00
TOTAL						0.00
Bill Pmt -Check	08/06/2020	22321	FONTANA UNION WATER COMPANY'	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	07/07/2020	7/07	Board Officers	7/07/20 Board Officers meeting - Curatalo	6311 · Board Member Compensation	125.00
Bill	07/12/2020	7/12	Court Debrief	7/12/20 Court hearing debrief - Curatalo	6311 · Board Member Compensation	125.00
Bill	07/16/2020	7/16	Board Officers	7/16/20 Board/Pool leadership - Curatalo	6311 · Board Member Compensation	125.00
Bill	07/21/2020	7/21	Board Agenda	7/21/20 Board agenda review - Curatalo	6311 · Board Member Compensation	125.00
Bill	07/22/2020	7/22	Board Agenda	7/22/20 Board agenda/mtg prep - Curatalo	6311 · Board Member Compensation	125.00
Bill	07/23/2020	7/23	Board Mtg	7/23/20 Board meeting - Curatalo	6311 · Board Member Compensation	125.00
TOTAL						750.00
Bill Pmt -Check	08/06/2020	22322	HUITSING, JOHN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	07/09/2020	7/09	Ag Pool Mtg	7/09/20 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				7/09/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	07/17/2020	7/17	Special Ag Pool	7/17/20 Special Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				7/17/20 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	07/22/2020	7/22	Special Ag Pool	7/22/20 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	07/23/2020	7/23	Board Mtg	7/23/20 Board Meeting	8470 · Ag Meeting Attend -Special	125.00
TOTAL						500.00
Bill Pmt -Check	08/06/2020	22323	PRINTING RESOURCES	66555	1012 · Bank of America Gen'l Ckg	
Bill	07/31/2020	66555		Business cards - J. Nakano, ETF	6031.7 · Other Office Supplies	192.87
TOTAL						192.87
Bill Pmt -Check	08/06/2020	22324	PURCHASE POWER	8000-9090-0016-8851	1012 · Bank of America Gen'l Ckg	
Bill	07/31/2020	8000909000168851		Postage refill - 6/25/20	6042 · Postage - General	500.00
				Send Pro account for large packages	6042 · Postage - General	20.00
TOTAL						520.00
Bill Pmt -Check	08/06/2020	22325	RR FRANCHISING, INC.	9765	1012 · Bank of America Gen'l Ckg	
Bill	08/04/2020	89765		Monthly service - August 2020	6024 · Building Repair & Maintenance	915.00
TOTAL						915.00
Bill Pmt -Check	08/06/2020	22326	STATE COMPENSATION INSURANCE FUND	1970970-20	1012 · Bank of America Gen'l Ckg	
Bill	08/01/2020	1970970-20		Premium 7/26/20-8/26/20	60183 · Worker's Comp Insurance	514.25
TOTAL						514.25

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	08/06/2020	22327	UNION 76	7076-2245-3035-5049	1012 · Bank of America Gen'l Ckg	
Bill	07/31/2020	7076224530355049		July 2020	6175 · Vehicle Fuel	38.32
TOTAL						38.32
Bill Pmt -Check	08/06/2020	22328	EGOSCUE LAW GROUP, INC.	Ag Pool Legal Services	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2020	12771		May 2020	8467 · Ag Legal & Technical Services	42,359.75
Bill	06/30/2020	12801		June 2020	8467 · Ag Legal & Technical Services	123,335.00
TOTAL						165,694.75
Bill Pmt -Check	08/06/2020	22329	EGOSCUE LAW GROUP, INC.	Ag Pool Legal Services	1012 · Bank of America Gen'l Ckg	
Bill	07/31/2020	July 2020		July 2020	8467 · Ag Legal & Technical Services	58,695.00
TOTAL						58,695.00
General Journal	08/08/2020	08/08/2020	Payroll and Taxes for 07/26/20-08/08/20	Payroll and Taxes for 07/26/20-08/08/20	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 07/26/20-08/08/20	1012 · Bank of America Gen'l Ckg	29,102.93
				Payroll Taxes for 07/26/20-08/08/20	1012 · Bank of America Gen'l Ckg	10,504.73
			ICMA-RC	457(b) EE Deductions for 07/26/20-08/08/20	1012 · Bank of America Gen'l Ckg	5,476.92
			ICMA-RC	401(a) EE Deductions for 07/26/20-08/08/20	1012 · Bank of America Gen'l Ckg	1,562.57
TOTAL						46,647.15
Bill Pmt -Check	08/13/2020	22330	ACCENT COMPUTER SOLUTIONS, INC.	Adobe Acrobat Pro Licenses	1012 · Bank of America Gen'l Ckg	
Bill	07/31/2020	137124		Adobe Acrobat Pro 2017 license-Aldaz	6054 · Computer Software	203.88
Bill	07/31/2020	137125		Adobe Acrobat Pro 2017 license-Wilson	6054 · Computer Software	203.88
TOTAL						407.76
Bill Pmt -Check	08/13/2020	22331	BOWCOCK, ROBERT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	07/10/2020	7/10 Court Hearing		7/10/20 Court Hearing	6311 · Board Member Compensation	125.00
Bill	07/16/2020	7/16 RIPCom Mtg		7/16/20 RIPCom meeting	6311 · Board Member Compensation	125.00
Bill	07/23/2020	7/23 Board Meeting		7/23/20 Board meeting	6311 · Board Member Compensation	125.00
TOTAL						375.00
Bill Pmt -Check	08/13/2020	22332	CORELOGIC INFORMATION SOLUTIONS	82035441	1012 · Bank of America Gen'l Ckg	
Bill	07/31/2020	82035441		July 2020	7103.7 · Grdwtr Qual-Computer Svc	62.50
				82035441	7101.4 · Prod Monitor-Computer	62.50
TOTAL						125.00
Bill Pmt -Check	08/13/2020	22333	LOEB & LOEB LLP	1901976	1012 · Bank of America Gen'l Ckg	
Bill	07/31/2020	1901976		Non-Ag Pool Legal Services - July 2020	8567 · Non-Ag Legal Service	6,874.90
TOTAL						6,874.90

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	08/13/2020	22334	EASTVALE DEVELOPMENT - PIERSON	Ag Pool and Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	10/03/2019	10/03 Board Officers		10/03/19 Board Officers/Pool Chairs Meeting	6311 · Board Member Compensation	125.00
Bill	10/10/2019	10/10 Ag Pool Mtg		10/10/19 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	10/17/2019	10/17 Advisory Comm		10/17/19 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	10/17/2019	10/17 OBMPU LS 7		10/17/19 OBMP Update Listening Session 7	8470 · Ag Meeting Attend -Special	125.00
Bill	10/22/2019	10/22 Board Agenda		10/22/19 Board Agenda Preview Call	6311 · Board Member Compensation	125.00
Bill	10/23/2019	10/23 Board Mtg Chk		10/23/19 Last Mlnute Check-Board Mtg Call	6311 · Board Member Compensation	125.00
Bill	10/24/2019	10/24 Board Mtg		10/24/19 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						875.00
Bill Pmt -Check	08/13/2020	22335	RR FRANCHISING, INC.	90496	1012 · Bank of America Gen'l Ckg	
Bill	08/06/2020	90496		8/01/20 Electrostatic spraying of office and annex	6024 · Building Repair & Maintenance	355.00
TOTAL						355.00
Bill Pmt -Check	08/14/2020	ACH 081420	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	08/08/2020	08/08/2020	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 07/26/20-08/08/20	2000 · Accounts Payable	8,586.15
TOTAL						8,586.15
General Journal	08/14/2020	20/08/08	ADP, LLC	ADP Tax Service	1012 · Bank of America Gen'l Ckg	
				ADP Tax Service for 07/11/20-562165023	1012 · Bank of America Gen'l Ckg	155.50
				ADP Tax Service for 07/25/20-562165023	1012 · Bank of America Gen'l Ckg	155.50
TOTAL						311.00
Bill Pmt -Check	08/18/2020	22336	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	07/31/2020	XXXX-XXXX-XXXX-9341		Signs for office-CV19	6031.7 · Other Office Supplies	93.91
				Plexiglass partition supplies-CV19	6027 · Other Building Expense	20.92
				Miscellaneous office supplies-CV19	6031.7 · Other Office Supplies	102.30
				Overnght check to court reporter-7/10/20	6042 · Postage - General	32.56
				Miscellaneous office supplies	6031.7 · Other Office Supplies	28.80
				Docs to Jeff Pierson	6042 · Postage - General	12.50
				Misc. office supplies - emergency kit supplies	6031.7 · Other Office Supplies	100.57
				Misc. office supplies - emergency kit supplies	6031.7 · Other Office Supplies	64.99
				Frame for picture of office staff	6031.7 · Other Office Supplies	68.63
				Docs to B. Herrema	6042 · Postage - General	12.75
				Docs to Jeff Pierson	6042 · Postage - General	8.50
				Monthly fee for webinar service	6022 · Telephone	59.00
				Resource guide for office	6031.7 · Other Office Supplies	49.99
TOTAL						655.42
Bill Pmt -Check	08/18/2020	22337	BROWNSTEIN HYATT FARBER SCHRECK		1012 · Bank of America Gen'l Ckg	

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	07/31/2020	810728		810728	6078 · BHFS Legal - Miscellaneous	30,021.30
				Research	6078 · BHFS Legal - Miscellaneous	1.26
Bill	07/31/2020	810729		GM Employment Agreement	6073 · BHFS Legal - Personnel Matters	7,739.10
Bill	07/31/2020	810730		810730	6275 · BHFS Legal - Advisory Committee	1,158.30
Bill	07/31/2020	810731		810731	6375 · BHFS Legal - Board Meeting	12,182.40
Bill	07/31/2020	810732		810732	8375 · BHFS Legal - Appropriative Pool	1,202.85
Bill	07/31/2020	810733		810733	8475 · BHFS Legal - Agricultural Pool	1,202.85
Bill	07/31/2020	810734		810734	8575 · BHFS Legal - Non-Ag Pool	1,202.85
Bill	07/31/2020	810735		810735	6071 · BHFS Legal - Court Coordination	21,273.75
				Delivery/Ground Transportation	6071 · BHFS Legal - Court Coordination	6.10
				Filing Fee	6071 · BHFS Legal - Court Coordination	752.00
				Mileage/Parking Expense	6071 · BHFS Legal - Court Coordination	59.54
Bill	07/31/2020	810736		810736	6077 · BHFS Legal - Party Status Maint	89.10
Bill	07/31/2020	810737		810737	6907.39 · Recharge Master Plan	133.65
Bill	07/31/2020	810738		810738	6907.45 · OBMP Update	26,914.95
Bill	07/31/2020	810739		810739	6907.47 · 2020 Safe Yield Reset	211.50
Bill	07/31/2020	810740		810740	6078.25 · Ely 3 Basin Investigation	217.80
				Research	6078.25 · Ely 3 Basin Investigation	20.27
TOTAL						104,389.57
Bill Pmt -Check	08/18/2020	22338	CUCAMONGA VALLEY WATER DISTRICT	Office Lease	1012 · Bank of America Gen'l Ckg	
Bill	08/17/2020			Lease due on September 1, 2020	1422 · Prepaid Rent	7,093.14
TOTAL						7,093.14
Bill Pmt -Check	08/18/2020	22339	DE HAAN, HENRY	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	07/09/2020	7/09 Ag Pool Mtg		7/09/20 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				7/09/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	08/18/2020	22340	EUROFINS EATON ANALYTICAL	L0524858	1012 · Bank of America Gen'l Ckg	
Bill	07/22/2020	L0524858		L0524858	7103.5 · Grdwtr Qual-Lab Svcs	1,256.00
TOTAL						1,256.00
Bill Pmt -Check	08/18/2020	22341	FIRST LEGAL NETWORK LLC	40041198	1012 · Bank of America Gen'l Ckg	
Bill	07/31/2020	40041198		Court filings for July 2020	6061.5 · Court Filing Services	829.78
TOTAL						829.78
Bill Pmt -Check	08/18/2020	22342	FRONTIER COMMUNICATIONS	909-484-3890-050914-5	1012 · Bank of America Gen'l Ckg	
Bill	08/18/2020	90948438900509145		Office fax	6022 · Telephone	156.71
TOTAL						156.71

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	08/18/2020	22343	JANITOR'S CHOICE	INV01104	1012 · Bank of America Gen'l Ckg	
Bill	07/31/2020	INV01104		Stands for hand sanitizer dispensers-CV19	6031.7 · Other Office Supplies	262.20
TOTAL						262.20
Bill Pmt -Check	08/18/2020	22344	LEGAL SHIELD	111802	1012 · Bank of America Gen'l Ckg	
Bill	08/13/2020	111802		Employee deductions - August 2020	60194 · Other Employee Insurance	177.35
TOTAL						177.35
Bill Pmt -Check	08/18/2020	22345	STAULA, MARY L	Retiree medical	1012 · Bank of America Gen'l Ckg	
Bill	08/31/2020			Retiree medical	60182.4 · Retiree Medical	30.72
TOTAL						30.72
Bill Pmt -Check	08/18/2020	22346	TOM DODSON & ASSOCIATES	CB271 20-8	1012 · Bank of America Gen'l Ckg	
Bill	07/31/2020	CB271 20-8		July 2020 - OBMP Update PEIR	6908.1 · 2020 OBMP Update-Dodson & Assoc	8,765.00
TOTAL						8,765.00
Bill Pmt -Check	08/18/2020	22347	UNITED HEALTHCARE	052555600005	1012 · Bank of America Gen'l Ckg	
Bill	08/18/2020	052555600005		Dental Insurance Premium - Sep. 2020	60182.2 · Dental & Vision Ins	805.17
TOTAL						805.17
Bill Pmt -Check	08/18/2020	22348	VERIZON WIRELESS	9860067538	1012 · Bank of America Gen'l Ckg	
Bill	08/14/2020	9860067538		Acct #470810953-00001	6022 · Telephone	320.67
TOTAL						320.67
Bill Pmt -Check	08/25/2020	ACH 082520	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
Bill	08/01/2020	16124810		Annual Unfunded Accrued Liability-Plan 3299	60180 · Employers PERS Expense	7,622.21
TOTAL						7,622.21
General Journal	08/27/2020	08/27/20	Payroll and Taxes for 08/09/20-08/22/20	Payroll and Taxes for 08/09/20-08/22/20	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 08/09/20-08/22/20	1012 · Bank of America Gen'l Ckg	41,041.34
				Payroll Taxes for 08/09/20-08/22/20	1012 · Bank of America Gen'l Ckg	13,473.33
			ICMA-RC	457(b) EE Deductions for 08/09/20-08/22/20	1012 · Bank of America Gen'l Ckg	6,497.31
			ICMA-RC	401(a) EE Deductions for 08/09/20-08/22/20	1012 · Bank of America Gen'l Ckg	1,889.94
TOTAL						62,901.92
Bill Pmt -Check	08/27/2020	22349	GREAT AMERICA LEASING CORP.	27619595	1012 · Bank of America Gen'l Ckg	
Bill	08/18/2020	27619595		Invoice for July 2020 - standard payment	6043.1 · Ricoh Lease Fee	1,440.91
				Supply freight fee	6043.2 · Ricoh Usage & Maintenance Fee	8.57
TOTAL						1,449.48

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	08/27/2020	22350	NELSON, ANNA	Employee Expense Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	08/18/2020			Tuition reimbursement-AN	6193 · Employee Training	383.11
TOTAL						<u>383.11</u>
Bill Pmt -Check	08/31/2020	ACH 083120	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	08/22/2020	08/22/2020	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 08/09/20-08/22/20	2000 · Accounts Payable	8,586.15
TOTAL						<u>8,586.15</u>
General Journal	08/31/2020	08/31/2020	Wage Works FSA Direct Debits-Aug. 2020	Wage Works FSA Direct Debits-Aug. 2020	1012 · Bank of America Gen'l Ckg	572.32
				Wage Works FSA Direct Debits-Aug. 2020	1012 · Bank of America Gen'l Ckg	572.32
				Wage Works FSA Direct Debits-Aug. 2020	1012 · Bank of America Gen'l Ckg	572.32
				Wage Works FSA Direct Debits-Aug. 2020	1012 · Bank of America Gen'l Ckg	76.25
TOTAL						<u>1,793.21</u>
					Total Disbursements:	<u><u>651,238.18</u></u>

CHINO BASIN WATERMASTER

- I. CONSENT CALENDAR
- C. OBMP SEMI-ANNUAL STATUS REPORT 2020-1



CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: September 17, 2020

TO: Advisory Committee

SUBJECT: OBMP Semi-Annual Status Report 2020-1 (Consent Calendar Item I.C.)

SUMMARY:

Issue: Watermaster produces the Semi-Annual Optimum Basin Management Program (OBMP) Status Reports. The report for the period January to June 2020 has been drafted.

Recommendation: Recommend Watermaster Board adoption of the Semi-Annual OBMP Status Report 2020-1, along with filing a copy with the Court, subject to any necessary non-substantive changes.

Financial Impact: The costs of preparing the Semi-Annual OBMP Status Report and filing it with the Court are included in the Watermaster budget.

Future Consideration

Advisory Committee – September 17, 2020: Advice and assistance

Watermaster Board – September 24, 2020: Adoption [Discretionary Function]

ACTIONS:

Appropriative Pool – September 10, 2020: Unanimously recommended Advisory Committee to recommend to the Watermaster Board to adopt and file with the Court

Agricultural Pool – September 10, 2020: Unanimously recommended Advisory Committee to recommend to the Watermaster Board to adopt and file with the Court

Non-Agricultural Pool – September 11, 2020: Unanimously recommended its representatives to support at Advisory Committee and Watermaster Board subject to change they deem appropriate

Advisory Committee – September 17, 2020:

Watermaster Board – September 24, 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

OBMP Semi-Annual Status Report 2020-1 covers the period from January to June 2020. The report describes work conducted, and the current status of the nine Program Elements of the Optimum Basin Management Program during the six-month period.

DISCUSSION

OBMP Semi-Annual Status Report 2020-1 has been drafted. Once adopted by the Board, the OBMP Semi-Annual Status Report will be filed with the Court.

This item was presented to the Appropriative Pool and the Overlying (Agricultural) Pool Committees on September 10, 2020. Two errors were corrected; an outdated title on page 1 and an incorrect verbiage used on page 9. The AP and OAP consented to the corrections and unanimously recommended Advisory Committee to recommend to the Watermaster Board to adopt the OBMP Semi-Annual Status Report 2020-1 and filing it with the Court subject to any necessary non-substantive changes. This item was then presented to the Overlying (Non-Agricultural) Pool Committee on September 11, 2020 where it unanimously recommended its representatives to support at Advisory Committee and Watermaster Board subject to changes they deem appropriate.

The originally attached OBMP Semi-Annual Status Report 2020-1 in the Pool Committees' staff report has been revised and the redlined version is attached to this staff report.

ATTACHMENTS

1. OBMP Semi-Annual Status Report 2020-1 (Redlined)

Optimum Basin Management Program

Staff Status Report ~~2019-2: July to December 2019~~ 2020-1: January to June 2020



CHINO BASIN WATERMASTER

Optimum Basin Management Program

Highlighted Activities

- During this reporting period, Watermaster manually measured 380 water levels at about 50 private wells and 12 municipal supply wells throughout the Chino Basin, conducted two quarterly download events at about 135 wells containing pressure transducers, collected 16 groundwater quality samples from eight wells, and collected eight surface water quality samples.
- Pursuant to a monitoring and mitigation requirement of the Peace II Subsequent Environmental Impact Report (SEIR), Watermaster, the Inland Empire Utilities Agency (IEUA), and the Orange County Water District (OCWD) continued to implement the Prado Basin Habitat Sustainability Program (PBHSP). During this reporting period, Watermaster collected two quarters of surface water and groundwater quality sampling at two PBHSP monitoring well locations and conducted two quarterly downloads of pressure transducers that measure water levels at the 18 PBHSP monitoring wells.
- Pursuant to the *Chino Basin Subsidence Management Plan*, Watermaster continued to implement the Ground-Level Monitoring Program and completed the *2018/19 Annual Report of the Ground-Level Monitoring Committee*, which analyzes and interprets data from the monitoring program and recommends future monitoring and testing activities. During this reporting period, Watermaster prepared for and installed the cable extensometer components at the new Pomona Extensometer Facility (PX).
- Watermaster and the IEUA are continuing to implement the 2013 Amendment to the 2010 Recharge Master Plan Update (2013 RMPU) pursuant to the October 2013 Court Order authorizing its implementation. During this reporting period, the permits for construction of the Wineville/Jurupa/RP3 Basins were obtained, and the contractor submittals for the Lower Day project were reviewed in preparation for the start of construction. The design plans and specifications are being finalized, and required permits are being obtained for the Montclair Basins.
- During this reporting period, Watermaster and the IEUA recharged a total of 13,288 acre-feet of water: 5,660 acre-feet of stormwater, 6,117 acre-feet of recycled water, and 1,511 acre-feet of imported water.
- Watermaster's consultant has continued the technical work necessary for the 2020 Safe Yield recalculation pursuant to the OBMP Implementation Plan and the April 28, 2017 Court Order. During this reporting period, Watermaster completed the technical analysis to estimate net recharge and Safe Yield and submitted its recommendation regarding the 2020 Safe Yield Recalculation to the Court .
- Watermaster finalized the 2020 OBMP Update Report, which described (1) the 2020 OBMP Update process, (2) the OBMP goals and new activities for the 2020 OBMP, (3) the status of the OBMP Program Elements and ongoing activities within them, and (4) the recommended 2020 OBMP management plan. The management plan will form the foundation for the Watermaster Parties to develop a 2020 OBMP Implementation Plan and the agreements necessary to implement it.

Important Court Hearings and Orders

- JUNE 26, 2020 HEARING—(1) Watermaster Request of Court to Receive and File Watermaster Semi-Annual OBMP Status Report 2019-1; (2) Watermaster Request of Court to Receive and File Watermaster Semi-Annual OBMP Status Report 2019-2; (3) Watermaster's Notice of Motion and Motion for Court to Receive and File the 2018/2019 Annual Report of the Ground Level Monitoring Committee; (4) Watermaster's Notice of Motion and Motion for Court to Receive and File Watermaster's 42nd Annual Report; (5) Watermaster Request for the Court to Approve Interventions; (6) Watermaster Status Report Regarding Update to the Optimum Basin Management Program; (7) Supplement to Chino Basin Watermaster Status Report Regarding Update to the Optimum Basin Management Program; (8) Second Supplement to Chino Basin Watermaster Status Report Regarding Update to the Optimum Basin Management Program; (9) Watermaster Notice of Motion and Motion for Court Approval of Amendments to Restated Judgment Regarding Compensation of Advisory and Pool Committee Members; (10) Ag Pool's Joinder to Watermaster's Motion for Court Approval of Amendments to Restated Judgment Regarding Compensation of Advisory and Pool Committee Members.
- JUNE 26, 2020 ORDERS—(1) GRANTING REQUEST FOR COURT TO RECEIVE AND FILE WATERMASTER SEMI-ANNUAL OBMP STATUS REPORT 2019-1; (2) GRANTING MOTION FOR COURT APPROVAL OF AMENDMENTS TO RESTATED JUDGMENT REGARDING COMPENSATION OF WATERMASTER POOL AND ADVISORY COMMITTEE MEMBERS; (3) GRANTING WATERMASTER'S NOTICE OF MOTION AND MOTION FOR COURT TO RECEIVE AND FILE THE 2018-2019 ANNUAL REPORT OF THE GROUND-LEVEL MONITORING COMMITTEE; (4) GRANTING REQUEST FOR COURT TO RECEIVE AND FILE WATERMASTER 42ND ANNUAL REPORT; (5) RE REQUEST FOR THE COURT TO APPROVE INTERVENTIONS; (6) GRANTING REQUEST FOR COURT TO RECEIVE AND FILE WATERMASTER SEMI-ANNUAL OBMP STATUS REPORT 2019-2.

Optimum Basin Management Program

Program Element 1: Develop and Implement a Comprehensive Monitoring Program

Fundamental to the implementation of the OBMP Program Elements are the monitoring and data collection efforts performed in accordance with Program Element 1, including monitoring basin hydrology, production, recharge, groundwater levels, groundwater quality, and ground-level movement. Various monitoring programs have and will continue to be refined over time to satisfy the evolving needs of Watermaster and the IEUA, such as new regulatory requirements and improved data coverage. Monitoring is performed by basin pumpers, Watermaster staff, and other cooperating entities as follows.

Groundwater Level Monitoring

Watermaster's basin-wide groundwater level monitoring program supports the periodic reassessment of Safe Yield, the monitoring and management of ground-level movement, the impact analysis of desalter pumping on private wells, the impact analysis of the implementation of the Peace II Agreement on groundwater levels and riparian vegetation in the Prado Basin, the triennial re-computation of ambient water quality mandated by the Water Quality Control Plan for the Santa Ana River Basin (Basin Plan), and the assessment of Hydraulic Control—a maximum-benefit commitment in the Basin Plan. The data are also used to update and recalibrate Watermaster's computer-simulated groundwater flow model in order to assess groundwater flow directions, to compute storage changes, to support interpretations of water quality data, and to identify areas of the basin where recharge and discharge are not in balance.

The current groundwater level monitoring program is comprised of approximately 1,150 wells. At about 950 of these wells, groundwater levels are measured by well owners, which include municipal water agencies, the California Department of Toxic Substances Control (DTSC), the Counties, and various private consulting firms. Watermaster collects these groundwater level data semi-annually from the well owners. At the remaining 200 wells, groundwater levels are measured monthly by Watermaster staff using manual methods or by pressure transducers that record data on a 15-minute interval. These wells are mainly Agricultural Pool wells or dedicated monitoring wells located south of the 60 freeway.

All groundwater level data are checked and uploaded to a centralized database management system that can be accessed online through HydroDaVEsm. During this reporting period, Watermaster measured approximately 380 groundwater levels at about 50 private wells and 12 municipal supply wells throughout the Chino Basin and conducted two quarterly downloads of 135 pressure transducers installed in private, municipal, and monitoring wells. Additionally, Watermaster compiled all available groundwater-level data from well owners in the basin for the July 2019 to March 2020 period.

Groundwater Quality Monitoring

Watermaster initiated a comprehensive groundwater quality monitoring program in which the obtained data may be used for: the biennial State of the Basin report, the triennial re-computation of ambient water quality, the demonstration of Hydraulic Control, monitoring of nonpoint-source groundwater contaminations and plumes associated with point-source contaminations, and assessing the overall health of the groundwater basin. Groundwater quality data are also used in conjunction with numerical models to assist Watermaster and other parties in evaluating proposed salinity management and groundwater remediation strategies. The details of the groundwater quality monitoring programs as of fiscal year 2019/20 are described below.

Chino Basin Data Collection (CBDC). Watermaster routinely and proactively collects groundwater quality data from well owners including municipal and government agencies. Groundwater quality data are also obtained from special studies and monitoring required by orders of the Santa Ana Regional Water Quality Control Board (Regional Board)—such as for landfills and other groundwater quality investigations, the DTSC, the US Geological Survey (USGS), and others. These data are collected semi-annually from well owners and monitoring entities. Data are collected for about 800 wells as part of the CBDC program. During this reporting period, Watermaster compiled data collected for the CBDC program for the July to December 2019 period.



Water Quality Sampling by Watermaster Staff

Optimum Basin Management Program

Program Element 1: Develop and Implement a Comprehensive Monitoring Program (Continued)

Watermaster Field Groundwater Quality Monitoring Programs. Watermaster monitors groundwater quality at privately owned wells and dedicated monitoring wells on a routine basis as follows:

1. *Private Wells.* About 85 private wells, located predominantly in the southern portion of the basin, are sampled at various frequencies based on their proximity to known point-source contamination plumes. Seven wells near contaminant plumes are sampled annually, and the remaining 72 wells are sampled triennially.
2. *Watermaster Monitoring Wells.* Watermaster collects groundwater quality samples from a total of 33 multi-nested monitoring wells at 14 well sites located throughout the Chino Basin. These monitoring well sites include: nine HCMP sites constructed to support the demonstration of Hydraulic Control in the southern Chino Basin, two sites constructed to support the PBHSP in the Prado Basin region, and three sites that fill spatial data gaps near contamination plumes in MZ-3. Each nested well site contains up to four wells in the borehole. Additionally, Watermaster samples one single-casing well in MZ-3. Currently, the HCMP and MZ-3 wells are sampled annually, and the PBHSP wells, at two locations, are sampled quarterly.
3. *Other wells.* Watermaster collects quarterly samples from four near-river wells to characterize the interaction of the Santa Ana River and groundwater. These shallow wells along the Santa Ana River consist of two former USGS National Water Quality Assessment Program wells (Archibald 1 and Archibald 2) and two Santa Ana River Water Company wells (active well 9 and inactive well 11).

During this reporting period, Watermaster collected 16 groundwater quality samples from eight wells. The samples were sent to Eurofins Eaton Analytical Laboratory for analysis. All groundwater quality data are checked by Watermaster staff and uploaded to a centralized database management system that can be accessed online through HydroDaVEsm.

Groundwater Production Monitoring

As of the end of this reporting period, there were a total of 479 producing wells, 272 of which were for agricultural uses. The decrease in agricultural wells are mainly attributable to urbanization and development. Many of the remaining active agricultural production wells are metered which Watermaster reads on a quarterly basis. Meter reads and production data are then entered into Watermaster's relational database, which can be accessed online through HydroDaVEsm.

Surface Water Monitoring in the Santa Ana River

Watermaster collects grab water quality samples at two sites along the Santa Ana River (Santa Ana River at River Road and Santa Ana River at Etiwanda) on a quarterly basis. Sample data from these surface water sites and from the near-river wells are used to characterize the interaction between the Santa Ana River and nearby groundwater. During this reporting period, Watermaster collected eight surface water quality samples from four surface water sites.

Prado Basin Habitat Sustainability Program (PBHSP)

Mitigation Measure 4.4-3 from the Peace II SEIR requires that Watermaster and the IEUA, in collaboration with the OCWD, form a committee, the PBHSC, and develop and implement an Adaptive Management Plan for the PBHSP. The PBHSC is open to all interested participants, including the Watermaster Parties, IEUA member agencies, the OCWD, and other interested stakeholders. The objective of the PBHSP is to ensure that riparian habitat in the Prado Basin is not adversely impacted by the implementation of Peace II activities. Currently, the PBHSP consists of a monitoring program and annual reporting on the results of the monitoring program. The monitoring program includes an assessment of the riparian habitat and all factors that could potentially impact the riparian habitat, including those factors affected by Peace II activities, such as changes in groundwater levels. Sixteen monitoring wells at nine sites were constructed in 2015 to support the PBHSP. Two existing wells are also monitored as part of the PBHSP. The PBHSC developed the Adaptive Management Plan of the PBHSP to describe an initial monitoring program and a process to modify the monitoring program and/or implement mitigation strategies, as necessary.



Metered Irrigation Well

Optimum Basin Management Program

Program Element 1: Develop and Implement a Comprehensive Monitoring Program (Continued)

During the reporting period, Watermaster performed the following tasks:

- Conducted the groundwater monitoring program, which included the quarterly download of transducers that measure groundwater levels at 18 PBHSP monitoring wells, and quarterly groundwater quality sampling at four PHBSP monitoring wells in two locations.
- Conducted the surface-water monitoring program, which included: the quarterly download of probes that measure EC, temperature, and level at two surface water sites; and the quarterly water quality sampling at the same two sites.
- Prepared a memorandum titled *Recommended Scope and Budget of the Prado Basin Habitat Sustainability Program for Fiscal Year 2020/21*. This memorandum was used by Watermaster and the IEUA to develop and approve their respective fiscal year 2020/21 budgets.
- Prepared the fourth annual report: *Annual Report of the Prado Basin Habitat Sustainability Committee for Water Year 2019*. The main conclusion of the annual report was that the quality of the riparian habitat experienced a general increase in greenness across most of the Prado Basin from 2018-2019 and at the same time the area experienced above average precipitation and slightly lower temperatures. Groundwater levels have remained relatively stable and within their historical range of short-term and long-term variability and are not the likely cause of the observed greening of riparian habitat from 2018-2019. No mitigation measures are proposed at this time.
- Conducted two meetings of the PBHSC:
 - On March 10, 2020 to present the *Recommended Scope and Budget of the PBHSP* for fiscal year 2020/21.
 - On May 13, 2020 to present the draft *Annual Report of the PBHSC* for water year 2019.

Chino Basin Groundwater Recharge Monitoring Program

Watermaster, the IEUA, the Chino Basin Water Conservation District, and the San Bernardino County Flood Control District jointly sponsor the Chino Basin Groundwater Recharge Program. This is a comprehensive water supply program to enhance water supply reliability and improve groundwater quality in local drinking water wells by increasing the recharge of storm, imported, and recycled waters. The recharge program is regulated under IEUA and Watermaster Regional Board Order No. R8-2007-0039 and Monitoring and Reporting Program No. R8-2007-0039.

Watermaster and the IEUA measure the quantity of storm, imported, and recycled water that enters recharge basins using pressure transducers or staff gauges. IEUA also conducts water quality monitoring for all required parameters in the Order No. R8-2007-0039 for recycled water, diluent water (storm water, dry weather flow, and imported water), and groundwater. IEUA staff samples for recycled water quality data: daily and weekly for the RP-1 and RP-4 effluent; quarterly and annually at two recycled water locations representative of recharge quality; and weekly or monthly from lysimeters at recharge basins. Most of the recycled water recharge basins have alternative compliance plans for total organic carbon (TOC) and Total Nitrogen (TN) using the recycled water samples and the application of a correction factor for soil aquifer treatment. IEUA also collects samples at about 15 surface water locations for stormwater and dry-weather flows. Imported water quality data for State Water Project water are obtained from the Metropolitan Water District of Southern California (MWDSC). The flow and quality data is used to calculate 120-month blended water quality for total dissolved solids (TDS) and nitrate of all recharge sources in each recharge basin to assess adequate dilution of recycled water as required by the recycled water recharge permits held with the Division of Drinking Water (DDW), and 5-year blended water quality for TDS and nitrate for all recharge sources in all recharge basins in the Chino Basin as required by the Maximum Benefit Salinity Management Plan (see the Program Element 7 update in this status report).

IEUA also collects quarterly and annual groundwater quality samples at a network of about 35 dedicated monitoring wells and production wells that are downgradient of the recharge basins.

Monitoring Activities. During this reporting period, the IEUA performed its ongoing monitoring program to measure and record recharge volumes and to collect water quality samples for recycled water, diluent water, and groundwater pursuant to Watermaster and IEUA permit requirements. This included collecting approximately 56 recycled water quality samples, 47 lysimeter samples, 9 diluent water quality samples, and 70 groundwater quality samples for analytical analyses. Daily composite water quality data was also collected at the RP-1 and RP-4 effluent.

Optimum Basin Management Program

Program Element 1: Develop and Implement a Comprehensive Monitoring Program (Continued)

Reporting. Watermaster and the IEUA completed the following compliance reports concerning the recharge program during the reporting period:

- 4Q-2019 Quarterly Report, which was submitted to the Regional Board on February 15, 2020
- 1Q-2020 Quarterly Report, which was submitted to the Regional Board on May 15, 2020
- 2019 Annual Report, which was submitted to the Regional Board on May 1, 2020

Ground Level Monitoring

To address the historical occurrence of land subsidence and ground fissuring in the Chino Basin, Watermaster prepared and submitted a subsidence management plan (known as the MZ-1 Plan) to the Court for approval, and in November 2007, the Court ordered its implementation (see Program Element 4 in this report for more on MZ-1 Plan implementation). The MZ-1 Plan required several monitoring and mitigation measures to minimize or abate the future occurrence of land subsidence and ground fissuring. These measures and activities included:

- Continuing the scope and frequency of monitoring within the so-called Managed Area that was conducted during the period when the MZ-1 Plan was being developed.
- Expanding the monitoring of the aquifer system and ground-level movement into other areas of MZ-1 and the Chino Basin where data indicate concern for future subsidence and ground fissuring (Areas of Subsidence Concern).
- Monitoring of horizontal strain across the historical zone of ground fissuring.
- Conducting additional testing and monitoring to refine the MZ-1 Guidance Criteria for subsidence management (e.g. the Long-Term Pumping Test).
- Developing alternative pumping plans for the MZ-1 producers impacted by the MZ-1 Plan.
- Constructing and testing a lower-cost cable extensometer facility at Ayala Park.
- Evaluating and comparing ground-level surveying and Interferometric Synthetic Aperture Radar (InSAR) and recommending future monitoring protocols for both techniques.
- Conducting an aquifer storage recovery (ASR) feasibility study at a City of Chino Hills production well within the MZ-1 Managed Area (Well 16).

Since the initial MZ-1 Plan was adopted in 2007, Watermaster has conducted the annual Ground-Level Monitoring Program (GLMP). The main results of the GLMP are that very little permanent land subsidence has occurred in the MZ-1 Managed Area, indicating that subsidence is being successfully managed in this area, but land subsidence has been occurring in Northwest MZ-1. One concern is that land subsidence in Northwest MZ-1 has occurred differentially across the San Jose Fault, following the same pattern of differential subsidence that occurred in the MZ-1 Managed Area during the time of ground fissuring.

Based on these observations, Watermaster determined that the subsidence management plan needed to be updated to include a Subsidence Management Plan for Northwest MZ-1, with the long-term objective of minimizing or abating the occurrence of the differential land subsidence. Thus, Watermaster expanded the GLMP into Northwest MZ-1 and prepared an updated Chino Basin Subsidence Management Plan, which included the Work Plan to Develop a Subsidence Management Plan for Northwest MZ-1 (Work Plan) as an appendix.

During this reporting period, Watermaster undertook the following Chino Basin Subsidence Management Plan activities:

- Continued high-resolution water-level monitoring at wells within the Managed Area and within the Areas of Subsidence Concern. All monitoring equipment is inspected at least quarterly and is repaired and/or replaced as necessary. The data collected were checked and analyzed to assess the functionality of the monitoring equipment and for compliance with the Chino Basin Subsidence Management Plan.
- Performed monthly routine maintenance, data collection, and verification at the Ayala Park and Chino Creek extensometer facilities.

Optimum Basin Management Program

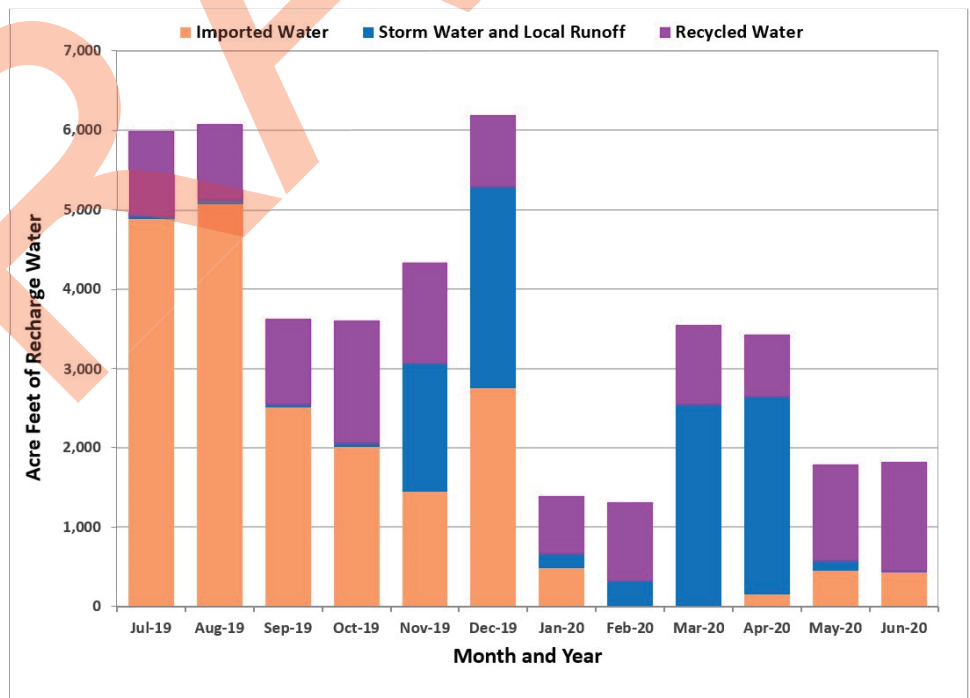
Program Element 1: Develop and Implement a Comprehensive Monitoring Program (Continued)

- Continued implementation of the Work Plan:
 - Collected, processed, and checked groundwater level data and production data from wells in Northwest MZ-1 on a monthly basis.
 - Prepared for and installed the Pomona Extensometer Facility (PX) cable extensometer components. This included the following work:
 - Cascade Environmental, Inc. (Cascade) bailed each piezometer and installed the cable extensometer anchor weights in each piezometer.
 - Chino Manufacturing, Inc. installed the cable extensometer components (datum and fulcrum table) for each piezometer.
 - All monitoring equipment (linear potentiometers and pressure transducers) and installation materials were purchased and prepared for installation.

Program Element 2: Develop and Implement a Comprehensive Recharge Program

The objectives of the comprehensive recharge program include: enhancing the yield of the Chino Basin through the development and implementation of a Recharge Master Plan to improve, expand, and construct recharge facilities that enable the recharge of storm, recycled, and imported waters; ensuring a balance of recharge and discharge in the Chino Basin management zones; and ensuring that sufficient storm and imported waters are recharged to comply with the recycled water dilution requirements in Watermaster and the IEUA’s recycled water recharge permits.

Pursuant to Program Element 2 of the OBMP, Watermaster and the IEUA partnered with the San Bernardino County Flood Control District and the Chino Basin Water Conservation District to construct and/or improve 18 recharge sites. This project is known as the Chino Basin Facilities Improvement Project (CBFIP). The average annual stormwater recharge of the CBFIP facilities is approximately 10,000 acre-feet per year, the supplemental “wet”¹ water recharge capacity is about 56,600 acre-feet per year, and the in-lieu supplemental water recharge capacity ranges from 17,700 to 49,900 acre-feet per year. In addition to the CBFIP facilities, the Monte Vista Water District has five ASR wells with a demonstrated well injection capacity of 5,500 acre-feet per year. The current total supplemental water recharge capacity ranges from 90,310 to 118,310 acre-feet per year, which is greater than the projected supplemental water recharge capacity required by Watermaster.



In 2008, Watermaster began preparing the 2010 Recharge Master Plan Update (2010 RMPU) pursuant to the December 21, 2007 Court Order (the Peace II Agreement) to complete a Recharge Master Plan Update by July 1, 2010. In October 2010, the Court accepted the 2010 RMPU as satisfying the condition and ordered that certain recommendations of the 2010 RMPU be implemented.

¹The modifier “wet” means actual physical water is being recharged in spreading basins as opposed to the dedication of water from storage or in-lieu recharge.

Optimum Basin Management Program

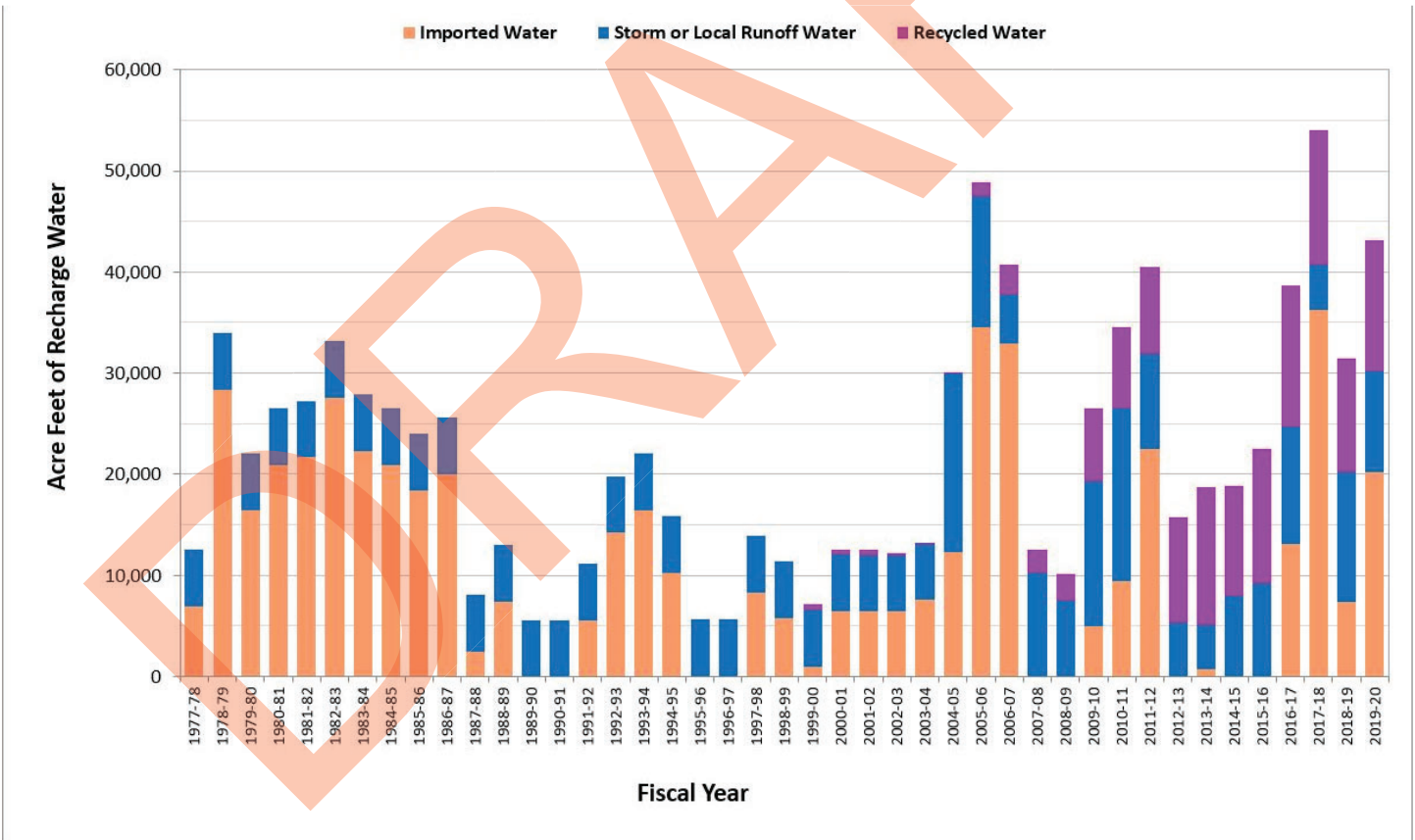
Program Element 2: Develop and Implement a Comprehensive Recharge Program (Continued)

In November 2011, Watermaster reported its progress to the Court pursuant to the October 2010 Court Order, and in December 2011, the Court issued an order directing Watermaster to continue with its implementation of the 2010 RMPU per its October 2010 order but with a revised schedule. On December 15, 2011, the Watermaster Board moved to:

“approve that within the next year there will be the completion of [a] Recharge Master Plan Update, there will be the development of an Implementation Plan to address balance issues within the Chino Basin subzones, and the development of a Funding Plan, as presented.”

This motion led to the development of an update to the 2010 RMPU, and in 2012, Watermaster staff sent out a “call for projects” to the Watermaster Parties, seeking their recommendations for recharge improvement projects that should be considered in the update. The 2013 Amendment to the 2010 Recharge Master Plan Update (2013 RMPU) outlines the recommended projects to be implemented by Watermaster and the IEUA and lays out the implementation and financing plans. The 2013 RMPU report was approved by the Watermaster Board in September 2013 and filed with the Court in October 2013. In December 2013, the Court approved the 2013 RMPU except for Section 5, which dealt with the accounting for new recharge from Municipal Separate Stormwater Sewer Systems; Section 5 was later approved by the Court in April 2014.

In September 2018, Watermaster completed the 2018 Recharge Master Plan Update (2018 RMPU) and submitted it to the Court in October 2018. On December 28, 2018, the Court approved the 2018 RMPU. The next Recharge Master Plan Update will be completed no later than October 2023.



2013 RMPU Implementation. Watermaster and the IEUA are continuing to carry out the October 2013 Court Order, which authorizes them to implement the 2013 RMPU. Construction of the San Sevaine Basin improvements was completed in September 2018 and the construction of the Victoria Basin improvements was completed in December 2018. During this reporting period, the permits for construction of the Wineville/Jurupa/RP3 Basins were obtained, and the contractor submittals for the Lower Day project were reviewed in preparation to the start of construction. The design plans and specifications are being finalized, and required permits are being obtained for the Montclair Basins.

Optimum Basin Management Program

Program Element 2: Develop and Implement a Comprehensive Recharge Program (Continued)

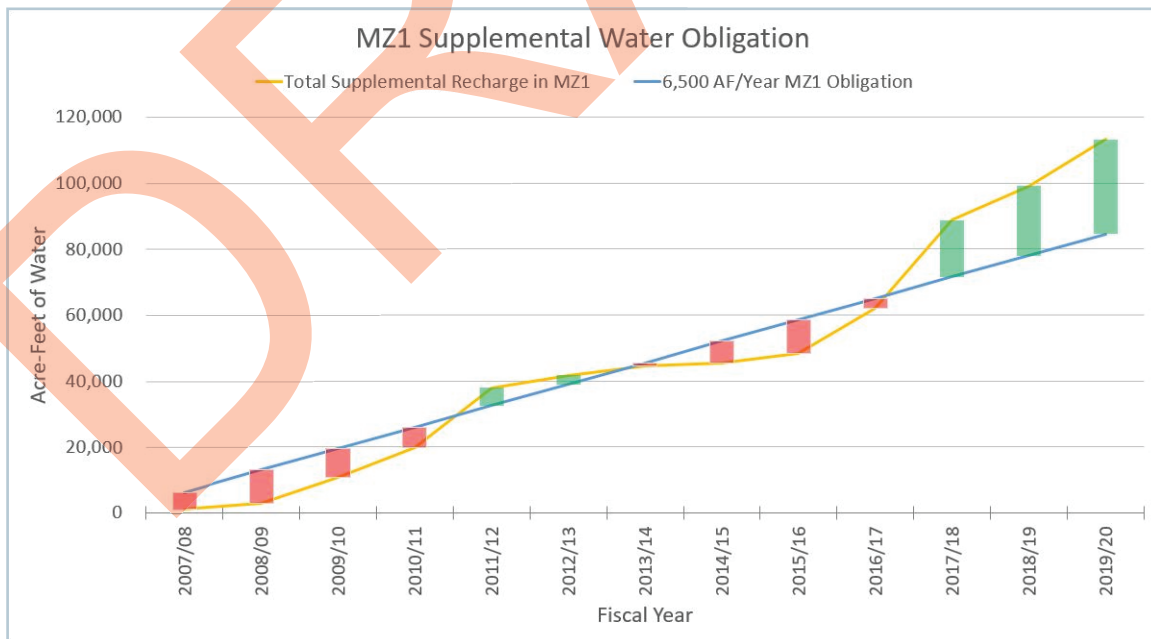
Additionally, Watermaster and the IEUA continued to develop a series of projects outside of the 2013 RMPU effort that will increase and/or facilitate stormwater and supplemental water recharge and have jointly funded these projects, including monitoring upgrades and habitat conservation. During this reporting period, the IEUA and Watermaster completed upgrades to the Supervisory Control & Data Acquisition (SCADA) system. Watermaster's share of the cost of these projects was included in the budget adopted by Watermaster for fiscal year 2019/20.

The Recharge Improvements Project Committee met twice during the reporting period on the progress of implementing the 2013 RMPU Projects and other recharge-related projects.

Recharge for Dilution of Recycled Water. In fiscal year 2009/10, Watermaster and the IEUA's recharge permit was amended to allow for existing underflow dilution and extended the period for calculating dilution from a running 60-month to a running 120-month period. Additionally, the IEUA has worked with the DDW to obtain approval to increase the allowable recycled water contribution (RWC) at wells to 50 percent. These permit amendments allow for increased recycled water recharge without having to increase the amount of imported and storm waters required for dilution. The IEUA projects its dilution requirements as part of its annual reporting to the DDW. Based on the latest Annual Report (May 2019), the IEUA projects that dilution requirements will be met through 2029 even if no imported water is available for dilution.

Recharge Activities. During this reporting period, ongoing recycled water recharge occurred in the Brooks, 7th Street, 8th Street, Ely, RP-3, Declez, Hickory, Banana, and Victoria Basins; stormwater was recharged at 18 recharge basins across all Chino Basin management zones; and imported water was recharged at the Upland, College Heights, Montclair, Lower Day, Etiwanda, San Sevaine, Jurupa, Hickory, and RP3 Basins. Watermaster and the IEUA recharged a total of 13,288 acre-feet of water: 5,660 acre-feet of stormwater, 6,117 acre-feet of recycled water, and 1,511 acre-feet of imported water.

Balance of Recharge and Discharge in MZ-1. The total amount of supplemental water recharged in MZ-1 since the Peace II Agreement through June 30, 2020 was approximately 113,150 acre-feet, which is about 28,650 acre-feet more than the 84,500 acre-feet required by June 30, 2020 (annual requirement of 6,500 acre-feet). The amount of supplemental water recharged into MZ-1 during the reporting period was approximately 2,065 acre-feet.



Optimum Basin Management Program

Program Element 3: Develop and Implement Water Supply Plan for the Impaired Areas of the Basin; and Program Element 5: Develop and Implement Regional Supplemental Water Program

As stated in the OBMP, “the goal of Program Elements 3 and 5 is to develop a regional, long range, cost effective, equitable, water supply plan for producers in the Chino Basin that incorporates sound basin management.” One element of the water supply plan is the development of a way to replace the decline in groundwater production to prevent significant amounts of degraded groundwater from discharging to the Santa Ana River and violating the Basin Plan. Replacing the decline in agricultural groundwater production will mitigate the reduction of the Safe Yield of the basin and allow for more flexibility in the basin’s supplemental water supplies if the produced groundwater is treated. This is achieved through the operation of the Chino Basin Desalter facilities, which comprise a series of wells and treatment facilities in the southern Chino Basin that are designed to replace the decline in production of the agricultural groundwater producers and to treat and serve this groundwater to various Appropriative Pool members.

The Chino I Desalter Expansion and the Chino II Desalter facilities were completed in February 2006. As currently configured, the Chino I Desalter produces about 13,500 acre-feet of groundwater per year (12.1 million gallons per day [MGD]) at 15 wells (I-1 through I-15). This water is treated through air stripping (volatile organic compound [VOC] removal), ion exchange (nitrate removal), and/or reverse osmosis (for nitrate and TDS removal). The Chino II Desalter produces about 15,800 acre-feet of groundwater per year (14.1 MGD) at eight wells (II-1 through II-4 and II-6 through II-9). This water is treated through ion exchange and/or reverse osmosis. Development and planning continue between the CDA and Watermaster to expand the production and treatment capacity of the Chino Desalters by about 10,500 acre-feet per year (9.5 MGD). More than \$77 million in grant funds have been secured toward this expansion.

The most recently completed expansion project included the construction of five wells for the new Chino Creek Well Field (CCWF): wells I-16, I-17, I-18, I-20, and I-21. These wells were constructed to meet the Hydraulic Control commitment associated with the maximum benefit (see the Program Element 7 update in this status report) and provide additional raw water to the Chino I Desalter. Production began at wells I-16 and I-17 in mid-2014 and at wells I-20 and I-21 in early 2016. Production at well I-17 ceased in late 2017 due to 1,2,3-trichloropropane (1,2,3-TCP) concentrations in excess of the newly adopted maximum contaminant level (MCL). Well I-18 is not planned for operation by the CDA due to high concentrations of VOCs.

The current expansion project includes adding three additional desalter wells. Wells II-10, II-11, and II-12 to provide additional raw water to the Chino II Desalter to meet the maximum-benefit commitment to produce a total of 40,000 acre-feet per year from the combined desalter well fields. These wells will also be utilized as part of the remediation action plan to clean up the South Archibald Plume (see the Program Element 6 update in this status report). Construction of wells II-10 and II-11 was completed in late-2015, equipping of the wells was completed in August 2018, and production at the wells commenced soon after.

Construction of a monitoring well near the well site for well II-12 was completed in 2019. The construction of a dedicated pipeline to convey groundwater from wells II-12, II-10, II-11, and the existing I-11 to the Chino II Desalter is in process. The overall project is anticipated to be operational by 2020.

During this reporting period, the CDA completed initiated the construction of well II-12.

Program Element 4: Develop and Implement a Comprehensive Groundwater Management Plan for Management Zone 1

Because of the historical occurrence of pumping induced land subsidence and ground fissuring in southwestern Chino Basin (Managed Area), the OBMP required the development and implementation of an Interim Management Plan (IMP) for MZ-1 that would:

- Minimize subsidence and fissuring in the short-term.
- Collect the information necessary to understand the extent, rate, and mechanisms of subsidence and fissuring.
- Formulate a management plan to reduce to tolerable levels or abate future subsidence and fissuring.

From 2001-2005, Watermaster developed, coordinated, and conducted an IMP under the guidance of the MZ-1 Technical Committee (referred to now as the Ground-Level Monitoring Committee or GLMC). The investigation provided enough information for Watermaster to develop Guidance Criteria for the MZ-1 producers in the investigation area that, if followed, would minimize the potential for subsidence and fissuring during the completion of the MZ-1 Plan. The Guidance Criteria included a listing of Managed Wells and their owners subject to the criteria, a map of the so-called Managed Area, and an initial threshold water level (Guidance Level) of 245 feet below the top of the PA-7 well casing. The MZ-1 Summary Report and the Guidance Criteria were adopted by the

Optimum Basin Management Program

Program Element 4: Develop and Implement a Comprehensive Groundwater Management Plan for Management Zone 1 (Continued)

Watermaster Board in May 2006. The Guidance Criteria formed the basis for the MZ-1 Plan, which was approved by Watermaster in October 2007. The Court approved the MZ-1 Plan in November 2007 and ordered its implementation. Watermaster has implemented the MZ-1 Plan since that time, including the ongoing Ground-Level Monitoring Program (GLMP) called for by the MZ-1 Plan (refer to Program Element 1 update, see above).

The MZ-1 Plan states that if data from existing monitoring efforts in the so-called Areas of Subsidence Concern indicate the potential for adverse impacts due to subsidence, Watermaster will revise the MZ-1 Plan pursuant to the process outlined in Section 3 of the MZ-1 Plan. In early 2015, Watermaster prepared an update to the MZ-1 Plan, which included a name change to the 2015 Chino Basin Subsidence Management Plan and a Work Plan to Develop the Subsidence Management Plan for Northwest MZ-1 (Work Plan) as an appendix. The Chino Basin Subsidence Management Plan and the Work Plan were adopted through the Watermaster Pool process in July 2015.

The data, analysis, and reports generated through the implementation of the MZ-1 Plan, Chino Basin Subsidence Management Plan, and Work Plan are reviewed and discussed by the GLMC, which meets on a periodic basis throughout the year. The GLMC is open to all interested participants, including the Watermaster Parties and their consultants. During this reporting period, Watermaster undertook the following data analysis and reporting tasks:

- Conducted a GLMC meeting on March 5, 2020 to review the preliminary results of the Ground-Level Monitoring Committee for FY 2019/20 and the recommended scope and budget of the Ground-Level Monitoring Committee for FY 2020/21.
- Compiled the data (piezometric levels, pumping, and recharge data) for the time-period between March 2019 and March 2020 and began drafting the table and figures in support of the draft 2019/20 Annual Report of the Ground-Level Monitoring Committee.

Program Element 6: Develop and Implement Cooperative Programs with the Regional Water Quality Control Board, Santa Ana Region and Other Agencies to Improve Basin Management

Program Elements 6 and 7 are necessary to address the water quality management problems in the Chino Basin. During the development of the OBMP, it was identified that Watermaster did not have sufficient information to determine whether point and non-point sources of groundwater contamination are being adequately addressed, including the various Chino Basin contaminant plumes. With the Regional Board and other agencies, Watermaster has worked to address the following major point source contaminant plumes in the Chino Basin:

South Archibald Plume

In July 2005, the Regional Board prepared draft Cleanup and Abatement Orders (CAOs) for six parties who were tenants on the Ontario Airport with regard to the South Archibald TCE Plume. The draft CAOs required the parties to “submit a work plan and time schedule to further define the lateral and vertical extent of the TCE and related VOCs that are discharging, have been discharged, or threaten to be discharged from the site” and to “submit a detailed remedial action plan, including an implementation schedule, to cleanup or abate the effects of the TCE and related VOCs.” Four of the six parties (Aerojet-General Corporation, The Boeing Company, General Electric, and Lockheed Martin) voluntarily formed a group known as ABGL to work jointly on a remedial investigation. Northrop Grumman declined to participate in the group. The US Air Force, in cooperation with the US Army Corps of Engineers, funded the installation of one of the four clusters of monitoring wells installed by the ABGL Parties.

In 2008, Regional Board staff conducted research pertaining to the likely source of the TCE contamination and identified discharges of wastewater that may have contained TCE to the RP-1 treatment plant and associated disposal areas as a potential source. The Regional Board identified several industries, including some previously identified tenants of the Ontario Airport property, that likely used TCE solvents before and during the early-1970s, and discharged wastes to the Cities of Ontario and Upland’s sewage systems and subsequently to the RP-1 treatment plant and disposal areas. In 2012, an additional Draft CAO was issued by the Regional Board jointly to the City of Ontario, City of Upland, and IEUA as the previous and current operators of the RP-1 treatment plant and disposal area (collectively, the RP-1 Parties). In part, the draft CAOs require that RP-1 Parties “supply uninterrupted replacement water service [...] to all residences south of Riverside Drive that are served by private domestic wells at which TCE has been detected at concentrations at or exceeding 5 µg/L [...]” and to report this information to the Regional Board. In addition, the RP-1 Parties are to “prepare and submit [a] [...] feasibility study” and “prepare, submit and implement the Remedial Action Plan” to mitigate the “effects of the TCE groundwater plume.”

Optimum Basin Management Program

Program Element 6: Develop and Implement Cooperative Programs with the Regional Water Quality Control Board, Santa Ana Region and Other Agencies to Improve Basin Management (Continued)

Under the Regional Board's oversight, the ABGL Parties and/or the RP-1 Parties conducted sampling at private residential wells and taps approximately every two years (2007-2008, 2009, 2011, 2013-2014) in the region where groundwater is potentially contaminated with TCE. By 2014, all private wells and/or taps in the region of the plume had been sampled at least once since 2007. Alternative water systems (tanks) have been installed at residences in the area where well or tap water contains TCE at or above 80% of the MCL for TCE. Residents who declined tank systems are being provided bottled water. Watermaster also routinely samples for water quality at private wells in the area and uses data obtained from this monitoring to delineate the spatial extent of the plume. The most recent characterization of the plume completed by Watermaster was in June 2019 for the 2018 State of the Basin Report. In April of this reporting period, Watermaster prepared a semi-annual status report on the South Archibald plume for Watermaster Parties.

In July 2015, the RP-1 Parties completed the Draft Feasibility Study Report for the South Archibald Plume (Feasibility Study). The Feasibility Study established cleanup objectives for both domestic water supply and plume remediation and evaluated alternatives to accomplish these objectives. In November 2015, a revised Draft Feasibility Study, Remedial Action Plan, and Responses to Comments were completed to address input from the public, the ABGL, and others. In September 2016, the Regional Board issued the Final CAO R8-2016-0016 collectively to the RP-1 Parties and the ABGL Parties. The Final CAO was adopted by all parties in November 2016, thus approving the preferred plume remediation and domestic water supply alternatives identified in the Remedial Action Plan. The parties also reached a settlement agreement that aligns with the Final CAO and authorizes funding to initiate implementation of the plume remediation alternative.

The plume remediation alternative involves the use of existing and proposed CDA production wells and facilities. The RP-1 Parties reached a Joint Facility Development Agreement with the CDA for the implementation of a project designed to remediate the South Archibald Plume. The proposed project, termed the Chino Basin Improvement and Groundwater Clean-up Project, includes the operation of three new CDA desalter wells (II-10, II-11, and II-12) and a dedicated pipeline connecting the three wells and the existing CDA well I-11 to the Desalter II treatment facility. Construction of two of the three wells were completed and became operational in 2018. In July 2018, the Regional Board approved an extension of imposed project deadlines in the Final CAO R8-2016-0016 for the RP-1 Parties. The deadlines included: (1) a well II-12 design report and its construction completed by September 2019 and July 2020 respectively; (2) a dedicated pipeline design report for the remaining portion of the pipeline and its construction completed by December 2018 and April 2020 respectively; and (3) a decarbonator modification design report and its construction completed by July 2019 and February 2020 respectively. During this reporting period: the CDA initiated the construction of well II-12; the IEUA submitted the well II-12 design report and the 90% equipping and specification plans to RWQCB; the CDA submitted the decarbonator modification final preliminary design report; and the Regional Board provided comments on well II-12 design plans, decarbonator modification report, and the raw water pipeline design report that were previously submitted during the last reporting period. In addition, the RP-1 Parties and the CDA continued coordinating with the Regional Board to prepare the *Monitoring and Reporting Plan the Chino Basin Improvement and Groundwater Clean-up Project*.

The domestic water supply alternative for the private residences affected by TCE groundwater contamination is a hybrid between the installation of tank systems for some residences, where water is delivered from the City of Ontario potable supply via truck deliveries, and the installation of a temporary pipeline to connect some residences to the City of Ontario potable water system. The Cities of Ontario and Upland have assumed responsibility for implementing the domestic water supply alternative. In February 2017, the Cities of Ontario and Upland submitted the Domestic Water Supply Work Plan to the Regional Board to outline the approach to monitoring and supplying alternative water supplies for affected residences. The City of Ontario has conducted four annual water supply sampling events at private residences pursuant to the Domestic Water Supply Plan. During this reporting period the Regional Board reviewed and submitted comments on the 2019 Annual Groundwater Monitoring Report for Private Water Supply Wells Sampling for the most recent annual sampling event that occurred at the end of 2019.

Chino Airport Plume

In 1990, the Regional Board issued CAO No. 90-134 to the County of San Bernardino, Department of Airports (County) to address groundwater contamination originating from Chino Airport. During 1991 to 1992, ten underground storage tanks and 310 containers of hazardous waste were removed, and 81 soil borings were drilled and sampled on the airport property. From 2003 to 2005, nine onsite monitoring wells were installed and used to collect groundwater quality samples. In 2007, the County conducted its first offsite monitoring effort, and in 2008, the Regional Board issued CAO No. R8-2008-0064, requiring the County to define the lateral and vertical extent of the plume and prepare a remedial action plan. From 2009 to 2012, Tetra Tech, consultant to the County, conducted several off-site plume characterization studies to delineate the areal and vertical extent of the plume and constructed 33 offsite monitoring wells. From 2013 to early-2015, Tetra Tech conducted an extensive investigation of several areas identified for additional

Optimum Basin Management Program

Program Element 6: Develop and Implement Cooperative Programs with the Regional Water Quality Control Board, Santa Ana Region and Other Agencies to Improve Basin Management (Continued)

characterization of soil and groundwater contamination; at the conclusion of this work, they constructed an additional 33 groundwater monitoring wells on and adjacent to the airport property. In August 2016, the County completed a Draft Feasibility Study to identify remedial action objectives and evaluate remediation alternatives for mitigation. In January 2017, the Regional Board issued CAO R8-2017-0011, which requires the County to prepare a Final Feasibility Study that incorporates comments from the Regional Board and to prepare, submit, and implement a Remedial Action Plan. The County submitted a Final Feasibility Study for Chino Airport on June 6, 2017, and it was approved by the Regional Board on June 7, 2017. On December 18, 2017, the County submitted the *Draft Interim Remedial Action Plan* for public review and comment through April 2018. The preferred remediation alternative is a groundwater pump-and-treat system to provide hydraulic containment and treatment of both the West and the East Plumes, originating from Chino Airport. The system consists of ten extraction wells that combined will produce approximately 900 gallons per minute of groundwater for onsite treatment using carbon adsorption. The system may also utilize CDA wells I-17 and I-18. Once treated, the preferred option is to discharge the treated groundwater to the CDA's Chino-I Desalter influent pipeline via a newly constructed pipeline. Currently the County is in discussions with the CDA to discharge the treated water from the extraction system to the CDA's influent pipeline.

In late 2018, Watermaster used the Chino Basin groundwater flow model to analyze how increased groundwater production for the remedial solution from the ten new well clusters and CDA wells I-17 and I-18 will affect groundwater levels within the vicinity. Watermaster has commitments to this area to maintain Hydraulic Control and to avoid impacts to the groundwater dependent habitat in the Prado Basin. Watermaster completed the modeling and prepared a technical memorandum to describe the results, which concluded operation of the remedial solution would improve Hydraulic Control in this area.

In 2018, the County constructed five production wells and 12 nearby piezometers and conducted aquifer pumping tests at these wells. The County also constructed eleven new monitoring wells at five locations to assist with the delineation of the plume. In late-2019 the County submitted a work plan to construct three additional monitoring wells in one location; the construction of these wells is anticipated for 2020. During this reporting, the County submitted the *Final Interim Remedial Action Plan* for the preferred remedial action to the Regional Board.

The County conducts quarterly and/or annual monitoring events at all 86 of their monitoring wells constructed to date. The conclusions from this monitoring program can be found in reports posted on the Regional Board's GeoTracker website. Watermaster also routinely samples for water quality at private and monitoring wells in the area and uses this and other data obtained from its data collection programs to independently delineate the spatial extent of the plume. Watermaster completed its most recent characterization of the plume in June 2019 for the 2018 State of the Basin Report. In April of this reporting period, Watermaster prepared a semi-annual status report on the Chino Airport Plume for Watermaster Parties. And, the County submitted, to the Regional Board, a *Semiannual Groundwater Monitoring Report Summer and Fall 2019 Chino Airport Groundwater Assessment, San Bernardino County, California*.

Other Water Quality Issues

Watermaster continues to track the monitoring programs and mitigation measures associated with other point sources in the Chino Basin, including: Alumax Aluminum Recycling, Alger Manufacturing Facility, the Former Crown Coach Facility, General Electric Test Cell and Flatiron, Former Kaiser Steel Mill, Milliken Landfill, Upland Landfill, and the Stringfellow National Priorities List sites. In October 2019, Watermaster prepared annual status reports for the GE Test Cell, GE Flatiron, Milliken Landfill, California Institution for Men, Stringfellow Plumes, and the former Kaiser Steel Mill site.

In June 2019, Watermaster completed the most current delineations of the extent of the VOC plumes for the GE Test Cell, GE Flatiron, Milliken Landfill, and so-called Pomona VOC Plumes as part of the 2018 Chino Basin OBMP State of the Basin Report.

Program Element 7: Develop and Implement a Salt Management Program

Maximum Benefit Salinity Management Plan

In January 2004, the Regional Board amended the Basin Plan to incorporate an updated total dissolved solids (TDS) and nitrogen (N) management plan. The Basin Plan amendment includes both "antidegradation" and "maximum benefit" objectives for TDS and nitrate-N for the Chino-North and Cucamonga groundwater management zones (GMZs). The maximum benefit objectives allow for the reuse and recharge of recycled water and the recharge of imported water without mitigation; these activities are an integral part of the OBMP. The application of the maximum-benefit objectives is contingent on Watermaster and the IEUA's implementation of specific

Optimum Basin Management Program

Program Element 7: Develop and Implement a Salt Management Program (Continued)

projects and requirements termed the maximum-benefit commitments. There are a total of nine commitments, and Watermaster and the IEUA report the status of compliance with each commitment to the Regional Board annually in April. Specific details of the commitments and related activities are described below.

Monitoring Programs. Two of the maximum-benefit commitments are to implement surface and groundwater monitoring programs. On April 15, 2005, the Regional Board adopted resolution R8-2005-0064, approving Watermaster and the IEUA's surface and groundwater monitoring programs. These monitoring programs were conducted pursuant to the 2005 work plan until 2012 when the Basin Plan was amended to remove all references to the specific monitoring locations and sampling frequencies required for groundwater and surface water monitoring. The Basin Plan amendment allows for the monitoring programs to be modified over time on a go-forward basis, subject to the approval of the Executive Officer of the Regional Board. The Basin Plan amendment was approved by the Regional Board on February 12, 2012 and by the State Office of Administrative Law on December 6, 2012. In the place of specific monitoring requirements, the Basin Plan amendment required that Watermaster and the IEUA submit a new surface water monitoring program work plan by February 25, 2012 and a new groundwater monitoring program work plan by December 31, 2013. In February 2012, Watermaster and the IEUA submitted, and the Regional Board approved, the new surface water monitoring program work plan. In December 2013, Watermaster and the IEUA submitted an updated *Maximum Benefit Monitoring Program Work Plan* (Work Plan) for approval, describing: the questions to be answered by the monitoring program, the methods that will be employed to address each question, the monitoring and data collection that will be performed to implement the methods, and a reporting schedule. The Work Plan was adopted by the Regional Board in April 2014. The monitoring pursuant to the Work Plan is incorporated as part of the groundwater level, groundwater quality, and surface water monitoring programs described in Program Element 1. During this reporting period, Watermaster continued implementing the monitoring programs (see Program Element 1 for details).

Hydraulic Control and Chino Desalters. One of the main maximum-benefit commitments is to achieve and maintain "Hydraulic Control" of the Chino Basin through the operation of the Chino Basin Desalters to protect downstream beneficial uses of the Santa Ana River. The Chino Basin Desalters are required to replace the diminishing agricultural production that previously prevented the outflow of high TDS and nitrate groundwater. Hydraulic Control is defined by the Basin Plan as the elimination of groundwater discharge from the Chino-North GMZ to the Santa Ana River or its reduction to a *de minimis* level. In October 2011, the Regional Board indicated that groundwater discharge from the Chino-North GMZ to the Prado Basin surface water management zone (PBMZ) in an amount less than 1,000 acre-feet per year is considered *de minimis*. Watermaster and the IEUA have demonstrated that complete Hydraulic Control has been achieved at and east of Chino-I Desalter Well 20. The construction and operation of the CCWF (see Program Element 5), which began in 2010, is intended to achieve Hydraulic Control, per the definition above, in the area west of Chino-I Desalter Well 5. And, the 2014 Work Plan states that Watermaster and the IEUA will recalibrate the Chino Basin groundwater flow model every five years and use it to estimate groundwater discharge from the Chino-North GMZ to the PBMZ (i.e. annual underflow past the CCWF) to determine whether Hydraulic Control has been achieved.

In February 2016, the CCWF commenced full-scale operation with production at wells I-16, I-17, I-20, and I-21. In late 2017, pumping from the CCWF well field declined because well I-17 ceased operation due to the presence of 1,2,3-TCP at concentrations in excess of the newly adopted MCL. During the reporting period, Watermaster used its updated and recalibrated groundwater model to estimate the volume of groundwater discharge from the Chino-North GMZ to the PBMZ under the reduced CCWF pumping conditions, and determined that both the historical and projected volume of groundwater discharge is below *de minimis* level of 1,000 acre-feet per year. These results are described in the 2019 Maximum Benefit Annual Report submitted to the Regional Board in April 2020.

Future agricultural groundwater production in the southern part of the basin is expected to continue to decline, necessitating future expansion of the desalters to sustain Hydraulic Control. In a letter dated January 23, 2014, the Regional Board required that by May 31, 2014, Watermaster and the IEUA submit a plan detailing how Hydraulic Control will be sustained in the future as agricultural production in the southern region of Chino-North continues to decrease—specifically, how the Chino Basin Desalters will achieve the required total groundwater production level of 40,000 acre-feet per year. On June 30, 2015, Watermaster and the IEUA submitted a final plan and schedule for the construction and operation of three new desalter wells (II-10, II-11, and II-12). During this reporting period, Watermaster coordinated with the CDA to track the construction progress of the desalter expansion facilities. A full status report on the desalter expansion facilities is described in Program Element 3.



Chino Desalter Well

Optimum Basin Management Program

Program Element 7: Develop and Implement a Salt Management Program (Continued)

Recycled Water Recharge. The maximum benefit commitments require Watermaster and the IEUA to construct and operate expanded facilities for the recharge of storm and recycled waters and to report on the quality of the individual and combined sources of water used for recharge. Commitment number 7 requires that the use of recycled water for artificial recharge be limited to the amount that can be blended on a volume-weighted basis with other sources of recharge to achieve five-year running average concentrations of no more than the maximum-benefit objectives (420 mg/l for TDS and 5 mg/l for nitrate-nitrogen). This data is compiled and analyzed each year for reporting to the Regional Board. During this reporting period, Watermaster and the IEUA continued their monitoring programs to collect the data required for analysis and reporting to the Regional Board. As of December 2019, the five-year volume-weighted TDS and nitrate-nitrogen concentrations of these three recharge sources were 262 and 1.7 mg/l, respectively. The five-year running averages have never exceeded the Basin Plan limits.

Recycled Water Quality. Commitment number 6 requires that recycled water quality be managed to ensure that the agency-wide, 12-month running average wastewater effluent quality does not exceed 550 mg/l and 8 mg/l for TDS and total inorganic nitrogen (TIN), respectively. Watermaster and the IEUA must submit a plan and schedule to the Regional Board for the implementation of measures to ensure long-term compliance with these limits when either the 12-month running average IEUA agency-wide effluent TDS concentration exceeds 545 mg/l for three consecutive months or the TIN concentration exceeds 8 mg/l in any one month. During 2015, a historical high 12-month running average IEUA agency-wide effluent TDS concentration of 534 mg/l was calculated for three consecutive months: June, July, and August. This 12-month running average IEUA agency-wide effluent TDS concentration of 534 mg/l was only 11 mg/l below the trigger. In Winter 2015, the increasing trend reversed, and by December 2016, the 12-month running average IEUA agency-wide effluent TDS concentration decreased to 504 mg/l. Through analysis of water supply and wastewater data, Watermaster and the IEUA concluded that drought conditions have a meaningful impact on the short-term TDS concentration of the water supplies available to IEUA agencies and that future droughts similar to the 2012-2016 period could lead to short-term exceedances of the 12-month running average IEUA agency-wide effluent TDS. For this reason, in October 2016, Watermaster and the IEUA petitioned the Regional Board to consider modifying the TDS compliance metric for recycled water to a longer-term averaging period. The Regional Board agreed that an evaluation of the compliance metric was warranted and directed Watermaster and the IEUA to develop a technical scope of work to support the adoption of a longer-term averaging period for incorporation into the Basin Plan. The proposed technical scope of work to support a Basin Plan amendment to revise the recycled water compliance metric was submitted to the Regional Board for approval in May 2017, and after approval, the work began in September 2017. As of December 2019, the 12-month running average IEUA agency-wide effluent TDS concentration was 471 mg/l.

Since the start of the work to support the Basin Plan amendment, the following has been accomplished:

- Completed the development of the proposed technical approach and planning assumptions for approval by the Regional Board.
- Completed the development of the planning data and a baseline planning scenario.
- Completed the development of computer codes (R4, HYDRUS 2D, MODFLOW, MT3D) and a process to automate the integration and running of them.
- Used the models to run and analyze the baseline scenario.
- Prepared an alternative methodology to address the fate and transport of TDS and nitrate in the vadose zone based on the results of the baseline model scenario.
- Prepared for and led four project status and technical review meetings with the Regional Board on February 22, 2018; May 31, 2018; December 10, 2018; and October 3, 2019.

During this reporting period, Watermaster and the IEUA worked on the model and planning scenario updates discussed with the Regional Board at the October 2019 workshop, completed two additional baseline planning scenario alternatives based on the updates, and performed a sensitivity analysis on the model results.

Ambient Groundwater Quality. Commitment number 9 requires that Watermaster and the IEUA recompute ambient TDS and nitrate concentrations for the Chino Basin and Cucamonga GMZs every three years (due by June 30). The re-computation of ambient water quality is performed for the entire Santa Ana River Watershed, and the technical work is contracted, managed, and directed by the Santa Ana Watershed Project Authority's (SAWPA) Basin Monitoring Program Task Force (Task Force). Watermaster and the IEUA have participated in each triennial, watershed-wide ambient water quality determination as members of the Task Force. During this reporting period, SAWPA completed the 2018 re-computation, covering the 20-year period from 1999 to 2018.

Optimum Basin Management Program

Program Element 8: Develop and Implement a Groundwater Storage Management Program; and Program Element 9: Develop and Implement a Storage and Recovery Program

Groundwater storage is critical to the Chino Basin stakeholders. The OBMP outlines Watermaster's commitments to investigate the technical and management implications of Local Storage Agreements, improve related policies and procedures, and then revisit all pending Local Storage Agreement applications.

The existing Watermaster/IEUA/MWDSC/Three Valleys Municipal Water District Dry Year Yield (DYY) program is the only Storage and Recovery Program that is being implemented in the Chino Basin. By April 30, 2011, all DYY program construction projects and a full "put" and "take" cycle had been completed, leaving the DYY storage account with a zero balance. Another DYY cycle began in June 2017. By June 30, 2020, the volume of groundwater in the DYY program account was 45,961 acre-feet.

Safe Yield Recalculation

The Basin's Safe Yield was initially set by the Judgment at 140,000 acre-feet per year. The Safe Yield was based on the hydrology for the period of 1965 through 1974. Pursuant to the Judgment, the Chino Basin Safe Yield is to be recalculated periodically but not for at least ten years following 1978.

Pursuant to the OBMP Implementation Plan and Watermaster's Rules and Regulations, in year 2010/11 and every ten years thereafter, Watermaster is to recalculate the Safe Yield. The 2011 Safe Yield recalculation began in 2011 and after significant technical and legal process, on April 28, 2017, the Court issued a final order, resetting the Safe Yield to 135,000 acre-feet per year.

In July 2018, Watermaster's Engineer began the technical work necessary for the Safe Yield recalculation for 2020 pursuant to the OBMP Implementation Plan utilizing the approved methodology in the April 28, 2017 Court Order. The Engineer compiled the necessary data, updated and recalibrated the groundwater-flow model of the basin, and updated the planned groundwater pumping and managed recharge projections.

In the current reporting period, Watermaster's Engineer completed the technical analysis to estimate net recharge and Safe Yield. This involved: conducting the January 27, 2020 peer review meeting that included the Judgment parties and their consultants; conducting outside peer review by Will Halligan of Luhdorff and Scalmanini, the former engineer for the Special Referee; distributing the draft 2020 Safe Yield Recalculation report for review; and presenting the draft report findings at the Pool committee meetings, Advisory committee meeting, Watermaster Board meeting, and a stakeholder workshop in April 2020. The final 2020 Safe Yield Recalculation report was submitted to Watermaster on May 14, 2020. Based on the final report, the Watermaster Board adopted recommendations to the Court to update the Safe Yield for the period 2021 through 2030. Watermaster legal counsel filed a brief that included the Board approved Watermaster's recommendations regarding the Safe Yield reset. A Court hearing was held on June 26, 2020 regarding Watermaster's recommendations to reset the Safe Yield. At that hearing, the Court did not take action on Watermaster's recommendations and rescheduled the hearing for July 10, 2020.

Groundwater Storage Management

Addendum to PEIR. The OBMP storage management plan was temporarily revised in March 2017. The original OBMP storage management program consists of managing groundwater production, replenishment, recharge, and storage such that the total storage within the basin would range from a low of 5,300,000 acre-feet to a high of 5,800,000 acre-feet. The following storage related definitions are included in the OBMP Implementation Plan:

- **Operational Storage Requirement** – The Operational Storage Requirement is the storage or volume in the Chino Basin that is necessary to maintain the Safe Yield. (Note: this is an average value with the storage oscillating around this value due to dry and wet periods in precipitation. The Operational Storage Requirement was estimated in the development of the OBMP to be about 5.3 million acre-feet. This storage value was set at the estimated storage in the basin in 1997.)
- **Safe Storage** – Safe Storage is an estimate of the maximum storage in the basin that will not cause significant water quality and high groundwater related problems. (Note: safe storage was estimated in the development of the OBMP to be about 5.8 million acre-feet.)
- **Safe Storage Capacity** – Safe Storage Capacity is the difference between Safe Storage and the Operational Storage Requirement. The allocation and use of storage space in excess of the Safe Storage Capacity will preemptively require mitigation: mitigation must be defined, and resources must be committed to mitigation prior to allocation and use.

Optimum Basin Management Program

Program Element 8: Develop and Implement a Groundwater Storage Management Program; and Program Element 9: Develop and Implement a Storage and Recovery Program (Continued)

Water occupying the Safe Storage Capacity includes Local Storage Account Water, Carryover Water, and water anticipated to be stored in future groundwater storage programs. This storage management program was evaluated in the OBMP programmatic environmental impact report (PEIR) in 2000.

Subsequent to the OBMP PEIR, Watermaster and the Watermaster Parties developed revisions to the OBMP based on: new monitoring and borehole data collected since 1998, an improved hydrogeologic conceptualization of the basin, new numerical models that have improved the understanding of basin hydrology since 2000, and the need to expand the Chino Basin Desalters (desalters) to the 40,000 acre-feet per year of groundwater production required in the OBMP Implementation Plan. These investigations included a recalculation of the total water in storage in the basin, based on the improved hydrogeologic understanding. The total storage in the Chino Basin for 2000 was estimated to be about 5,935,000 acre-feet.

The Peace II Agreement was negotiated by the Watermaster Parties to implement, among other things, the expansion of the desalters, the dedication of 400,000 acre-feet of groundwater in storage to desalter replenishment, and changes in the Judgment to implement the Peace II Agreement. However, there was no change to the storage management plan in the OBMP Implementation Plan even though the revised storage estimated for 2000 was greater than the Safe Storage, and the implementation of the Peace II Agreement would result in 400,000 acre-feet of new controlled overdraft. The IEUA completed and subsequently adopted a supplemental environmental impact report for the Peace II Agreement in 2010.

There is a significant difference in what is known today regarding storage management and basin conditions compared to what was known in 2000 when the OBMP storage management plan was developed and evaluated in the PEIR. Watermaster and the IEUA proposed a temporary change in the Safe Storage Capacity, increasing it from 500,000 acre-feet to 600,000 acre-feet for the period July 1, 2017 through June 30, 2021. On March 15, 2017, the IEUA adopted an addendum to the 2000 PEIR, increasing the Safe Storage Capacity from 500,000 acre-feet to 600,000 acre-feet for the period July 1, 2017 through June 30, 2021. This temporary increase in Safe Storage Capacity was found to not cause material physical injury (MPI) and/or loss of Hydraulic Control, and it will provide Watermaster, with assistance from the parties, time to develop a new storage management plan and agreements to implement it.

Storage Framework Investigation. Watermaster staff, at the direction of the Watermaster Board, began an investigation to assess the groundwater basin response to the planned use of Managed Storage (storage space used by the Watermaster Parties that includes carryover, excess carryover, and local supplemental waters) and potential Storage and Recovery programs. In the prior reporting period, Watermaster updated its modeling tools and planning projections and subsequently completed an assessment of potential MPI for the Watermaster Parties' use of Managed Storage. In this work, it was determined that with the Watermaster Parties' projected future water use and pumping, the Parties would likely use up to 700,000 acre-feet of storage space for Managed Storage and the use of that storage space would not result in MPI through 2050. Watermaster staff evaluated the use of storage space in the range of 700,000 acre-feet to 1,000,000 acre-feet for potential Storage and Recovery programs. The results of this assessment were presented in three workshops in January, March, and May 2018. Watermaster staff documented this work in a draft report that was distributed to the Watermaster Parties in August 2018. Subsequently, Watermaster presented the entirety of the work at a September 2018 workshop, addressed all of the Watermaster Parties' comments, and submitted a final report to the Watermaster in October 2018.

2020 Storage Management Plan. During the period June through December 2019, Watermaster staff and consultants conducted a process with the Watermaster parties and Board to develop the 2020 Storage Management Plan (2020 SMP) that would update the SMP currently included in the OBMP implementation plan. In that effort Watermaster prepared a white paper that outlined the need and requirements of the 2020 SMP and presented it to the Watermaster Parties and other interested stakeholders in June 2019. Watermaster and its Engineer published a final SMP report on December 19, 2019.

2020 OBMP Update

OBMP implementation began in 2000. By 2019, many of the projects and management programs envisioned in the 2000 OBMP have been implemented. The understanding of the hydrology and hydrogeology of the Chino Basin has improved since 2000, and new water-management issues have been identified that necessitate that the OBMP be adapted to protect the collective interests of the Watermaster Parties and their water supply reliability. For these reasons, the Watermaster Parties are preparing a 2020 OBMP Update to set the framework for the next 20 years of basin-management activities.

Optimum Basin Management Program

Program Element 8: Develop and Implement a Groundwater Storage Management Program; and Program Element 9: Develop and Implement a Storage and Recovery Program (Continued)

During 2019, Watermaster convened a collaborative stakeholder process to prepare the 2020 OBMP Update, similar to that the process employed for the development of the 2000 OBMP. A series of eight stakeholder “Listening Sessions” were held by the Watermaster to obtain information, ideas, and feedback from the Chino Basin stakeholders to define their issues needs and wants, their collective goals for the 2020 OBMP Update, the impediments to achieving the goals, and the management actions required to remove the impediments.

The final 2020 OBMP Scoping Report (Scoping Report) was published in November 2019 to document the results of the first four Listening Sessions. The Scoping Report summarized (1) the need to update the OBMP, (2) the issues, needs, and wants of the stakeholders, (3) the goals for the 2020 OBMP Update, and (4) the recommended scope of work to implement seven stakeholder-defined basin-management activities that could be included in the 2020 OBMP Update.

Through the listening session process, it became apparent that the 2000 OBMP goals remain unchanged, and the nine Program Elements (PEs) defined in the 2000 OBMP are still relevant today as the overarching program elements of a basin management program. Each of the seven activities in the Scoping Report had objectives and tasks that were directly related to one or more of the 2000 OBMP PEs. Based on this finding, the nine PEs defined in the 2000 OBMP are being retained for the 2020 OBMP Update. Each of the seven activities were mapped to one of the existing PEs.

In December 2019, the Watermaster published the draft 2020 OBMP Update Report, which described (1) the 2020 OBMP Update process, (2) the OBMP goals and new activities for the 2020 OBMP Update, (3) the status of the OBMP PEs and ongoing activities within them, and (4) the recommended 2020 OBMP management plan – inclusive of ongoing and new activities. The management plan will form the foundation for the Watermaster Parties to develop a 2020 OBMP Implementation Plan and the agreements necessary to implement it.

In January 2020, the 2020 OBMP Update Report was finalized. On March 2, 2020, Watermaster convened a series of “Drafting Sessions” with the Watermaster Parties to develop a 2020 OBMP Implementation Plan Update and an agreement to implement it. Due to the COVID-19 Pandemic, the Chino Basin parties requested that the Drafting Sessions be put on hold. The Drafting Sessions are anticipated to resume in August 2020.

Additionally, in January 2020, the Watermaster and IEUA (as the lead agency) began preparing a new environmental documentation (SEIR) to support the OBMP Update. The updated SEIR will support decision-making, investment, and grant applications for ongoing and new management actions under the OBMP. The hearing to certify the SEIR will be held later in 2020.



OBMP Update Implementation Plan Drafting Orientation Session, March 2, 2020

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

PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: September 17, 2020

TO: Advisory Committee

SUBJECT: Application: Water Transaction – West End Consolidated Water Company to Golden State Water Company (Consent Calendar Item I.D.)

SUMMARY:

Issue: The purchase of 66.4 acre-feet of water from West End Consolidated Water Company by Golden State Water Company. This purchase is made from West End Consolidated Water Company's Excess Carryover Account. Golden State Water Company is utilizing this transaction to produce its West End Consolidated Water Company shares.

Recommendation: Recommend to the Watermaster Board to approve the proposed transaction.

Financial Impact: None

Future Consideration

Advisory Committee – September 17, 2020: Advice and assistance.

Watermaster Board – September 24, 2020: Approval (within WM Duties and Powers).

ACTIONS:

Appropriative Pool – August 13, 2020: Unanimously recommended Advisory Committee to recommend to the Watermaster Board to approve.

Agricultural Pool – August 13, 2020: Unanimously recommended Advisory Committee to recommend to the Watermaster Board to approve.

Non-Agricultural Pool – August 14, 2020: Unanimously recommended its representatives to support at Advisory Committee and Watermaster Board subject to changes they deem appropriate.

Advisory Committee – September 17, 2020:

Watermaster Board – September 24, 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 August 7, 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 Golden State Water Company is utilizing this transaction to produce its West End Consolidated Water Company shares.

All three Pool Committees unanimously recommended Advisory Committee approval at their August 13 and 14, 2020 meetings respectively.

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 20 19 - 20 20

DATE REQUESTED: June 18, 2020

AMOUNT REQUESTED: 66.4 Acre-Feet

TRANSFER FROM (SELLER / TRANSFEROR): <u>West End Consolidated Water Company</u> Name of Party <u>1370 N. Benson Avenue</u> Street Address <u>Upland</u> <u>CA</u> <u>91786</u> City State Zip Code <u>(909) 291-2931</u> Telephone _____ Facsimile	TRANSFER TO (BUYER / TRANSFEREE): <u>Golden State Water Company</u> Name of Party <u>630 E. Foothill Blvd. Attn: AP-R3</u> Street Address <u>San Dimas</u> <u>CA</u> <u>91733</u> City State Zip Code <u>(909) 934-1382</u> Telephone _____ 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 85/16 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? Is the water being placed into the Buyer's Annual Account? Yes No
Yes No

IF WATER IS TO BE TRANSFERRED FROM STORAGE:

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:

Margarita Well _____

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:

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

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?

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

Benjamin Lewis, General Manager

Buyer / Transferee Representative Name (Printed)

TO BE COMPLETED BY WATERMASTER STAFF:

DATE OF WATERMASTER NOTICE: _____

DATE OF APPROVAL FROM APPROPRIATIVE POOL: _____

DATE OF APPROVAL FROM NON-AGRICULTURAL POOL: _____

DATE OF APPROVAL FROM AGRICULTURAL POOL: _____

HEARING DATE, IF ANY: _____

DATE OF ADVISORY COMMITTEE APPROVAL: _____

DATE OF BOARD APPROVAL: _____

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)

Eva G. Tang
Digitally signed by Eva G. Tang
 DN: cn=Eva G. Tang, o=Golden State Water Company,
 ou=5VP-Finance, Chief Financial Officer & Secretary,
 email=egtang@gswater.com, c=US
 Date: 2020.07.29 09:26:59 -07'00'

Buyer / Transferee Representative Signature

Eva Tang-Sr. Vice President, Finance, CFO, Secretary
Buyer / Transferee Representative Name (Printed)


Digitally signed by prowley
 DN: cn=prowley
 Date: 2020.07.29 10:54:04 -07'00'

Buyer/Transferee Representative Signature

Paul J. Rowley - VP, Water Operations
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:

August 7, 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: **August 7, 2020**

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

- Notice of Sale or Transfer –The purchase of 66.4 acre-feet of water from West End Consolidated Water Company by Golden State Water Company. This purchase is made from West End Consolidated Water Company’s Excess Carryover Account. Golden State Water Company 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: August 13, 2020

Agricultural Pool: August 13, 2020

Non-Agricultural Pool: August 14, 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: LOCAL STORAGE AGREEMENTS -
APPROPRIATIVE POOL



CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: September 17, 2020
TO: Advisory Committee
SUBJECT: Application: Local Storage Agreements – Appropriative Pool
(Consent Calendar Item I.E.)

SUMMARY:

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

Recommendation: Recommend to the Watermaster Board to approve the proposed agreements.

Financial Impact: None

Future Consideration

Advisory Committee – September 17, 2020: Advice and assistance.

Watermaster Board – September 24, 2020: Approval (within WM Powers and Duties).

ACTIONS:

Appropriative Pool – December 12, 2019: Unanimously recommended Advisory Committee approval.

Non-Agricultural Pool – December 12, 2019: Unanimously recommended its representatives to support at Advisory Committee and Watermaster Board subject to changes they deem necessary.

Agricultural Pool – December 12, 2019: The Agricultural Pool declined to take a position, neither oppose nor recommend approval at the Advisory Committee meeting.

Advisory Committee – September 17, 2020:

Watermaster Board – September 24, 2020:

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

BACKGROUND

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

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

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

DISCUSSION

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

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

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

The application for local storage agreements was unanimously supported by the AP and Non-Agricultural Pools at their December 12, 2020 meetings. During its December 12, 2019 meeting the Agricultural Pool (OAP) declined to take a position, neither opposing nor recommending approval by the Advisory Committee. The AP submitted its application for both Excess Carryover and Supplemental stored water accounts. In light of the ongoing OAP Contest pertaining to the applications for storage agreements for Excess Carryover accounts, only the storage agreement applications for AP Local Supplemental stored water accounts are presented to the Advisory Committee at this time, to recommend Watermaster Board approval at its September 24, 2020 meeting.

ATTACHMENTS

1. Form 1 – Application for Local Storage Agreement
2. Notice of Application for Local Storage Agreements as noticed on December 6, 2019 (click on link below to access): <https://cbwm.synctool.com/shares/file/qNd9hdWWgx8/?modal=1>

APPLICATION FOR LOCAL STORAGE AGREEMENT

APPLICANT

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

Name of Party

Various

Street Address

Various

City

CA

State

Various

Zip Code

Telephone: Various

December 3, 2019

Date Requested

Date Approved

Amount shown in 2019-20 Assessment Package Acre-feet

Amount Requested

Acre-feet

Amount Approved

TYPE OF WATER TO BE PLACED IN STORAGE

- Excess Carry Over, Local Supplemental or Imported, Both

PURPOSE OF STORAGE - Check all that may apply

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

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

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

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

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

WATER QUALITY AND WATER LEVELS

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

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

MATERIAL PHYSICAL INJURY

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

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?

ADDITIONAL INFORMATION ATTACHED

Yes [] No []

Various

Applicant

TO BE COMPLETED BY WATERMASTER:

DATE OF APPROVAL FROM NON-AGRICULTURAL POOL: _____

DATE OF APPROVAL FROM AGRICULTURAL POOL: _____

DATE OF APPROVAL FROM APPROPRIATIVE POOL: _____

HEARING DATE, IF ANY: _____

DATE OF ADVISORY COMMITTEE APPROVAL: _____

DATE OF BOARD APPROVAL: _____ Agreement # _____

FORM 1 - TABLE A

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

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

Storage Agreements as noticed on December 6, 2019

(click on link below to access):

<https://cbwm.syncedtool.com/shares/file/qNd9hdWWgx8/?modal=1>

CHINO BASIN WATERMASTER

II. BUSINESS ITEMS

A. 2020 OBMP CEQA – INCREASED SCOPE OF WORK



CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: September 17, 2020
TO: Advisory Committee
SUBJECT: 2020 Optimum Basin Management Program CEQA – Increased Scope of Work (Business Item II.A.)

SUMMARY:

Issue: During the August Pool Committee meetings, the Committees discussed the potential increased scope of work associated with the revision and recirculation of the 2020 Optimum Basin Management Program Update Final Subsequent Environmental Impact Report (SEIR). During those meetings and the August Advisory Committee meeting, certain parties suggested that the OBMP Update process, including CEQA review, might be sequenced to first narrowly address the impending expiration of the 2017 Addendum and allow the Parties to continue to store water through Local Storage, while honoring the contractual obligation associated with the DYY Program. During the September 1, 2020 OBMP Update workshop, support was expressed for implementation of a solution to the Local Storage Limitation first, before proceeding with the entire 2020 OBMP and its CEQA review.

Recommendation: Recommend to the Watermaster Board to expand the WEI, TDA, and BHFS scope of work, as necessary, to implement the Local Storage Limitation Solution first.

Financial Impact: The expanded scope of work will require a budget amendment of \$267,000. A budgeted amendment is being brought forward for Advisory Committee approval as a separate item on this agenda (refer to Business Item II.B.).

Future Consideration

Advisory Committee – September 17, 2020: Advice and assistance

Watermaster Board – September 25, 2020: Approval. (Normal Course of Business)

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: Provided advice and assistance

Watermaster Board – August 25, 2020: Information only

Appropriative Pool – September 10, 2020: Unanimously recommended Advisory Committee to support budget amendment for the Local Storage Limitation Solution first and requested Watermaster staff to provide regular updates.

Agricultural Pool – September 10, 2020: The Agricultural Pool unanimously recommended that the Advisory Committee support an effort necessary to implement a Local Storage Limitation Solution first. The Agricultural Pool support is conditioned upon a storage implementation plan and amendment to the Peace Agreement that addresses the Pool's concerns regarding inadequate storage management. These concerns regarding storage have been consistently expressed since 2014 and are the subject of the pending contest.

Non-Agricultural Pool – September 11, 2020: Unanimously moved to approve the Local Storage Limitation Solution first and to direct the Pool representatives to support at the Advisory Committee and Watermaster Board meetings subject to any changes which they deem appropriate.

Advisory Committee – September 17, 2020:

Watermaster Board – September 25, 2020:

BACKGROUND

The 2020 OBMP Update is a multi-stakeholder collaborative process to bring the 20-year old Program 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, and include actions that help achieve Basin management objectives. To implement the actions identified through this process, the OBMP Update requires environmental review pursuant to the California Environmental Quality Act (CEQA), in which IEUA is acting as the lead agency for the project since the Peace Agreement and the Peace II Agreement established that IEUA would serve as the lead agency for the OBMP PEIR and the 2001 Supplemental EIR.

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 expense associated with the revision and recirculation option was presented to the three Pools for advice and assistance in August, with the expectation that it would be brought back again for further advice and assistance in September.

The item was also presented to the Advisory Committee, where some parties expressed interest in exploring a Local Storage Limitation Solution to be considered first before the entire 2020 OBMP Update and asked for Watermaster to present options. On September 1, 2020, Watermaster hosted a workshop to present Watermaster's preliminary analysis about the feasibility of a Local Storage Limitation Solution.

At the September Pool Committee Meetings all three Pool Committees unanimously recommended that Watermaster should proceed with the Local Storage Limitation Solution first.

DISCUSSION

To advance a solution for the Local Storage Limitation at this time, further modeling analysis and CEQA analysis will need to be conducted by WEI and TDA; the expected cost for WEI and TDA is \$182,000 and \$60,000 respectively, assuming that the WEI analysis indicates an Addendum would be adequate. WEI estimates it will complete its analysis by December 2020, and if at the end of the analysis it is determined that an Addendum is sufficient, TDA estimates the Addendum could be presented to the IEUA Board for consideration at the latest by May 2021.

If the analysis concludes that an Addendum is not adequate and a Mitigated Negative Declaration or SEIR is necessary, Watermaster will propose a further budget amendment to complete the additional work. Anticipated legal support from BHFS is estimated at \$25,000. The total budget amendment for the Local Storage Limitation Solution is \$267,000.

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

In light of the Parties' preference to proceed with a solution narrowly focused on the Local Storage Limitation first and the remainder of the 2020 OBMP CEQA later, it should be noted that there will likely be separate expenses for additional WEI work and TDA work, to redo the modeling work using the 2020 CVM and incorporate the results in a revised SEIR. At this time, it is unclear how the estimated expenses for completion of the 2020 OBMP would be affected.

ATTACHMENTS

1. TDA revised Scope of Work for Local Storage Limitation Solution
2. WEI revised Scope of Work for Local Storage Limitation Solution

TOM DODSON & ASSOCIATES

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MEMORANDUM

September 1, 2020

From: Tom Dodson

To: Mr. Peter Kavounas

Subj: Proposal / Scope of Work for the Local Storage Limit Solution CEQA Compliance and
Scope of Work/Budget Amendment for the Optimum Basin Management Program
Update CEQA Compliance

LOCAL STORAGE LIMIT SOLUTION

After the workshop on September 1, 2020, TDA believes that we understand the task that the Chino Basin Watermaster (Watermaster) and Watermaster Stakeholders (Stakeholders) are looking to execute. The Watermaster, along with the other water management agencies in the Chino Basin, seek to implement a Local Storage Limit Solution, which will enable the parties to increase storage within the local limits to be defined by WEI before the June 2021 deadline. Tom Dodson & Associates (TDA) has been asked to submit this proposal to assist the Project Team with California Environmental Quality Act (CEQA) compliance by preparing CEQA documentation appropriate to the Local Storage Limit Solution Project. However, given that the Local Storage Limit Solution Project has not been defined, we are proposing to provide a scope of work and correlating cost estimates for a variety of applicable methods by which to comply with CEQA. This path allows the Watermaster and Stakeholders to understand the costs as they relate to the Project once defined sufficiently in coordination with WEI and stakeholders.

We have allocated substantial time to defining the proposed Project, to be coordinated closely with the WEI, Watermaster staff, and Stakeholders. We have also allocated substantial time to Project management, as, in our experience, we may need ample time to attend meetings and manage the Project as it is defined and to determine the appropriate path to CEQA Compliance.

Scope of Work

The following task will be undertaken regardless of the required CEQA Path:

Task A: Project Management, Meetings, and Project Description

TDA will attend meetings with the Watermaster/Project Team and consultant engineering representatives to develop a comprehensive definition of the Project that will be used to forecast impacts in the applicable CEQA documentation. Based on our discussions, I expect the Project Team will provide the basic documentation that will define the Local Storage Limit Solution (a forthcoming report by WEI). In all cases TDA will be acting as an environmental consultant on

behalf of the Watermaster to perform the independent review of the Project required by CEQA. The end-product of this task is compilation of a Project Description that will be provided to the Project Team and engineers to review and edit. Based on feedback from this review, TDA will finalize the Project Description.

Based on TDA's experience, a Project Description that clearly defines the proposed increase in storage is essential information required to describe the physical changes in the environment that will occur from implementing the proposed Project. A draft Project Description can be submitted to all parties for review within a week or so following receipt of all of the elements to be considered for the Project. The number of hours allocated to meetings and Project management over the whole of this Project is about 200 hours. The total work effort assigned to the Project Description task is 50 hours. The fee for about 200 hours dedicated to meetings and Project management is \$27,500. This is a T&M fee that includes direct costs. The fee for the Project Description \$7,500. The total fee for Task A is \$35,000.

CEQA Path 1

Task B(1): Addendum as a Path to CEQA Compliance

TDA believes that the most likely path to accomplish the Local Storage Limit Solution is an Addendum if:

- (a) No new mitigation measures beyond those identified in the 2000 OBMP EIR are required to implement the Project;
- (b) No new significant impacts would occur from Project implementation; and
- (c) The Project meets the provisions of CEQA Statute 15164 and thereby none of the conditions described in Section 15162 calling for preparation of a subsequent EIR or negative declaration, including those listed under (a) and (b), above, have occurred. TDA will work with Watermaster and their legal representatives to determine whether the Project meets the criteria for an Addendum.

TDA would utilize the Project Description prepared under Task A as the basis from which to draft an Addendum. An Addendum would rely on a concrete analysis of the potential impacts of increased storage on the Basin. This analysis is assumed to be prepared by WEI, and would need to confirm that skinny storage can be accommodated without resulting in MPI or other undesirable results/adverse impacts on the Basin. The resulting report by WEI would be utilized as the foundation upon which to prepare an Addendum to the 2000 OBMP. The work effort by TDA to complete an Addendum would be about 75-100 work hours, equal to about \$10,000. Additionally, TDA foresees that technical studies may be required to address Air Quality, Energy, and Greenhouse Gas due to the assumed increase in use of existing facilities within the Basin to manage the increased volume of water. The cost to complete these technical studies is anticipated to be about \$20,000. Therefore, the total fee for Task B(1) is \$30,000.

The time required to complete this task is dependent on how quickly we can agree on the scope of the Project, and how quickly WEI can model the defined Project. I estimate that we could complete an Addendum by, at the earliest, February of 2021, and at the latest, May of 2021.

CEQA Path 2

Task B(2): Mitigated Negative Declaration as a Path to CEQA Compliance

Should the Project require mitigation to address impacts to the Basin from the Local Storage Limit Solution, or otherwise meet the criteria for preparation of a subsequent negative declaration under CEQA, TDA would prepare an Initial Study/Mitigated Negative Declaration (IS/MND) for the Local

Storage Limit Solution. An IS/MND would be appropriate should we believe that any significant impacts that would occur from implementing the Local Storage Limit Solution Project can be mitigated to below significance thresholds (to a level of less than significant). As discussed under Task B(1), an MND would utilize the Project Description prepared under Task A, and would utilize a report prepared by WEI that analyzes the potential impacts of increased storage on the Basin. This report by WEI would be utilized as the foundation upon which to prepare an MND. TDA assumes that we can utilize much of what was prepared for the OBMPU as a basis from which to start a Project level analysis of increased storage within the Basin. The work effort by TDA to complete an IS/MND for a Project of this scope, develop the IS/MND with a well-rounded analysis of the 21 CEQA topics would require about 250 work hours from TDA, equal to about \$35,000. Additionally, TDA foresees that technical studies will be required to address Air Quality, Energy, and Greenhouse Gas due to the assumed increase in use of existing facilities within the Basin to manage the increased volume of water. The cost to complete these technical studies is anticipated to be about \$20,000. Therefore, the total fee for Task B(1) is \$55,000. This fee includes:

- a. Distribution of the MND for public review (30 days), including preparation of Notice of Completion, Notice of Availability, and Notice of Intent.
- b. Responses to comments on the MND
- c. Preparation of a Mitigation Monitoring and Reporting Program
- d. Compilation of a Final MND package for the IEUA Board's consideration (CEQA adoption)
- e. Preparation and filing of a Notice of Determination (NOD) and MND with the County and State on behalf of the Watermaster.

The time required to complete this task is dependent on how quickly we can agree on the scope of the Project, and how quickly WEI can model the defined Project. I estimate that we could complete an IS/MND by, at the latest, May of 2021.

CEQA Path 3

Task B(3): Environmental Impact Report as a Path to CEQA Compliance

TDA does not believe that the Local Storage Limit Solution Project will result in significant impacts to the Basin; however, an EIR may be selected as the best path forward to meet the needs of Watermaster and Stakeholders, as an EIR would contain a more detailed impact analysis than an Addendum or an MND and can address unavoidable significant impacts, if any were to be identified. Preparation of an EIR may be advised where a given Project may be controversial.

As discussed under Task B(1), an EIR would utilize the Project Description prepared under Task A, and would utilize a report prepared by WEI that analyzes the potential impacts of increased storage on the Basin. This report by WEI would be utilized as the foundation upon which to prepare an EIR.

Should an EIR be selected as the path to CEQA Compliance, TDA assumes the following scope of work:

1. **Prepare the Initial Study and Notice of Preparation:** TDA will prepare an Initial Study with the objective of identifying those issues that are either less than significant without mitigation (such as mineral resources) or can be clearly mitigated to a less than significant impact level (aesthetics). We will utilize the current CEQA Initial Study Checklist Form provided in the State CEQA Guidelines, which requires the analysis of 21 topics. Based on the approved Initial Study (a document ready for public distribution and review), TDA

will prepare a Notice of Preparation (NOP) to announce the Watermaster's intent to prepare a focused EIR for compliance with CEQA. TDA foresees that technical studies will be required to address Air Quality, Energy, and Greenhouse Gas due to the assumed increase in use of existing facilities within the Basin to manage the increased volume of water. During the period in which TDA drafts the Initial Study and NOP, these technical studies will begin being drafted. The cost to complete these technical studies is anticipated to be about \$20,000. The estimated fee for carrying out this task is:

- a. \$40,000 (about 300 hours at TDA's standard rate) and \$20,000 for technical studies for a total of \$60,000.

The end product of this effort will be a final decision on the scope of the Focused EIR and a set of responses that will identify the concerns of the various Stakeholders in the Basin.

2. **Prepare Draft Focused EIR:** During the 30-day period that the IS/NOP are out for public review, TDA will finalize a draft Focused EIR. A draft of this document will be presented to the Project Team internal for review and comment. The input will be incorporated into the draft Focused EIR and the document finalized and then published as soon after the NOP close of comment date as possible. The estimated fee for carrying out this task is:

- a. \$35,000 (about 250 hours at TDA's standard rate)

3. **Complete the CEQA Process with the EIR:** The following steps will be implemented to complete the CEQA review process:

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

- a. TDA estimates that the above effort under Task 5 will require up to 215 hours plus the NOD filing fee with San Bernardino County for a total fee of \$30,000.

The time required to complete this task is dependent on how quickly we can agree on the scope of the Project, and how quickly WEI can model the defined Project. I would estimate that we could complete an EIR by, at the earliest June of 2021 if we push extremely hard, but more realistically, it could take up to a year to define the Project and develop a comprehensive EIR. Under this circumstance, Watermaster may struggle to meet the June 2021 deadline to increase storage.

The total fee to complete the items included under Task B(3), inclusive of the required technical studies, is \$125,000. Based on our discussions, this proposal assumes no inordinate delays during review periods and no major issues of which we are presently unaware arising during the review process.

Conclusion

The total cost for each of the three paths above, inclusive of the effort outlined under Task A is as follows:

- CEQA Path 1 (Addendum): **\$65,000**
- CEQA Path 2 (MND): **\$90,000**
- CEQA Path 3 (EIR): **\$160,000**

TDA appreciates the opportunity to submit this proposal to Watermaster. Tom Dodson will oversee preparation and carry out all final editing of the document(s) prepared to support the Local Storage Limit Solution. The scope of work outlined above will lead to a fully substantiated CEQA environmental determination for the proposed Project over a period that is assumed to begin in late September 2020, and will conclude by June of 2021 at the latest depending on the CEQA path that is required to address impacts pertaining to the Local Storage Limit Solution Project.

OBMPU

Scope of Work/Budget Amendment

TDA was asked by Watermaster to put together a prospective budget for addressing the OBMPU at large, in addition to the Local Storage Limit Solution Project proposed above. Watermaster has the option to approve one or both of the proposed budgets. TDA is presenting this information with the understanding that ongoing management of accomplishing the OBMPU CEQA compliance is still, at this time, required.

Since our last budget amendment was presented to the Stakeholders on August 13, TDA has utilized a majority of our remaining budget to address the Local Storage Limit Solution and ongoing management of the OBMPU at large. Therefore, with very little budget remaining, TDA proposes that an additional (approximately) 575 hours of work effort will be required to address the OBMPU at large as we presently understand it. This work effort would enable Watermaster and IEUA to revise and recirculate the OBMPU. The revised OBMPU SEIR would incorporate comprehensive responses to the comments that were submitted during the public review period and prior to the IEUA Board Meeting on July 15, the most significant of which was a request to utilize the 2020 Chino Basin Model instead of relying on the 2017 model. Additionally, any other issues presented by the Stakeholders or Watermaster in the interim, can be addressed. Therefore, TDA proposes a budget of **\$82,500** to address ongoing management and completion of the OBMPU SEIR.

Should you have any questions regarding the above proposal, please feel free to give me a call.

Sincerely,



Tom Dodson



Scope of Work to Update the Storage Framework Investigation SFI First Managed Storage Band and to Support Associated CEQA Process

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 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) that included the First Managed Storage Band (FMSB).

During the period 2018 through mid 2020, Watermaster updated its groundwater model (2020 Chino Valley Model or CVM) 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 in July 2020. The 2020 CVM 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 OBMP). The 2020 OBMP includes the 2020 SMP. Starting in 2020, IEUA began the process of preparing CEQA documentation for the 2020 OBMP. Per direction from Watermaster, WEI prepared this proposal to determine the capacity of the FMSB based on updated water use and Safe Yield projections, and to use the CVM to evaluate storing water up to the FMSB capacity. Watermaster will use the results of this work to prepare CEQA documentation to increase the limit on the use of managed storage..

Scope of Work and Fee

There are three groups of tasks included in this proposal for each alternative and they are listed below with budget estimates to complete them.

Task Group		Alternative 1
1	Project Management and Meetings	\$22,000
2	Technical Work to Estimate MPI and Undesirable Results and Prepare Report	\$104,000
3	As-needed Assistance for CEQA Process	\$56,000
Total		\$182,000



Deliverables

The deliverables for Task Group 1 include project management activities and coordination meeting participation. The deliverable for Task Group 2 includes a draft and final report that tier off of the 2020 Safe Yield Recalculation report that includes an MPI and undesirable results assessment comparable to the assessment included in the 2018 SFI. The deliverable for Task 3 includes as-requested support to: prepare CEQA documentation, attend public meetings, respond to comments on the CEQA documentation and other as-requested support.

Schedule

Task Groups 1 and 3 are projected to occur over the entire duration of the project which is assumed to be seven months running from mid-September 2020 (assumed notice to proceed) through April 2021. Task Group 2 will commence upon notice-to proceed and be completed in three months.

CHINO BASIN WATERMASTER

II. BUSINESS ITEMS

B. FISCAL YEAR 2020/21 BUDGET AMENDMENT (FORM A-20-09-01)



CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: September 17, 2020
TO: Advisory Committee
SUBJECT: Fiscal Year 2020/21 Budget Amendment (Form A-20-09-01)
(Business Item II.B.)

SUMMARY

Issue: The increased scope of work associated with the 2020 Optimum Basin Management Program CEQA in the amount of \$267,000 was not budgeted for in the FY 2020/21 Budget. The Watermaster FY 2020/21 "Approved" budget needs to be increased by an additional \$267,000.

Recommendation: Approve FY 2020/21 Budget Amendment (Form A-20-09-01) as presented.

Financial Impact: This action will increase the overall "Approved" FY 2020/21 budget from \$9,207,955 to \$9,474,955, and increase of \$267,000. The Assessment calculation will be increased by the same amount, when the Assessment Package is approved in November 2020.

Future Consideration

Advisory Committee – September 17, 2020: Approval

Watermaster Board – September 24, 2020: Adoption (Advisory Committee approval required)

ACTIONS:

Advisory Committee – September 17, 2020:

Watermaster Board – September 24, 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

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

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

All budget amendments are processed and recorded in the accounting system.

DISCUSSION

As mentioned during the September 1, 2020 workshop, there are two options to move forward: one option is to prioritize the Local Storage Limitation Solution and conduct the necessary analysis and agreement amendments to implement. The second is to revise and recirculate the 2020 OBMP SEIR for IEUA's consideration in April 2021. During the September Pool meetings all three Pools unanimously recommended proceeding with the Local Storage Limitation solution first. As a result, Fiscal Year Budget Amendment (Form A-20-09-01) has been submitted.

To advance a solution for the Local Storage Limitation at this time, further modeling analysis and CEQA analysis will need to be conducted by WEI and TDA; the expected cost for WEI and TDA is \$182,000 and \$60,000 respectively, assuming that the WEI analysis indicates an Addendum would be adequate. WEI estimates it will complete its analysis by December 2020, and if at the end of the analysis it is determined that an Addendum is sufficient, TDA estimates the Addendum could be presented to the IEUA Board for consideration at the latest by May 2021.

If the analysis concludes that an Addendum is not adequate and a Mitigated Negative Declaration or SEIR is necessary, Watermaster will propose a further budget amendment to complete the additional work. Anticipated legal support from BHFS is estimated at \$25,000. The total budget amendment for the Local Storage Limitation Solution is \$267,000.

ATTACHMENTS

1. Fiscal Year 2020/21 Budget Amendment (Form A-20-09-01)



**CHINO BASIN WATERMASTER
BUDGET AMENDMENT FORM A-20-09-01**

To: **All Parties**

Fiscal Year 2020/21

From : Joseph S. Joswiak, CFO Date: September 17, 2020

Describe reason for the budget amendment here: The "Amended" budget for FY 2020/21 for \$9,207,955 (excluding any Carry-Over funding), did not include the amount of \$267,000 for the increased scope of work for the 2020 OBMP CEQA. A Budget Amendment Form is proposed to increase the total Watermaster FY 2020/21 budget from \$9,207,955 to \$9,474,955 (excluding any Carry-Over funding). The additional funding of \$267,000 will be included in the FY 2020/21 Assessment Package invoicing which usually is approved during the November time frame. No Special Assessment is required at this time to fund the Budget Amendment.

Expenditure Amendment

<i>Line Item Description</i>	<i>Account Number</i>	<i>Approved Budget</i>	<i>Amended Budget</i>	<i>Amendment Amount</i>
2020 OBMP Update - Engineering	6906.26	\$95,330	\$277,330	\$182,000
2020 OBMP Update - BHFS	6907.45	\$108,200	\$133,200	\$25,000
2020 OBMP Update - Dodson & Assoc.	6908.1	\$18,221	\$78,221	\$60,000
TOTAL:				\$ 267,000

Revenue Source

<i>Line Item Description</i>	<i>Account Number</i>	<i>Amended Budget</i>	<i>Approved Budget</i>	<i>Amendment Amount</i>
FY 2020/21 Assessment Package	9999	\$9,207,955	\$9,474,955	\$267,000
TOTAL:				\$ 267,000

Amendment Procedure

1. Staff takes amendment requests to the Pools, Advisory Committee & Board for approval.
2. The Chief Financial Officer will prepare and process the budget entry.
4. A log will be maintained by the Finance Department detailing the adjustment.
5. A fiscal year file will also be kept to hold all budget amendment forms for auditor review.

Finance Use Only

Date Board Approved _____
 Entered into System By _____
 Finance Log # _____
 Date Posted _____
 Approved By _____
 Date Approved _____

CHINO BASIN WATERMASTER

II. BUSINESS ITEMS

C. CONSIDERATION OF THE 2020 OPTIMUM BASIN MANAGEMENT PROGRAM UPDATE



CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: September 17, 2020
TO: Advisory Committee
SUBJECT: Consideration of the 2020 Optimum Basin Management Program Update
(Business Item II.C.)

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 adoption by the Watermaster Board.

Recommendation: Provide advice and assistance to the Watermaster Board.

Financial Impact: None

Future Consideration

Advisory Committee – September 17, 2020: Advice and assistance.

Watermaster Board – September 25, 2020: Adoption (Discretionary Function [OBMP])

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: Provided advice and assistance

Watermaster Board – August 25, 2020: Information only

Appropriative Pool – September 10, 2020: Provided advice and assistance

Agricultural Pool – September 10, 2020: Provided advice and assistance

Non-Agricultural Pool – September 11, 2020: Provided advice and assistance

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.

The item was also presented to the Advisory Committee in August 2020 and advice and assistance was provided.

At the September 2020 Pool Meetings, the item was presented to the three Pools and further advice and assistance was provided.

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.

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 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 Report (Click on this [link](#) to access)
2. Implementation Actions for the 2020 OBMP Update by Program Elements (2020 OBMP Exhibit 17)

II. BUSINESS ITEMS

C. 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
Program Element 1 - Develop and Implement Comprehensive Monitoring Program				
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	
Program Element 2 - Develop and Implement Comprehensive Recharge Program				
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	
Program Element 3 - Develop and Implement a Water Supply Plan for Impaired Areas				
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.
Program Element 4 - Develop and Implement Comprehensive Groundwater Management Plan for Management Zone 1				
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
Program Element 5 - Develop and Implement Regional Supplemental Water Program				
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.
Program Element 6 - Develop and Implement Cooperative Programs with the Regional Board and Other Agencies to Improve Basin Management				
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
Program Element 7 - Develop and Implement Salt Management Plan				
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.
Program Element 8/9 - Develop and Implement Groundwater Storage Program <u>and</u> Develop and Implement Storage and Recovery Programs				
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

D. FISCAL YEAR 2020/21 BUDGET INCREASE (DISCUSSION ONLY)

II. BUSINESS ITEMS

D. FISCAL YEAR 2020/21 BUDGET INCREASE

Staff report will be distributed separately.

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