

CHINO BASIN WATERMASTER



NOTICE OF MEETING

Thursday, May 21, 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, May 21, 2020

9:00 a.m. – Advisory Committee Meeting

AGENDA

**CHINO BASIN WATERMASTER
ADVISORY COMMITTEE MEETING**

9:00 a.m. – May 21, 2020

Mr. Brian Geye, Chair

Mr. Jeff Pierson, Vice-Chair

Meeting Available by Remote Access Only*

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

OR

Conference Call: (872) 240-3212

Code: 934-481-381

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 April 16, 2020 (*Page 1*)

B. FINANCIAL REPORTS

Receive and file as presented:

1. Cash Disbursements for the month of March 2020 (*Page 5*)
2. Watermaster VISA Check Detail for the month of March 2020 (*Page 19*)
3. Combining Schedule for the Period July 1, 2019 through March 31, 2020 (*Page 23*)
4. Treasurer's Report of Financial Affairs for the Period March 1, 2020 through March 31, 2020 (*Page 26*)
5. Budget vs. Actual Report for the Period July 1, 2019 through March 31, 2020 (*Page 30*)
6. Cash Disbursements for April 2020 (Information Only) (*Page 56*)

C. APPLICATION: WATER TRANSACTION (*Page 67*)

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

The transfer of 7,500.0 acre-feet of water from Cucamonga Valley Water District to Fontana Water Company. This transfer is made from Cucamonga Valley Water District's Annual Production Right. Date of application: February 25, 2020.

D. APPLICATION: WATER TRANSACTION (*Page 74*)

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

The transfer of 1,000.0 acre-feet of water from Santa Ana River Water Company to Fontana Water Company. This transfer is made from Santa Ana River Water Company's Annual Production Right. Date of application: February 21, 2020.

E. FIRST AMENDMENT TO TASK ORDER NO. 2 UNDER MASTER AGREEMENT FOR COLLABORATIVE PROJECTS (TECHNICAL SUPPORT FOR THE UPPER SANTA ANA RIVER GROUNDWATER INTEGRATED MODEL) (*Page 81*)

Approve the First Amendment to Task Order No. 2 (Technical Support for Analysis of the Upper Santa Ana River Groundwater Integrated Model).

II. BUSINESS ITEMS**A. WATERMASTER FISCAL YEAR 2020/21 PROPOSED BUDGET (Page 88)**

Recommend approval of the proposed FY 2020/21 budget of \$9,204,735 as presented. Alternate option would be to recommend approval of the proposed FY 2020/21 budget without including account 7507 in the amount of \$90,794 and account 7614 in the amount of \$105,986.

B. CONSIDERATION OF 2020 STORAGE MANAGEMENT PLAN (Page 107)

Recommend Watermaster Board approval of the 2020 Storage Management Final Report Section 2.1-2.6 as the Storage Management Plan providing direction for the preparation of the required documentation.

C. FIRST AMENDMENT TO TASK ORDER NO. 4 UNDER MASTER AGREEMENT FOR COLLABORATIVE PROJECTS (CHINO BASIN PROJECT SUPPORT) (Page 114)

Approve the First Amendment to Task Order No. 4 Under Master Agreement for Collaborative Projects: Chino Basin Program.

D. 2020 SAFE YIELD RECALCULATION (Page 128)

Provide advice and assistance to Watermaster regarding the 2020 Safe Yield Reset.

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

1. San Bernardino County Superior Court Emergency Order
2. June 26, 2020 Hearing
3. County of Maui v. Hawaii Wildlife Fund et al

B. ENGINEER REPORT

1. Annual Report for the PBHSC
2. IEUA GWR 2019 Annual Report
3. SB88 Compliance
4. Potential Assistance to CDA with 97-005 Study Requirement

C. CFO REPORT

1. Fixed Rate Refunding of Series 2008B Variable Rate Demand Bonds

D. GM REPORT

1. OBMP Implementation Plan Update
2. OAP Contest Status
3. Work from Home Update
4. Other

E. INLAND EMPIRE UTILITIES AGENCY (Page 142)

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*

5/22/20	Fri	10:30 a.m.	Watermaster Board Special Meeting
5/28/20	Thu	11:00 a.m.	Watermaster Board
6/11/20	Thu	9:00 a.m.	Appropriative Pool
6/11/20	Thu	11:00 a.m.	Non-Agricultural Pool
6/11/20	Thu	1:30 p.m.	Agricultural Pool
6/18/20	Thu	9:00 a.m.	Advisory Committee
6/25/20	Thu	11:00 a.m.	Watermaster Board

*NOTE: Due to the uncertainty related to COVID-19, and for the safeguarding of all, Watermaster meetings will continue to be held remotely through the end of May 2020 and will be reevaluated in early June.

ADJOURNMENT

CHINO BASIN WATERMASTER

I. CONSENT CALENDAR

A. MINUTES

1. Advisory Committee Meeting held on April 16, 2020

DRAFT MINUTES
CHINO BASIN WATERMASTER
ADVISORY COMMITTEE MEETING

April 16, 2020

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

ADVISORY COMMITTEE MEMBERS PRESENT ON CALL

NON-AGRICULTURAL POOL

Brian Geye, Chair California Speedway Corporation

AGRICULTURAL POOL

Jeff Pierson, Vice-Chair Crops
Pete Hall State of California – CIM/CDCR
Bob Feenstra Dairy

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
Van Jew Monte Vista Water District
Chris Berch Jurupa Community Services District
Dave Crosley City of Chino
Brian Lee for Teri Layton San Antonio Water Company
Ben Lewis Golden State Water Company
Nadia Loukeh West Valley Water District

WATERMASTER STAFF PRESENT AT WATERMASTER

Peter Kavounas General Manager
Janine Wilson Senior Accountant

WATERMASTER STAFF PRESENT ON CALL

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

WATERMASTER CONSULTANTS PRESENT ON CALL

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

OTHERS PRESENT ON CALL

Justin Scott-Coe Monte Vista Water District
Katie Gienger City of Ontario
Richard Rees Wood plc
Sylvie Lee Inland Empire Utilities Agency
David De Jesus Three Valleys Municipal Water District

Praseetha Krishnan
 Tarren Torres
 John Mendoza
 Eduardo Espinoza
 Marilyn Levin
 Courtney Jones
 Gino Filippi
 Christiana Daisy

Cucamonga Valley Water District
 Egoscue Law Group, Inc.
 Three Valleys Municipal Water District
 Cucamonga Valley Water District
 Agricultural Pool – State of California – DOJ
 City of Ontario
 Agricultural Pool – Crops
 Inland Empire Utilities Agency

CALL TO ORDER

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

ROLL CALL

(0:01:47) Ms. Nelson conducted the roll call.

AGENDA – ADDITIONS/REORDER

None

(0:04:24) Mr. Scott-Coe addressed the Committee.

I. CONSENT CALENDAR

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A. MINUTES

Approve as presented:

1. Minutes of the Advisory Committee Meeting held on March 19, 2020

B. FINANCIAL REPORTS

Receive and file as presented:

1. Cash Disbursements for the month of February 2020
2. Watermaster VISA Check Detail for the month of February 2020
3. Combining Schedule for the Period July 1, 2019 through February 29, 2020
4. Treasurer’s Report of Financial Affairs for the Period February 1, 2020 through February 29, 2020
5. Budget vs. Actual Report for the Period July 1, 2019 through February 29, 2020
6. Cash Disbursements for March 2020 (Information Only)

(0:06:17)

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

II. BUSINESS ITEMS

A. CONSIDERATION OF 2020 STORAGE MANAGEMENT PLAN

Support Watermaster Board approval of the 2020 Storage Management Final Report Section 2.1-2.6 as the Storage Management Plan providing direction for the preparation of the required documentation.

(0:06:44) Mr. Kavounas gave a report. A discussion ensued.

(0:32:12) No action was taken on this item.

B. 2020 SAFE YIELD RECALCULATION

Offer advice and assistance to Watermaster.

(0:32:49) Mr. Kavounas gave a report and offered to give a presentation. The Committee requested that the presentation be given.

(0:34:50) Messrs. Kavounas and Wildermuth gave a presentation. A discussion ensued.

III. REPORTS/UPDATES

A. LEGAL COUNSEL REPORT

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

(1:03:16) Mr. Herrema gave a report.

B. ENGINEER REPORT

1. Maximum Benefit Annual Report
2. Annual Report of the Prado Basin Habitat Sustainability Committee
3. SGMA Annual Reporting

(1:04:22) Mr. Malone gave a presentation on Item B.1., the Maximum Benefit Annual Report and reported on Items B.2. and B.3. A discussion ensued.

C. CFO REPORT

None

D. GM REPORT

1. OBMP Implementation Plan Update
2. OAP Contest
3. Water Rights Permit Reporting/SB88 Compliance
4. Other

(1:06:11) Mr. Kavounas gave a report and invited Mr. Tellez Foster to report on Item D.3.

(1:07:47) Mr. Tellez Foster gave a report on Item D.3. A discussion ensued.

E. INLAND EMPIRE UTILITIES AGENCY

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

(1:16:08) Ms. Lee of the Inland Empire Utilities Agency gave a report.

F. METROPOLITAN MEMBER AGENCY REPORTS

None

IV. INFORMATION

1. Ground-Level Monitoring Committee Semi-Annual Status Report
2. Chino Airport and South Archibald Plumes Semi-Annual Status Reports

V. COMMITTEE MEMBER COMMENTS

None

VI. OTHER BUSINESS

None

VII. CONFIDENTIAL SESSION - POSSIBLE ACTION

None

ADJOURNMENT

Chair Geye adjourned the Advisory Committee meeting at 10:19 a.m.

Secretary: _____

Approved: _____

CHINO BASIN WATERMASTER

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B. FINANCIAL REPORTS

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CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: May 21, 2020
TO: Advisory Committee
SUBJECT: Cash Disbursement Report - Financial Report B1 (March 31, 2020)
(Consent Calendar Item I.B.1.)

SUMMARY

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

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

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

Future Consideration

Advisory Committee – May 21, 2020: Receive and File

Watermaster Board – May 28, 2020: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – May 14, 2020: Received and filed

Agricultural Pool – May 14, 2020: Received and filed

Non-Agricultural Pool – May 15, 2020: Moved unanimately to receive and file, without approval

Advisory Committee – May 21, 2020:

Watermaster Board – May 28, 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 March 2020 were \$799,575.11.

The most significant expenditures during the month were to Inland Empire Utilities Agency in the amount of \$202,003.25 (check number 22038 dated March 10, 2020); Wildermuth Environmental, Inc. in the amount of \$189,608.18 (check number 22076 dated March 19, 2020); Brownstein Hyatt Farber Schreck in the amounts of \$84,475.97 and \$69,164.51 (check number 22027 dated March 10, 2020 and check number 22082 dated March 24, 2020); and Tom Dodson & Associates in the amount of \$49,612.05 (check number 22084 dated March 24, 2020).

ATTACHMENTS

1. Financial Report - B1

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
March 2020

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	03/05/2020	ACH 030520	CALPERS	1394905143	1012 · Bank of America Gen'l Ckg	
Bill	02/14/2020	1394905143		Medical Insurance Premiums - March 2020	60182.1 · Medical Insurance	9,387.29
TOTAL						9,387.29
General Journal	03/07/2020	03/07/2020	Payroll and Taxes for 02/23/20-03/07/20	Payroll and Taxes for 02/23/20-03/07/20	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 02/23/20-03/07/20	1012 · Bank of America Gen'l Ckg	32,931.27
				Payroll and Taxes for 02/23/20-03/07/20	1012 · Bank of America Gen'l Ckg	10,972.87
			ICMA-RC	457(f) EE Deductions for 02/23/20-03/07/20	1012 · Bank of America Gen'l Ckg	5,476.92
			ICMA-RC	401(a) EE Deductions for 02/23/20-03/07/20	1012 · Bank of America Gen'l Ckg	1,562.57
TOTAL						50,943.63
Bill Pmt -Check	03/10/2020	22027	BROWNSTEIN HYATT FARBER SCHRECK		1012 · Bank of America Gen'l Ckg	
Bill	01/31/2020	791870		791870	6078 · BHFS Legal - Miscellaneous	26,644.00
				Angelica BK	6078 · BHFS Legal - Miscellaneous	2,517.50
				Mileage/Parking Expense	8375 · BHFS Legal - Appropriative Pool	23.83
				Mileage/Parking Expense	8475 · BHFS Legal - Agricultural Pool	23.84
				Mileage/Parking Expense	8575 · BHFS Legal - Non-Ag Pool	23.83
				Mileage/Parking Expense	8375 · BHFS Legal - Appropriative Pool	71.48
P7 Bill	01/31/2020	791871		Alternative Workweek Schedule	6073 · BHFS Legal - Personnel Matters	247.50
				Personnel matter	6073 · BHFS Legal - Personnel Matters	1,336.50
Bill	01/31/2020	791872		791872	6907.34 · Santa Ana River Water Rights	4,261.50
Bill	01/31/2020	791873		791873	6275 · BHFS Legal - Advisory Committee	1,138.50
Bill	01/31/2020	791874		791874	6375 · BHFS Legal - Board Meeting	3,465.00
				Lodging	6375 · BHFS Legal - Board Meeting	237.01
				Mileage/Parking Expense	6375 · BHFS Legal - Board Meeting	71.50
Bill	01/31/2020	791875		791875	8375 · BHFS Legal - Appropriative Pool	1,584.00
Bill	01/31/2020	791876		791876	8475 · BHFS Legal - Agricultural Pool	1,633.50
Bill	01/31/2020	791877		791877	8575 · BHFS Legal - Non-Ag Pool	1,584.00
Bill	01/31/2020	791878		791878	6071 · BHFS Legal - Court Coordination	1,093.50
Bill	01/31/2020	791879		791879	6907.39 · Recharge Master Plan	1,534.50
Bill	01/31/2020	791880		791880	6907.45 · OBMP Update	27,360.00
				Delivery/Ground Transportation	6907.45 · OBMP Update	150.00
Bill	01/31/2020	791881		791881	6907.47 · 2020 Safe Yield Reset	8,847.00
				Mileage/Parking Expense	6907.47 · 2020 Safe Yield Reset	67.37
				Mileage/Parking Expense	6907.47 · 2020 Safe Yield Reset	51.61
Bill	01/31/2020	791882		791882	6078.25 · Ely 3 Basin Investigation	508.50
TOTAL						84,475.97
Bill Pmt -Check	03/10/2020	22028	ACCENT COMPUTER SOLUTIONS, INC.	133586	1012 · Bank of America Gen'l Ckg	

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
March 2020

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	03/01/2020	133586		Monthly service - March 2020	6052.4 · IT Managed Services	3,920.14
				Overwatch - March 2020	6052.5 · IT Data Backup/Storage	699.00
				Omni Cloud - March 2020	6052.5 · IT Data Backup/Storage	153.00
				Office 365 subscriptions / Business Premium - Mar	6052.4 · IT Managed Services	195.75
				Image Office Storage (per GB, per month)	6052.5 · IT Data Backup/Storage	674.98
TOTAL						5,642.87
Bill Pmt -Check	03/10/2020	22029	APPLIED COMPUTER TECHNOLOGIES	3203	1012 · Bank of America Gen'l Ckg	
Bill	02/28/2020	3203		Database Consulting Services - Feb. 2020	6052.2 · Applied Computer Technol	3,449.00
TOTAL						3,449.00
Bill Pmt -Check	03/10/2020	22030	BOWCOCK, ROBERT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	02/20/2020	2/20 Brd Officers		2/2020 Board Officers / Pool Chairs meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	03/10/2020	22031	CHEF DAVE'S CATERING & EVENT SERVICES	10294	1012 · Bank of America Gen'l Ckg	
Bill	02/27/2020	10294		Lunch for 2/27/20 Watermaster Board mtg.	6312 · Meeting Expenses	600.69
TOTAL						600.69
Bill Pmt -Check	03/10/2020	22032	ELIE, STEVEN	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	02/18/2020	2/18 Admin Mtg		2/18/20 Administrative meeting w/PK	6311 · Board Member Compensation	125.00
Bill	02/27/2020	2/27 Board Mtg		2/27/20 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						250.00
Bill Pmt -Check	03/10/2020	22033	FEDAK & BROWN LLP	Progress Billing	1012 · Bank of America Gen'l Ckg	
Bill	02/28/2020			Audit Services - February 2020	6062 · Audit Services	200.00
TOTAL						200.00
Bill Pmt -Check	03/10/2020	22034	FONTANA UNION WATER COMPANY'	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	02/06/2020	2/06 Board Officers		2/06/2020 Board Officers Meeting - Curatalo	6311 · Board Member Compensation	125.00
Bill	02/20/2020	2/20 Personnel Comm		2/20/2020 PC Meeting - Curatalo	6311 · Board Member Compensation	125.00
Bill	02/25/2020	2/25 Board Agenda		2/25/2020 Board Agenda Mtg. - Curatalo	6311 · Board Member Compensation	125.00
Bill	02/27/2020	2/27 Board Mtg		2/27/2020 Board Meeting - Curatalo	6311 · Board Member Compensation	125.00
TOTAL						500.00
Bill Pmt -Check	03/10/2020	22035	GEYE, BRIAN	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	02/27/2020	2/27 Board Mtg		2/27/20 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	03/10/2020	22036	HARMONY PRESS	00-6653	1012 · Bank of America Gen'l Ckg	

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
March 2020

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	02/19/2020	00-6653		Printing for 42nd AR	6045 · Printing	2,243.44
TOTAL						2,243.44
Bill Pmt -Check	03/10/2020	22037	IN-SITU, INC.	00132913	1012 · Bank of America Gen'l Ckg	
Bill	02/25/2020	00132913		00132913	7103.6 · Grdwtr Qual-Supplies	4,540.19
TOTAL						4,540.19
Bill Pmt -Check	03/10/2020	22038	INLAND EMPIRE UTILITIES AGENCY	90026111	1012 · Bank of America Gen'l Ckg	
Bill	03/02/2020	90026111		GW Recharge O&M Cost Reimb. - 4th Qtr.	7206 · Comp Recharge-O&M	202,003.25
TOTAL						202,003.25
Bill Pmt -Check	03/10/2020	22039	JURUPA COMMUNITY SERVICES DISTRICT	Administrative Leadership Forum	1012 · Bank of America Gen'l Ckg	
Bill	03/03/2020	3/11 IE Admin Forum		Registration-Nelson/Wilson-3/11/20 Forum	6193.2 · Conference - Registration Fee	500.00
TOTAL						500.00
Bill Pmt -Check	03/10/2020	22040	PIERSON, JEFFREY	Ag Pool and Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	02/06/2020	2/06 Admin Mtg		2/06/20 Admin. Mtg. w/GM and Board Officers	6311 · Board Member Compensation	125.00
Bill	02/13/2020	2/13 Ag Pool Mtg		2/13/20 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				2/13/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	02/20/2020	2/20 Brd Officers		2/20/20 Board Officers / Pool Chairs mtg.	6311 · Board Member Compensation	125.00
Bill	02/20/2020	2/20 Advisory Comm		2/20/20 Advisory Committee Meeting	8411 · Ag Pool Member Compensation	25.00
				2/20/20 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	02/25/2020	2/25 Board/GM CC		02/25/20 Board Officers / GM conf. call	6311 · Board Member Compensation	125.00
Bill	02/27/2020	2/27 Board Mtg		2/27/20 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						750.00
Bill Pmt -Check	03/10/2020	22041	PITNEY BOWES GLOBAL FINANCIAL SERVICE	3103769975	1012 · Bank of America Gen'l Ckg	
Bill	03/04/2020	3103769975		Lease property tax	6044 · Postage Meter Lease	44.07
TOTAL						44.07
Bill Pmt -Check	03/10/2020	22042	PREMIERE GLOBAL SERVICES	29030161	1012 · Bank of America Gen'l Ckg	
Bill	02/28/2020	29030161		OBMPU call on 1/29	6909.1 · OBMP Meetings	7.89
				Non-Ag Pool meeting call on 2/13	8512 · Meeting Expense	18.27
				Fee - General	6022 · Telephone	39.00
				Fee - Confidential	6022 · Telephone	39.00
				WM coordination call on 1/27	6909.1 · OBMP Meetings	27.25
				Storage management call on 1/28	6909.1 · OBMP Meetings	12.08
				Call with Ontario re storage on 1/29	6909.1 · OBMP Meetings	8.48
				Debrief of call with Ontario on 1/29	6909.1 · OBMP Meetings	12.19
				WM coordination call on 2/03	6909.1 · OBMP Meetings	26.42

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CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
March 2020

Type	Date	Num	Name	Memo	Account	Paid Amount
				2020 SY reset call on 2/06	6909.1 · OBMP Meetings	23.53
				2020 SY reset call on 2/06	6909.1 · OBMP Meetings	6.56
				WM coordination call on 2/10	6909.1 · OBMP Meetings	6.55
				WM coordination call on 2/10	6909.1 · OBMP Meetings	6.56
				WM coordination call on 2/10	6909.1 · OBMP Meetings	31.92
				2020 SY reset call on 2/11	6909.1 · OBMP Meetings	15.75
				Pool meetings check call on 2/12	8312 · Meeting Expenses	6.13
				Pool meetings check call on 2/12	8412 · Meeting Expenses	6.14
				Pool meetings check call on 2/12	8512 · Meeting Expense	6.13
				2020 SY reset call on 2/14	6909.1 · OBMP Meetings	15.81
				WM coordination call on 2/24	6909.1 · OBMP Meetings	15.68
				OBMPU call on 2/25	6909.1 · OBMP Meetings	15.75
				Last minute check for Board meeting call on 2/26	6312 · Meeting Expenses	7.59
				Call shortfalls and monthly fees	6022 · Telephone	102.33
				Service fee	6022 · Telephone	40.00
TOTAL						497.01
Bill Pmt -Check	03/10/2020	22043	PURCHASE POWER	8000-9090-0016-8851	1012 · Bank of America Gen'l Ckg	
Bill	03/03/2020	8000909000168851		Service fee	6042 · Postage - General	50.55
TOTAL						50.55
Bill Pmt -Check	03/10/2020	22044	R&D PEST SERVICES	0254786	1012 · Bank of America Gen'l Ckg	
Bill	03/03/2020	0254786		Treat office and annex for pest control	6024 · Building Repair & Maintenance	100.00
TOTAL						100.00
Bill Pmt -Check	03/10/2020	22045	RAUCH COMMUNICATION CONSULTANTS, INC Feb-2005		1012 · Bank of America Gen'l Ckg	
Bill	01/31/2020	Feb-2005		AR42-work completed through Jan. 31, 2020	6061.3 · Rauch	3,735.00
TOTAL						3,735.00
Bill Pmt -Check	03/10/2020	22046	READY REFRESH BY NESTLE	0023230253	1012 · Bank of America Gen'l Ckg	
Bill	02/28/2020	0023230253		Office Water Bottle - February 2020	6031.7 · Other Office Supplies	102.07
TOTAL						102.07
Bill Pmt -Check	03/10/2020	22047	ROGERS, PETER	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	02/27/2020	2/27 Board Mtg		2/27/20 Board Meeting	6311 · Board Member Compensation	125.00
Bill	02/27/2020	1/23 Board Mtg		1/23/20 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						250.00
Bill Pmt -Check	03/10/2020	22048	RR FRANCHISING, INC.	83105	1012 · Bank of America Gen'l Ckg	
Bill	03/01/2020	83105		Janitorial Service - March 2020	6024 · Building Repair & Maintenance	740.00

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
March 2020

	Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAL							740.00
	Bill Pmt -Check	03/10/2020	22049	SPECTRUM BUSINESS	2031978022320	1012 - Bank of America Gen'l Ckg	
	Bill	02/29/2020	2031978022320		2/23/20-3/22/20	6053 - Internet Expense	800.86
TOTAL							800.86
	Bill Pmt -Check	03/10/2020	22050	STAPLES BUSINESS ADVANTAGE	8057577836	1012 - Bank of America Gen'l Ckg	
	Bill	02/22/2020	8057577836		Toner cartridges	6031.7 - Other Office Supplies	496.48
TOTAL							496.48
	Bill Pmt -Check	03/10/2020	22051	STATE COMPENSATION INSURANCE FUND	1970970-19	1012 - Bank of America Gen'l Ckg	
	Bill	03/01/2020	1970970-19		Premium 2/26/20-3/26/20	60183 - Worker's Comp Insurance	532.75
TOTAL							532.75
	Bill Pmt -Check	03/10/2020	22052	TELLEZ-FOSTER, EDGAR	Employee Reimbursement	1012 - Bank of America Gen'l Ckg	
	Bill	03/04/2020	3/04 Ops Staff Mtg		Reimbursement-3/04/20 Ops. staff mtg.	6141.3 - Admin Meetings	93.28
TOTAL							93.28
	Bill Pmt -Check	03/10/2020	22053	UNION 76	7076-2245-3035-5049	1012 - Bank of America Gen'l Ckg	
	Bill	02/28/2020	7076224530355049		February 2020	6175 - Vehicle Fuel	67.90
TOTAL							67.90
	Bill Pmt -Check	03/10/2020	22054	VISION SERVICE PLAN	00-101789-0001	1012 - Bank of America Gen'l Ckg	
	Bill	02/26/2020	00101789		Vision Insurance Premiium - March 2020	60182.2 - Dental & Vision Ins	93.83
TOTAL							93.83
	Bill Pmt -Check	03/10/2020	22055	WEST POINT MEDICAL CENTER	ALD195360	1012 - Bank of America Gen'l Ckg	
	Bill	01/29/2020	ALD195360		Vanessa Aldaz	6016 - New Employee Search Costs	140.00
TOTAL							140.00
	Bill Pmt -Check	03/10/2020	22056	WESTERN MUNICIPAL WATER DISTRICT	Board Member Compensation	1012 - Bank of America Gen'l Ckg	
	Bill	02/27/2020	2/27 Board Mtg		2/27/2020 Board Mtg. attendance - Galleano	6311 - Board Member Compensation	125.00
TOTAL							125.00
	Bill Pmt -Check	03/12/2020	ACH 031220	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 - Bank of America Gen'l Ckg	
	General Journal	03/07/2020	03/07/2020	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 02/23/20-03/07/20	2000 - Accounts Payable	8,180.70
TOTAL							8,180.70
	Check	03/16/2020	03/16/2020	Service Charge	Service Charge	1012 - Bank of America Gen'l Ckg	
					Service Charge	6039.1 - Banking Service Charges	618.68

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
March 2020

Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAL						618.68
Bill Pmt -Check	03/19/2020	22057	ACWA JOINT POWERS INSURANCE AUTHORITY	0641312	1012 - Bank of America Gen'l Ckg	
Bill	03/03/2020	0643052		Prepayment - April 2020 March 2020	1409 - Prepaid Life, BAD&D & LTD 60191 - Life & Disab.Ins Benefits	251.71 246.82
TOTAL						498.53
Bill Pmt -Check	03/19/2020	22058	BUSINESS TELECOMMUNICATION SYSTEMS	19258	1012 - Bank of America Gen'l Ckg	
Bill	02/19/2020	9258		Annual Support-Shoretel system 4/20-4/21	6022 - Telephone	1,787.00
TOTAL						1,787.00
Bill Pmt -Check	03/19/2020	22059	CORELOGIC INFORMATION SOLUTIONS	82011089	1012 - Bank of America Gen'l Ckg	
Bill	02/29/2020	82011089		82011089 82011089	7103.7 - Grdwtr Qual-Computer Svc 7101.4 - Prod Monitor-Computer	62.50 62.50
TOTAL						125.00
Bill Pmt -Check	03/19/2020	22060	CUCAMONGA VALLEY WATER DISTRICT	Office Lease	1012 - Bank of America Gen'l Ckg	
Bill	03/16/2020			Office lease due on April 1, 2020	1422 - Prepaid Rent	7,093.14
TOTAL						7,093.14
Bill Pmt -Check	03/19/2020	22061	DE BOOM, NATHAN	Ag Pool Member Compensation	1012 - Bank of America Gen'l Ckg	
Bill	02/13/2020	2/13 Ag Pool Mtg		2/13/20 Ag Pool Meeting 2/13/20 Ag Pool Meeting	8411 - Ag Pool Member Compensation 8470 - Ag Meeting Attend -Special	25.00 100.00
TOTAL						125.00
Bill Pmt -Check	03/19/2020	22062	EGOSCUE LAW GROUP, INC.	12665	1012 - Bank of America Gen'l Ckg	
Bill	02/28/2020	12665		Ag Pool Legal Service - February 2020	8467 - Ag Legal & Technical Services	15,175.00
TOTAL						15,175.00
Bill Pmt -Check	03/19/2020	22063	FEENSTRA, BOB	Ag Pool Member Compensation	1012 - Bank of America Gen'l Ckg	
Bill	02/13/2020	2/13 Ag Pool Mtg		2/13/20 Ag Pool Meeting 2/13/20 Ag Pool Meeting	8411 - Ag Pool Member Compensation 8470 - Ag Meeting Attend -Special	25.00 100.00
Bill	02/20/2020	2/20 Advisory Comm		2/20/20 Advisory Committee Meeting 2/20/20 Advisory Committee Meeting	8411 - Ag Pool Member Compensation 8470 - Ag Meeting Attend -Special	25.00 100.00
Bill	02/20/2020	2/20 Personnel Comm		2/20/20 Personnel Committee Meeting 2/20/20 Personnel Committee Meeting	8411 - Ag Pool Member Compensation 8470 - Ag Meeting Attend -Special	25.00 100.00
Bill	02/20/2020	2/20 Exec Committee		2/20/20 Executive Committee Meeting 2/20/20 Executive Committee Meeting	8411 - Ag Pool Member Compensation 8470 - Ag Meeting Attend -Special	25.00 100.00
Bill	02/27/2020	2/27 Board Mtg		2/27/20 Board Meeting 2/27/20 Board Meeting	8411 - Ag Pool Member Compensation 8470 - Ag Meeting Attend -Special	25.00 100.00

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
March 2020

	<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Paid Amount</u>
TOTAL							625.00
	Bill Pmt -Check	03/19/2020	22064	FILIPPI, GINO	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
	Bill	02/06/2020	2/06 Admin Mtg		2/06/20 Administrative meeting w/GM	6311 · Board Member Compensation	125.00
	Bill	02/12/2020	2/12 Admin Mtg		2/12/20 Administrative meeting w/GM	6311 · Board Member Compensation	125.00
	Bill	02/13/2020	2/13 Ag Pool Mtg		2/13/20 Ag Pool Meeting	6311 · Board Member Compensation	125.00
	Bill	02/27/2020	2/27 Board Mtg		2/27/20 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL							500.00
	Bill Pmt -Check	03/19/2020	22065	FRONTIER COMMUNICATIONS	909-484-3890-050914-5	1012 · Bank of America Gen'l Ckg	
	Bill	03/17/2020	90948438900509145		Office fax	6022 · Telephone	154.92
TOTAL							154.92
	Bill Pmt -Check	03/19/2020	22066	GREAT AMERICA LEASING CORP.	26671135	1012 · Bank of America Gen'l Ckg	
	Bill	03/17/2020	26671135		Invoice-February 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
P13	Bill Pmt -Check	03/19/2020	22067	HUITSING, JOHN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
	Bill	02/13/2020	2/13 Ag Pool Mtg		2/13/20 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
					2/13/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL							125.00
	Bill Pmt -Check	03/19/2020	22068	KUHN, BOB	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
	Bill	02/06/2020	2/06 Exec Comm Mtg		2/06/20 Executive Committee meeting	6311 · Board Member Compensation	125.00
	Bill	02/20/2020	2/20 Advisory Comm		2/20/20 Advisory Committee meeting	6311 · Board Member Compensation	125.00
	Bill	02/25/2020	2/25 Exec Comm Mtg		2/25/20 Executive Committee meeting	6311 · Board Member Compensation	125.00
	Bill	02/27/2020	2/27 Board Mtg		2/27/20 Board meeting	6311 · Board Member Compensation	125.00
TOTAL							500.00
	Bill Pmt -Check	03/19/2020	22069	LEGAL SHIELD	111802	1012 · Bank of America Gen'l Ckg	
	Bill	03/17/2020	111802		Employee deductions - February 2020	60194 · Other Employee Insurance	187.30
TOTAL							187.30
	Bill Pmt -Check	03/19/2020	22070	LOEB & LOEB LLP	1878896	1012 · Bank of America Gen'l Ckg	
	Bill	02/28/2020	1878896		Non-Ag Pool Legal Services - Feb. 2020	8567 · Non-Ag Legal Service	5,378.40
TOTAL							5,378.40
	Bill Pmt -Check	03/19/2020	22071	PIETERSMA, RONALD	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
	Bill	03/12/2020	3/12 Ag Pool Mtg		3/12/20 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
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Type	Date	Num	Name	Memo	Account	Paid Amount
				3/12/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	03/19/2020	22072	STAULA, MARY L	Retiree Medical	1012 · Bank of America Gen'l Ckg	
Bill	03/31/2020			Retiree Medical	60182.4 · Retiree Medical	30.72
TOTAL						30.72
Bill Pmt -Check	03/19/2020	22073	ULLOA, EUNICE	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	12/12/2019	12/12 Appro Pool		12/12/19 Appropriate Pool Meeting	6311 · Board Member Compensation	125.00
Bill	12/19/2019	12/19 Board Mtg		12/19/19 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						250.00
Bill Pmt -Check	03/19/2020	22074	UNITED HEALTHCARE	052529240181	1012 · Bank of America Gen'l Ckg	
Bill	03/17/2020	052529240181		Dental Insurance Premium - April 2020	60182.2 · Dental & Vision Ins	927.23
TOTAL						927.23
Bill Pmt -Check	03/19/2020	22075	VERIZON WIRELESS	9849763677	1012 · Bank of America Gen'l Ckg	
Bill	02/29/2020	9849763677		Acct #470810953-00001	6022 · Telephone	320.03
TOTAL						320.03
Bill Pmt -Check	03/19/2020	22076	WILDERMUTH ENVIRONMENTAL INC		1012 · Bank of America Gen'l Ckg	
Bill	02/28/2020	2020043		2020043	6906.31 · OBMP-Pool, Adv. Board Mtgs	14,834.02
Bill	02/28/2020	2020044		2020044	6906.32 · OBMP-Other General Meetings	6,311.86
Bill	02/28/2020	2020045		2020045	6906.71 · OBMP-Data Req.-CBWM Staff	5,777.90
Bill	02/28/2020	2020046		2020046	6906.72 · OBMP-Data Req.-Non CBWM Staff	1,694.30
Bill	02/28/2020	2020047		2020047	6906.23 · SGMA Reporting Requirements	5,010.30
Bill	02/28/2020	2020048		2020048	6906 · OBMP Engineering Services	1,969.00
Bill	02/28/2020	2020049		2020049	6906.24 · Compliance-SWRCB	509.60
Bill	02/28/2020	2020050		2020050	6906.26 · 2020 OBMP Update	11,205.86
Bill	02/28/2020	2020051		2020051	6906.73 · OBMP-2020 Safe Yield Recalc	39,967.00
Bill	02/28/2020	2020052		2020052	6906.28 · Agriculture Prod. & Estimation	1,664.40
Bill	02/28/2020	2020053		2020053	6906.15 · Integrated Model Mtgs-IEUA Cost	1,355.00
Bill	02/28/2020	2020054		2020054	6906.16 · CBEWP-100% IEUA Cost	8,835.08
Bill	02/28/2020	2020055		2020055	7103.3 · Grdwtr Qual-Engineering	13,447.00
Bill	02/28/2020	2020056		2020056	7104.3 · Grdwtr Level-Engineering	6,853.10
Bill	02/28/2020	2020057		2020057	7107.2 · Grd Level-Engineering	6,690.79
Bill	02/28/2020	2020058		2020058	7107.2 · Grd Level-Engineering	109.50
Bill	02/28/2020	2020059		2020059	7108.31 · Hydraulic Control - PBHSP	16,078.20
Bill	02/28/2020	2020060		2020060	7109.3 · Recharge & Well - Engineering	5,312.05
Bill	02/28/2020	2020061		2020061	7202.2 · Engineering Svc	2,371.37

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
March 2020

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	02/28/2020	2020062		2020062	7206.1 · SB88 Specs-Ensure Compliance	1,421.65
Bill	02/28/2020	2020063		2020063	7303 · PE3&5-Engineering	1,292.10
Bill	02/28/2020	2020064		2020064	7402 · PE4-Engineering	8,265.55
Bill	02/28/2020	2020065		2020065	7402.10 · PE4 - Northwest MZ1 Area Proj.	3,792.65
Bill	02/28/2020	2020066		2020066	7502 · PE6&7-Engineering	2,442.60
Bill	02/28/2020	2020067		2020067	7510 · PE6&7-IEUA Salinity Mgmt. Plan	21,508.30
Bill	02/28/2020	2020068		2020068	7511 · PE6&7-SAWBMPTask Force-50% IEU,	889.00
TOTAL						189,608.18
Bill Pmt -Check	03/19/2020	22077	YUKON DISPOSAL SERVICE	21136525395	1012 · Bank of America Gen'l Ckg	
Bill	03/01/2020	21136525395		March 2020	6024 · Building Repair & Maintenance	135.72
TOTAL						135.72
Bill Pmt -Check	03/20/2020	22078	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	02/29/2020	XXXX-XXXX-XXXX-9341		Miscellaneous office supplies	6031.7 · Other Office Supplies	41.80
				Miscellaneous office supplies	6031.7 · Other Office Supplies	41.88
				Miscellaneous office supplies	6031.7 · Other Office Supplies	26.86
				Lunch for Approp. Pool mtg. at City of Ontario	8312 · Meeting Expenses	271.70
				Miscellaneous office supplies	6031.7 · Other Office Supplies	139.72
				Miscellaneous office supplies	6031.7 · Other Office Supplies	8.59
				Administrative lunch	6141.3 · Admin Meetings	94.09
				Miscellaneous office supplies	6031.7 · Other Office Supplies	32.19
				Administrative meeting	6141.3 · Admin Meetings	19.35
				Reg. for staff-AGWA-AGWT Annual GW Conf.	6193.2 · Conference - Registration Fee	219.47
				Lunch-staff and consultants for mtg. prep	6909.1 · OBMP Meetings	140.53
				Lunch-staff and consultants for mtg. prep	6909.1 · OBMP Meetings	9.47
				Reg. for staff-AGWA-AGWT Annual GW Conf.	6193.2 · Conference - Registration Fee	927.75
				Lunch for administrative meeting	6141.3 · Admin Meetings	66.69
				Replacement battery for power supply	6055 · Computer Hardware	69.34
				Miscellaneous office supplies	6031.7 · Other Office Supplies	21.06
				Uniforms for office staff	6154 · Uniforms	161.72
				Miscellaneous office supplies	6031.7 · Other Office Supplies	163.28
				Miscellaneous office supplies	6031.7 · Other Office Supplies	17.81
				Lunch for administrative meeting	6141.3 · Admin Meetings	96.88
				Lunch for Board Officers meeting	6312 · Meeting Expenses	101.11
				Miscellaneous office supplies	6031.7 · Other Office Supplies	11.81
				Miscellaneous office supplies	6031.7 · Other Office Supplies	56.74
				Miscellaneous office supplies	6031.7 · Other Office Supplies	120.30
				Miscellaneous office supplies	6031.7 · Other Office Supplies	9.13
				Annual membership for Amazon Prime	6111 · Membership Dues	127.91

TOTAL

TOTAL

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CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
March 2020

Type	Date	Num	Name	Memo	Account	Paid Amount
				Miscellaneous office supplies	6031.7 · Other Office Supplies	5.28
				Miscellaneous office supplies	6031.7 · Other Office Supplies	10.73
				Lunch for prep meeting for OBMPU IP	6909.1 · OBMP Meetings	161.49
				Lunch for prep meeting for OBMPU IP	6909.1 · OBMP Meetings	10.36
				Miscellaneous office supplies	6031.7 · Other Office Supplies	332.82
				Lunch for Budget mtg w/WE Inc	6909.1 · OBMP Meetings	81.60
				Miscellaneous office supplies	6031.7 · Other Office Supplies	42.91
				Miscellaneous office supplies	6031.7 · Other Office Supplies	95.66
				PK meeting w/G. Filippi	6312 · Meeting Expenses	9.93
				PK meeting w/Pierson, Curatalo, Kuhn	6312 · Meeting Expenses	67.73
				PK meeting w/CVWD	8312 · Meeting Expenses	25.92
				PK meeting w/R. Hoerning, G. Filippi	8312 · Meeting Expenses	25.77
				PK meeting w/S. Elie	6312 · Meeting Expenses	26.49
				PK meeting w/B. DiPrimio	6312 · Meeting Expenses	44.68
				PK meeting w/J. Bosler, J. Scott-Coe	8312 · Meeting Expenses	39.96
				PK meeting w/M. Litchfield	8312 · Meeting Expenses	17.30
				PK meeting w/City of Ontario	8312 · Meeting Expenses	46.17
				PK meeting w/J. Bosler, C. Fealy	8312 · Meeting Expenses	27.70
						4,069.68
TOTAL						
						616
Bill Pmt -Check	03/20/2020	22079	GRAINGER	9470312092	1012 · Bank of America Gen'l Ckg	
Bill	03/19/2020	9470312092		Miscellaneous supplies	7103.6 · Grdwtr Qual-Supplies	133.19
TOTAL						133.19
Bill Pmt -Check	03/20/2020	22080	PETTY CASH	2838-2859	1012 · Bank of America Gen'l Ckg	
Bill	03/18/2020	2838-2859		Water quality supplies	7103.6 · Grdwtr Qual-Supplies	11.42
				Cleaning supplies/misc office supplies	6031.7 · Other Office Supplies	16.41
				Lunch for legal counsel between Pool mtgs	6909.1 · OBMP Meetings	6.50
				Mileage reimburs. to AJ for PFAS seminar	6173 · Airfare/Mileage	6.53
				Mileage reimburs. to DH for PFAS seminar	6173 · Airfare/Mileage	6.53
				Miscellaneous office supplies - creamer	6031.7 · Other Office Supplies	14.97
				Supplies for Dec. Board mtg	6312 · Meeting Expenses	23.60
				Miscellaneous office supplies - bday cards	6031.7 · Other Office Supplies	6.74
				Supplies for Dec.Admin mtg	6141.3 · Admin Meetings	19.30
				Duplicate keys for office	6031.7 · Other Office Supplies	10.48
				Supplies for 1/10 Admin mtg	6141.3 · Admin Meetings	14.70
				Duplicate keys for office vault	6031.7 · Other Office Supplies	5.25
				Miscellaneous office supplies	6031.7 · Other Office Supplies	17.96
				Cubby cabinet for Boardroom	6031.7 · Other Office Supplies	53.89
				Chain covers for driveway chains	6031.7 · Other Office Supplies	3.49

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Cash Disbursements For The Month of
March 2020

Type	Date	Num	Name	Memo	Account	Paid Amount
				Water quality supplies	6031.7 · Other Office Supplies	12.57
				Supplies for 2/07 Admin meeting	6141.3 · Admin Meetings	11.81
				Supplies for 2/05 HR meeting	6141.3 · Admin Meetings	29.97
				Supplies for 1/23 staff meeting	6141.3 · Admin Meetings	7.38
				Balloons for Vanessa's desk	6141.3 · Admin Meetings	6.72
				Miscellaneous office supplies	6031.7 · Other Office Supplies	10.36
				Supplies for 2/27/20 staff meeting	6141.3 · Admin Meetings	9.72
TOTAL						306.30
Bill Pmt -Check	03/20/2020	22081	SAN BERNARDINO COUNTY - DEPT. AIRPORT: Lease No. CNO0000773		1012 · Bank of America Gen'l Ckg	
Bill	03/19/2020	CNO0000773		Annual rental payment-extensometer site	7107.9 · Grd Level-Other	1,596.00
TOTAL						1,596.00
General Journal	03/20/2020	03/20/2020	ADP, LLC	ADP Tax Service Fees	1012 · Bank of America Gen'l Ckg	
				ADP Tax Service for 02/08/20-553689265	1012 · Bank of America Gen'l Ckg	155.50
				ADP Tax Service for 02/22/20-553689265	1012 · Bank of America Gen'l Ckg	161.55
				ADP Tax Service for 03/07/20-553689265	1012 · Bank of America Gen'l Ckg	161.55
TOTAL						478.60
General Journal	03/21/2020	03/20/2020	Payroll and Taxes for 03/08/20-03/21/20	Payroll and Taxes for 03/08/20-03/21/20	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 03/08/20-03/21/20	1012 · Bank of America Gen'l Ckg	30,911.95
				Payroll Taxes for 03/08/20-03/21/20	1012 · Bank of America Gen'l Ckg	10,475.62
				457(f) EE Deductions for 03/08/20-03/21/20	1012 · Bank of America Gen'l Ckg	5,476.92
				401(a) EE Deductions for 03/08/20-03/21/20	1012 · Bank of America Gen'l Ckg	1,562.57
TOTAL						48,427.06
Bill Pmt -Check	03/24/2020	22082	BROWNSTEIN HYATT FARBER SCHRECK		1012 · Bank of America Gen'l Ckg	
Bill	02/29/2020	795055		795055	6078 · BHFS Legal - Miscellaneous	20,457.80
Bill	02/29/2020	795056		795056	6907.34 · Santa Ana River Water Rights	2,799.90
Bill	02/29/2020	795057		795057	6275 · BHFS Legal - Advisory Committee	1,291.95
Bill	02/29/2020	795058		795058	6375 · BHFS Legal - Board Meeting	5,844.15
Bill	02/29/2020	795059		795059	8375 · BHFS Legal - Appropriative Pool	1,870.65
				Mileage/Parking Expense	8375 · BHFS Legal - Appropriative Pool	50.87
Bill	02/29/2020	795060		795060	8475 · BHFS Legal - Agricultural Pool	1,870.65
				Mileage/Parking Expense	8475 · BHFS Legal - Agricultural Pool	50.87
Bill	02/29/2020	795061		795061	8575 · BHFS Legal - Non-Ag Pool	1,870.65
				Mileage/Parking Expense	8575 · BHFS Legal - Non-Ag Pool	50.87
Bill	02/29/2020	795062		795062	6071 · BHFS Legal - Court Coordination	178.20
Bill	02/29/2020	795063		795063	6907.41 · Prado Basin Habitat Sustain	712.80
Bill	02/29/2020	795064		795064	6907.44 · SGMA Compliance	267.30

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Cash Disbursements For The Month of
March 2020

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	02/29/2020	795065		795065	6907.45 · OBMP Update	13,311.00
Bill	02/29/2020	795066		795066	6907.47 · 2020 Safe Yield Reset	18,536.85
TOTAL						<u>69,164.51</u>
Bill Pmt -Check	03/24/2020	22083	GREGORY, CAMILLE	COBRA Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	03/20/2020			COBRA Reimbursement	60182.1 · Medical Insurance	1,658.87
TOTAL						<u>1,658.87</u>
Bill Pmt -Check	03/24/2020	22084	TOM DODSON & ASSOCIATES	CB271 20-3	1012 · Bank of America Gen'l Ckg	
Bill	03/20/2020	CB271 20-3		February 2020 - OBMP Update PEIR	6908.1 · 2020 OBMP Update-Dodson & Assoc	34,649.55
				March 2020 - OBMP Update PEIR	6908.1 · 2020 OBMP Update-Dodson & Assoc	14,962.50
TOTAL						<u>49,612.05</u>
Bill Pmt -Check	03/26/2020	ACH 032620	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	03/21/2020	03/21/2020	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 03/08/20-03/21/20	2000 · Accounts Payable	8,180.70
TOTAL						<u>8,180.70</u>
Bill Pmt -Check	03/26/2020	ACH 032620	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
Bill	03/01/2020	15966678		Annual Unfunded Accrued Liability-Plan 3299	60180 · Employers PERS Expense	6,655.12
TOTAL						<u>6,655.12</u>
General Journal	03/31/2020	03/31/2020	Wage Works FSA Direct Debits - Mar. 2020	Wage Works FSA Direct Debits - Mar. 2020	1012 · Bank of America Gen'l Ckg	
				Wage Works FSA Direct Debits - Mar. 2020	1012 · Bank of America Gen'l Ckg	516.93
				Wage Works FSA Direct Debits - Mar. 2020	1012 · Bank of America Gen'l Ckg	516.93
				Wage Works FSA Direct Debits - Mar. 2020	1012 · Bank of America Gen'l Ckg	516.93
				Wage Works FSA Direct Debits - Mar. 2020	1012 · Bank of America Gen'l Ckg	76.25
TOTAL						<u>1,627.04</u>
					Total Disbursements:	<u><u>799,575.11</u></u>



CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: May 21, 2020

TO: Advisory Committee

SUBJECT: VISA Check Detail Report - Financial Report B2 (March 31, 2020)
(Consent Calendar Item I.B.2.)

SUMMARY

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

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

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

Future Consideration

Advisory Committee – May 21, 2020: Receive and File

Watermaster Board – May 28, 2020: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – May 14, 2020: Received and filed

Agricultural Pool – May 14, 2020: Received and filed

Non-Agricultural Pool – May 15, 2020: Moved unanimously to receive and file, without approval

Advisory Committee – May 21, 2020:

Watermaster Board – May 28, 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 March 2020 was \$4,069.68. The payment was processed in the amount of \$4,069.68 (by check number 22078 dated March 20, 2020). The monthly charges for March 2020 of \$4,069.68 were for routine and customary expenditures and properly documented with receipts.

ATTACHMENTS

1. Financial Report - B2

CHINO BASIN WATERMASTER
VISA Check Detail Report
March 2020

Type	Num	Date	Name	Memo	Account	Paid Amount
Bill Pmt -Check	03/20/2020	22078	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 - Bank of America Gen'l Ckg	
Bill	02/29/2020	XXXX-XXXX-XXXX-9341		Miscellaneous office supplies	6031.7 - Other Office Supplies	41.80
				Miscellaneous office supplies	6031.7 - Other Office Supplies	41.88
				Miscellaneous office supplies	6031.7 - Other Office Supplies	26.86
				Lunch for Approp. Pool mtg. at City of Ontario	8312 - Meeting Expenses	271.70
				Miscellaneous office supplies	6031.7 - Other Office Supplies	139.72
				Miscellaneous office supplies	6031.7 - Other Office Supplies	8.59
				Administrative lunch	6141.3 - Admin Meetings	94.09
				Miscellaneous office supplies	6031.7 - Other Office Supplies	32.19
				Administrative meeting	6141.3 - Admin Meetings	19.35
				Reg. for staff-AGWA-AGWT Annual GW Conf.	6193.2 - Conference - Registration Fee	219.47
				Lunch-staff and consultants for mtg. prep	6909.1 - OBMP Meetings	140.53
				Lunch-staff and consultants for mtg. prep	6909.1 - OBMP Meetings	9.47
				Reg. for staff-AGWA-AGWT Annual GW Conf.	6193.2 - Conference - Registration Fee	927.75
				Lunch for administrative meeting	6141.3 - Admin Meetings	66.69
				Replacement battery for power supply	6055 - Computer Hardware	69.34
				Miscellaneous office supplies	6031.7 - Other Office Supplies	21.06
				Uniforms for office staff	6154 - Uniforms	161.72
				Miscellaneous office supplies	6031.7 - Other Office Supplies	163.28
				Miscellaneous office supplies	6031.7 - Other Office Supplies	17.81
				Lunch for administrative meeting	6141.3 - Admin Meetings	96.88
				Lunch for Board Officers meeting	6312 - Meeting Expenses	101.11
				Miscellaneous office supplies	6031.7 - Other Office Supplies	11.81
				Miscellaneous office supplies	6031.7 - Other Office Supplies	56.74
				Miscellaneous office supplies	6031.7 - Other Office Supplies	120.30
				Miscellaneous office supplies	6031.7 - Other Office Supplies	9.13
				Annual membership for Amazon Prime	6111 - Membership Dues	127.91
				Miscellaneous office supplies	6031.7 - Other Office Supplies	5.28
				Miscellaneous office supplies	6031.7 - Other Office Supplies	10.73
				Lunch for prep meeting for OBMPU IP	6909.1 - OBMP Meetings	161.49
				Lunch for prep meeting for OBMPU IP	6909.1 - OBMP Meetings	10.36
				Miscellaneous office supplies	6031.7 - Other Office Supplies	332.82
				Lunch for Budget mtg w/WE Inc	6909.1 - OBMP Meetings	81.60
				Miscellaneous office supplies	6031.7 - Other Office Supplies	42.91
				Miscellaneous office supplies	6031.7 - Other Office Supplies	95.66
				PK meeting w/G. Filippi	6312 - Meeting Expenses	9.93
				PK meeting w/Pierson, Curatalo, Kuhn	6312 - Meeting Expenses	67.73
				PK meeting w/CVWD	8312 - Meeting Expenses	25.92
				PK meeting w/R. Hoerning, G. Filippi	8312 - Meeting Expenses	25.77
				PK meeting w/S. Elie	6312 - Meeting Expenses	26.49

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CHINO BASIN WATERMASTER
 VISA Check Detail Report
 March 2020

<u>Type</u>	<u>Num</u>	<u>Date</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Paid Amount</u>
				PK meeting w/B. DiPrimio	6312 · Meeting Expenses	44.68
				PK meeting w/J. Bosler, J. Scott-Coe	8312 · Meeting Expenses	39.96
				PK meeting w/M. Litchfield	8312 · Meeting Expenses	17.30
				PK meeting w/City of Ontario	8312 · Meeting Expenses	46.17
				PK meeting w/J. Bosler, C. Fealy	8312 · Meeting Expenses	27.70
					Total Disbursements:	<u><u>\$4,069.68</u></u>

TOTAL

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CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: May 21, 2020

TO: Advisory Committee

SUBJECT: Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2019 through March 31, 2020 - Financial Report B3 (March 31, 2020)
(Consent Calendar Item I.B.3.)

SUMMARY

Issue: Record of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2019 through March 31, 2020.

Recommendation: Receive and file Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2019 through March 31, 2020 as presented.

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

Future Consideration

Advisory Committee – May 21, 2020: Receive and File

Watermaster Board – May 28, 2020: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – May 14, 2020: Received and filed

Agricultural Pool – May 14, 2020: Received and filed

Non-Agricultural Pool – May 15, 2020: Moved unanimously to receive and file, without approval

Advisory Committee – May 21, 2020:

Watermaster Board – May 28, 2020:

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

BACKGROUND

A Combining Schedule of Revenue, Expenses and Changes in Net Assets for the period July 1, 2019 through March 31, 2020 is provided to keep all members apprised of the FY 2019/20 cumulative Watermaster revenues, expenditures and changes in net assets for the period listed.

DISCUSSION

The Combining Schedule of Revenue, Expenses and Changes in Net Assets has been created from various financial reports and statements created from Intuit QuickBooks Enterprise Solutions 18.0, the Watermaster accounting system. The Combining Schedule provided balances to the supporting documentation in the Watermaster accounting system as presented.

ATTACHMENTS:

1. Financial Report - B3

CHINO BASIN WATERMASTER
 COMBINING SCHEDULE OF REVENUE, EXPENSES AND CHANGES IN NET ASSETS
 FOR THE PERIOD JULY 1, 2019 THROUGH MARCH 31, 2020

	WATERMASTER ADMINISTRATION	OPTIMUM BASIN MANAGEMENT	POOL ADMINISTRATION & SPECIAL PROJECTS			GROUNDWATER REPLENISHMENT	LAIF VALUE ADJ.	GASB 75 BEG. NET POSITION	GRAND TOTALS	AMENDED BUDGET 2019-2020
			APPROPRIATIVE POOL	AG POOL	NON-AG POOL					
Administrative Revenues:										
Administrative Assessments			8,030,143		364,536				8,394,678	8,395,297
Interest Revenue			141,127	8,612	1,926				151,665	75,124
Mutual Agency Project Revenue	171,905								171,905	171,906
Miscellaneous Income	74								74	0
Total Revenues	171,979	-	8,171,270	8,612	366,462	-	-	-	8,718,323	8,642,327
Administrative & Project Expenditures:										
Watermaster Administration	1,179,215								1,179,215	1,589,738
Watermaster Board-Advisory Committee	120,237								120,237	234,147
Ag Pool Misc. Expense - Ag Fund										400
Pool Administration			159,030	306,649	72,667				538,346	798,473
Optimum Basin Mgmt Administration		1,891,432							1,891,432	2,308,840
OBMP Project Costs		2,217,585							2,217,585	3,980,468
Debt Service		526,276							526,276	633,440
Basin Recharge Improvements										1,634,782
Total Administrative/OBMP Expenses	1,299,452	4,635,292	159,030	306,649	72,667	-	-	-	6,473,090	11,180,288
Net Administrative/OBMP Expenses	(1,127,473)	(4,635,292)								
Allocate Net Admin Expenses To Pools	<u>1,127,473</u>		847,996	243,775	35,703					
Allocate Net OBMP Expenses To Pools		4,109,016	3,128,141.71	888,424	92,451					
Allocate Debt Service to App Pool		526,276	526,276							
Allocate Basin Recharge to App Pool										
Agricultural Expense Transfer*			1,438,847	(1,438,847)						
Total Expenses	6,100,291	-	6,100,291	-	200,820	-	-	-	6,473,090	11,180,288
Net Administrative Income			2,070,978	8,612	165,642	-	-	-	2,245,232	(2,537,961)
Other Income/(Expense)										
Replenishment Water Assessments						1,059,430			1,059,430	0
Desalter Replenishment Obligation						61,942			61,942	0
Non-Ag Stored Water Purchases										0
Exhibit "G" Non-Ag Pool Water			675,000						675,000	0
RTS Charges from IEUA						(31,147)			(31,147)	0
Interest Revenue						3,016			3,016	0
MWD Water Purchases										0
Non-Ag Stored Water Purchases										0
Exhibit "G" Non-Ag Pool Water										0
MWD Water Purchases										0
Groundwater Replenishment						(1,413,794)			(1,413,794)	0
LAIF - Fair Market Value Adjustment										0
Other Post-Employment Benefits (OPEB)										0
Refund-Excess Reserves			(271,110)						(271,110)	0
Refund-Recharge Debt			(64,564)						(64,564)	0
Funding To/(From) Reserves										(225,500)
Net Other Income/(Expense)			339,326	-	-	(320,554)	-	-	18,771	(225,500)
Net Transfers To/(From) Reserves	2,264,004	0	2,410,304	8,612	165,642	(320,554)	-	-	2,264,004	(2,312,461)
Net Assets, July 1, 2019			7,737,657	505,144	25,310	314,372	16,184	(443,445)	8,155,223	
Net Assets, End of Period			10,147,961	513,756	190,952	(6,182)	16,184	(443,445)	10,419,227	10,419,227
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.



CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: May 21, 2020
TO: Advisory Committee
SUBJECT: Treasurer's Report of Financial Affairs for the Period March 1, 2020 through March 31, 2020 - Financial Report B4 (March 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 March 1, 2020 through March 31, 2020.

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

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

Future Consideration

Advisory Committee – May 21, 2020: Receive and File

Watermaster Board – May 28, 2020: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – May 14, 2020: received and filed

Agricultural Pool – May 14, 2020: received and filed

Non-Agricultural Pool – May 15, 2020: Moved unanimously to receive and file, without approval

Advisory Committee – May 21, 2020:

Watermaster Board – May 28, 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 March 1, 2020 through March 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
MARCH 1, 2020 THROUGH MARCH 31, 2020**

Financial Report - B4

DEPOSITORIES:

Cash on Hand - Petty Cash			\$	500
Bank of America				
Governmental Checking-Demand Deposits	\$	423,571		
Zero Balance Account - Payroll		-		423,571
Trust Account - County of San Bernardino				845
Local Agency Investment Fund - Sacramento				11,140,879
TOTAL CASH IN BANKS AND ON HAND				\$ 11,565,795
TOTAL CASH IN BANKS AND ON HAND				12,346,192
				\$ (780,397)

PERIOD INCREASE (DECREASE)

CHANGE IN CASH POSITION DUE TO:

Decrease/(Increase) in Assets:			\$	
Accounts Receivable				(89,679)
Assessments Receivable				(675,000)
Prepaid Expenses, Deposits & Other Current Assets				(10)
(Decrease)/Increase in Liabilities:				
Accounts Payable				205,207
Accrued Payroll, Payroll Taxes & Other Current Liabilities				(37,753)
Long Term Liabilities				2,963
Transfer to/(from) Reserves				(186,126)
				\$ (780,397)

PERIOD INCREASE (DECREASE)

SUMMARY OF FINANCIAL TRANSACTIONS:

	Petty Cash	Gov't'l Checking Demand	Zero Balance Account Payroll	Trust Account County of San Bernardino	Local Agency Investment Funds	Totals
Balances as of 2/29/2020	\$ 500	\$ 78,968	\$ -	\$ 845	\$ 12,265,879	\$ 12,346,192
Deposits	-	1,144,178	-	-	-	1,144,178
Transfers	-	(134,499)	(85,770)	-	(1,125,000)	(1,345,269)
Withdrawals/Checks	-	(665,076)	85,770	-	-	(579,306)
	\$ 500	\$ 423,571	\$ -	\$ 845	\$ 11,140,879	\$ 11,565,795
PERIOD INCREASE OR (DECREASE)	\$ -	\$ 344,603	\$ -	\$ -	\$ (1,125,000)	\$ (780,397)

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

INVESTMENT TRANSACTIONS

Effective Date	Transaction	Depository	Activity	Redeemed	Days to Maturity	Interest Rate(*)	Maturity Yield
3/3/2020	Withdrawal		(1,125,000)				
TOTAL INVESTMENT TRANSACTIONS			\$ (1,125,000)	\$0			

* The earnings rate for L.A.I.F. is a daily variable rate; 2.03% was the effective yield rate at the Quarter ended March 31, 2020.

**INVESTMENT STATUS
March 31, 2020**

<u>Financial Institution</u>	<u>Principal Amount</u>	<u>Number of Days</u>	<u>Interest Rate</u>	<u>Maturity Date</u>
Local Agency Investment Fund	\$ 11,140,879			
TOTAL INVESTMENTS	\$ 11,140,879			

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: May 21, 2020
TO: Advisory Committee
SUBJECT: Budget vs. Actual Report for the Period July 1, 2019 through March 31, 2020 -
Financial Report B5 (March 31, 2020)
(Consent Calendar Item I.B.5.)

SUMMARY

Issue: Record of revenues and expenses of Watermaster for the Period of July 1, 2019 through March 31, 2020.

Recommendation: Receive and file Budget vs. Actual Report for the Period July 1, 2019 through March 31, 2020 as presented.

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

Future Consideration

Advisory Committee – May 21, 2020: Receive and File

Watermaster Board – May 28, 2020: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – May 14, 2020: Received and filed

Agricultural Pool – May 14, 2020: Received and filed

Non-Agricultural Pool – May 15, 2020: Moved unanimously to receive and file, without approval

Advisory Committee – May 21, 2020:

Watermaster Board – May 28, 2020:

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

BACKGROUND

A Budget vs. Actual Report for the period July 1, 2019 through March 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 – MARCH 2020

Year-To-Date (YTD) for the nine months ending March 31, 2020, all but three categories were at or below the projected budget. The categories over budget were: (1) Watermaster Legal Services expenses (6070's) over budget by \$34,620 or 16.0% as a result of ongoing legal services compared to the Y-T-D budget in the miscellaneous category of (6078) over the last nine months; (2) Appropriative Pool Administration expenses (8300's) over budget by \$10,692 or 7.2% as a result of increased legal activities by the Appropriative Pool attorney for the last six months of October 2019 through March 2020; and (3) Agricultural Pool Legal Services (8467's) over budget by \$14,481 or 6.4% as a result of increased legal activities performed by the Agricultural Pool's attorney during the last six months of October 2019 through March 2020. For the majority of the expense categories within the Watermaster budget for FY 2019/20, the individual line-item budgets are divided into 12-monthly amounts and allocated accordingly. As the fiscal year progresses, the categories listed above could level out over time and be within the budget levels.

Watermaster is not submitting a Budget Transfer Form or Budget Amendment Form at the present time. A Budget Transfer reallocates the existing FY 2019/20 approved budget, which does not increase the approved budget amount. A Budget Amendment would reallocate funding from the Reserve Funds, and does increase the overall FY 2019/20 approved budget.

Overall, the Watermaster (YTD) Actual Expenses were \$3,242,551 or 33.4% below the (YTD) Budgeted Expenses of \$9,715,641.

PREVIOUSLY REPORTED ACTIONS (Descending Order)

February 2020:

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

December 2019:

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 Budget Amendment Form A-19-12-01 was approved unanimously by the Board on December 19, 2019. For the accounting month of December 2019, Budget Amendment Form A-19-12-01 was recorded in the amount of \$225,500 under the 2020 OBMP Update - Dodson & Associates expenses (account 6908.1). The additional funding of \$225,500 came from the OBMP Reserve Fund which had an available balance of \$908,044. The new available balance of the OBMP Reserve Fund is now \$682,544 ($\$908,044 - \$225,500 = \$682,544$). With the addition of the \$225,500 from Budget Amendment Form A-19-12-01, the Approved "Amended" Budget for FY 2019/20 was increased from \$10,954,787.70 to \$11,180,287.70 (which includes the additional "Carry Over" funding of \$2,312,460.70).

August 2019:

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

July 2019:

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

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

SALARIES EXPENSE

CURRENT MONTH – MARCH 2020

As of March 31, 2020, the total (YTD) Watermaster salary expenses were \$58,127 or 3.4% below the (YTD) budgeted amount of \$1,513,302. The overall staffing budget was developed with a staffing level of ten Full-Time Equivalents (FTE's), and staffing is currently at ten Full-Time Equivalents (FTE's).

Watermaster utilizes an in-house database time and attendance system to track and record staff's actual hours worked and records those hours to a specific project or activity. This time and attendance database of captured staff hours and activities is the basis for the bi-weekly payrolls which are processed using an external payroll processing service. Watermaster staff can record time to a large number of activities but the five most used categories are as follows (1) General Administrative activities; (2) Paid Leaves of vacation, sick or holiday; (3) Pools, Advisory or Board Meeting attendance; (4) OBMP activities; and (5) OBMP Implementation Program Elements 1 through 9 activities.

When the FY 2019/20 budget was developed, basic assumptions were used in allocating how staff's time would be spent and on which of the projects or activities. The staffing dollars were then allocated into those specific areas and budgeted on a 1/12 monthly budget. When actual staffing activities vary from the budgeted assumptions, a positive or negative variance can be created. Currently, the allocations are tracking within budget.

The table summarizes the Year-To-Date (YTD) Actual Watermaster salary costs compared to the Year-To-Date (YTD) Budget as of March 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 '19 - Mar '20 Actual	Jul '19 - Mar '20 Budget	\$ Over Budget	% of Budget	FY 2019/20 Annual Budget
WM Salary Expense					
6011 · WM Staff Salaries	798,618.33	813,627.00	-15,008.67	98.16%	1,084,836.00
6011.1 · WM Staff Salaries - Overtime	14,134.05	0.00	14,134.05	100.0%	0.00
6011.4 · 457(f) NQDC Plan	25,180.52	28,896.00	-3,715.48	87.14%	38,528.00
6017 · Temporary Services	1,128.64	15,750.00	-14,621.36	7.17%	21,000.00
6201 · Advisory Committee - WM Staff Salaries	14,536.49	20,550.00	-6,013.51	70.74%	27,400.00
6301 · Watermaster Board - WM Staff Salaries	28,053.72	32,819.00	-4,765.28	85.48%	43,759.00
8301 · Appropriative Pool - WM Staff Salaries	32,391.36	30,475.00	1,916.36	106.29%	40,634.00
8401 · Agricultural Pool - WM Staff Salaries	18,778.75	25,866.00	-7,087.25	72.6%	34,488.00
8501 · Non-Agricultural Pool - WM Staff Salaries	15,418.94	17,719.00	-2,300.06	87.02%	23,626.00
6901 · OBMP - WM Staff Salaries	183,984.26	94,770.00	89,214.26	194.14%	126,360.00
7101.1 · Production Monitor - WM Staff Salaries	48,876.79	57,970.00	-9,093.21	84.31%	77,293.00
7102.1 · In-line Meter - WM Staff Salaries	0.00	12,733.00	-12,733.00	0.0%	16,978.00
7103.1 · Grdwater Quality - WM Staff Salaries	39,666.14	43,241.00	-3,574.86	91.73%	57,654.00
7104.1 · Grdwater Level - WM Staff Salaries	56,266.34	44,189.00	12,077.34	127.33%	58,918.00
7107.1 · GrdLevel Monitoring - WM Staff Salarie	711.20	4,552.00	-3,840.80	15.62%	6,072.00
7108.1 · Hydraulic Control - WM Staff Salaries	1,133.01	3,078.00	-1,944.99	36.81%	4,104.00
7108.11 · Prado Basin - WM Staff Salaries	399.02	4,502.00	-4,102.98	8.86%	6,003.00
7201 · Comp Recharge - WM Staff Salaries	39,877.73	46,390.00	-6,512.27	85.96%	61,853.00
7301 · PE3&5 - WM Staff Salaries	199.52	12,911.00	-12,711.48	1.55%	17,214.00
7401 · PE4 - WM Staff Salaries	3,468.05	7,906.00	-4,437.95	43.87%	10,541.00
7501 · PE6&7 - WM Staff Salaries	1,136.84	4,253.00	-3,116.16	26.73%	5,671.00
7501.1 · PE 6&7 - WM Staff Salaries (Plume)	0.00	4,061.00	-4,061.00	0.0%	5,415.00
7601 · PE8&9 - WM Staff Salaries	9,740.04	17,114.00	-7,373.96	56.91%	22,818.00
Subtotal WM Staff Costs	1,333,699.74	1,343,372.00	-9,672.26	99.28%	1,791,165.00
60185 · Vacation	47,116.85	61,653.00	-14,536.15	76.42%	82,204.00
60186 · Sick Leave	16,599.23	42,369.00	-25,769.77	39.18%	56,493.00
60187 · Holidays	57,759.33	65,908.00	-8,148.67	87.64%	70,615.00
Subtotal WM Paid Leaves	121,475.41	169,930.00	-48,454.59	71.49%	209,312.00
Total WM Salary Costs	1,455,175.15	1,513,302.00	-58,126.85	96.16%	2,000,477.00

PREVIOUSLY REPORTED ACTIONS (Descending Order)

January 2020:

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

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

LEGAL SERVICES
BROWNSTEIN HYATT FARBER SCHRECK EXPENSES

CURRENT MONTH – MARCH 2020

As of March 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 \$111,524 or 15.1% below the (YTD) budgeted amount of \$742,508.

The Watermaster Legal Services budget was developed jointly by the Watermaster staff and Brownstein Hyatt Farber Schreck staff with specific assumptions regarding the tasks and legal activities that would occur during FY 2019/20. The total legal services budget was developed by multiplying the number of hours that would be required to complete the specific tasks by the hourly rate. The "Approved" budget was adopted for the original amount of \$958,953.

WATERMASTER ADMINISTRATIVE LEGAL SERVICES:

Overall, the Watermaster Administrative Legal Services expense (6070's) as of March 31, 2020, was \$34,620 or 16.0% above the budgeted amount of \$216,848. The specific items within the Administrative Legal Services expenses (6070's) which were over budget were the Rules and Regulations (6072) which were over budget by \$539 or 6.6%; the Miscellaneous (6078) which were over budget by \$148,162 or 205.3%; and the Ely Basin Investigation (6078.25) which were over budget by \$2,064 or 100%. Please see Note 1 on the following page for a more detailed explanation of the miscellaneous types of expenses (6078).

The specific items within the Administrative Legal Services expenses (6070's) which were under budget were the expenses for Court Coordination expenses (6072) under budget by \$22,612 or 78.7%; Personnel Matters (6073) under budget by \$2,164 or 21.9%; Interagency Issues (6074) under budget by \$26,730 or 100.0%; Party Status Maintenance expenses (6077) under budget by \$10,028 or 71.3%; and Assessment Packages-Updates (6078.13) under budget by \$54,611 or 95.6%.

WATERMASTER POOLS, ADVISORY AND BOARD LEGAL SERVICES:

The Pools, Advisory Committee and the Board meeting legal expenses from BHFS are captured by month within the accounts (6275, 6375, 6375.1, 8375, 8475 and 8575). The legal service costs associated with the Board Workshop(s) are also included as part of this group. Overall, this category of legal expenses as of March 31, 2020 was \$62,765 or 43.8% below the budgeted amount of \$143,438. Normal Brownstein Hyatt Farber Schreck meeting attendance during any given month includes attendance at all three pool meetings, one Advisory Committee meeting and one Board meeting. For the month of August 2019, no Watermaster meetings were held. The legal services budget was developed with the assumption of having eleven months of meetings, intentionally excluding the month of December 2019. For December 2019, meetings were conducted during the month.

OBMP LEGAL SERVICES:

The OBMP legal expenses (accounts 6907.31 through 6907.90) were below the budget for the month. As of March 31, 2020, the category of OBMP legal expenses were \$83,379 or 21.8% below the budgeted amount of \$382,222. The majority of expenses within this OBMP category were under budget (YTD), however, the Santa Ana River Water Rights expenses (6907.34) were over budget by \$1,707 or 14.0%; the OBMP Update expenses (6907.45) were over budget by \$146,868 or 181.0%; and the Upper SAR Integrated Model expenses (6907.46) were over budget by \$178 or 100%.

The table listed below summarizes the Brownstein Hyatt Farber Schreck (BHFS) expenses as of March 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 '19 - Mar '20 Actual	Jul '19 - Mar '20 Budget	\$ Over Budget	% of Budget	FY 2019/20 Annual Budget
6070 · Watermaster Legal Services					
6071 · BHFS Legal - Court Coordination	6,112.80	28,725.00	-22,612.20	21.28%	38,300.00
6072 · BHFS Legal - Rules & Regulations	8,658.12	8,119.00	539.12	106.64%	10,825.00
6073 · BHFS Legal - Personnel Matters	7,735.95	9,900.00	-2,164.05	78.14%	9,900.00
6074 · BHFS Legal - Interagency Issues	0.00	26,730.00	-26,730.00	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	4,034.25	14,062.00	-10,027.75	28.69%	18,750.00
6078 · BHFS Legal - Miscellaneous (Note 1)	220,324.16	72,162.00	148,162.16	305.32%	95,550.00
6078.13 · BHFS - Assessment Packages-Updates	2,539.35	57,150.00	-54,610.65	4.44%	57,150.00
6078.25 · BHFS - Ely # Basin Investigation	2,063.70	0.00	2,063.70	100.0%	0.00
Total 6070 · Watermaster Legal Services	251,468.33	216,848.00	34,620.33	115.97%	266,115.00
6275 · BHFS Legal - Advisory Committee	7,898.66	15,840.00	-7,941.34	49.87%	21,780.00
6375 · BHFS Legal - Board Meeting	36,477.38	56,160.00	-19,682.62	64.95%	77,220.00
6375.1 · BHFS Legal - Board Workshop(s)	0.00	12,038.00	-12,038.00	0.0%	12,038.00
8375 · BHFS Legal - Appropriative Pool	12,129.99	19,800.00	-7,670.01	61.26%	27,225.00
8475 · BHFS Legal - Agricultural Pool	12,108.02	19,800.00	-7,691.98	61.15%	27,225.00
8575 · BHFS Legal - Non-Ag Pool	12,058.50	19,800.00	-7,741.50	60.9%	27,225.00
Total BHFS Legal Services	80,672.55	143,438.00	-62,765.45	56.24%	192,713.00
6907.3 · WM Legal Counsel					
6907.31 · Archibald South Plume	0.00	9,843.00	-9,843.00	0.0%	13,125.00
6907.32 · Chino Airport Plume	0.00	9,843.00	-9,843.00	0.0%	13,125.00
6907.33 · Desalter/Hydraulic Control	89.10	17,718.00	-17,628.90	0.5%	23,625.00
6907.34 · Santa Ana River Water Rights	13,914.00	12,207.00	1,707.00	113.98%	16,275.00
6907.36 · Santa Ana River Habitat	3,048.30	35,512.00	-32,463.70	8.58%	47,350.00
6907.38 · Reg. Water Quality Cntrl Board	623.70	20,662.00	-20,038.30	3.02%	27,550.00
6907.39 · Recharge Master Plan	5,393.28	16,275.00	-10,881.72	33.14%	21,700.00
6907.40 · Storage Agreements	0.00	25,051.00	-25,051.00	0.0%	33,400.00
6907.41 · Prado Basin Habitat Sustainability	1,690.65	12,188.00	-10,497.35	13.87%	16,250.00
6907.42 · Safe Yield Recalculation	0.00	0.00	0.00	0.0%	0.00
6907.44 · SGMA Compliance	1,024.65	8,138.00	-7,113.35	12.59%	10,850.00
6907.45 · OBMP Update	228,016.61	81,149.00	146,867.61	280.99%	108,200.00
6907.46 · Upper SAR Integrated Model	178.20	0.00	178.20	100.0%	0.00
6907.47 · 2020 Safe Yield Reset	44,864.28	81,149.00	-36,284.72	55.29%	108,200.00
6907.48 · Ely Basin Investigation	0.00	28,525.00	-28,525.00	0.0%	28,525.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	23,962.00	-23,962.00	0.0%	31,950.00
Total 6907 · WM Legal Counsel	298,842.77	382,222.00	-83,379.23	78.19%	500,125.00
Total Brownstein, Hyatt, Farber, Schreck Costs	630,983.65	742,508.00	-111,524.35	84.98%	958,953.00

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

PREVIOUSLY REPORTED ACTIONS (Descending Order)

None

OBMP ENGINEERING SERVICES AND LEGAL COSTS

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 – MARCH 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 nine months ending March 31, 2020, the actual expenses of \$1,762,144 were below the budgeted amount of \$1,812,661 by \$50,517 or 2.8%. For a detailed discussion, the following is provided.

For March 31, 2020, the accounts 6901-6903 (Optimum Basin Mgmt. Program) section was above the Year-To-Date (YTD) budget by \$77,854 or 64.3%. 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 \$89,214 or 94.1%. The remaining expense was the Santa Ana Watershed Project Authority (SAWPA) FY 2019/20 Basin Monitoring Program Task Force Contribution which was budgeted at \$26,392 and actual expenses were \$11,360 or 43.1% below budget as of March 31, 2020.

For March 31, 2020, the accounts 6906 (Optimum Basin Mgmt. Program Engineering Services) section was above the Year-To-Date (YTD) budget by \$35,003 or 3.3%. The majority of expenses within this OBMP category were under budget (YTD), however, the accounts which were over budget were as follows: the 2019 OBMP Update expenses (6906.26) which were over budget by \$89,306 or 24.4%; the OBMP Data Requests - CBWM Staff expenses (6906.71) which were over budget by \$7,430 or 7.8%; and the OBMP-Safe Yield Recalculation expenses (6906.73) which were over budget by \$91,953 or 39.7%.

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 \$148,753 while some other line item activities were below the budget by \$232,132. Above the budget line item were the Santa Ana River Water Rights expenses of \$1,707; the OBMP Update expenses of \$146,868; and the Upper SAR Integrated Model expenses of \$178. The individual legal projects/activities that were below budget for the Year-To-Date (YTD) period were the Archibald South Plume of \$9,843; the Chino Airport Plume of \$9,843; the Desalter/Hydraulic Control of \$17,629; Santa Ana River Habitat of \$32,464; the Regional Water Quality Control Board of \$20,038; the Recharge Master Plan expenses of \$10,882; Storage Agreements of \$25,051; the Prado Basin Habitat Sustainability of \$10,497; SGMA Compliance of \$7,113; the 2020 Safe Yield Reset of \$36,285; the Ely Basin Investigation expenses of \$28,525; and the WM Unanticipated legal expenses of \$23,962. For the nine months ended March 31, 2020, the overall cumulative (YTD) budget was \$382,222 and the actual (BHFS) legal expenses totaled \$298,843 which resulted in an under-budget variance of \$83,379 or 21.8%.

The OBMP Update Costs (6908.1) were below the budget for the month. These expenses relate to the OBMP Update costs for the contract between Tom Dodson and Associates and CBWM to procure environmental review services for the 2020 OBMP Update. This budget was funded through Budget Amendment A-19-12-01 in the amount of \$225,500. Budget Amendment A-19-12-01 was adopted by the Board on December 19, 2019. As of March 31, 2020, this category of expenses was \$76,132 or 33.8% below the budgeted amount of \$225,500.

The OBMP Other Expenses (6909's) were below the budget for the month. These expenses are typically conference calls, meeting expenses, supplies, annual inspection fees, and other miscellaneous type expenses. As of March 31, 2020, this category of expenses was \$3,862 or 47.5% below the budgeted amount of \$8,125.

Overall, the Optimum Basin Management Program (OBMP) category was \$1,762,144 compared to a (YTD) budget of \$1,812,661 for an under budget of \$50,517 or 2.8% as of March 31, 2020.

The table listed below summarizes the Optimum Basin Management Program (OBMP) expenses as of March 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 '19 - Mar '20 Actual	Jul '19 - Mar '20 Budget	\$ Over Budget	% of Budget	FY 2019/20 Annual Budget
6900 · Optimum Basin Mgmt Plan					
6901 · WM Staff Salaries	183,984.26	94,770.00	89,214.26	194.14%	126,360.00
6903 · OBMP SAWPA Group	15,032.00	26,392.00	-11,360.00	56.96%	26,392.00
Total 6901-6903 · OBMP WM Staff/SAWPA	199,016.26	121,162.00	77,854.26	164.26%	152,752.00
6906 · OBMP Engineering Services					
6906.1 · OBMP - Watermaster Model Update	1,541.70	4,280.00	-2,738.30	36.02%	4,280.00
6906.15 · Integrated Model Mtgs. - IEUA Costs	5,841.10	15,660.00	-9,818.90	37.3%	20,880.00
6906.17 · Planning Study Analysis	5,934.50	8,870.00	-2,935.50	66.91%	11,826.00
6906.18 · Prado Dam FS/EIS/EIR-50% IEUA	0.00	13,919.00	-13,919.00	0.0%	18,560.00
6906.21 · State of the Basin Report	0.00	0.00	0.00	0.0%	0.00
6906.22 · Water Rights Compliance Reporting	11,386.55	15,498.00	-4,111.45	73.47%	20,664.00
6906.23 · SGMA Reporting Requirements	7,721.10	10,193.00	-2,471.90	75.75%	13,590.00
6906.24 · Compliance - SB88 and SWRCB	3,752.30	6,332.00	-2,579.70	59.26%	8,444.00
6906.26 · 2019 OBMP Update	455,978.02	366,672.00	89,306.02	124.36%	388,896.00
6906.27 · HCP Meetings/Tech. Review-IEUA Cost	0.00	11,347.00	-11,347.00	0.0%	15,130.00
6906.28 · Agriculture Prod. & Estimation	1,730.10	17,415.00	-15,684.90	9.94%	23,220.00
6906.31 · OBMP - Pool, Advisory, Board Mtgs.	62,310.92	77,531.00	-15,220.08	80.37%	103,374.00
6906.32 · OBMP - Other General Meetings	63,576.75	63,640.00	-63.25	99.9%	84,853.00
6906.71 · OBMP - Data Requests - CBWM Staff	102,653.00	95,223.00	7,430.00	107.8%	126,964.00
6906.72 · OBMP - Data Requests - Non CBWM	21,979.19	38,235.00	-16,255.81	57.48%	50,980.00
6906.73 · OBMP - Safe Yield Recalculation	323,408.07	231,455.00	91,953.07	139.73%	276,608.00
6906.74 · OBMP - Mat'l Phy. Injury Requests	11,328.60	56,233.00	-44,904.40	20.15%	74,977.00
6906.81 · Prepare Annual Reports	10,059.10	15,416.00	-5,356.90	65.25%	15,416.00
6906 · OBMP Engineering Services - Other	21,453.63	27,733.00	-6,279.37	77.36%	36,976.00
Total 6906 · OBMP Engineering Services	1,110,654.63	1,075,652.00	35,002.63	103.25%	1,295,638.00
6907 · OBMP Legal Fees					
6907.3 · WM Legal Counsel					
6907.31 · Archibald South Plume	0.00	9,843.00	-9,843.00	0.0%	13,125.00
6907.32 · Chino Airport Plume	0.00	9,843.00	-9,843.00	0.0%	13,125.00
6907.33 · Desalter/Hydraulic Control	89.10	17,718.00	-17,628.90	0.5%	23,625.00
6907.34 · Santa Ana River Water Rights	13,914.00	12,207.00	1,707.00	113.98%	16,275.00
6907.36 · Santa Ana River Habitat	3,048.30	35,512.00	-32,463.70	8.58%	47,350.00
6907.38 · Reg. Water Quality Cntrl Board	623.70	20,662.00	-20,038.30	3.02%	27,550.00
6907.39 · Recharge Master Plan	5,393.28	16,275.00	-10,881.72	33.14%	21,700.00
6907.40 · Storage Agreements	0.00	25,051.00	-25,051.00	0.0%	33,400.00
6907.41 · Prado Basin Habitat Sustainability	1,690.65	12,188.00	-10,497.35	13.87%	16,250.00
6907.42 · Safe Yield Recalculation	0.00	0.00	0.00	0.0%	0.00
6907.44 · SGMA Compliance	1,024.65	8,138.00	-7,113.35	12.59%	10,850.00
6907.45 · OBMP Update	228,016.61	81,149.00	146,867.61	280.99%	108,200.00
6907.46 · Upper SAR Integrated Model	178.20	0.00	178.20	100.0%	0.00
6907.47 · 2020 Safe Yield Reset	44,864.28	81,149.00	-36,284.72	55.29%	108,200.00
6907.48 · Ely Basin Investigation	0.00	28,525.00	-28,525.00	0.0%	28,525.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	23,962.00	-23,962.00	0.0%	31,950.00
Total 6907 · WM Legal Counsel	298,842.77	382,222.00	-83,379.23	78.19%	500,125.00
Total 6907 · OBMP Legal Fees	298,842.77	382,222.00	-83,379.23	78.19%	500,125.00
6908 · OBMP Updates					
6908.1 · 2020 OBMP Update-Dodson & Assoc.	149,367.85	225,500.00	-76,132.15	66.24%	225,500.00
Total 6908 · OBMP Updates	149,367.85	225,500.00	-76,132.15	66.24%	225,500.00
6909 · OBMP Other Expenses					
6909.1 · OBMP Meetings	3,026.83	1,125.00	1,901.83	269.05%	1,500.00
6909.3 · Other OBMP Expenses	1,236.00	2,000.00	-764.00	61.8%	2,000.00
6909.6 · OBMP Expenses - Miscellaneous	0.00	5,000.00	-5,000.00	0.0%	5,000.00
6909 · OBMP Other Expenses - Other	0.00	0.00	0.00	0.0%	0.00
Total 6909 · OBMP Other Expenses	4,262.83	8,125.00	-3,862.17	52.47%	8,500.00
Total 6900 · Optimum Basin Mgmt Plan	1,762,144.34	1,812,661.00	-50,516.66	97.21%	2,182,515.00

PREVIOUSLY REPORTED ACTIONS (Descending Order)
None

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

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

CURRENT MONTH – MARCH 2020

As of March 31, 2020, the total (YTD) Engineering Services expenses were \$405,461 or 17.2% below the (YTD) budget amount of \$2,357,738. The OBMP Implementation Projects (consolidated accounts 7100's – 7700's) were all under budget of as of March 31, 2020, except for the Hydraulic Control-Laboratory Services expenses (7108.4) which were over budget by \$11,006 or 169.9%; the PE4-Engineering expenses (7402) which were over budget by \$9,218 or 9.7%; the PE6&7-Engineering expenses (7502) which were over budget by 10,766 or 15.59%; and the PE6&7-SAWBMP Task Force-50% IEUA expenses (7511) which were over budget by \$8,528 or 63.9%.

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

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

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

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

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

Acct #	Description	Original Budget	Revised Budget	Billed Jul-19	Billed Aug-19	Billed Sep-19	Billed Oct-19	Billed Nov-19	Billed Dec-19	Billed Jan-20
6906	OBMP Engineering	\$ 675,564	\$ 675,564	\$ 31,137	\$ 27,491	\$ 31,283	\$ 30,883	\$ 36,382	\$ 35,211	\$ 57,831
6906.28	2020 OBMP Update	388,898	388,898	97,717	79,004	36,968	58,850	74,228	52,804	30,555
6906.73	2021 Safe Yield Recalculation	276,608	276,608	63,973	63,420	40,271	28,861	30,125	32,111	40,755
6906.15	IEUA - Integrated Model Meetings and Technical S	20,880	20,880	9,514	-	813	-	-	-	-
6907.16	IEUA - CBP Evaluation and Conceptual Design S	-	-	5,789	1,043	11,842	17,478	1,500	8,917	1,705
6906.27	IEUA - HCP Meetings and Technical Review	15,130	15,130	-	-	-	-	-	-	-
6906.18	OCWD and Army Corps of Engineers Prado Dam	18,580	18,660	-	-	-	-	-	-	-
7103.3	GW and SW Quality - Engineering Services	217,941	217,941	19,922	37,873	17,283	17,604	11,204	8,568	20,004
7103.5	GW and SW Quality - Laboratory Services	92,709	92,709	4,532	28,015	28,516	15,784	-	7,310	332
7104.3	GW Level - Engineering Services	195,869	195,869	12,723	4,405	16,482	13,384	10,523	11,799	11,443
7104.8	GW Level - Contract Services	10,000	10,000	39	-	-	-	-	-	-
7104.9	GW Level - Capital Services	8,000	8,000	(7)	-	-	1,020	-	-	-
7107.2	Ground Level - Engineering Services	69,937	99,269	11,421	4,009	2,091	2,700	1,956	2,813	1,594
7107.30	Ground Level - SAR Imagery	88,752	88,752	12,000	-	-	-	-	-	-
7107.6	Ground Level - Contract Services	117,050	128,950	5,175	-	-	-	-	-	-
7107.8	Ground Level - Capital Equipment	13,044	13,044	520	132	89	-	83	85	133
7103.31	IEUA - Prado Basin Habitat Monitoring	74,066	74,066	1,380	1,402	635	1,704	2,060	9,232	21,097
7108.6	IEUA - PBHSP - Outside Pro	28,000	28,000	40,000	-	4,153	-	-	-	-
7108.3	Recharge & Well Monitoring - Engineering Serv.	25,260	25,260	-	3,010	-	-	5,030	-	-
7202.2	Comp Recharge - Engineering Services	47,609	47,609	1,162	388	1,268	1,824	1,038	294	1,011
7208	GRCC & IEUA - SB88 Specification to Ensure Co	-	-	-	-	7,448	95	80	-	59
7303	OBMP - Engineering Services - Desalters	10,160	10,160	-	-	-	-	-	-	-
7402	OBMP - Engineering Services - MZ1	111,038	111,038	20,871	39,892	18,924	3,011	1,205	2,170	3,342
7402.1	OBMP - Engineering Services - Northwest MZ1	7,500	204,261	6,111	15,243	19,947	7,879	17,895	21,801	10,034
7502	OBMP - Engineering Services - WQC	92,720	92,720	-	12,281	38,465	5,595	-	-	-
7510	IEUA - Update Recycled Water Permit - Salinity	-	77,138	3,595	601	4,320	12,834	533	3,878	771
7511	IEUA - As requested services to support Waterma	17,792	17,792	-	1,582	1,178	6,182	6,117	688	4,131
7512	IEUA - Triennial Recomputation of Ambient Water	24,584	24,584	-	-	-	-	-	-	-
Totals		\$ 2,545,666	\$ 2,858,795	\$ 337,571	\$ 309,660	\$ 280,961	\$ 226,338	\$ 200,055	\$ 196,677	\$ 204,596

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2019-20CBWWM_Invoice_Summary_ISBM_20200408--Projection Summary



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

Acct #	Description	Billed Feb-20	Billed Mar-20	Projected Apr-20	Projected May-20	Projected Jun-20	Total Projected	Less IEUA and GRCC Portion of Cost Share			
								Total Projected	Under / (Over) Rev Budget	YTD % Billed Rev Budget	Projected % Rev Budget
6906	OBMP Engineering	\$ 37,771	\$ 37,639	\$ 30,721	\$ 49,961	\$ 48,061	\$ 458,071	\$ 458,071	\$ 119,493	57%	79%
6906.28	2020 OBMP Update	11,208	11,848	500	18,750	6,750	480,009	480,009	(91,113)	117%	123%
6906.73	2021 Safe Yield Recalculation	39,967	-	57,288	58,000	-	435,769	435,769	(159,161)	116%	158%
6906.15	IEUA - Integrated Model Meetings and Technical S	1,355	-	2,000	2,000	2,000	17,682	8,841	12,039	56%	42%
6907.16	IEUA - CBP Evaluation and Conceptual Design S	8,835	31,824	39,442	39,442	39,442	207,155	-	-	n/a	n/a
6906.27	IEUA - HCP Meetings and Technical Review	-	-	3,362	3,362	3,362	10,086	5,043	10,087	0%	33%
6906.18	OCWD and Army Corps of Engineers Prado Dam	-	-	-	-	-	-	-	18,500	0%	0%
7103.3	GW and SW Quality - Engineering Services	13,447	13,545	14,750	11,228	18,000	203,476	203,476	14,455	73%	93%
7103.5	GW and SW Quality - Laboratory Services	-	-	2,750	-	1,850	85,589	85,588	7,120	87%	92%
7104.3	GW Level - Engineering Services	8,853	10,574	11,784	16,788	25,028	151,743	151,743	44,128	50%	77%
7104.8	GW Level - Contract Services	-	19	-	-	7,008	7,057	7,057	2,943	1%	71%
7104.9	GW Level - Capital Services	-	-	-	16,000	-	17,013	17,013	(9,013)	13%	213%
7107.2	Ground Level - Engineering Services	6,716	5,467	8,325	7,373	31,072	85,487	85,487	13,782	36%	86%
7107.3	Ground Level - SAR Imagery	-	-	74,752	-	-	86,752	86,752	-	14%	100%
7107.6	Ground Level - Contract Services	-	-	100,000	17,050	4,725	128,950	128,950	-	4%	100%
7107.8	Ground Level - Capital Equipment	84	159	1,000	1,000	600	3,880	3,880	9,158	10%	30%
7103.31	IEUA - Prado Basin Habitat Monitoring	16,078	10,497	48,450	29,900	12,850	152,288	76,143	(2,077)	87%	103%
7108.6	IEUA - PBHSP - Outside Pro	-	-	-	-	-	44,163	22,077	5,924	158%	79%
7108.3	Recharge & Well Monitoring - Engineering Serv.	5,312	4,497	5,500	4,000	-	27,349	27,349	(2,059)	71%	108%
7202.2	Comp Recharge - Engineering Services	2,371	1,878	800	2,300	800	14,930	14,930	32,678	23%	31%
7208.1	GRCC & IEUA - SB88 Specification to Ensure Co	1,422	3,624	7,800	21,800	95,945	138,570	-	-	n/a	n/a
7303	OBMP - Engineering Services - Desalters	1,282	4,082	1,000	1,400	1,500	10,155	10,155	0	82%	100%
7402	OBMP - Engineering Services - MZ1	9,288	5,818	2,100	5,515	7,100	110,510	110,510	(8,474)	64%	108%
7402.1	OBMP - Engineering Services - Northwest MZ1	3,793	21,849	17,000	21,000	40,645	202,997	202,997	1,204	61%	99%
7502	OBMP - Engineering Services - WQC	2,443	21,522	7,832	2,500	1,900	92,538	92,538	182	87%	100%
7510	IEUA - Update Recycled Water Permit - Salinity	21,509	14,988	27,724	55,000	124,510	270,073	110,913	(33,776)	81%	144%
7511	As requested services to support Watermaster an	889	1,116	2,500	2,500	1,483	28,355	28,355	(10,563)	123%	159%
7512	IEUA - Triennial Recomputation of Ambient Water	-	-	-	-	-	-	-	24,584	0%	0%
Totals		\$ 189,608	\$ 202,035	\$ 467,378	\$ 384,237	\$ 476,523	\$ 3,475,638	\$ 2,858,650	\$ 145	75%	100%

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

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2019-20CBWWM_Invoice_Summary_ISBM_20200408--Projection Summary



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

The table listed below summarized the Year-To-Date (YTD) Actual Wildermuth Environmental, Inc., (WEI)

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

and other Engineering costs compared to the Year-To-Date (YTD) Budget as of March 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 '19 - Mar '20	Jul '19 - Mar '20	\$ Over Budget	% of Budget	FY 2019/20
	Actual	Budget			Annual Budget
6906 · OBMP Engineering Services - Other	21,453.63	27,733.00	-6,279.37	77.36%	36,976.00
6906.1 · OBMP - Watermaster Model Update	1,541.70	4,280.00	-2,738.30	36.02%	4,280.00
6906.15 · Integrated Model Mtgs-IEUA Cost	5,841.10	15,660.00	-9,818.90	37.3%	20,880.00
6906.17 · Planning Study Analysis	5,934.50	8,870.00	-2,935.50	66.91%	11,826.00
6906.18 · Prado Dam FS/EIS/EIR-50% IEUA	0.00	13,919.00	-13,919.00	0.0%	18,560.00
6906.21 · State of the Basin Report	0.00	0.00	0.00	0.0%	0.00
6906.22 · Water Rights Compliance Reporting	11,386.55	15,498.00	-4,111.45	73.47%	20,664.00
6906.23 · SGMA Reporting Requirements	7,721.10	10,193.00	-2,471.90	75.75%	13,590.00
6906.24 · Compliance - SB88 and SWRCB	3,752.30	6,332.00	-2,579.70	59.26%	8,444.00
6906.26 · 2019 OBMP Update	455,978.02	366,672.00	89,306.02	124.36%	388,896.00
6906.27 · HCP Meetings/Technical Review-IEUA Cos	0.00	11,347.00	-11,347.00	0.0%	15,130.00
6906.28 · Agriculture Prod. & Estimation	1,730.10	17,415.00	-15,684.90	9.94%	23,220.00
6906.31 · OBMP - Pool, Advisory, Board Mtgs.	62,310.92	77,531.00	-15,220.08	80.37%	103,374.00
6906.32 · OBMP - Other General Meetings	63,576.75	63,640.00	-63.25	99.9%	84,853.00
6906.71 · OBMP - Data Requests - CBWM Staff	102,653.00	95,223.00	7,430.00	107.8%	126,964.00
6906.72 · OBMP - Data Requests - Non CBWM	21,979.19	38,235.00	-16,255.81	57.48%	50,980.00
6906.73 · OBMP - Safe Yield Recalculation	323,408.07	231,455.00	91,953.07	139.73%	276,608.00
6906.74 · OBMP - Mat'l Physical Injury Requests	11,328.60	56,233.00	-44,904.40	20.15%	74,977.00
6906.76 · County Extraction Well-Modeling	0.00	0.00	0.00	0.0%	0.00
6906.81 · Prepare Annual Reports	10,059.10	15,416.00	-5,356.90	65.25%	15,416.00
6906.90 · OBMP - 2018 RMPU Master Update	0.00	0.00	0.00	0.0%	0.00
7103.3 · Grdwtr Qual-Engineering	159,824.20	163,455.00	-3,630.80	97.78%	217,941.00
7103.5 · Grdwtr Qual-Lab Svcs	60,876.00	62,345.00	-1,469.00	97.64%	69,045.00
7104.3 · Grdwtr Level-Engineering	99,214.92	146,902.00	-47,687.08	67.54%	195,869.00
7104.8 · Grdwtr Level-Contracted Services	0.00	7,501.00	-7,501.00	0.0%	10,000.00
7104.9 · Grdwtr Level-Capital Equipment	0.00	5,999.00	-5,999.00	0.0%	8,000.00
7107.2 · Grd Level-Engineering	31,613.42	83,099.00	-51,485.58	38.04%	101,021.00
7107.3 · Grd Level-SAR Imagery	12,000.00	63,750.00	-51,750.00	18.82%	85,000.00
7107.6 · Grd Level-Contract Svcs	13,564.51	97,688.00	-84,123.49	13.89%	126,950.00
7107.8 · Grd Level-Capital Equipment	0.00	9,783.00	-9,783.00	0.0%	13,044.00
7108.31 · Hydraulic Control-PBHSP	32,042.85	55,550.00	-23,507.15	57.68%	74,066.00
7108.4 · Hydraulic Control-Lab Svcs	17,484.00	6,478.00	11,006.00	269.9%	8,638.00
7108.41 · Hydraulic Control-PBHSP	2,312.00	11,270.00	-8,958.00	20.52%	15,026.00
7108.6 · Hydraulic Control-Outside Professionals	20,000.00	28,000.00	-8,000.00	71.43%	28,000.00
7109.3 · Recharge & Well - Engineering	17,848.65	18,945.00	-1,096.35	0.0%	25,260.00
7202.2 · Comp Recharge-Engineering Services	11,029.91	35,706.00	-24,676.09	30.89%	47,608.00
7303 · PE3&5-Engineering - Other	6,254.50	7,619.00	-1,364.50	82.09%	10,160.00
7402 · PE4-Engineering	104,495.43	95,277.00	9,218.43	109.68%	111,036.00
7402.10 · PE4-MZ1 Pomona Project	124,351.53	204,261.00	-79,909.47	60.88%	204,261.00
7403 · PE4-Contract Svcs	0.00	0.00	0.00	0.0%	0.00
7502 · PE6&7-Engineering	80,305.80	69,540.00	10,765.80	115.48%	92,720.00
7510 · PE6&7-IEUA Salinity Mgmt. Plan	26,532.59	77,136.00	-50,603.41	34.4%	77,136.00
7511 · PE6&7-SAWBMP Task Force-50% IEUA	21,871.56	13,344.00	8,527.56	163.91%	17,792.00
7512 · PE6&7-Recomputation W/Q-50% IEUA	0.00	18,438.00	-18,438.00	0.0%	24,584.00
7602 · PE8&9-Engineering	0.00	0.00	0.00	0.0%	0.00
Total Engineering Services Costs	1,952,276.50	2,357,738.00	-405,461.50	82.8%	2,858,795.00 *

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

PREVIOUSLY REPORTED ACTIONS (Descending Order)

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

December 2019:

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

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

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

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

Acct #	Description	Original Budget	Revised Budget	Billed Jul-19	Billed Aug-19	Billed Sep-19	Billed Oct-19	Billed Nov-19	Billed Dec-19	Projected Jan-20
6906	OBMP Engineering	\$ 575,564	\$ 575,564	\$ 31,137	\$ 27,491	\$ 31,283	\$ 30,883	\$ 36,382	\$ 35,211	\$ 63,393
6906.26	2020 OBMP Update	388,896	388,896	97,717	79,904	36,998	58,850	74,228	52,604	20,000
6906.73	2021 Safe Yield Recalculation	276,608	276,608	53,973	53,420	40,271	29,861	30,125	32,111	40,000
6906.15	IEUA - Integrated Model Meetings and Technical	20,880	20,880	9,514	-	813	-	-	-	2,000
6907.16	IEUA - CBP Evaluation and Conceptual Design St	-	-	5,789	1,943	11,842	17,476	1,599	8,017	30,000
6906.27	IEUA - HCP Meetings and Technical Review	15,130	15,130	-	-	-	-	-	-	-
6906.18	OCWD and Army Corps of Engineers Prado Dam	18,560	18,560	-	-	-	-	-	-	9,280
7103.3	GW and SW Quality - Engineering Services	217,941	217,941	19,922	37,873	17,263	17,604	11,204	8,566	27,600
7103.5	GW and SW Quality - Laboratory Services	92,709	92,709	4,532	26,015	28,516	15,784	-	7,810	1,634
7104.3	GW Level - Engineering Services	195,869	195,869	12,723	4,405	16,462	13,384	10,523	11,799	14,240
7104.8	GW Level - Contract Services	10,000	10,000	38	-	-	-	-	-	-
7104.9	GW Level - Capital Services	8,000	8,000	(7)	-	-	1,020	-	-	-
7107.2	Ground Level - Engineering Services	69,937	99,269	11,421	4,069	2,091	2,790	1,956	2,613	9,676
7107.30	Ground Level - SAR Imagery	86,752	86,752	12,000	-	-	-	-	-	16,752
7107.6	Ground Level - Contract Services	117,050	126,950	5,175	-	-	-	-	-	7,000
7107.8	Ground Level - Capital Equipment	13,044	13,044	520	132	89	-	83	85	150
7108.31	IEUA - Prado Basin Habitat Monitoring	74,066	74,066	1,380	1,402	635	1,704	2,060	9,232	32,990
7108.6	IEUA - PBHSP - Outside Pro	28,000	28,000	40,000	-	-	-	-	-	-
7109.3	Recharge & Well Monitoring - Engineering Serv.	25,260	25,260	-	3,010	-	-	5,030	-	-
7202.2	Comp Recharge - Engineering Services	47,608	47,608	1,162	386	1,266	1,624	1,036	294	4,879
7208	GRCC & IEUA - SB88 Specification to Ensure Co	-	-	-	-	7,448	95	80	-	21,800
7303	OBMP - Engineering Services - Desalters	10,160	10,160	-	-	-	-	-	-	847
7402	OBMP - Engineering Services - MZ1	111,036	111,036	20,871	39,892	19,924	3,011	1,205	2,170	1,716
7402.1	OBMP - Engineering Services - Northwest MZ1	7,500	204,261	6,111	15,243	19,947	7,879	17,895	21,601	15,800
7502	OBMP - Engineering Services - WQC	92,720	92,720	-	12,281	38,465	5,595	-	-	-
7510	IEUA - Update Recycled Water Permit - Salinity	-	77,136	3,595	601	4,320	12,634	533	3,878	34,500
7511	IEUA - As requested services to support Waterma	17,792	17,792	-	1,592	1,178	6,162	6,117	686	3,500
7512	IEUA - Triennial Recomputation of Ambient Water	24,584	24,584	-	-	-	-	-	-	-
Totals		\$ 2,545,666	\$ 2,858,795	\$ 337,571	\$ 309,660	\$ 276,808	\$ 226,338	\$ 200,055	\$ 196,677	\$ 359,756

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2019-20CBWM_Invoice_Summary_ISBM_20200106--Projection Summary



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

Acct #	Description	Projected Feb-20	Projected Mar-20	Projected Apr-20	Projected May-20	Projected Jun-20	Total Projected	Less IEUA and GRCC Portion of Cost Share			
								Total Projected	Under / (Over) Rev. Budget	YTD % Billed Rev. Budget	Projected % Rev. Budget
6906	OBMP Engineering	\$ 49,747	\$ 56,547	\$ 55,857	\$ 52,357	\$ 40,746	\$ 511,032	\$ 511,032	\$ 84,532	33%	89%
6906.26	2020 OBMP Update	20,000	20,000	2,000	2,000	2,000	466,301	466,301	(77,405)	103%	120%
6906.73	2021 Safe Yield Recalculation	20,000	12,000	-	-	-	311,761	311,761	(35,153)	87%	113%
6906.15	IEUA - Integrated Model Meetings and Technical	2,000	2,000	2,000	2,000	2,000	22,327	11,164	9,716	49%	53%
6907.18	IEUA - CBP Evaluation and Conceptual Design S	30,000	25,000	5,000	5,000	5,000	146,666	-	-	n/a	n/a
6906.27	IEUA - HCP Meetings and Technical Review	3,362	3,362	3,362	3,362	3,362	16,810	8,405	6,725	0%	56%
6906.18	OCWD and Army Corps of Engineers Prado Dan	9,280	4,640	-	-	-	23,200	11,600	6,960	0%	63%
7103.3	GW and SW Quality - Engineering Services	21,210	16,930	11,080	4,308	16,034	209,594	209,594	8,347	52%	96%
7103.5	GW and SW Quality - Laboratory Services	-	2,550	3,600	-	1,050	89,491	89,491	3,218	67%	97%
7104.3	GW Level - Engineering Services	12,600	21,800	11,784	13,828	23,628	167,154	167,154	28,715	35%	85%
7104.8	GW Level - Contract Services	5,000	5,000	-	-	-	10,038	10,038	(38)	0%	100%
7104.9	GW Level - Capital Services	-	-	-	12,000	-	13,013	13,013	(5,013)	13%	163%
7107.2	Ground Level - Engineering Services	10,676	12,362	12,063	6,528	11,191	87,436	87,436	11,833	25%	88%
7107.3	Ground Level - SAR Imagery	-	56,000	-	-	-	86,752	86,752	-	14%	100%
7107.6	Ground Level - Contract Services	20,050	29,725	25,000	15,000	25,000	126,950	126,950	-	4%	100%
7107.8	Ground Level - Capital Equipment	1,000	600	150	1,000	600	4,409	4,409	6,635	7%	34%
7108.31	IEUA - Prado Basin Habitat Monitoring	35,540	30,618	20,794	7,790	4,266	148,411	74,206	(140)	22%	100%
7108.6	IEUA - PBHSP - Outside Pro	10,000	-	-	-	-	50,000	25,000	3,000	143%	89%
7109.3	Recharge & Well Monitoring - Engineering Serv.	5,000	-	7,000	3,400	-	23,440	23,440	1,820	32%	93%
7202.2	Comp Recharge - Engineering Services	4,879	2,248	4,879	4,879	2,248	29,780	29,780	17,628	12%	63%
7206.1	GRCC & IEUA - SB88 Specification to Ensure Co	21,800	21,800	21,800	21,800	21,800	138,421	-	-	n/a	n/a
7303	OBMP - Engineering Services - Desalters	847	847	847	847	847	5,082	5,082	5,078	0%	50%
7402	OBMP - Engineering Services - MZ1	7,000	8,000	4,533	5,000	8,000	119,321	119,321	(8,285)	78%	107%
7402.1	OBMP - Engineering Services - Northwest MZ1	18,000	33,426	17,500	15,826	15,032	204,260	204,260	1	43%	100%
7502	OBMP - Engineering Services - WGC	12,000	19,500	7,000	-	-	94,841	94,841	(2,121)	61%	102%
7510	IEUA - Update Recycled Water Permit - Salinity	34,500	34,500	34,500	34,500	35,684	233,746	77,136	-	33%	100%
7511	As requested services to support Watermaster an	3,500	3,000	1,483	1,483	1,483	30,183	30,183	(12,391)	88%	170%
7512	IEUA - Triennial Recomputation of Ambient Water	-	-	-	-	-	-	-	24,584	0%	0%
Totals		\$ 367,990	\$ 422,454	\$ 252,231	\$ 212,907	\$ 217,971	\$ 3,370,420	\$ 2,798,349	\$ 60,446	54%	98%

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

1/21/2020--9:32 AM
2019-20CBWM_Invoice_Summary_ISBM_20200106--Projection Summary



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

The Fiscal Year 2019/20 Progress and Estimated Cost at Completion for the Period July 1, 2019 through December 31, 2019 report from Wildermuth Environmental, Inc. is provided. Please access this link:

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

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

September 2019:

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

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

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

Acct #	Description	Original Budget	Revised Budget	Billed Jul-19	Billed Aug-19	Billed Sep-19	Projected Oct-19	Projected Nov-19	Projected Dec-19	Projected Jan-20
6906	OBMP Engineering	\$ 575,584	\$ 575,584	\$ 31,137	\$ 27,491	\$ 31,283	\$ 45,199	\$ 64,356	\$ 49,407	\$ 64,277
6906.26	2020 OBMP Update	388,896	388,896	97,717	79,904	36,998	46,500	81,500	46,500	12,000
6906.73	2021 Safe Yield Recalculation	276,608	276,608	53,973	53,420	40,271	30,000	30,000	40,000	40,000
6906.15	IEUA - Integrated Model Meetings and Technical	20,880	20,880	9,514	-	813	2,000	2,000	2,000	2,000
6907.18	IEUA - CBP Evaluation and Conceptual Design S	-	-	5,789	1,943	11,842	5,000	5,000	5,000	30,000
6906.27	IEUA - HCP Meetings and Technical Review	15,130	15,130	-	-	-	3,362	3,362	3,362	3,362
6906.18	OCWD and Army Corps of Engineers Prado Dam	18,560	18,560	-	-	-	-	9,280	4,640	9,280
7103.3	GW and SW Quality - Engineering Services	217,941	217,941	19,922	37,873	17,263	16,670	16,010	18,530	11,700
7103.5	GW and SW Quality - Laboratory Services	92,709	92,709	4,532	11,424	24,971	34,393	9,900	1,050	1,634
7104.3	GW Level - Engineering Services	195,869	195,869	12,723	4,405	18,462	14,500	14,200	22,160	13,275
7104.8	GW Level - Contract Services	10,000	10,000	38	-	-	-	-	-	-
7104.9	GW Level - Capital Services	8,000	8,000	(7)	-	-	-	-	-	2,000
7107.2	Ground Level - Engineering Services	69,937	69,269	11,421	4,069	2,091	4,300	4,500	5,000	9,476
7107.30	Ground Level - SAR Imagery	88,752	88,752	12,000	-	-	-	-	-	18,752
7107.6	Ground Level - Contract Services	117,050	126,950	5,175	-	-	-	-	-	7,000
7107.8	Ground Level - Capital Equipment	13,044	13,044	520	132	89	150	1,000	600	150
7108.31	IEUA - Prado Basin Habitat Monitoring	74,068	74,068	1,380	1,402	635	1,640	7,000	28,800	23,690
7108.6	IEUA - PBHSP - Outside Pro	28,000	28,000	40,000	-	-	-	10,000	-	-
7109.3	Recharge & Well Monitoring - Engineering Serv.	25,260	25,260	-	3,010	-	-	4,000	-	-
7202.2	Comp Recharge - Engineering Services	47,608	47,608	1,162	386	1,266	4,879	4,879	2,248	4,879
7206	GRCC & IEUA - SB88 Specification to Ensure Co	-	-	-	-	7,446	14,569	14,569	14,569	14,569
7303	OBMP - Engineering Services - Desalters	10,160	10,160	-	-	-	-	847	847	847
7402	OBMP - Engineering Services - MZ1	111,036	111,036	20,871	39,892	19,924	2,000	1,000	1,000	2,000
7402.1	OBMP - Engineering Services - Northwest MZ1	7,500	204,261	6,111	15,243	19,947	5,500	21,500	20,500	17,000
7502	OBMP - Engineering Services - WQC	92,720	92,720	-	12,281	38,465	5,600	-	-	2,700
7510	IEUA - Update Recycled Water Permit - Salinity	-	77,136	3,595	601	4,320	25,025	25,025	25,025	25,025
7511	IEUA - As requested services to support Waterma	17,792	17,792	-	1,592	1,178	3,500	4,500	2,000	3,500
7512	IEUA - Triennial Recomputation of Ambient Water	24,584	24,584	-	-	-	-	-	-	-
Totals		\$ 2,545,668	\$ 2,858,795	\$ 337,571	\$ 295,069	\$ 275,263	\$ 264,786	\$ 336,427	\$ 291,237	\$ 319,115

11/5/2019-7:43 AM
2019-20CBWM_Invoice_Summary_ISBM_1st Qtr ECAC-Projection Summary



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

Acct #	Description	Projected Feb-20	Projected Mar-20	Projected Apr-20	Projected May-20	Projected Jun-20	Total Projected	Less IEUA and GRCC Portion of Cost/Share			
								Total Projected	Under/Over Rev. Budget	YTD % Billed Rev. Budget	Projected %
6906	OBMP Engineering	\$ 59,657	\$ 55,281	\$ 47,667	\$ 40,747	\$ 40,746	\$ 557,244	\$ 557,244	\$ 18,320	16%	97%
6906.26	2020 OBMP Update	4,500	1,500	1,500	1,500	1,500	411,619	411,619	(22,723)	55%	106%
6906.73	2021 Safe Yield Recalculation	5,000	20,000	-	-	-	312,664	312,664	(36,056)	53%	113%
6906.15	IEUA - Integrated Model Meetings and Technical	2,000	2,000	2,000	2,000	2,000	28,327	14,164	6,716	25%	68%
6907.18	IEUA - CBP Evaluation and Conceptual Design S	30,000	25,000	5,000	5,000	5,000	134,574	-	-	n/a	n/a
6906.27	IEUA - HCP Meetings and Technical Review	3,362	3,362	3,362	3,362	3,362	30,258	15,129	1	0%	100%
6906.18	OCWD and Army Corps of Engineers Prado Dam	9,280	4,640	-	-	37,120	18,560	-	-	0%	100%
7103.3	GW and SW Quality - Engineering Services	20,360	15,430	9,080	4,308	15,914	205,059	205,059	12,882	34%	94%
7103.5	GW and SW Quality - Laboratory Services	-	1,050	1,700	-	1,050	91,704	91,704	1,005	44%	99%
7104.3	GW Level - Engineering Services	14,300	20,250	10,834	12,812	22,431	178,352	178,352	17,517	17%	91%
7104.8	GW Level - Contract Services	-	-	-	8,000	-	8,038	8,038	1,962	0%	80%
7104.9	GW Level - Capital Services	-	-	-	11,000	-	12,993	12,993	(4,993)	0%	162%
7107.2	Ground Level - Engineering Services	9,676	12,362	12,199	6,528	9,410	91,032	91,032	8,237	16%	92%
7107.3	Ground Level - SAR Imagery	-	56,000	-	-	-	86,752	86,752	-	14%	100%
7107.6	Ground Level - Contract Services	20,050	29,725	25,000	15,000	25,000	126,950	126,950	-	4%	100%
7107.8	Ground Level - Capital Equipment	1,000	600	150	1,000	600	5,991	5,991	7,053	6%	46%
7108.31	IEUA - Prado Basin Habitat Monitoring	33,090	27,618	18,794	5,790	3,266	151,104	75,552	(1,486)	2%	102%
7108.6	IEUA - PBHSP - Outside Pro	-	-	-	-	-	50,000	25,000	3,000	71%	89%
7109.3	Recharge & Well Monitoring - Engineering Serv.	4,000	-	7,000	3,400	-	21,410	21,410	3,850	12%	85%
7202.2	Comp Recharge - Engineering Services	4,879	2,248	4,879	4,879	2,248	38,831	38,831	8,777	6%	82%
7206	GRCC & IEUA - SB88 Specification to Ensure Co	14,569	14,569	14,569	14,569	14,569	138,587	-	-	n/a	n/a
7303	OBMP - Engineering Services - Desalters	847	847	847	847	847	6,776	6,776	3,384	0%	67%
7402	OBMP - Engineering Services - MZ1	9,000	7,000	2,533	4,000	5,000	114,219	114,219	(3,183)	73%	103%
7402.1	OBMP - Engineering Services - Northwest MZ1	31,500	26,500	21,000	16,000	3,458	204,260	204,260	1	20%	100%
7502	OBMP - Engineering Services - WQC	12,000	18,000	7,500	-	-	98,548	98,548	(3,826)	55%	104%
7510	IEUA - Update Recycled Water Permit - Salinity	25,025	25,025	25,025	25,025	25,025	233,746	77,136	-	6%	100%
7511	IEUA - As requested services to support Waterma	3,500	3,000	2,000	2,000	2,000	28,770	14,385	3,407	8%	81%
7512	IEUA - Triennial Recomputation of Ambient Water	-	-	-	-	-	-	-	24,584	0%	0%
Totals		\$ 317,594	\$ 372,006	\$ 222,638	\$ 187,766	\$ 183,430	\$ 3,402,906	\$ 2,810,366	\$ 48,429	30%	98%

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

11/5/2019-7:43 AM
2019-20CBWM_Invoice_Summary_ISBM_1st Qtr ECAC-Projection Summary



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

The Fiscal Year 2019/20 Progress and Estimated Cost at Completion for the Period July 1, 2019 through

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

September 30, 2019 report from Wildermuth Environmental, Inc. is provided. Please access this link:

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

August 2019:

Wildermuth Environmental, Inc. provides Watermaster an Estimated Cost at Completion (ECAC) report each quarter. The purpose of this ECAC report is to update Watermaster on whether or not the Engineering Services budget will be above or below budget at the end of the fiscal year. If the Engineering Services budget is expected to be above budget at fiscal year-end, a Budget Amendment or Budget Transfer Form would need to be approved to ensure funding. The first quarter ECAC report (for the months July 2019 - September 2019) is scheduled to be produced by Wildermuth Environmental, Inc. and distributed to Watermaster during the month of October 2019.

July 2019:

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

The approved "Original" Engineering Services budget of \$2,545,666 was increased by "Carry Over" funding in the amount of \$313,129 to the "Amended" amount of \$2,858,795 for FY 2019/20 as provided in the Engineering Services Task Order. All of the "Carry Over" funding is for projects or activities that have bridged previous fiscal years and are expected to be completed in the FY 2019/20 timeframe or future years. The Carry-Over amount of \$313,129 from FY 2018/19 to the FY 2019/20 budget are provided in detail as follows:

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

PRADO BASIN HABITAT SUSTAINABILITY PROGRAM

Ongoing Costs

Program costs that are ongoing (Ongoing Costs) will be cost-shared between Watermaster and IEUA, split on a 50/50 basis, subject to the following limitation: in each fiscal year, neither Watermaster nor IEUA shall be obligated to reimburse the other for Ongoing Costs that exceed the amount that the reimbursing party has budgeted for Ongoing Costs in that fiscal year, except as agreed upon by both parties in writing or as amended during the fiscal year. The first year expenses (FY 2016/17) to be cost shared were approximately

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

\$300,000, with projected future years (FY 2017/18 and forward) estimated at approximately \$150,000. For the purposes of the agreement, Ongoing Costs are defined as the costs associated with the following Program activities:

1. A Riparian Habitat Monitoring Program, including, but not limited to, the following sub-tasks:
 - a. Design and implement a site-specific vegetation monitoring program with the United States Bureau of Reclamation (USBR) and Orange County Water District, pursuant to which USBR will perform site-specific vegetation surveys.
 - b. Manage and perform custom flight to collect a high resolution air photo of the Prado Basin Region.
 - c. Collect, check, and upload historical air photos and vegetation survey data in the Prado Basin region.
 - d. Collect, check, and upload historical Landsat data in the Prado Basin region.
2. A Climate Monitoring Program, including, but not limited to, the following sub-task:
 - a. Collect, check, and upload climatic data on an annual basis
3. Preparation of the AMP Annual Report (Annual Report), including, but not limited to, the following sub-tasks:
 - a. Water level monitoring, vegetation survey, photo monitoring, landsat data, climate data and analysis of the components.
 - b. Analyze data and prepare an administrative draft of the Annual Report for Watermaster/IEUA.
 - c. Incorporate the Watermaster and IEUA comments and prepare a draft Annual Report for review by the PBHSC.
 - d. Meet with PBHSC to review draft Annual Report.
 - e. Incorporate PBHSC comments and finalize the Annual Report.
4. Annual license fees for monitoring wells.
5. Project management and administration activities associated with the Program undertaken by a Party's consultant, including, but not limited to, the following sub-tasks:
 - a. Ad-Hoc Meetings
 - b. Preparation of scope and budget for the Program
 - c. Project administration and financial reporting
6. Other costs required to fulfill the requirements of Peace II Subsequent EIR mitigation measure 4.4-3. Watermaster shall be responsible for the costs associated with the Groundwater Level Monitoring Program, Groundwater Quality Monitoring Program, and Surface Water Monitoring Program.

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

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

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

	Wildermuth Environmental, Inc.	50% Billing "TO" IEUA	50% Billing "FROM" IEUA	Costs For Watermaster
Jul. 2019 - Mar. 2020	\$ 64,085.70	\$ (32,042.85)	\$ -	\$ 32,042.85
Totals	\$ 64,085.70	\$ (32,042.85)	\$ -	\$ 32,042.85
	7108.31	7108.31	7108.31	
Maximum Costs	\$ 204,132.00	\$ 102,066.00	\$ 102,066.00	\$ 102,066.00

PREVIOUSLY REPORTED ACTIONS (Descending Order)

None:

OTHER INCOME AND EXPENSE

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

PREVIOUSLY REPORTED ACTIONS (Descending Order)

July 2019:

Per section VI.D.3 of the Groundwater Storage Program Funding Agreement No. 49960 in the Chino Basin with The Metropolitan Water District of Southern California, the FY 2019/20 annual administrative fee invoice was issued on July 9, 2019 in the amount of \$171,905.17 under invoice number 2019-07-CUP. Payment in the amount of \$171,905.17 was received and deposited on August 22, 2019.

"CARRY OVER" FUNDING

BACKGROUND OF "CARRY OVER" FUNDING

CURRENT MONTH – MARCH 2020

As of March 31, 2020, the total (YTD) amount remaining of the "Carried Over" funding is \$2,086,038.39 (\$2,312,460.70 - \$226,422.31 = \$2,086,038.39).

The following details are provided:

"Carried Over" Expenses At June 30, 2019

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

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

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

Blomquist Report - Update	\$ -	A	6061.6	FY 2017/18	ADMIN
Meter Installation - New Meter Installation	\$ -	B	7102.65	FY 2018/19	OBMP
Meter Installation - Calibration and Testing	\$ -	C	7102.8	FY 2018/19	OBMP
Ground Level - Engineering Services	\$ (29,332.00)	D	7107.2 ²	FY 2018/19	ENG
Ground Level - Contract Services	\$ (9,900.00)	E	7107.6 ³	FY 2018/19	ENG
PE4 - Northwest MZ-1 Area Project	\$ (124,351.53)	F	7402.1 ⁴	FY 2018/19	ENG
IEUA - Update Recycle Water Permit - Salinity	\$ (62,838.78)	G	7510 ⁵	FY 2018/19	ENG
RMPU Amendment (TO #1)	\$ -	H	7690.15	FY 2016/17	PROJ
East Declez Basin (TO #1)	\$ -	I	7690.16 ¹	FY 2016/17	PROJ
GWR SCADA Upgrades (TO #4)	\$ -	J	7690.61	FY 2014/15	PROJ
GWR SCADA Upgrades (TO #4)	\$ -	J	7690.61	FY 2015/16	PROJ
Upper Santa Ana River HCP (TO #7)	\$ -	K	7690.7	FY 2014/15	PROJ
Upper Santa Ana River HCP (TO #7)	\$ -	K	7690.7	FY 2015/16	PROJ
Lower Day Basin RMPU (TO #2)	\$ -	L	7690.8	FY 2016/17	PROJ
Funds on Hold for Projects	\$ -	M	7690.9	FY 2017/18	PROJ
Updated Balance as of March 31, 2020	\$ 2,086,038.39				

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

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

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

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

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

Updated Balance as of March 31, 2020

Blomquist Report - Update	\$ 7,500.00	A	6061.6	FY 2017/18	ADMIN
Meter Installation - New Meter Installation	\$ 175,400.00	B	7102.65	FY 2018/19	OBMP
Meter Installation - Calibration and Testing	\$ 181,650.00	C	7102.8	FY 2018/19	OBMP
Ground Level - Engineering Services	\$ -	D	7107.2 ²	FY 2018/19	ENG
Ground Level - Contract Services	\$ -	E	7107.6 ³	FY 2018/19	ENG
PE4 - Northwest MZ-1 Area Project	\$ 72,409.47	F	7402.1 ⁴	FY 2018/19	ENG
IEUA - Update Recycle Water Permit - Salinity	\$ 14,297.22	G	7510 ⁵	FY 2018/19	ENG
RMPU Amendment (TO #1)	\$ 56,794.57	H	7690.15	FY 2016/17	PROJ
East Declez Basin (TO #1)	\$ 1,171.33	I	7690.16 ¹	FY 2016/17	PROJ
GWR SCADA Upgrades (TO #4)	\$ 7,025.00	J	7690.61	FY 2014/15	PROJ
GWR SCADA Upgrades (TO #4)	\$ 38,675.00	J	7690.61	FY 2015/16	PROJ
Upper Santa Ana River HCP (TO #7)	\$ 15,062.88	K	7690.7	FY 2014/15	PROJ
Upper Santa Ana River HCP (TO #7)	\$ 5,000.00	K	7690.7	FY 2015/16	PROJ
Lower Day Basin RMPU (TO #2)	\$ 238,646.90	L	7690.8	FY 2016/17	PROJ
Funds on Hold for Projects	\$ 1,272,406.02	M	7690.9	FY 2017/18	PROJ
Updated Balance as of March 31, 2020	\$ 2,086,038.39				

ADMINISTRATION SERVICES:

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

OBMP ACTIVITIES:

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

ENGINEERING SERVICES:

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

COMPLETED PROJECTS WITH FUNDING AVAILABLE:

Several projects were completed during FY 2018/19 or in prior years and have remaining funds available to be either (1) reallocated to other project(s) that need additional funding, (2) keep amounts on reserve for future Capital Improvement Projects, (3) pay down the debt service; or (4) refunded back to the Appropriative Pool when the Assessment package is invoiced. The funding amounts available are as follows: East Declez Basin [I] in the amount of \$1,171.33 (account 7690.16); and GWR SCADA Upgrades (TO#4) [J] in the amount of \$45,700.00 (account 7690.61). The total amount available is \$46,871.33 (\$1,171.33 + \$45,700.00 = \$46,871.33).

ONGOING RECHARGE IMPROVEMENT PROJECTS:

The RMPU Amendment-Task Order #1 [H] has a remaining budget from FY 2016/17 of \$56,794.57 in account (7690.15); the Upper Santa Ana River HCP-Task Order #7 [K] has a remaining funded balance of \$20,062.88 in account (7690.7); and the Lower Day Basin RMPU-Task Order #2 [L] has a remaining funded

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budget balance of \$238,646.90 in account (7690.8). The total funded budget for these combined projects is \$315,504.35 (\$56,794.57 + \$20,062.88 + \$238,646.90 = \$315,504.35).

FUNDS ON HOLD FOR PROJECTS:

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

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

PREVIOUSLY REPORTED ACTIONS (Descending Order)

July 2019:

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

AUDIT FIELD WORK

CURRENT MONTH – MARCH 2020

No audit field work activity to report for the month.

PREVIOUSLY REPORTED ACTIONS (Descending Order)

November 2019:

FY 2018/19:

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

August 2019:

FY 2018/19:

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

July 2019:

FY 2018/19:

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

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

CURRENT MONTH – MARCH 2020

Only one Appropriator, Niagara Bottling, LLC, submitted their Intent to Purchase form. On March 26, 2020, an invoice in the amount of \$675,000.00 was issued to Niagara Bottling, LLC for the entire amount of 1,000 acre-feet available for purchase. Payment from Niagara Bottling, LLC to Watermaster is due on or before June 30, 2020. Upon receipt of payment from Niagara Bottling, LLC, and once the payment has cleared the bank, Watermaster will issue payment to California Speedway Corporation in the amount of \$675,000.00.

PREVIOUSLY REPORTED ACTIONS (Descending Order)

January 2020:

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

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

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

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

ASSESSMENT INVOICING

CURRENT MONTH – MARCH 2020

FY 2019/20 Assessment Package:

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

PREVIOUSLY REPORTED ACTIONS (Descending Order)

December 2019:

The FY 2019/20 Assessment Package was approved by the Advisory Committee and adopted by the Board on Thursday, November 21, 2019. The Assessment invoices were issued by Watermaster on Thursday,

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November 21, 2019 with payment due 30-days after invoice date. Payments were due to Watermaster on Monday, December 23, 2019. As past practice, payment could be made to Watermaster by either a wire transfer or check. Per the judgment, late fees could be assessed for any payment not received as of 4:00pm on Monday, December 23, 2019.

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

November 2019:

The FY 2019/20 Assessment Package was approved by the Advisory Committee and adopted by the Board on Thursday, November 21, 2019. The Assessment invoices were issued by Watermaster on Thursday, November 21, 2019 with payment due 30-days after invoice date. Payments will be due to Watermaster on Monday, December 23, 2019. As past practice, payment can be made to Watermaster by either a wire transfer or check. Per the judgment, late fees could be assessed for any payment not received as of 4:00pm on Monday, December 23, 2019.

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

October 2019:

Revised 2014/15 through 2018/19 Assessment Packages:

From June 6, 2019 through August 28, 2019, multiple workshops were held to present and discuss the Revised 2014/15 through 2018/19 Assessment Packages. These Revised Assessment Packages were presented to the three Pool Committees on September 12, 2019. The three Pool Committees unanimously recommended Advisory Committee to approve the Revised 2014/15 through 2018/19 Assessment Packages. On September 19, 2019, the Revised 2014/15 through 2018/19 Assessment Packages were presented to the Advisory Committee where they were unanimously approved. The Watermaster Board approved the Revised 2014/15 through 2018/19 Assessment Packages on September 26, 2019. Invoices were issued on Friday, September 27, 2019 with payment due 30-days after invoice date. Payments were due to Watermaster on Monday, October 28, 2019. As past practice, payment could be made to Watermaster by either a wire transfer or check. Per the judgment, late fees could be assessed for any payment not received as of 5:00pm on Monday, October 28, 2019.

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

FY 2019/20 Assessment Package:

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

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

The FY 2019/20 Assessment Package was approved by the Advisory Committee and adopted by the Board on Thursday, November 21, 2019. The Assessment invoices were issued by Watermaster on Thursday,

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November 21, 2019 with payment due 30-days after invoice date. Payments will be due to Watermaster on Monday, December 23, 2019. As past practice, payment can be made to Watermaster by either a wire transfer or check. Per the judgment, late fees could be assessed for any payment not received as of 4:00pm on Monday, December 23, 2019.

ATTACHMENTS

1. Financial Report - B5

	1/12th (8.33%) of the Total Budget				9/12th (75.00%) of the Total Budget				100% of the Total Budget			
	For The Month of March 2020				Year-To-Date as of March 31, 2020				Fiscal Year End as of June 30, 2020			
	Actual	Budget	\$ Over(Under)	% of Budget	Actual	Budget	\$ Over(Under)	% of Budget	Projected	Budget	\$ Over(Under)	% of Budget
Income												
4010 · Local Agency Subsidies	0.00	0.00	0.00	0.0%	171,905.17	171,906.00	-0.83	100.0%	171,905.17	171,906.00	-0.83	100.0%
4110 · Admin Asmnts-Approp Pool	0.00	0.00	0.00	0.0%	8,030,142.55	8,043,100.00	-12,957.45	99.84%	8,030,142.55	8,043,100.00	-12,957.45	99.84%
4120 · Admin Asmnts-Non-Agri Pool	0.00	0.00	0.00	0.0%	364,535.88	352,197.00	12,338.88	103.5%	364,535.88	352,197.00	12,338.88	103.5%
4700 · Non Operating Revenues	62,462.48	18,782.00	43,680.48	332.57%	151,738.99	56,344.00	95,394.99	269.31%	196,738.99	75,124.00	121,614.99	261.89%
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	62,462.48	18,782.00	43,680.48	332.57%	8,718,322.59	8,623,547.00	94,775.59	101.1%	8,763,322.59	8,642,327.00	120,995.59	101.4%
Gross Profit	62,462.48	18,782.00	43,680.48	332.57%	8,718,322.59	8,623,547.00	94,775.59	101.1%	8,763,322.59	8,642,327.00	120,995.59	101.4%
Expense												
6010 · Admin. Salary/Benefit Costs	81,642.58	96,312.00	-14,669.42	84.77%	816,942.25	868,150.00	-51,207.75	94.1%	1,121,813.70	1,155,864.00	-34,050.30	97.05%
6020 · Office Building Expense	9,076.17	9,642.00	-565.83	94.13%	85,040.57	87,828.00	-2,787.43	96.83%	114,960.92	117,379.00	-2,418.08	97.94%
6030 · Office Supplies & Equip.	1,500.42	2,150.00	-649.58	69.79%	20,204.41	62,350.00	-42,145.59	32.41%	60,426.36	69,800.00	-9,373.64	86.57%
6040 · Postage & Printing Costs	2,110.06	3,513.00	-1,402.94	60.06%	25,322.10	35,887.00	-10,564.90	70.56%	43,621.52	47,141.00	-3,519.48	92.53%
6050 · Information Services	15,618.86	13,895.00	1,723.86	112.41%	109,022.09	127,242.00	-18,219.91	85.68%	166,652.60	169,656.00	-3,003.40	98.23%
6060 · Contract Services	1,541.54	400.00	1,141.54	385.39%	32,923.79	50,600.00	-17,676.21	65.07%	48,474.92	51,800.00	-3,325.08	93.58%
6070 · Watermaster Legal Services	46,879.59	16,588.00	30,291.59	282.61%	251,468.33	216,848.00	34,620.33	115.97%	303,210.48	266,115.00	37,095.48	113.94%
6080 · Insurance	-594.02	0.00	-594.02	100.0%	40,511.26	42,926.00	-2,414.74	94.38%	43,011.26	43,426.00	-414.74	99.05%
6110 · Dues and Subscriptions	690.62	0.00	690.62	100.0%	32,580.79	35,092.00	-2,511.21	92.84%	32,838.90	36,792.00	-3,953.10	89.26%
6140 · WM Admin Expenses	643.09	270.00	373.09	238.18%	2,657.22	2,963.00	-305.78	89.68%	2,928.50	2,950.00	-21.50	99.27%
6150 · Field Supplies	56.96	150.00	-93.04	37.97%	1,227.01	2,350.00	-1,122.99	52.21%	2,365.88	2,550.00	-184.12	92.78%
6170 · Travel & Transportation	1,699.72	1,917.00	-217.28	88.67%	14,786.84	59,248.00	-44,461.16	24.96%	60,452.72	65,170.00	-4,717.28	92.76%
6190 · Training, Conferences, Seminars	650.00	3,155.00	-2,505.00	20.6%	14,495.61	28,394.00	-13,898.39	51.05%	34,741.22	37,857.00	-3,115.78	91.77%
6200 · Advisory Comm - WM Board	3,553.16	4,238.00	-684.84	83.84%	24,991.38	36,755.00	-11,763.62	68.0%	40,726.84	49,680.00	-8,953.16	81.98%
6300 · Watermaster Board Expenses	17,151.89	13,956.00	3,195.89	122.9%	95,245.51	142,260.00	-47,014.49	66.95%	159,632.56	184,467.00	-24,834.44	86.54%
8300 · Appr PI-WM & Pool Admin	29,690.28	16,652.00	13,038.28	178.3%	159,030.45	148,338.00	10,692.45	107.21%	187,684.60	198,609.00	-10,924.40	94.5%
8400 · Agri Pool-WM & Pool Admin	4,168.07	5,511.00	-1,342.93	75.63%	32,806.48	47,916.00	-15,109.52	68.47%	59,346.62	64,713.00	-5,366.38	91.71%
8467 · Ag Legal & Technical Services	55,218.75	25,000.00	30,218.75	220.88%	239,481.25	225,000.00	14,481.25	106.44%	299,575.00	300,000.00	-425.00	99.86%
8470 · Ag Meeting Attend -Special	2,575.00	1,850.00	725.00	139.19%	12,675.00	16,650.00	-3,975.00	76.13%	18,300.00	22,200.00	-3,900.00	82.43%
8471 · Ag Pool Expense	0.00	15,750.00	-15,750.00	0.0%	21,686.00	69,250.00	-47,564.00	31.32%	26,686.00	85,000.00	-58,314.00	31.4%
8485 · Ag Pool - Misc. Exp. - Ag Fund	0.00	0.00	0.00	0.0%	0.00	300.00	-300.00	0.0%	200.00	400.00	-200.00	50.0%
8500 · Non-Ag PI-WM & Pool Admin	7,850.15	10,808.00	-2,957.85	72.63%	72,666.77	95,344.00	-22,677.23	76.22%	115,567.10	127,951.00	-12,383.90	90.32%
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	-36,099.07	-39,730.00	3,630.93	90.86%	-267,967.39	-357,572.00	89,604.61	74.94%	-333,271.54	-476,762.00	143,490.46	69.9%
6900 · Optimum Basin Mgmt Plan	196,186.64	131,211.00	64,975.64	149.52%	1,762,144.34	1,812,661.00	-50,516.66	97.21%	2,180,042.74	2,182,515.00	-2,472.26	99.89%
9501 · G&A Expenses Allocated-OBMP	15,890.86	10,527.00	5,363.86	150.95%	129,287.50	94,744.00	34,543.50	136.46%	151,746.50	126,325.00	25,421.50	120.12%
7101 · Production Monitoring	4,962.52	6,308.00	-1,345.48	78.67%	49,439.29	58,555.00	-9,115.71	84.43%	65,222.30	78,073.00	-12,850.70	83.54%
7102 · In-line Meter Installation	0.00	1,738.00	-1,738.00	0.0%	1,441.85	373,082.00	-371,640.15	0.39%	2,500.00	378,428.00	-375,928.00	0.66%
7103 · Grdwtr Quality Monitoring	15,694.93	27,124.00	-11,429.07	57.86%	267,599.75	279,886.00	-12,286.25	95.61%	364,117.50	359,100.00	5,017.50	101.4%
7104 · Gdwtr Level Monitoring	23,201.08	23,561.00	-359.92	98.47%	155,497.02	213,402.00	-57,904.98	72.87%	225,952.00	284,537.00	-58,585.00	79.41%
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	7,222.06	18,902.00	-11,679.94	38.21%	59,485.13	260,468.00	-200,982.87	22.84%	212,471.14	333,683.00	-121,211.86	63.68%

	1/12th (8.33%) of the Total Budget				9/12th (75.00%) of the Total Budget				100% of the Total Budget			
	For The Month of March 2020				Year-To-Date as of March 31, 2020				Fiscal Year End as of June 30, 2020			
	Actual	Budget	\$ Over(Under)	% of Budget	Actual	Budget	\$ Over(Under)	% of Budget	Projected	Budget	\$ Over(Under)	% of Budget
7108 · Hydraulic Control Monitoring	5,808.82	8,960.00	-3,151.18	64.83%	77,523.88	108,878.00	-31,354.12	71.2%	115,624.82	135,837.00	-20,212.18	85.12%
7109 · Recharge & Well Monitoring Prog	4,496.60	2,105.00	2,391.60	213.62%	17,848.65	18,945.00	-1,096.35	94.21%	21,080.00	25,260.00	-4,180.00	83.45%
7200 · PE2- Comp Recharge Pgm	321,321.22	324,071.00	-2,749.78	99.15%	1,071,713.22	1,380,227.00	-308,513.78	77.65%	1,399,597.30	1,425,415.00	-25,817.70	98.19%
7300 · PE3&5-Water Supply/Desalte	4,962.40	2,821.00	2,141.40	175.91%	6,454.02	25,781.00	-19,326.98	25.03%	25,399.04	34,374.00	-8,974.96	73.89%
7400 · PE4- Mgmt Plan	27,945.05	6,312.00	21,633.05	442.73%	232,315.01	309,319.00	-77,003.99	75.11%	326,682.70	328,338.00	-1,655.30	99.5%
7500 · PE6&7-CoopEfforts/SaltMgmt	30,064.65	12,154.00	17,910.65	247.36%	129,846.79	186,772.00	-56,925.21	69.52%	187,218.82	223,318.00	-36,099.18	83.84%
7600 · PE8&9-StorageMgmt/Conj Use	0.00	1,872.00	-1,872.00	0.0%	9,740.04	17,377.00	-7,636.96	56.05%	19,480.08	23,168.00	-3,687.92	84.08%
7690 · Recharge Improvement Debt Pymt	0.00	0.00	0.00	0.0%	526,276.00	2,268,221.70	-1,741,945.70	23.2%	2,152,552.00	2,268,221.70	-115,669.70	94.9%
7700 · Inactive Well Protection Prgm	0.00	42.00	-42.00	0.0%	0.00	375.00	-375.00	0.0%	0.00	500.00	-500.00	0.0%
9502 · G&A Expenses Allocated-Projects	20,208.21	29,203.00	-8,994.79	69.2%	138,679.89	262,828.00	-124,148.11	52.77%	181,525.04	350,437.00	-168,911.96	51.8%
Total Expense	923,588.86	808,938.00	114,650.86	114.17%	6,473,090.10	9,715,640.70	-3,242,550.60	66.63%	10,241,158.14	11,180,287.70	-939,129.56	91.6%
Net Ordinary Income	-861,126.38	-790,156.00	-70,970.38	108.98%	2,245,232.49	-1,092,093.70	3,337,326.19	-205.59%	-1,477,835.55	-2,537,960.70	1,060,125.15	58.23%
Other Income												
4210 · Approp Pool-Replenishment	0.00	0.00	0.00	0.0%	1,096,397.47	0.00	1,096,397.47	100.0%	1,096,397.47	0.00	1,096,397.47	100.0%
4220 · Non-Ag Pool-Replenishment	0.00	0.00	0.00	0.0%	24,974.17	0.00	24,974.17	100.0%	24,974.17	0.00	24,974.17	100.0%
4225 · Interest Income	0.00	0.00	0.00	0.0%	3,015.62	0.00	3,015.62	100.0%	10,000.00	0.00	10,000.00	100.0%
4226 · LAIF Fair Market Value	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
4600 · Groundwater Sales	675,000.00	0.00	675,000.00	100.0%	675,000.00	0.00	675,000.00	100.0%	675,000.00	0.00	675,000.00	100.0%
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	675,000.00	0.00	675,000.00	100.0%	1,799,387.26	0.00	1,799,387.26	100.0%	1,806,371.64	0.00	1,806,371.64	100.0%
Other Expense												
5010 · Groundwater Replenishment	0.00	0.00	0.00	0.0%	1,444,941.71	0.00	1,444,941.71	100.0%	1,444,941.71	0.00	1,444,941.71	100.0%
5100 · Other Water Purchases	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	675,000.00	0.00	675,000.00	100.0%
9200 · Interest Expense	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9251 · Other Post Employment Benefits	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9996 · Refund-Excess Reserves-Approp.	0.00	0.00	0.00	0.0%	271,110.41	0.00	271,110.41	100.0%	271,110.41	0.00	271,110.41	100.0%
9997 · Refund-Excess Reserves-NonAg	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9998 · Refund-Recharge Debt-Approp.	0.00	0.00	0.00	0.0%	64,564.00	0.00	64,564.00	100.0%	64,564.00	0.00	64,564.00	100.0%
9999 · To/(From) Reserves	0.00	0.00	0.00	0.0%	0.00	-225,500.00	225,500.00	0.0%	0.00	-225,500.00	225,500.00	0.0%
Total Other Expense	0.00	0.00	0.00	0.0%	1,780,616.12	-225,500.00	2,006,116.12	-789.63%	2,455,616.12	-225,500.00	2,681,116.12	-1,088.97%
Net Other Income	675,000.00	0.00	675,000.00	100.0%	18,771.14	225,500.00	-206,728.86	8.32%	-649,244.48	225,500.00	-874,744.48	-287.91%
Net Income	-186,126.38	-790,156.00	604,029.62	23.56%	2,264,003.63	-866,593.70	3,130,597.33	-261.25%	-2,127,080.03	-2,312,460.70	185,380.67	91.98%

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

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<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Paid Amount</u>
Bill Pmt -Check	04/03/2020	22085	ACCENT COMPUTER SOLUTIONS, INC.	IT Computer Services	1012 · Bank of America Gen'l Ckg	
Bill	03/31/2020	134337		Adobe Acrobat Pro 2017 license-Aldaz	6054 · Computer Software	450.00
Bill	03/31/2020	134338		Adobe Acrobat Pro 2017 license-Wilson	6054 · Computer Software	450.00
Bill	04/01/2020	134214		Monthly service - April 2020	6052.4 · IT Managed Services	4,018.28
				Overwatch - April 2020	6052.5 · IT Data Backup/Storage	699.00
				Omni Cloud - April 2020	6052.5 · IT Data Backup/Storage	153.00
				365 subscriptions/Bus. Premium - Apr. 2020	6052.4 · IT Managed Services	195.75
				Image Office Storage (per GB, per month)	6052.5 · IT Data Backup/Storage	702.32
TOTAL						6,668.35
Bill Pmt -Check	04/03/2020	22086	APPLIED COMPUTER TECHNOLOGIES	Database Consulting Services	1012 · Bank of America Gen'l Ckg	
Bill	03/31/2020	3140		March 2020	6052.2 · Applied Computer Technol	3,449.00
TOTAL						3,449.00
Bill Pmt -Check	04/03/2020	22087	DE BOOM, NATHAN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	03/12/2020	3/12 Ag Pool Mtg		3/12/20 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				3/12/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	04/03/2020	22088	ELIE, STEVEN	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	03/26/2020	3/26 Board Mtg		3/26/20 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	04/03/2020	22089	FEDAK & BROWN LLP	Audit Services	1012 · Bank of America Gen'l Ckg	
Bill	03/30/2020			March 2020	6062 · Audit Services	1,430.00
TOTAL						1,430.00
Bill Pmt -Check	04/03/2020	22090	FILIPPI, GINO	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	03/12/2020	3/12 Ag Pool Mtg		3/12/20 Ag Pool Meeting	6311 · Board Member Compensation	125.00
Bill	03/26/2020	3/26 Board Mtg		3/26/20 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						250.00
Bill Pmt -Check	04/03/2020	22091	FONTANA UNION WATER COMPANY'	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	03/17/2020	3/17 Bd mtg check		3/17/2020 Board Meeting check-in - Curatalo	6311 · Board Member Compensation	125.00
Bill	03/19/2020	3/19 Board Officers		3/19/2020 Board Officers/Pool Chairs-Curatalo	6311 · Board Member Compensation	125.00
Bill	03/24/2020	3/24 Board Agenda		3/24/2020 Board Agenda preview-Curatalo	6311 · Board Member Compensation	125.00
Bill	03/26/2020	3/26 Board Mtg		3/26/2020 Board Meeting - Curatalo	6311 · Board Member Compensation	125.00
TOTAL						500.00

TOTAL
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Bill Pmt -Check	04/03/2020	22092	INLAND VALLEY DAILY BULLETIN	900421820	1012 · Bank of America Gen'l Ckg	
Bill	03/31/2020	900421820		26 weeks renewal	6112 · Subscriptions/Publications	510.62
TOTAL						510.62
Bill Pmt -Check	04/03/2020	22093	KUHN, BOB	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	03/12/2020	3/12 Appro Pool Mtg		3/12/20 Appropriate Pool meeting	6311 · Board Member Compensation	125.00
Bill	03/17/2020	3/17 Executive Comm		3/17/20 Executive Committee meeting	6311 · Board Member Compensation	125.00
Bill	03/19/2020	3/19 Bd Officers		3/19/20 Board Officers/Pool Chairs meeting	6311 · Board Member Compensation	125.00
Bill	03/24/2020	3/24 Board Agenda		3/24/20 Board Agenda Preview	6311 · Board Member Compensation	125.00
Bill	03/26/2020	3/26 Board Mtg		3/26/20 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						625.00
Bill Pmt -Check	04/03/2020	22094	NELSON, ANNA	Employee Reimbursement-Expenses	1012 · Bank of America Gen'l Ckg	
Bill	03/31/2020			Admin meetings-Jan/Feb 2020	6141.3 · Admin Meetings	293.30
				Mileage/parking reimbursement for admin meeting	6173 · Airfare/Mileage	36.12
TOTAL						329.42
Bill Pmt -Check	04/03/2020	22095	PREMIERE GLOBAL SERVICES	29178339	1012 · Bank of America Gen'l Ckg	
Bill	03/31/2020	29178339		WM coordination call on 3/02	6909.1 · OBMP Meetings	37.32
				Appropriate Pool call on 3/04	8312 · Meeting Expenses	8.36
				WM coordination call on 3/06	6909.1 · OBMP Meetings	24.80
				WM coordination call on 3/09	6909.1 · OBMP Meetings	6.56
				PBHSP call on 3/10	6909.1 · OBMP Meetings	6.57
				Fee - General	6022 · Telephone	39.00
				Fee - Confidential	6022 · Telephone	39.00
				WM coordination call on 3/02	6909.1 · OBMP Meetings	6.56
				Wm coordination call on 3/06	6909.1 · OBMP Meetings	12.63
				OBMPU CEQA call on 3/09	6909.1 · OBMP Meetings	33.63
				OBMPU CEQA call on 3/09	6909.1 · OBMP Meetings	37.06
				PBHSP call on 3/10	6909.1 · OBMP Meetings	30.74
				Pools meeting check-in call on 3/11	8312 · Meeting Expenses	3.27
				Pools meeting check-in call on 3/11	8412 · Meeting Expenses	3.28
				Pools meeting check-in call on 3/11	8512 · Meeting Expense	3.28
				Team huddle call on 3/16	6141.3 · Admin Meetings	6.57
				WM coordination call on 3/16	6909.1 · OBMP Meetings	13.53
				Ag Pool contest call on 3/17	8412 · Meeting Expenses	11.58
				RW Quality call on 3/18	6909.1 · OBMP Meetings	11.21
				Chino Basin model peer review call-3/20	6909.1 · OBMP Meetings	6.58
				Chino Basin model peer review call-3/20	6909.1 · OBMP Meetings	10.69
				WM coordination call on 3/23	6909.1 · OBMP Meetings	15.06

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Type	Date	Num	Name	Memo	Account	Paid Amount
				Board agenda preview call on 3/24	6312 · Meeting Expenses	18.58
				Board meeting check-in call on 3/25	6312 · Meeting Expenses	14.41
				Call shortfalls	6022 · Telephone	78.00
				Service fees	6022 · Telephone	47.05
				PBHSP call on 3/10	6909.1 · OBMP Meetings	6.56
				Non-Ag Pool mtg confidential session-3/12	8512 · Meeting Expense	6.58
				Non-Ag Pool mtg confidential session-3/12	8512 · Meeting Expense	6.58
				Ag Pool mtg confidential session on 3/12	8412 · Meeting Expenses	6.56
				Ag Pool mtg confidential session on 3/12	8412 · Meeting Expenses	6.55
				Board Officers/Pool Chairs call on 3/19	6312 · Meeting Expenses	6.57
TOTAL						<u>564.72</u>
Bill Pmt -Check	04/03/2020	22096	READY REFRESH BY NESTLE	0023230253	1012 · Bank of America Gen'l Ckg	
Bill	03/26/2020	0023230253		Office Water Bottle - March 2020	6031.7 · Other Office Supplies	144.12
TOTAL						<u>144.12</u>
Bill Pmt -Check	04/03/2020	22097	ROGERS, PETER	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	03/26/2020	3/26 Board Mtg		3/26/20 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						<u>125.00</u>
Bill Pmt -Check	04/03/2020	22098	RR FRANCHISING, INC.	84578	1012 · Bank of America Gen'l Ckg	
Bill	04/01/2020	84578		April 2020	6024 · Building Repair & Maintenance	740.00
TOTAL						<u>740.00</u>
Bill Pmt -Check	04/03/2020	22099	SPECTRUM BUSINESS	2031978032320	1012 · Bank of America Gen'l Ckg	
Bill	03/30/2020	2031978032320		3/23/20-4/22/20	6053 · Internet Expense	800.86
TOTAL						<u>800.86</u>
Bill Pmt -Check	04/03/2020	22100	STANDARD INSURANCE CO.	Policy # 00-649299-0009	1012 · Bank of America Gen'l Ckg	
Bill	03/26/2020	00649299009		Policy # 00-649299-0009	60191 · Life & Disab.Ins Benefits	903.53
TOTAL						<u>903.53</u>
Bill Pmt -Check	04/03/2020	22101	STATE COMPENSATION INSURANCE FUND	1970970-19	1012 · Bank of America Gen'l Ckg	
Bill	04/01/2020	1970970-19		Premium 3/26/20-4/26/20	60183 · Worker's Comp Insurance	532.75
TOTAL						<u>532.75</u>
Bill Pmt -Check	04/03/2020	22102	UNION 76	7076-2245-3035-5049	1012 · Bank of America Gen'l Ckg	
Bill	03/31/2020	7076224530355049		March 2020	6175 · Vehicle Fuel	104.80
TOTAL						<u>104.80</u>

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Bill Pmt -Check	04/03/2020	22103	VERIZON WIRELESS	9850375681	1012 · Bank of America Gen'l Ckg	
Bill	03/26/2020	9850375681		Acct #642073270-00001	7103.7 · Grdwtr Qual-Computer Svc	110.04
TOTAL						110.04
Bill Pmt -Check	04/03/2020	22104	VISION SERVICE PLAN	00-101789-0001	1012 · Bank of America Gen'l Ckg	
Bill	03/26/2020	00101789		Vision Insurance Premium - April 2020	60182.2 · Dental & Vision Ins	93.83
TOTAL						93.83
General Journal	04/04/2020	04/04/2020	Payroll and Taxes for 03/22/20-04/04/20	Payroll and Taxes for 03/22/20-04/04/20	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 03/22/20-04/04/20	1012 · Bank of America Gen'l Ckg	29,180.28
				Payroll Taxes for 03/22/20-04/04/20	1012 · Bank of America Gen'l Ckg	10,478.07
			ICMA-RC	457(b) EE Deductions for 03/22/20-04/04/20	1012 · Bank of America Gen'l Ckg	5,476.92
			ICMA-RC	401(a) EE Deductions for 03/22/20-04/04/20	1012 · Bank of America Gen'l Ckg	1,562.57
TOTAL						46,697.84
Bill Pmt -Check	04/04/2020	ACH 040820	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	04/04/2020	04/04/2020	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 03/22/20-04/04/20	2000 · Accounts Payable	8,180.70
TOTAL						8,180.70
Bill Pmt -Check	04/09/2020	22105	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	03/31/2020	XXXX-XXXX-XXXX-9341		Keyboard tray	6031.7 · Other Office Supplies	56.53
				Dell universal dock - (AN)	6055 · Computer Hardware	251.29
				Employee 10 yr. service award	6141.3 · Admin Meetings	103.59
				Cleaning supplies - sanitizer	6031.7 · Other Office Supplies	135.07
				Cleaning supplies - sanitizer	6031.7 · Other Office Supplies	8.36
				Cleaning supplies - wipes	6031.7 · Other Office Supplies	41.63
				Lunch-staff/legal counsel/ag pool pre-mtg.	8412 · Meeting Expenses	164.55
				Laptop - Inspiron 13 5000 Series 5391 (AN)	6055 · Computer Hardware	728.99
				Laptop - Inspiron 7000 15 Series 7591 (JJ)	6055 · Computer Hardware	864.41
				Monitor - (AN)	6055 · Computer Hardware	402.73
				Ethernet cable - (AN)	6055 · Computer Hardware	7.12
				Cleaning supplies - sanitizer	6031.7 · Other Office Supplies	62.79
				Lunch for staff/consultants-Eng. budget	6909.1 · OBMP Meetings	85.82
				Headset - (JJ)	6031.7 · Other Office Supplies	10.55
				Toner cartridge - (JJ)	6031.7 · Other Office Supplies	18.48
				Logitech webcam - (JJ)	6055 · Computer Hardware	85.61
				Laptops - Inspiron 7000 15 Series 7591	6055 · Computer Hardware	1,728.85
				Cleaning supplies - sanitizer	6031.7 · Other Office Supplies	73.30
				Ergonomic wireless mouse	6055 · Computer Hardware	29.31
				Costco membership renewal	6111 · Membership Dues	174.92

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				Toner cartridges	6031.7 · Other Office Supplies	211.86
				Toner cartridges	6031.7 · Other Office Supplies	35.59
				Office supplies	6031.7 · Other Office Supplies	20.80
				Copy paper	6031.1 · Copy Paper	30.64
				Webcams for office - (VA, JW)	6055 · Computer Hardware	182.78
				Miscellaneous office supplies	6031.7 · Other Office Supplies	19.94
				WiFi mesh hub system - (AJ)	6055 · Computer Hardware	107.85
				Registration for ETF for GRACAST	6193.2 · Conference - Registration Fee	72.88
				Registration for PK for GRACAST	6193.2 · Conference - Registration Fee	72.88
				Software - annual renewal	6054 · Computer Software	58.31
				Uniforms for staff	6154 · Uniforms	107.49
				WiFi mesh hub system - (AN)	6055 · Computer Hardware	240.81
				Transaction fee for software renewal	6054 · Computer Software	1.75
				PK mtg w/C. Berch, ETF	8312 · Meeting Expenses	38.81
				PK mtg w/P. Rogers	6312 · Meeting Expenses	56.26
				Fee for increasing number of participants	6022 · Telephone	192.98
				PK mtg w/C. Diggs	8312 · Meeting Expenses	29.75
TOTAL						6,515.28
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Bill Pmt -Check	04/07/2020	ACH 040720	CALPERS	1394905143	1012 · Bank of America Gen'l Ckg	
Bill	03/16/2020	1394905143		Medical Insurance Premiums - April 2020	60182.1 · Medical Insurance	11,022.41
				Retro for Aldaz - March 2020	60182.1 · Medical Insurance	1,626.34
TOTAL						12,648.75
Bill Pmt -Check	04/09/2020	22106	BOWCOCK, ROBERT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	03/16/2020	3/16 OBMP IPU		3/16/20 OBMP IPU and PAA Drafting Session #1	6311 · Board Member Compensation	125.00
Bill	03/26/2020	3/26 Board Mtg		3/26/20 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						250.00
Bill Pmt -Check	04/09/2020	22107	CORELOGIC INFORMATION SOLUTIONS	82015388	1012 · Bank of America Gen'l Ckg	
Bill	03/31/2020	82015388		82015388	7103.7 · Grdwtr Qual-Computer Svc	62.50
				82015388	7101.4 · Prod Monitor-Computer	62.50
TOTAL						125.00
Bill Pmt -Check	04/09/2020	22108	LUHDORFF & SCALMANINI	35836	1012 · Bank of America Gen'l Ckg	
Bill	03/29/2020	35836		Project-Chino Basin Safe Yield Analysis	6906.73 · OBMP-2020 Safe Yield Recalc	2,925.00
TOTAL						2,925.00
Bill Pmt -Check	04/09/2020	22109	PITNEY BOWES GLOBAL FINANCIAL SERVICE 3103874699		1012 · Bank of America Gen'l Ckg	
Bill	03/30/2020	3103274699		Postage meter lease	6044 · Postage Meter Lease	430.63

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TOTAL							430.63
	Bill Pmt -Check	04/09/2020	22110	STAPLES BUSINESS ADVANTAGE	8057992539	1012 - Bank of America Gen'l Ckg	
	Bill	03/28/2020	8057992539		Business envelopes	6031.7 - Other Office Supplies	36.84
TOTAL							36.84
	Bill Pmt -Check	04/09/2020	22111	TELLEZ-FOSTER, EDGAR	Employee Reimbursement - Expenses	1012 - Bank of America Gen'l Ckg	
	Bill	09/11/2019	9/06 Ops Staff Mtg		9/06/19 Ops Staff Meeting	6141.3 - Admin Meetings	83.19
TOTAL							83.19
	Bill Pmt -Check	04/09/2020	22112	WESTERN MUNICIPAL WATER DISTRICT	Board Member Compensation	1012 - Bank of America Gen'l Ckg	
	Bill	03/26/2020	3/26 Board Mtg		3/26/2020 Board Mtg. - Don Galeano	6311 - Board Member Compensation	125.00
TOTAL							125.00
	Bill Pmt -Check	04/09/2020	22113	BURRTEC WASTE INDUSTRIES, INC.	21136525395	1012 - Bank of America Gen'l Ckg	
	Bill	04/01/2020	21136525395		April 2020	6024 - Building Repair & Maintenance	135.72
TOTAL							135.72
PG 1	Bill Pmt -Check	04/16/2020	22114	WILDERMUTH ENVIRONMENTAL INC		1012 - Bank of America Gen'l Ckg	
	Bill	03/31/2020	2020088		2020088	6906.31 - OBMP-Pool, Adv. Board Mtgs	4,832.20
	Bill	03/31/2020	2020089		2020089	6906.32 - OBMP-Other General Meetings	17,574.11
	Bill	03/31/2020	2020090		2020090	6906.71 - OBMP-Data Req.-CBWM Staff	2,136.80
	Bill	03/31/2020	2020091		2020091	6906.72 - OBMP-Data Req.-Non CBWM Staff	1,027.20
	Bill	03/31/2020	2020092		2020092	6906.23 - SGMA Reporting Requirements	1,198.50
	Bill	03/31/2020	2020093		2020093	6906 - OBMP Engineering Services	8,384.28
	Bill	03/31/2020	2020094		2020094	6906.24 - Compliance-SWRCB	2,157.10
	Bill	03/31/2020	2020095		2020095	6906.26 - 2020 OBMP Update	11,947.58
	Bill	03/31/2020	2020096		2020096	6906.28 - Agriculture Prod. & Estimation	65.70
	Bill	03/31/2020	2020097		2020097	6906.81 - Prepare Annual Reports	262.80
	Bill	03/31/2020	2020098		2020098	6906.16 - CBEWP-100% IEUA Cost	31,623.78
	Bill	03/31/2020	2020099		2020099	7103.3 - Grdwtr Qual-Engineering	13,545.40
	Bill	03/31/2020	2020100		2020100	7104.3 - Grdwtr Level-Engineering	10,593.40
	Bill	03/31/2020	2020101		2020101	7107.2 - Grd Level-Engineering	5,626.06
	Bill	03/31/2020	2020102		2020102	7108.31 - Hydraulic Control - PBHSP	10,497.40
	Bill	03/31/2020	2020103		2020103	7109.3 - Recharge & Well - Engineering	4,496.60
	Bill	03/31/2020	2020104		2020104	7202.2 - Engineering Svc	1,878.20
	Bill	03/31/2020	2020105		2020105	7206.1 - SB88 Specs-Ensure Compliance	3,923.70
	Bill	03/31/2020	2020106		2020106	7303 - PE3&5-Engineering	4,962.40
	Bill	03/31/2020	2020107		2020107	7402 - PE4-Engineering	5,816.45
	Bill	03/31/2020	2020108		2020108	7402.10 - PE4 - Northwest MZ1 Area Proj.	21,848.54

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	03/31/2020	2020109		2020109	7502 · PE6&7-Engineering	21,521.90
Bill	03/31/2020	2020110		2020110	7510 · PE6&7-IEUA Salinity Mgmt. Plan	14,997.60
Bill	03/31/2020	2020111		2020111	7511 · PE6&7-SAWBMPTask Force-50% IEU	1,117.60
TOTAL						202,035.30
Bill Pmt -Check	04/16/2020	22115	CUCAMONGA VALLEY WATER DISTRICT	Lease Payment	1012 · Bank of America Gen'l Ckg	
Bill	04/15/2020			Lease due on May 1, 2020	1422 · Prepaid Rent	7,093.14
TOTAL						7,093.14
Bill Pmt -Check	04/16/2020	22116	CV STRATEGIES	5529	1012 · Bank of America Gen'l Ckg	
Bill	03/30/2020	5529		Strategic Comm. Services re: Newsletter	6906.26 · 2020 OBMP Update	1,968.75
TOTAL						1,968.75
Bill Pmt -Check	04/16/2020	22117	EGOSCUE LAW GROUP, INC.	12681	1012 · Bank of America Gen'l Ckg	
Bill	03/31/2020	12681		Ag Pool Legal Services - March 2020	8467 · Ag Legal & Technical Services	55,218.75
TOTAL						55,218.75
Bill Pmt -Check	04/16/2020	22118	FIRST LEGAL NETWORK LLC	40038990	1012 · Bank of America Gen'l Ckg	
Bill	03/31/2020	40038990		Court filing on 3/13/20	6061.5 · Court Filing Services	111.54
TOTAL						111.54
Bill Pmt -Check	04/16/2020	22119	LEGAL SHIELD	111802	1012 · Bank of America Gen'l Ckg	
Bill	04/14/2020	111802		Employee deductions - March 2020	60194 · Other Employee Insurance	177.35
TOTAL						177.35
Bill Pmt -Check	04/16/2020	22120	LOEB & LOEB LLP	1882295	1012 · Bank of America Gen'l Ckg	
Bill	03/31/2020	1882295		Non-Ag Pool Legal Services - March 2020	8567 · Non-Ag Legal Service	5,154.30
TOTAL						5,154.30
Bill Pmt -Check	04/16/2020	22121	PIERSON, JEFFREY	Ag Pool and Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	03/02/2020	3/02 OBMPU Mtg		3/02/20 OBMPU meeting	6311 · Board Member Compensation	125.00
Bill	03/10/2020	3/10 Ag Pool Attny		3/10/20 Ag Pool attorney conference call	8411 · Ag Pool Member Compensation	25.00
				3/10/20 Ag Pool attorney conference call	8470 · Ag Meeting Attend -Special	100.00
Bill	03/10/2020	3/10 PBHCP Rpt		3/10/20 Prado Basin HCP Report meeting	6311 · Board Member Compensation	125.00
Bill	03/12/2020	3/12 Ag Pool Mtg		3/12/20 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				3/12/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	03/12/2020	3/12 Ag & Appro Mtg		3/12/20 Ag & App. Pools Mtg-Ag Pool Rules	8411 · Ag Pool Member Compensation	25.00
				3/12/20 Ag & App. Pools Mtg-Ag Pool Rules	8470 · Ag Meeting Attend -Special	100.00
Bill	03/12/2020	3/12 Admin Mtg		3/12/20 Administrative meeting w/PK	6311 · Board Member Compensation	125.00
Bill	03/14/2020	3/14 Ag Pool mtg		3/14/20 Ag Pool Chair/Vchair-coord. mtg.	8411 · Ag Pool Member Compensation	25.00

PB
TOTAL

CHINO BASIN WATERMASTER
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Type	Date	Num	Name	Memo	Account	Paid Amount
				3/14/20 Ag Pool Chair/Vchair-coord. mtg.	8470 · Ag Meeting Attend -Special	100.00
Bill	03/16/2020	3/16 Ag Pool Attny		3/16/20 Ag Pool attorney conference call	8411 · Ag Pool Member Compensation	25.00
				3/16/20 Ag Pool attorney conference call	8470 · Ag Meeting Attend -Special	100.00
Bill	03/16/2020	3/16 OBMP Review		3/16/20 OBMP PE 8 & 9 Review meeting	6311 · Board Member Compensation	125.00
Bill	03/17/2020	3/17 Admin Mtg		3/17/20 Administrative mtg w/PK	6311 · Board Member Compensation	125.00
Bill	03/18/2020	3/18 Ag Pool CC		3/18/20 Ag Pool conference call	8411 · Ag Pool Member Compensation	25.00
				3/18/20 Ag Pool conference call	8470 · Ag Meeting Attend -Special	100.00
Bill	03/19/2020	3/19 Advisory Comm		3/19/20 Advisory Committee meeting	8411 · Ag Pool Member Compensation	25.00
				3/19/20 Advisory Committee meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	03/19/2020	3/19 Ag Pool Attny		3/19/20 Ag Pool Attorney conference call	8470 · Ag Meeting Attend -Special	125.00
Bill	03/19/2020	3/19 Admin Mtg		3/19/20 Administrative meeting w/PK	6311 · Board Member Compensation	125.00
Bill	03/20/2020	3/20 Ag Pool Attny		3/20/20 Ag Pool Attorney conference call	8470 · Ag Meeting Attend -Special	125.00
Bill	03/24/2020	3/24 Admin Mtg		3/24/20 Administrative Meeting w/PK	6311 · Board Member Compensation	125.00
Bill	03/26/2020	3/26 Board Mtg		3/26/20 Board Meeting	6311 · Board Member Compensation	125.00
Bill	03/29/2020	3/29 Admin Mtg		3/29/20 Administrative Meeting w/PK	6311 · Board Member Compensation	125.00
Bill	03/31/2020	3/31 Ag Pool Attny		3/31/20 Ag Pool Attorney conference call	8470 · Ag Meeting Attend -Special	125.00
TOTAL						2,375.00
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Bill Pmt -Check	04/16/2020	22122	PIETERSMA, RONALD	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/09/2020	4/09 Confidential		4/09/20 Ag Pool Confidential - meeting	8411 · Ag Pool Member Compensation	25.00
				4/09/20 Ag Pool Confidential - meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	04/09/2020	4/09 Ag Pool Mtg		4/09/20 Ag Pool meeting	8411 · Ag Pool Member Compensation	25.00
				4/09/20 Ag Pool meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						250.00
Bill Pmt -Check	04/16/2020	22123	STAULA, MARY L	Retiree Medical	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2020			Retiree Medical	60182.4 · Retiree Medical	30.72
TOTAL						30.72
Bill Pmt -Check	04/16/2020	22124	TOM DODSON & ASSOCIATES	CB271 20-4	1012 · Bank of America Gen'l Ckg	
Bill	03/31/2020	CB271 20-4		March 2020 - OBMP Update PEIR	6908.1 · 2020 OBMP Update-Dodson & Assoc	39,659.90
TOTAL						39,659.90
Bill Pmt -Check	04/16/2020	22125	UNITED HEALTHCARE	052574563380	1012 · Bank of America Gen'l Ckg	
Bill	04/15/2020	052574563380		Dental Insurance Premium - May 2020	60182.2 · Dental & Vision Ins	805.17
TOTAL						805.17
Bill Pmt -Check	04/16/2020	22126	VERIZON WIRELESS	9851859975	1012 · Bank of America Gen'l Ckg	
Bill	04/13/2020	9851859975		Acct #470810953-00001	6022 · Telephone	344.33
TOTAL						344.33

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Type	Date	Num	Name	Memo	Account	Paid Amount
General Journal	04/17/2020	04/17/2020	ADP, LLC	ADP Tax Service for 03/21/20-555363387	1012 · Bank of America Gen'l Ckg	
				ADP Tax Service for 03/21/20-555363387	1012 · Bank of America Gen'l Ckg	155.50
				ADP Tax Service for 04/04/20-555363387	1012 · Bank of America Gen'l Ckg	155.50
TOTAL						311.00
General Journal	04/18/2020	04/18/2020	Payroll and Taxes for 04/05/20-04/18/20	Payroll and Taxes for 04/05/20-04/18/20	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 04/05/20-04/18/20	1012 · Bank of America Gen'l Ckg	30,442.21
				Payroll Taxes for 04/05/20-04/18/20	1012 · Bank of America Gen'l Ckg	9,981.00
			ICMA-RC	457(b) EE Deductions for 04/05/20-04/18/20	1012 · Bank of America Gen'l Ckg	5,476.92
			ICMA-RC	401(a) EE Deductions for 04/05/20-04/18/20	1012 · Bank of America Gen'l Ckg	1,562.57
TOTAL						47,462.70
Bill Pmt -Check	04/21/2020	22127	BROWNSTEIN HYATT FARBER SCHRECK		1012 · Bank of America Gen'l Ckg	
Bill	03/31/2020	797744		797744	6078 · BHFS Legal - Miscellaneous	40,250.70
				Mileage/Parking Expense	6078 · BHFS Legal - Miscellaneous	71.49
Bill	03/31/2020	797745		COVID-19 discussions	6073 · BHFS Legal - Personnel Matters	178.20
Bill	03/31/2020	797746		797746	6907.34 · Santa Ana River Water Rights	2,223.00
Bill	03/31/2020	797747		797747	6275 · BHFS Legal - Advisory Committee	891.00
Bill	03/31/2020	797748		797748	6375 · BHFS Legal - Board Meeting	7,338.60
Bill	03/31/2020	797749		797749	8375 · BHFS Legal - Appropriative Pool	1,024.65
Bill	03/31/2020	797750		797750	8475 · BHFS Legal - Agricultural Pool	1,024.65
Bill	03/31/2020	797751		797751	8575 · BHFS Legal - Non-Ag Pool	1,024.65
Bill	03/31/2020	797752		797752	6071 · BHFS Legal - Court Coordination	2,255.85
Bill	03/31/2020	797753		797753	6077 · BHFS Legal - Party Status Maint	4,034.25
Bill	03/31/2020	797754		797754	6907.41 · Prado Basin Habitat Sustain	977.85
Bill	03/31/2020	797755		797755	6907.44 · SGMA Compliance	222.75
Bill	03/31/2020	797756		797756	6907.45 · OBMP Update	47,490.30
				Delivery/Gound Transportation	6907.45 · OBMP Update	150.00
				Mileage/Parking Expense	6907.45 · OBMP Update	71.49
Bill	03/31/2020	797757		797757	6907.47 · 2020 Safe Yield Reset	13,100.85
Bill	03/31/2020	797758		797758	6078.25 · Ely 3 Basin Investigation	89.10
TOTAL						122,419.38
Bill Pmt -Check	04/21/2020	22128	GREAT AMERICA LEASING CORP.	26867769	1012 · Bank of America Gen'l Ckg	
Bill	04/16/2020	26867769		Invoice for March 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	04/21/2020	22129	HUITSING, JOHN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	03/12/2020	3/12 Ag Pool Mtg		3/12/20 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				3/12/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	04/21/2020	22130	PIETERSMA, RONALD	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/17/2020	4/17 Special Ag Pool		4/17/20 Special Ag Pool meeting	8411 · Ag Pool Member Compensation	25.00
				4/17/20 Special Ag Pool meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	04/23/2020	22131	DE HAAN, HENRY	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	03/12/2020	3/12 Ag Pool Mtg		3/12/20 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				3/12/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	04/23/2020	22132	FEENSTRA, BOB	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	03/10/2020	3/10 Ag Pool Attny		3/10/20 Confidential Ag Pool attorney call	8411 · Ag Pool Member Compensation	25.00
				3/10/20 Confidential Ag Pool attorney call	8470 · Ag Meeting Attend -Special	100.00
Bill	03/12/2020	3/12 Ag/Appro Pool		3/12/20 Ag and Appropriative Pool meeting	8411 · Ag Pool Member Compensation	25.00
				3/12/20 Ag and Appropriative Pool meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	03/12/2020	3/12 Ag Pool Mtg		3/12/20 Ag Pool meeting	8411 · Ag Pool Member Compensation	25.00
				3/12/20 Ag Pool meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	03/16/2020	3/16 Ag Pool Attny		3/16/20 Ag Pool chair/attorney meeting	8411 · Ag Pool Member Compensation	25.00
				3/16/20 Ag Pool chair/attorney meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	03/19/2020	3/19 Advisory Comm		3/19/20 Advisory Committee meeting	8411 · Ag Pool Member Compensation	25.00
				3/19/20 Advisory Committee meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	03/19/2020	3/19 Ag Pool Attny		3/19/20 Ag Pool attorney conference call	8470 · Ag Meeting Attend -Special	125.00
Bill	03/20/2020	3/20 Ag Pool Attny		3/20/20 Ag Pool attorney conference call	8470 · Ag Meeting Attend -Special	125.00
Bill	03/26/2020	3/26 Board Mtg		3/26/20 Board meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	03/31/2020	3/31 Ag Pool Attny		3/21/20 Ag Pool attorney conference call	8470 · Ag Meeting Attend -Special	125.00
TOTAL						1,125.00
Bill Pmt -Check	04/23/2020	22133	FRONTIER COMMUNICATIONS	909-484-3890-050914-5	1012 · Bank of America Gen'l Ckg	
Bill	04/21/2020	90948438900509145		Office fax	6022 · Telephone	154.32
TOTAL						154.32
Bill Pmt -Check	04/23/2020	22134	STANDARD INSURANCE CO.	Policy # 00-649299-0009	1012 · Bank of America Gen'l Ckg	
Bill	04/21/2020	006492990009		Policy # 00-649299-0009	60191 · Life & Disab.Ins Benefits	903.53
TOTAL						903.53
Bill Pmt -Check	04/23/2020	22135	VERIZON WIRELESS	9852461491	1012 · Bank of America Gen'l Ckg	

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	04/21/2020	9852461491		Acct #642073270-00001	7103.7 · Grdwtr Qual-Computer Svc	100.04
TOTAL						100.04
Bill Pmt -Check	04/27/2020	ACH 042720	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	04/18/2020	04/18/2020	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 04/05/20-04/18/20	2000 · Accounts Payable	8,180.70
TOTAL						8,180.70
Bill Pmt -Check	04/28/2020	ACH 042820	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
Bill	04/01/2020	15995261		Annual Unfunded Accrued Liability-Plan 3299	60180 · Employers PERS Expense	6,655.12
TOTAL						6,655.12
General Journal	04/30/2020	20/04/16	Wage Works FSA Direct Debits - Apr. 2020	Wage Works FSA Direct Debits - Apr. 2020	1012 · Bank of America Gen'l Ckg	
				Wage Works FSA Direct Debits - Apr. 2020	1012 · Bank of America Gen'l Ckg	516.93
				Wage Works FSA Direct Debits - Apr. 2020	1012 · Bank of America Gen'l Ckg	516.93
				Wage Works FSA Direct Debits - Apr. 2020	1012 · Bank of America Gen'l Ckg	76.25
TOTAL						1,110.11
					Total Disbursements:	601,897.45

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CHINO BASIN WATERMASTER

- I. **CONSENT CALENDAR**
- C. **APPLICATON: 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: May 21, 2020

TO: Advisory Committee

SUBJECT: Application: Water Transaction – Cucamonga Valley Water District to Fontana Water Company (Consent Calendar Item I.C.)

SUMMARY:

Issue: The transfer of 7,500.0 acre-feet of water from Cucamonga Valley Water District to Fontana Water Company. This transfer is made from Cucamonga Valley Water District's Annual Production Right.

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

Financial Impact: None

Future Consideration

Advisory Committee – May 21, 2020: Advice and assistance.

Watermaster Board – May 28, 2020: Approval (within WM Duties and Powers).

ACTIONS:

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

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

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

Advisory Committee – May 21, 2020:

Watermaster Board – May 28, 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 February 25, 2020. Notice of the transaction was transmitted electronically and mailed on April 3, 2020 along with the materials submitted by the requestors.

DISCUSSION

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

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

All three Pool Committees unanimously recommended Advisory Committee approval at their April 9, 2020 meetings.

ATTACHMENTS

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

Consolidated Forms 3, 4 & 5

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

FISCAL YEAR 2019 - 2020

DATE REQUESTED: 2/25/2020

AMOUNT REQUESTED: 7,500.00 Acre-Feet

TRANSFER FROM (SELLER / TRANSFEROR): Cucamonga Valley Water District	TRANSFER TO (BUYER / TRANSFEREE): Fontana Water Company
Name of Party 10440 Ashford Street	Name of Party 15966 Arrow Route
Street Address Rancho Cucamonga CA. 91730	Street Address Fontana CA. 92335
City State Zip Code (909) 937-2591	City State Zip Code (909) 822-2201
Telephone (909) 476-8032	Telephone (909) 823-5046
Facsimile	Facsimile

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

PURPOSE OF TRANSFER:

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

WATER IS TO BE TRANSFERRED FROM:

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

WATER IS TO BE TRANSFERRED TO:

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

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

IF WATER IS TO BE TRANSFERRED FROM STORAGE:	
Varies	2019- 2020
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:	
Chino Basin Management Zone 3	
LOCATION OF RECAPTURE FACILITIES (IF DIFFERENT FROM REGULAR PRODUCTION FACILITIES):	
N/A	

WATER QUALITY AND WATER LEVELS

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

If yes, please explain:

Recent perchlorate levels range from non detect to 8.2 ppb and nitrate levels (as N) range from 0.47 to 10.0 ppm.

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

Static Water Levels ranging from 322 feet (bgs) to 683 feet (bgs) as of November 2019.

MATERIAL PHYSICAL INJURY

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

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

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


N/A

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
John Bosler, General Manager/CEO

 Seller / Transferor Representative Name (Printed)



 Buyer / Transferee Representative Signature
Josh Swift, General Manager

 Buyer / Transferee Representative Name (Printed)

TO BE COMPLETED BY WATERMASTER STAFF:

- DATE OF WATERMASTER NOTICE: _____
- DATE OF APPROVAL FROM APPROPRIATIVE POOL: _____
- DATE OF APPROVAL FROM NON-AGRICULTURAL POOL: _____
- DATE OF APPROVAL FROM AGRICULTURAL POOL: _____
- HEARING DATE, IF ANY: _____
- DATE OF ADVISORY COMMITTEE APPROVAL: _____
- DATE OF BOARD APPROVAL: _____

CHINO BASIN WATERMASTER

NOTICE

OF

APPLICATION(S)

RECEIVED FOR

WATER TRANSACTIONS – ACTIVITIES

Date of Notice:

April 3, 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: **February 25, 2020** Date of this notice: **April 3, 2020**

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

- Notice of Sale or Transfer – The transfer of 7,500.0 acre-feet of water from Cucamonga Valley Water District to Fontana Water Company. This transfer is made from Cucamonga Valley Water District’s Annual Production Right.

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

Appropriative Pool:	April 9, 2020
Non-Agricultural Pool:	April 9, 2020
Agricultural Pool:	April 9, 2020

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

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

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

Watermaster address:

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

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

CHINO BASIN WATERMASTER

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



CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: May 21, 2020

TO: Advisory Committee

SUBJECT: Application: Water Transaction – Santa Ana River Water Company to Fontana Water Company (Consent Calendar Item I.D.)

SUMMARY:

Issue: The transfer of 1,000.0 acre-feet of water from Santa Ana River Water Company to Fontana Water Company. This transfer is made from Santa Ana River Water Company's Annual Production Right.

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

Financial Impact: None

Future Consideration

Advisory Committee – May 21, 2020: Advice and assistance.

Watermaster Board – May 28, 2020: Approval (within Watermaster powers and duties).

ACTIONS:

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

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

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

Advisory Committee – May 21, 2020:

Watermaster Board – May 28, 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 February 21, 2020. Notice of the transaction was transmitted electronically and mailed on April 3, 2020 along with the materials submitted by the requestors.

DISCUSSION

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

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

All three Pool Committees unanimously recommended Advisory Committee approval at their April 9, 2020 meetings

ATTACHMENTS

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

Consolidated Forms 3, 4 & 5

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

FISCAL YEAR 2019 - 2020

DATE REQUESTED: 2/21/2020

AMOUNT REQUESTED: 1,000.00 Acre-Feet

TRANSFER FROM (SELLER / TRANSFEROR): Santa Ana River Water Company			TRANSFER TO (BUYER / TRANSFEREE): Fontana Water Company		
Name of Party			Name of Party		
10530 54th Street			15986 Arrow Route		
Street Address			Street Address		
Mira Loma	CA.	91752	Fontana	CA.	92335
City	State	Zip Code	City	State	Zip Code
(951) 685-6503			(909) 822-2201		
Telephone			Telephone		
(909) 823-5046					
Facsimile			Facsimile		

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

PURPOSE OF TRANSFER:

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

WATER IS TO BE TRANSFERRED FROM:

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

WATER IS TO BE TRANSFERRED TO:

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

Consolidated Forms 3, 4 & 5 cont.

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

IF WATER IS TO BE TRANSFERRED FROM STORAGE:	
Varies	2019- 2020
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:	
Chino Basin Management Zone 3	
LOCATION OF RECAPTURE FACILITIES (IF DIFFERENT FROM REGULAR PRODUCTION FACILITIES):	
N/A	

WATER QUALITY AND WATER LEVELS

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

If yes, please explain:

Recent perchlorate levels range from non detect to 8.2 ppb and nitrate levels (as N) range from 0.47 to 10.0 ppm.

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

Static Water Levels ranging from 322 feet (bgs) to 683 feet (bgs) as of November 2019.

MATERIAL PHYSICAL INJURY

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

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

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

N/A


Consolidated Forms 3, 4 & 5 cont.

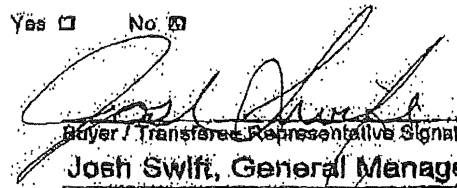
SAID TRANSFER SHALL BE CONDITIONED UPON:

- (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
Vicki Rupa, Board President
 Seller / Transferor Representative Name (Printed)


 Buyer / Transferee Representative Signature
Josh Swift, General Manager
 Buyer / Transferee Representative Name (Printed)

TO BE COMPLETED BY WATERMASTER STAFF:

- DATE OF WATERMASTER NOTICE: _____
- DATE OF APPROVAL FROM APPROPRIATIVE POOL: _____
- DATE OF APPROVAL FROM NON-AGRICULTURAL POOL: _____
- DATE OF APPROVAL FROM AGRICULTURAL POOL: _____
- HEARING DATE, IF ANY: _____
- DATE OF ADVISORY COMMITTEE APPROVAL: _____
- DATE OF BOARD APPROVAL: _____

CHINO BASIN WATERMASTER

NOTICE

OF

APPLICATION(S)

RECEIVED FOR

WATER TRANSACTIONS – ACTIVITIES

Date of Notice:

April 3, 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: **February 21, 2020**

Date of this notice: **April 3, 2020**

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

- Notice of Sale or Transfer – The transfer of 1,000.0 acre-feet of water from Santa Ana River Water Company to Fontana Water Company. This transfer is made from Santa Ana River Water Company's Annual Production Right.

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

Appropriative Pool: April 9, 2020

Non-Agricultural Pool: April 9, 2020

Agricultural Pool: April 9, 2020

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

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

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

Watermaster address:

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

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

CHINO BASIN WATERMASTER

I. CONSENT CALENDAR

E. FIRST AMENDMENT TO TASK ORDER NO. 2 UNDER MASTER AGREEMENT FOR COLLABORATIVE PROJECTS (TECHNICAL SUPPORT FOR THE UPPER SANTA ANA RIVER GROUNDWATER INTEGRATED MODEL)



CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: May 21, 2020

TO: Advisory Committee

SUBJECT: First Amendment to Task Order No. 2 Under Master Agreement for Collaborative Projects Technical Support for Analysis of the Upper Santa Ana River Groundwater Integrated Model (Consent Calendar Item I.E.)

SUMMARY:

Issue: In June 2018 Watermaster and IEUA entered into Task Order No. 2 to cost-share technical assistance from WEI regarding the development of the Upper Santa Ana River Integrated Model. The Task Order needs to be amended to allow for continuous support for FY 2020/21.

Recommendation: Approve the First Amendment to Task Order No. 2 (Technical Support for Analysis of the Upper Santa Ana River Groundwater Integrated Model).

Financial Impact: For Fiscal Year 2020/21 the maximum estimated cost for Watermaster is \$21,200 which has been included in the 2020/21 Engineering Services Budget (Account No. 6906.15).

Future Consideration

Advisory Committee – May 21, 2020: Approval

Watermaster Board – May 28, 2020: Approval [Advisory Committee Approval Required]

ACTIONS:

Appropriative Pool – May 14, 2020: Unanimously recommended Advisory Committee approval.

Agricultural Pool – May 14, 2020: Unanimously recommended Advisory Committee approval

Non-Agricultural Pool – May 15, 2020: Unanimously recommended its representatives to support at Advisory Committee and Watermaster Board subject to changes they deem appropriate.

Advisory Committee – May 21, 2020:

Watermaster Board – May 28, 2020:

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

BACKGROUND

On September 28, 2017 Watermaster and IEUA entered into a Master Agreement for Collaborative Projects. New Task Orders are issued when a new project is identified.

The Integrated Model is an effort led by San Bernardino Valley Municipal Water District, IEUA, Western Municipal Water District, Orange County Water District and Riverside Public Utilities in partnership with the US Department of Fish and Wildlife and the California Department of Fish and Wildlife. The Integrated Model will analyze the groundwater and surface water interactions of five groundwater basins in the Upper Santa Ana River Watershed. The results of this modeling effort will inform some technical aspects of the Upper Santa Ana River Habitat Conservation Plan (HCP).

In June 2018 Watermaster and IEUA entered the Task Order No. 2 to cost share technical support during the development of the Upper Santa Ana River Integrated Groundwater Model. Watermaster contracted the services of Wildermuth Environmental Inc. ("WEI") to provide technical advice and documentation, review modeling and provide suggestions and recommendations on the portions of the Integrated Model pertaining to the Chino Basin.

The scope of Task Order No. 2 provides that, at the direction of Watermaster or IEUA staff, WEI will attend and provide written comments and reports on all technical meetings and workshops relating to the Integrated Model, provide written comments on all reports produced by the consultants preparing the Integrated Model and any other additional services relating to the Integrated Model.

The item was presented to the three Pools and was unanimously recommended for Advisory Committee approval.

DISCUSSION

The development of the Upper Santa Ana River Integrated Groundwater will continue through FY 2020/21 and is expected to be completed in 2021.

The proposed amendment to the task order (Attachment 1) under the Master Agreement will allow Watermaster and IEUA to continue sharing the cost of technical support until the development of the Integrated Model is completed, currently the end of FY 2020/21.

The anticipated expense, \$42,400. Watermaster's share of the total is \$21,200 which has been included in the Engineering Services Budget for FY 2020/21.

ATTACHMENTS

1. First Amendment to Task Order No. 2 Under Master Agreement for Collaborative Projects Technical Support for Analysis of the Upper Santa Ana River Groundwater Integrated Model
2. [Exhibit A] Task Order No. 2 Under Master Agreement for Collaborative Projects Technical Support for Analysis of the Upper Santa Ana River Groundwater Integrated Model

**FIRST AMENDMENT
to
TASK ORDER NO. 2
TECHNICAL SUPPORT FOR ANALYSIS OF THE UPPER SANTA ANA RIVER
GROUNDWATER INTEGRATED MODEL
under the
MASTER AGREEMENT
REGARDING THE MANAGEMENT OF COLLABORATIVE PROJECTS
between
INLAND EMPIRE UTILITIES AGENCY
and
CHINO BASIN WATERMASTER**

This First Amendment to Task Order No. 2 is made and entered into as of the ____ day of May, 2020 by and between the Inland Empire Utilities Agency (“IEUA”) and the Chino Basin Watermaster (“Watermaster”) (each a “Party” and collectively, the “Parties”).

RECITALS

A. Task Order No. 2 for the Technical Support for Analysis of the Upper Santa Ana River Groundwater Integrated Model (“Task Order”) was executed by IEUA and Watermaster, effective October 17, 2018.

B. IEUA and Watermaster wish to amend the Task Order to increase the budgeted amount to permit additional technical consulting services necessary for the completion of the work contemplated in the Task Order.

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

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

Unless the scope of work is changed and an increase is authorized by the Parties, the total projected cost for the activities to be undertaken pursuant to this Task Order is forty-two thousand four hundred dollars (\$42,400) (“Budget”). The Parties agree that the Budget is shared equally, as shown in the table below. The Parties shall budget, pursuant to their own budget mechanism, such that each is able to expend the amounts shown in the Fiscal Years shown in the table below, or as amended to this Task Order.

Entity	Fiscal Year 2020/21
Watermaster	\$21,200
IEUA	\$21,200
Total	\$42,400

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

The Parties agree to pay their respective portion of the total costs. The Parties shall not be required to pay more than \$42,400 ("Total Budgeted Cost").

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

The costs to be required of Watermaster under this Agreement shall not exceed its share of the Total Budgeted Cost, as shown in Section 5 above, or \$21,200.

4. Section 8 of the Task Order titled "MAXIMUM COSTS TO IEUA" shall be amended to read:

The costs to be required of IEUA under this Agreement shall not exceed its share of the Total Budgeted Cost, as shown in Section 5 above, or \$21,200.

ALL OTHER PROVISIONS SHALL REMAIN UNCHANGED.

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

INLAND EMPIRE UTILITIES AGENCY:

CHINO BASIN WATERMASTER:

SHIVAJI DESHMUKH
General Manager

DATE

PETER KAVOUNAS
General Manager

DATE

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

TASK ORDER NO. 2

Technical Support for Analysis of the Upper Santa Ana River Groundwater Integrated Model

This Task Order is made and entered into as of the ____ day of June, 2018 by and between the Chino Basin Watermaster, hereinafter referred to as "Watermaster," and the Inland Empire Utilities Agency, hereinafter referred to as "IEUA" (each a "Party" and collectively, the "Parties").

In consideration of the mutual promises, covenants, and conditions as addressed in the Master Agreement Between Chino Basin Watermaster and Inland Empire Utilities Agency Regarding the Management of Collaborative Projects dated September 28, 2017 ("Master Agreement") and as specifically hereinafter set forth, the Parties do hereby agree as follows:

1. PURPOSE

The purpose of this Task Order is to govern the technical consulting and assistance in supervising the development of the Upper Santa Ana River Integrated Model ("Integrated Model").

The Integrated Model is an effort led by San Bernardino Valley Municipal Water District, IEUA, Western Municipal Water District, Orange County Water District and Riverside Public Utilities in partnership with the US Department of Fish and Wildlife and the California Department of Fish and Wildlife. The Integrated Model will analyze the groundwater and surface water interactions of five groundwater basins in the Upper Santa Ana River Watershed.

For the benefit of IEUA and Watermaster, IEUA will contract the services of Wildermuth Environmental Inc. ("WEI") to provide technical advice and documentation, review modeling and provide suggestions and recommendations on the portions of the Integrated Model pertaining to the Chino Basin.

2. SCOPE

At the direction of Watermaster or IEUA staff, WEI will attend and provide written comments and reports on all technical meetings and workshops relating to the Integrated Model, provide written comments on all reports produced by the consultants preparing the Integrated Model and any other additional services relating to the Integrated Model.

When "additional services" are required, IEUA will request WEI to prepare a description of the scope of the work, the resulting deliverable and the estimated costs to submit to Watermaster and IEUA. IEUA will not authorize WEI to commence such "additional services" until both Watermaster and IEUA have approved the proposed work as provided

in Section 1.2 of the Master Agreement.

3. IEUA RESPONSIBILITIES

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

- Engagement and management of WEI as needed;
- Coordination and communication with the administrators and other participants of the Integrated Model effort;
- Payment of WEI invoices

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

4. WATERMASTER RESPONSIBILITIES

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

5. BUDGET AND COST ALLOCATION

Unless the scope of work is changed and an increase is authorized by the Parties, the total projected cost for the activities to be undertaken pursuant to this Task Order is thirty nine thousand nine hundred and twenty dollars (\$39,920) ("Budget"). The Parties agree that the Budget is shared equally, as shown in the table below. The Parties shall budget, pursuant to their own budget mechanism, such that each is able to expend the amounts shown in the Fiscal Years shown in the table below, or as amended to this Task Order.

Entity	Fiscal Year 2018/19
Watermaster	\$19,960
IEUA	\$19,960
Total	\$39,920

6. TOTAL BUDGETED COST

The Parties agree to pay their respective portion of the total costs. The Parties shall not be required to pay more than \$39,920 ("Total Budgeted Cost").

7. MAXIMUM COSTS TO WATERMASTER

The costs to be required of Watermaster under this Agreement shall not exceed its share of the Total Budgeted Cost, as shown in Section 5 above, or \$19,960.

8. MAXIMUM COSTS TO IEUA

The costs to be required of IEUA under this Agreement shall not exceed its share of the Total Budgeted Cost, as shown in Section 5 above, or \$19,960.

9. TERM

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

10. REIMBURSEMENT

Watermaster's reimbursement of IEUA for work performed under this Task Order shall be as provided in Article 3 of the September 2017 Master Agreement.

11. EFFECTIVE DATE

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

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

CHINO BASIN WATERMASTER

By _____
PETER KAVOUNAS, P.E.
General Manager

INLAND EMPIRE UTILITIES AGENCY

By _____
HALLA RAZAK
General Manager

CHINO BASIN WATERMASTER

II. BUSINESS ITEMS

A. WATERMASTER FISCAL YEAR 2020/21 PROPOSED BUDGET



CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: May 21, 2020
TO: Advisory Committee
SUBJECT: Proposed Fiscal Year 2020/21 Budget (Business Item II.A.)

SUMMARY

Issue: A budget for FY 2020/21 needs to be approved.

Recommendation: Recommend approval of the proposed FY 2020/21 budget of \$9,204,735 as presented. Alternate option would be to recommend approval of the proposed FY 2020/21 budget without including account 7507 in the amount of \$90,794 and account 7614 in the amount of \$105,986.

Financial Impact: The FY 2020/21 proposed budget expenses are \$9,204,735 and the alternate option would be \$9,007,955 (excluding any Carryover Funds).

Future Consideration

Advisory Committee – May 21, 2020: Approval

Watermaster Board – May 28, 2020: Adoption (Advisory Committee Approval required)

ACTIONS:

Appropriative Pool – May 14, 2020: Adopted motion with recommendations; motion is attached to this staff report.

Agricultural Pool – May 14, 2020: Unanimously recommended adoption of the budget as presented.

Non-Agricultural Pool – May 15, 2020: Unanimously approved recommendation as presented and directed the Pool representatives to support at the Advisory Committee and Watermaster Board meetings subject to changes which they deem appropriate.

Advisory Committee – May 21, 2020:

Watermaster Board – May 28, 2020:

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

BACKGROUND

To prepare a budget of anticipated expense each year, Watermaster staff conducts meetings internally and with consultants to discuss upcoming projects and anticipated work. As the budget is developed, the related budgeted expenses are continually refined. The following budget related meetings were held during the past few months:

- The Personnel Committee met on November 12, 2019 and February 20, 2020 to discuss and review the current organization structure, staffing levels, compensation and benefits structure, anticipated FY 2020/21 labor costs, personnel policies and other related items.
- In early February 2020, the three Pool Chairs were contacted via email and provided the current approved FY 2019/20 Pool administration and legal services budget for their individual pools, and Watermaster staff requested each Chair provide input for the upcoming FY 2020/21 budget.
- In early February 2020, the Executive Manager of Finance and Administration/AGM of Inland Empire Utilities Agency was contacted via email and requested the Debt Service budget for FY 2020/21 be provided to Watermaster in mid-March.
- Peter Kavounas, Joseph Joswiak, Edgar Tellez Foster, Justin Nakano, and Anna Nelson met with the Wildermuth Environmental staff at the Watermaster office on March 3, 2020 for an Engineering Services budget workshop to discuss the ongoing engineering-related activities required by the Judgment, the Peace Agreements, Court orders, the Basin Plan, as well as other upcoming engineering activities.
- During the period of March through April 2020, Watermaster staff held numerous additional meetings and discussions with staff from Wildermuth Environmental, Inc. regarding the Engineering Services budget and expected engineering activities for FY 2020/21.
- Watermaster staff has had numerous meetings and discussions with staff from Brownstein Hyatt Farber Schreck regarding the Legal Services budget and expected legal activities for FY 2020/21.
- The Groundwater Recharge Coordinating Committee has met on a quarterly basis to review the anticipated costs of operations and maintenance activities and develop the scope of activities for the upcoming FY 2020/21 budget as recommended by IEUA. The last meeting was held on February 25, 2020.
- The Ground Level Monitoring Committee met on March 5, 2020 to review and recommend a scope and budget for the Ground Level Monitoring Program for FY 2020/21. The Technical Memorandum issued regarding the final recommendation for the scope and budget for the Ground Level Monitoring Committee for FY 2020/21 was issued on March 27, 2020.
- The Prado Basin Habitat Sustainability Committee met on March 10, 2020 to review and recommend a scope and budget for the Prado Basin Habitat Sustainability Program for FY 2020/21. The Technical Memorandum issued regarding the final recommendation for the scope and budget for the Prado Basin Habitat Sustainability Program for FY 2020/21 was issued on March 26, 2020.
- The Recharge Investigations and Projects Committee RIPCCom (formerly IEUA/CBWM Joint Projects Committee and RMPU Steering Committee) has met every third Thursday of the month since November 2013, with the last third Thursday meeting being held on September 21, 2017. At this meeting, it was decided that the committee would meet every quarter, with most recent quarterly meetings being held on October 24, 2019 and January 16, 2020. The meeting scheduled for April 16, 2020 was cancelled. The purpose of these meetings is to review ongoing capital projects and future years' capital expense projections, and SRF loan and other financing activities.

From all these various committees and groups, and other input from operations staff, Watermaster developed the Proposed FY 2020/21 Budget (March 24, 2020 version and April 28, 2020 version). The March 24, 2020 version proposed a budget amount of \$9,307,983 while the April 28, 2020 version proposed a budget amount of \$9,270,610.

DISCUSSION

On Tuesday, March 24, 2020, Watermaster conducted the Budget Release meeting using GoToMeeting call-in technology due to the Covid-19 pandemic. The meeting started at 10:00am and provided an overview of the Proposed FY 2020/21 Budget (March 24, 2020 version) of \$9,307,983 and provided information on the highlights of the proposed budget.

The areas of the budget that were discussed were the G&A expenses, Labor and Burden, Legal Services, Engineering Services for OBMP, Engineering Services for Program Elements 1 through 9, Recharge Basin O&M Costs, Recharge Improvements Debt Service, and Recharge Improvements Projects.

The presentation discussed the cost categories of Labor/Burden, Legal Services, Engineering Services, Debt Service, Recharge Basin O&M, and All Other Expenses. The methodology of how Watermaster calculates the estimated production data along with the production assessment amount by Administrative and OBMP/Projects costs was provided and explained. Attendees at the meeting were requested to email their budget related questions or comments to Joseph Joswiak, similar to the process that has been followed for the last several years.

The Watermaster Budget Workshop #1 was held on Tuesday, April 21, 2020 using GoToMeeting call-in technology due to the Covid-19 pandemic. The meeting started at 1:00pm and the Proposed Budget of \$9,307,983 for FY 2020/21 (March 24, 2020 version) was presented in detail. The areas of focus for FY 2020/21 were Labor/Burden, Legal Services, Engineering Services, Recharge Debt Service, Recharge O&M, Recharge Improvements, Estimated Assessments, Production Data, and next steps for approval. Representatives from Wildermuth Environmental, Inc., Brownstein Hyatt Farber Schreck, and IEUA were available on the meeting to discuss and answer any questions related to their specific areas of activities within the proposed budget.

Watermaster received comments and questions on the proposed budget from Monte Vista Water District via email on April 21, 2020. Watermaster prepared responses and clarification to the MVWD letter and posted these to the FTP site on Wednesday, April 23, 2020.

The Watermaster Budget Workshop #2 was held on Tuesday, April 28, 2020 using GoToMeeting call-in technology due to the Covid-19 pandemic. The meeting started at 1:00pm and the Proposed Budget of \$9,270,610 for FY 2020/21 (April 28, 2020 version) was presented. The adjustments (one addition and one reduction) between the March 24, 2020 and April 28, 2020 budget versions were discussed. In addition, the workshop included a separate presentation on the Watermaster Budget Transfer/Amendment process in response to requests for the information by the City of Ontario and MVWD.

The chart below provides a comparison between the March 24, 2020 Proposed FY 2020/21 budget totaling \$9,307,983; the April 28, 2020 Proposed FY 2020/21 budget totaling \$9,270,610; and the May 21, 2020 Proposed FY 2020/21 budget totaling \$9,204,735.

**Chino Basin Watermaster FY 2020/21 Proposed Budget
 Changes from March 24, 2020 to April 28, 2020 to May 21, 2020 Version**

FY 2020/21 Proposed Budget - March 24, 2020	\$ 9,307,983
Add Adjustments:	
Non-Ag Pool Member Compensation	\$ 4,800 ¹
Subtotal Add Adjustments:	<u>\$ 4,800</u>
Less Reductions:	
Recharge Basin O&M	\$ (42,173) ²
Subtotal Less Reductions:	<u>\$ (42,173)</u>
FY 2020/21 Proposed Budget - April 28, 2020	\$ 9,270,610
Less Reductions:	
BHFS Legal Services - Rules & Regulations	\$ (65,875) ³
Subtotal Less Reductions:	<u>\$ (65,875)</u>
FY 2020/21 Proposed Budget - May 21, 2020	<u>\$ 9,204,735</u>

NON-AG POOL MEMBER COMPENSATION

March 24, 2020 Proposed Budget	\$ 1,200	
8511 - Non-Ag Pool Member Compensation	\$ 4,800 ¹	Apr. 28, 2020
April 28, 2020 Proposed Budget	<u>\$ 6,000</u>	

RECHARGE BASIN O&M

March 24, 2020 Proposed Budget	\$ 1,490,744	
6903 - SAWPA Basin Monitoring Task Force	\$ (42,173) ²	Apr. 28, 2020
April 28, 2020 Proposed Budget	<u>\$ 1,448,571</u>	

WATERMASTER LEGAL SERVICES

March 24, 2020 Proposed Budget	\$ 76,700	
6072 - BHFS Legal services - Rules & Regulations	\$ (65,875) ³	May 21, 2020
May 21, 2020 Proposed Budget	<u>\$ 10,825</u>	

NOTES:

From FY 2020/21 Proposed Budget - April 28, 2020 Version

¹ The Non-Agricultural Pool Member Compensation budget increase of \$4,800 for account 8511 was requested via email on April 23, 2020 by the Non-Agricultural Pool Chair, Mr. Brian Geye. \$1,200 + \$4,800 = \$6,000.

² The Recharge Basin O&M budget decrease of \$60,000 is due to the removal of the Ramboll Study for the Ely, Lower Day, and Victoria Basin. Understanding the underlying make up of the slopes and basin floors could help with the future maintenance, development of projects to more efficiently use the Basins. Deferring this study would not impact the current recharge rate or Basin availability. CBWM portion = \$42,173 and IEUA portion = \$23,827. \$60,000 decrease, and the decrease of \$6,000 in Flat Rate Allocation = \$66,000.

From FY 2020/21 Proposed Budget - May 21, 2020 Version

³ The BHFS Legal Services - Rules & Regulations was reduced by \$65,875 at the request of the Appropriative Pool during the Pool meeting on May 14, 2020. The Appropriative Pool has determined not to go forward with a rewrite of the Rules and Regulations in FY 2020/21.

There were no new budget questions submitted to Watermaster after April 21, 2020.

During the Confidential Session of its May 14, 2020 meeting, the AP adopted a motion requesting Watermaster consideration of several budget modifications (Attachment 9). Watermaster's consideration and recommended disposition of the proposed changes is shown in Attachment 10.

The proposed reduction in Legal Services scope (Rules and Regulations Update) in the amount of \$65,875 within account 6072, has been incorporated in the May 21, 2020 budget. The item had been included to respond to a request by AP parties and, since the AP has requested the effort not to proceed at this time the reduction is appropriate.

Proposed reductions in Engineering Services scope are still included in the proposed FY 2020/21 budget since the expense is reasonably foreseeable, and the OAP and ONAP has indicated support for the budget item. However, in light of the preference expressed by the AP exclusion of the items from the budget is being presented as an option.

Watermaster was requested to consider several other budget line items; after consideration (see Attachment 10) it is recommended that the remaining items remain in the budget.




The Proposed FY 2020/21 Budget

The FY 2020/21 Proposed Budget (May 21, 2020 version) is provided in the following formats as Attachment 1:

FY 2020/21 Proposed Budget – Summary Format
FY 2020/21 Proposed Budget – Detail Format
FY 2020/21 Proposed Budget – Variance Format
FY 2020/21 Account Number Descriptions
FY 2020/21 Estimated Assessment Calculation

Attachment 1: <https://cbwm.syncedtool.com/shares/file/74194575304185/?modal=1>

The table below provides a comparison of the FY 2020/21 Proposed Budget (May 21, 2020 version) of \$9,204,735 with the FY 2019/20 Amended Budget of \$9,250,956. The blue arrow shows the consolidated budget expenses including all category types and expenses. This blue section totals \$9,204,735 and is the total FY 2020/21 Proposed Budget. To determine what amount will be used for the Production Based Assessments, specific costs must be excluded from the Total Expenses of \$9,204,735. The green arrow shows the costs (which are included in the Total Expenses) but are excluded from the calculation when determining what expenses are included in the Production Based Assessment amount. After the non-production based expenses and income sources of \$1,046,512 are removed from the calculation, the remaining dollar amount (shown by the yellow arrow) of \$8,158,223 becomes the basis for the Production Based Assessment. The Estimated Assessment is then calculated as \$8,158,223 ÷ 118,846.2 AF = \$68.64 AF.

	FY 2019/20 Amended Budget	FY 2020/21 Proposed Budget	Proposed vs. Amended	
Total Administrative Expenses	\$ 2,685,259	\$ 2,636,570	\$ (48,689)	 Basis for Total Assessments
Total OBMP Expenses	2,308,840	1,767,162	(541,678)	
Total OBMP Implementation Projects	4,256,857	4,801,003	544,146	
Total Expenses	\$ 9,250,956	\$ 9,204,735	\$ (46,221)	
Adjustments For Non-Production Based Assessments:				
Recharge Improvements	\$ -	\$ -	\$ -	 Non-Production Based Assessments
Debt Service	(633,440)	(534,496)	98,944	
Appropriative Pool - Legal Services	(200,000)	(130,000)	70,000	
Non-Agricultural Pool - Legal Services	(75,000)	(75,000)	-	
Interest Income	(75,124)	(130,813)	(55,689)	
MWD Groundwater Storage Program	(171,906)	(176,203)	(4,297)	
Transfer From Reserves	(538,629)	0	538,629	
Total Adjustments	(1,694,099)	(1,046,512)	647,587	
Basis For Production Based Assessment	\$ 7,556,857	\$ 8,158,223	\$ 601,365	 Production Based Assessments
	Actual	Estimated		
Total Assessable Production ¹	100,761.0	118,846.2	18,085.2	
Administrative Expenses	\$ 23.09	\$ 19.73	\$ (3.36)	
OBMP & Implementation Projects	\$ 51.90	\$ 48.91	\$ (2.99)	
Total Assessment Based Upon Production	\$ 74.99	\$ 68.64	\$ (6.35)	

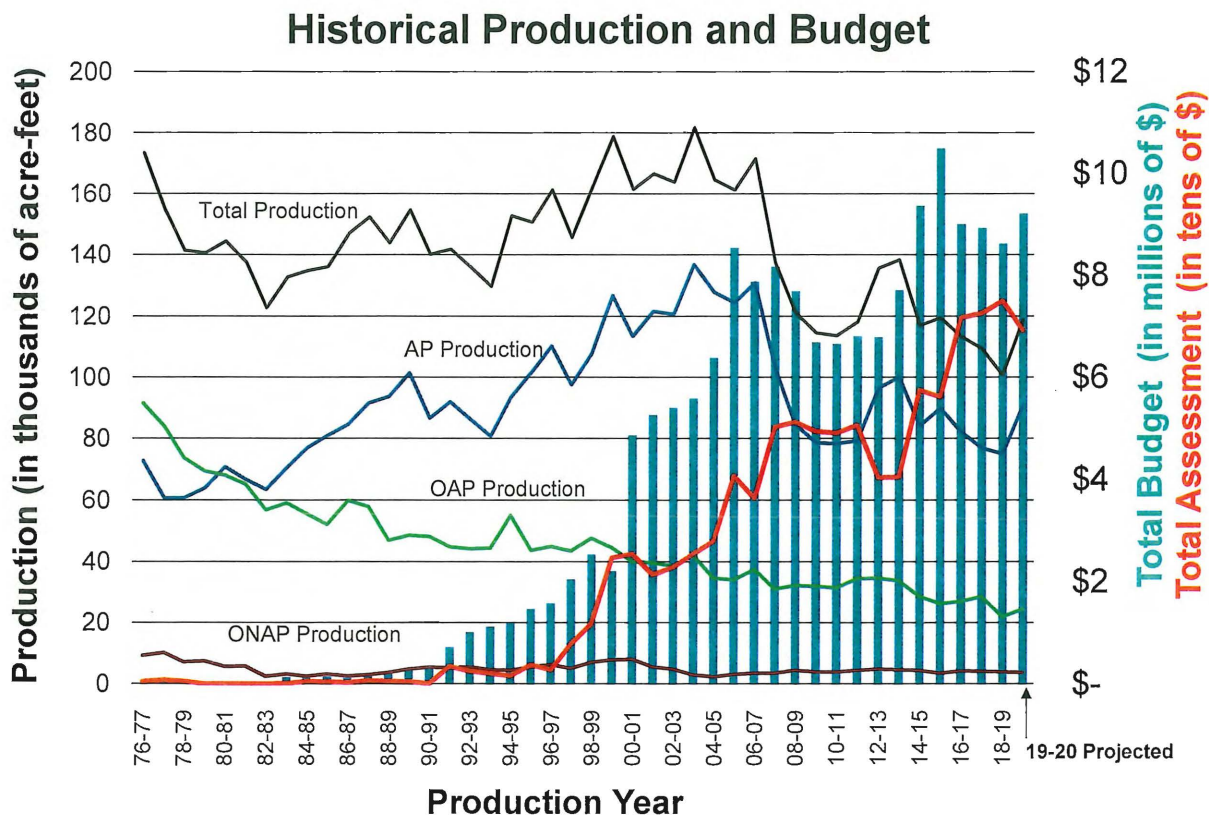
¹ Total Assessable Production for FY 2020/21 is estimated based upon 1/2 year actual production and 1/2 year estimated production

The Total Assessable Production (for budget purposes) is estimated to be 118,846.2 acre-feet which is based upon the actual production numbers for the first two quarters and projected to estimate the full year's production. The "projected" Total Assessable Production of 118,846.2 acre-feet is greater than the "actual" previous year's Total Assessable Production of 100,761.0 acre-feet by 18,085.2 acre-feet or 17.9%. Lower production results in the current year will increase the overall assessments per acre-foot, while higher production numbers will decrease the overall assessments per acre-foot. The proposed budget contains the estimated assessments of \$19.73 per acre-foot for Administration and \$48.91 per acre-foot for OBMP and Implementation Projects, for a combined total of \$68.64 per acre-foot.

Comparing the current Estimated Assessment as of May 21, 2020 of \$68.64 to the Actual Assessment paid in December 2019 of \$74.99, a variance of (\$6.35) or (8.5%) is shown.

The following chart details the Historical Production and Budget for Watermaster:

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 purpose of the above chart is to show the historical progression of both production and the budget amounts by fiscal year. The FY 2014/15 and FY 2015/16 budget increases reveal the beginning of increased costs for Recharge Improvement Projects. The proposed FY 2020/21 budget (not shown on this chart) is comparable to recent previous years' budgets.

During the Budget Release, Budget Workshop #1, and Budget Workshop #2 meetings, staff discussed how the Watermaster budget can be segregated into six separate and distinct classifications:

- Labor and Burden
- Legal Services
- Engineering Services
- Debt Service
- Recharge Basin O&M
- All Other Expenses

LABOR AND BURDEN EXPENSE

The first section of the Proposed FY 2020/21 budget relates to Watermaster Labor and Burden. The total Labor and Burden for FY 2020/21 are \$1,999,151 which is \$58,202 or 3.0% above the previous year's Approved Budget of \$1,940,949. The Full Time Equivalent (FTE) number of Watermaster employees for the Proposed FY 2020/21 Budget is 10.0 (FTE) which is the same number of Watermaster employees as the Approved Budget for FY 2019/20. The Labor and Burden budget of \$1,999,151 did not change from the original March 24, 2020 version.

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

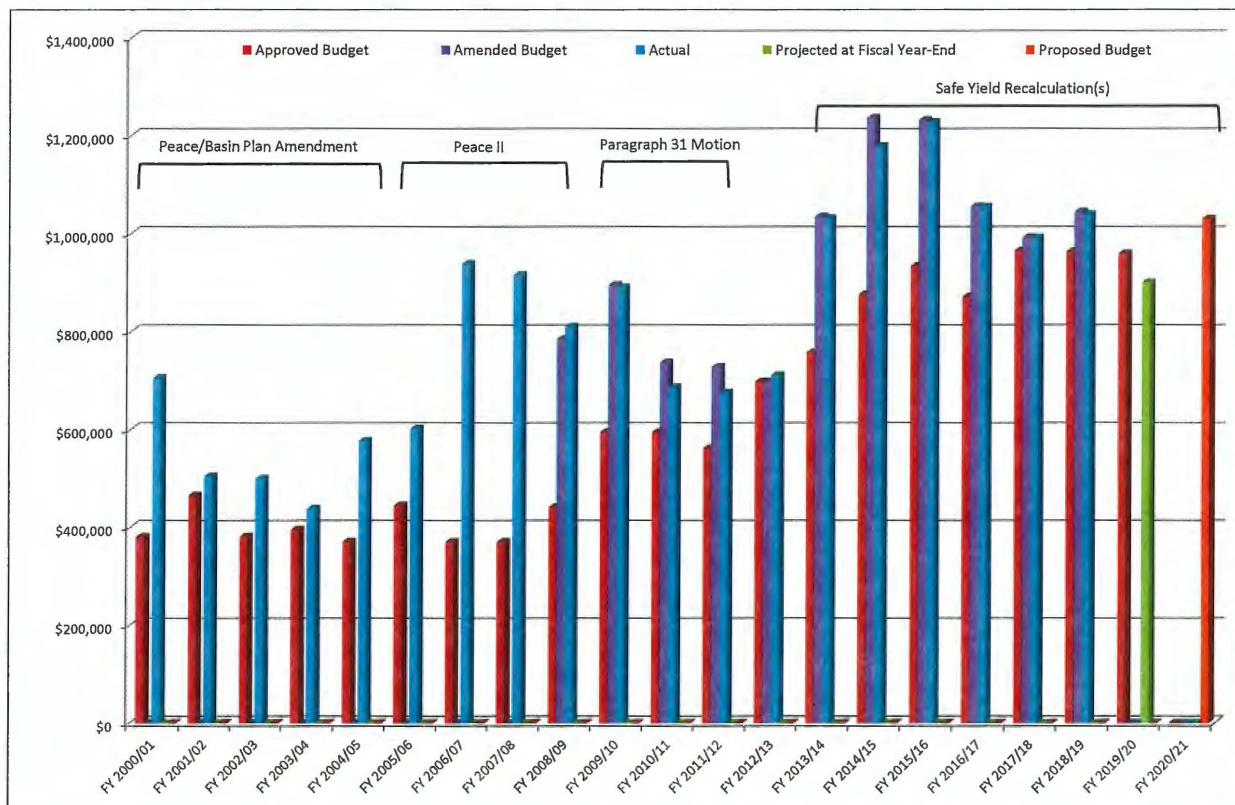
	FY 2019/20 Approved Budget	FY 2020/21 Proposed Budget	\$ Variance Proposed vs. Approved	% Variance Proposed vs. Approved
Payroll	\$ 1,224,009	\$ 1,241,484	\$ 17,475	1.43%
Burden	\$ 716,940	\$ 757,667	\$ 40,727	5.68%
Total	\$ 1,940,949	\$ 1,999,151	\$ 58,202	3.00%
FTE's	10.0	10.0		

All proposed adjustments to the Labor and Burden expense category are routine and follow past Watermaster practices and policy. Watermaster is using the Salary Schedule from FY 2019/20 with no Cost of Living adjustment proposed. The Cost of Living adjustment will be re-evaluated July 1, 2020. There are no new employee benefits being adopted that are additional costs for Watermaster. The FY 2020/21 Staffing Level Chart and Proposed Pay Schedule are located as Attachment 2 as follows:

Attachment 2: <https://cbwm.syncedtool.com/shares/file/a5f416ab1c7e1a/?modal=1>

LEGAL SERVICES

The second section of the Proposed FY 2020/21 budget relates to Watermaster Legal Services. A historical chart of the last 19+ years of budgeted vs. actual Watermaster legal cost is presented below. For FY 2020/21, the legal expenses are projected at \$963,853.



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The Proposed FY 2020/21 Brownstein Hyatt Farber Schreck budget (March 24, 2020 version) was presented during the March 24, 2020 Budget Release meeting in the amount of \$1,029,728. The Brownstein Hyatt Farber Schreck budget for FY 2020/21 was reduced by \$65,875 under account 6702, the new version presented on May 21, 2020.

The Proposed FY 2020/21 Budget of \$963,853 is \$4,900 or 0.5% higher than the FY 2019/20 Amended Budget of \$958,953. For comparison purposes, the 5-Year Average (Actual Amounts) for Legal Services total \$1,097,941 compared to the Proposed FY 2020/21 budget of \$958,953.

There are no new accounts that have been added to the Legal Services budget for FY 2020/21.

The following chart details the proposed Legal Services budget for FY 2020/21 categorized by Watermaster account number. The comparison is between the FY 2020/21 Proposed Budget of \$963,853 and the FY 2019/20 Amended Budget of \$958,953.

	FY 2019/20 Amended Budget	FY 2020/21 Proposed Budget	\$'s Over (Under)
Legal			
6071 BHFS Legal Services - Court Coordination	\$ 38,300	\$ 38,300	\$ -
6072 BHFS Legal Services - Rules & Regulations	10,825	10,825	\$ -
6073 BHFS Legal Services - Personnel Matters	9,900	9,900	\$ -
6074 BHFS Legal Services - Interagency Issues	35,640	35,640	\$ -
6075 BHFS Legal Services - Replenishment Water	-	-	\$ -
6076 BHFS Legal Services - Storage Issues	-	-	\$ -
6077 BHFS Legal Services - Party Status Maintenance	18,750	10,850	\$ (7,900)
6078 BHFS Legal Services - Miscellaneous	95,550	95,550	\$ -
6078.10 BHFS Legal Services - Refresh, Recharge & Reunit	-	-	\$ -
6078.11 BHFS Legal Services - Safe Yield Recalculation	-	-	\$ -
6078.12 BHFS Legal Services - CCG Motion	-	-	\$ -
6078.13 BHFS Legal Services - Assessment Packages-Upd	57,150	-	\$ (57,150)
6078.20 BHFS Legal Services - Approp. Pool Issue Resolutio	-	-	\$ -
6079 Legal Services - Contingency	-	-	\$ -
6275 BHFS Legal - Advisory Committee Meeting	21,780	21,780	\$ -
6375 BHFS Legal - Board Meeting	77,220	77,220	\$ -
6375.1 BHFS Legal - Board Workshop(s)	12,038	12,038	\$ -
8375 BHFS Legal - Approp. Pool Meeting	27,225	27,225	\$ -
8475 BHFS Legal - Ag. Pool Meeting	27,225	27,225	\$ -
8575 BHFS Legal - Non-Ag. Pool Meeting	27,225	27,225	\$ -
6907.3 WM Legal Counsel	-	-	\$ -
6907.30 Peace II - CEQA	-	-	\$ -
6907.31 Archibald South Plume	13,125	13,125	\$ -
6907.32 Chino Airport Plume	13,125	13,125	\$ -
6907.33 Desalter/Hydraulic Control	23,625	45,225	\$ 21,600
6907.34 Santa Ana River Water Rights	16,275	16,275	\$ -
6907.35 Paragraph 31 Motion	-	-	\$ -
6907.36 Santa Ana River Habitat	47,350	47,350	\$ -
6907.37 Auction/Storage & Recovery	-	-	\$ -
6907.38 Reg. Water Quality Control Board	27,550	43,350	\$ 15,800
6907.39 Recharge Master Plan	21,700	32,550	\$ 10,850
6907.40 Storage Agreements	33,400	76,700	\$ 43,300
6907.41 Prado Basin Habitat Sustainability	16,250	16,250	\$ -
6907.42 Initial Safe Yield Recalculation	-	-	\$ -
6907.43 RMPU - City of Fontana Motion	-	-	\$ -
6907.44 SGMA Compliance	10,850	10,850	\$ -
6907.45 OBMP Update	108,200	108,200	\$ -
6907.46 Upper SAR Integrated Model	-	-	\$ -
6907.47 2020 Safe Yield Reset	108,200	86,600	\$ (21,600)
6907.48 Ely Basin Investigation	28,525	28,525	\$ -
6907.9 WM Legal Counsel - Unanticipated	31,950	31,950	\$ -
Total Legal	\$ 958,953	\$ 963,853	\$ 4,900

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As with the past practice for the last seven years, the Brownstein Hyatt Farber Schreck Legal Services budget has been developed using a formula of assumed hours to complete a specific task multiplied by the hourly rate. Brownstein Hyatt Farber Schreck hourly rates are not changing for the FY 2020/21 period. Brownstein has provided a detailed memorandum and worksheet which is provided as Attachment 3 (dated March 24, 2020).

Attachment 3: <https://cbwm.syncedtool.com/shares/file/89f5052ce854a8/?modal=1>

ENGINEERING SERVICES

The third section of the Proposed FY 2020/21 budget relates to Watermaster Engineering Services. The March 24, 2020 version was presented at \$2,933,862 and had remained the same with no adjustments.

The Engineering Services budget is proposed at \$2,933,862 which is \$75,067 or 2.6% higher than the Amended FY 2019/20 Budget of \$2,858,795 (which includes \$313,129 of Carry-Over funding for ongoing projects). While some accounts are higher and some lower than the previous fiscal year budget of \$2,858,795, the variances compared to last year's Amended budget are as follows: (1) Optimum Basin Management Program (6900's) below budget by (\$364,381); (2) Program Element 1 - Comprehensive Monitoring Program (7100's) below budget by (\$149,222); (3) Program Element 2 - Comprehensive Recharge Program (7200's) above budget by \$291,964; (4) Program Elements 3 & 5 - Water Supply Plan-Desalter (7300's) above budget by \$11,628; (5) Program Element 4 - Management Zone Strategies (7400's) above budget by \$63,025; (6) Program Elements 6 & 7 - Coop Efforts/Salt Management (7500's) above budget by \$72,847; and (7) Program Elements 8 & 9 - Storage Management/Conjunctive Use (7600's) above budget by \$149,206.

The Engineering Services documents are provided as Attachment 4 (Tables 1 through 4) and Attachment 5 (a 56-page detailed narrative including Rationale, Scope of Work, and Deliverables for each budget category).

Attachment 4: <https://cbwm.syncedtool.com/shares/file/ef12591fd11191/?modal=1>

Attachment 5: <https://cbwm.syncedtool.com/shares/file/803820e8cba03e/?modal=1>

Incorporated within the Engineering Services budget of \$2,933,852 is the Ground Level Monitoring Committee recommendations for FY 2020/21. The GLMC recommended a proposed budget of \$605,223 less anticipated "Carry-Over" funding of \$30,000 for a budget amount of \$575,223 for FY 2020/21. Based on the discussions at meetings held by the Ground Level Monitoring Committee, the recommendations and associated budget are shown as Attachment 6.

Attachment 6: <https://cbwm.syncedtool.com/shares/file/fa98eda79b59f6/?modal=1>

The following chart details the proposed Engineering Services budget for FY 2020/21 categorized by Watermaster account number. The comparison is between the FY 2020/21 Budget of \$2,933,862 and the FY 2019/20 Amended Budget of \$2,858,795.

	FY 2019/20 Amended Budget	FY 2020/21 Proposed Budget	\$'s Over (Under)
6906 · OBMP Engineering Services - Other	36,976	38,176	1,200
6906.1 · OBMP - Watermaster Model Update	4,280	66,878	62,598
6906.15 · Integrated Model Mtgs-IEUA Cost	20,880	21,200	320
6906.17 · Planning Study Analysis	11,826	0	(11,826)
6906.18 · Prado Dam FS/EIS/EIR Review	18,560	0	(18,560)
6906.21 · State of the Basin Report	0	162,983	162,983
6906.22 · Water Rights Compliance Reporting	20,664	24,552	3,888
6906.23 · SGMA Reporting Requirements	13,590	13,970	380
6906.24 · Compliance - SB88 and SWRCB	8,444	12,140	3,696
6906.26 · 2019 OBMP Update	388,896	49,094	(339,802)
6906.27 · HCP Meetings/Technical Review-IEUA Cost	15,130	0	(15,130)
6906.28 · Agriculture Prod. & Estimation	23,220	0	(23,220)
6906.31 · OBMP - Pool, Advisory, Board Mtgs.	103,374	105,860	2,486
6906.32 · OBMP - Other General Meetings	84,853	75,821	(9,032)
6906.70 · OBMP - Misc. Data Requests	0	0	0
6906.71 · OBMP - Data Requests - CBWM Staff	126,964	132,188	5,224
6906.72 · OBMP - Data Requests - Non CBWM	50,980	49,136	(1,844)
6906.73 · OBMP - Safe Yield Recalculation	276,608	65,280	(211,328)
6906.74 · OBMP - Mat'l Physical Injury Requests	74,977	76,463	1,486
6906.76 · County Extraction Well-Modeling	0	0	0
6906.81 · Prepare Annual Reports	15,416	14,296	(1,120)
6906.90 · OBMP - 2018 RMPU Master Update	0	0	0
7103.3 · Grdwtr Qual-Engineering	217,941	189,038	(28,903)
7103.5 · Grdwtr Qual-Lab Svcs	69,045	68,252	(793)
7104.3 · Grdwtr Level-Engineering	195,869	200,022	4,153
7104.8 · Grdwtr Level-Contracted Services	10,000	10,000	0
7104.9 · Grdwtr Level-Capital Equipment	8,000	8,000	0
7107.2 · Grd Level-Engineering	101,021	84,552	(16,469)
7107.3 · Grd Level-SAR Imagery	85,000	85,000	0
7107.6 · Grd Level-Contract Svcs	126,950	45,180	(81,770)
7107.61 · Grd Level-Chino Hills ASR	0	0	0
7107.8 · Grd Level-Capital Equipment	13,044	12,170	(874)
7108.3 · Hydraulic Control-Engineering	0	0	0
7108.31 · Hydraulic Control-PBHSP	74,066	69,376	(4,690)
7108.32 · Hydraulic Control-Adaptive Mgmt Plan	0	0	0
7108.4 · Hydraulic Control-Lab Svcs	8,638	0	(8,638)
7108.41 · Hydraulic Control-PBHSP	15,026	0	(15,026)
7108.6 · Hydraulic Control-Outside Professionals	28,000	5,000	(23,000)
7108.7 · Hydraulic Control-Prado Basin Habitat	0	0	0
7109.3 · Recharge & Well - Engineering	25,260	32,512	7,252
7110.3 · Agriculture Production & Estimation - Eng. Serv.	0	23,060	23,060
7111.3 · Data Collection and Mgmt. - Eng. Services	0	19,696	19,696
7202.2 · Comp Recharge-Engineering Services	47,608	294,560	246,952
7202.3 · Comp Recharge-Implementation	0	0	0
7210 · 2023 RMPU Recharge Master Plan Scoping	0	45,012	45,012
7303 · PE3&5-Engineering - Other	10,160	21,788	11,628
7402 · PE4-Engineering	111,036	126,182	15,146
7402.10 · PE4-MZ1 Pomona Project	204,261	252,140	47,879
7403 · PE4-Contract Svcs	0	0	0
7502 · PE6&7-Engineering	92,720	109,380	16,660
7507 · Develop GW Quality Mgmt. Plan - Scoping	0	90,794	90,794
7510 · PE6&7-IEUA Salinity Mgmt. Plan	77,136	59,076	(18,060)
7511 · SAWBMP Task Force - 50% IEUA	17,792	25,829	8,037
7512 · Triennial Recomputation of WQ - 50% IEUA	24,584	0	(24,584)
7602 · PE8&9-Engineering (Storage Mgmt)	0	0	0
7610 · Implementation of 2020 Storage Mgmt. Plan	0	43,220	43,220
7612 · Review of Storage & Recovery Program - Ad Hoc	0	0	0
7614 · Develop Storage and Recovery Master Plan	0	105,986	105,986
Total Engineering Services Costs	\$ 2,858,795	\$ 2,933,862	\$ 75,067

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DEBT SERVICE

The fourth section of the Proposed FY 2020/21 budget relates to Watermaster's Debt Service. The Proposed FY 2020/21 Debt Service budget is \$534,496. The FY 2019/20 budget for this category was \$633,440.

The Debt Service is based upon principal and interest on 2008B Variable Revenue Rate Bonds that financed the Chino Basin Improvement Recharge Facilities Project. IEUA and Watermaster share the principal and interest expenses on a 50/50 basis. For the FY 2020/21 budget, the Debt Service (account 7690.1) for Watermaster's 50% portion is budgeted with the following assumptions:

Principal payment:	\$384,746
Interest expenses:	\$107,500
Financing expenses:	<u>\$ 42,250</u>
Total Debt Service:	<u>\$534,496</u>

- The FY 2020/21 forecasted interest rate is 2.0%
- Any interest rate savings between the actual interest rate and the forecasted interest rate of 2.0% will be refunded to Watermaster after completion of the annual reconciliation (close of FY 2020/21 year).
- Watermaster does not budget for any interest rate adjustments(s) for previous years credits
- The payment for Debt Service is issued annually to IEUA in July

The current budget details regarding the Debt Service are shown as Attachment 7.

Attachment 7: <https://cbwm.syncedtool.com/shares/file/120475a1839cd4/?modal=1>

RECHARGE IMPROVEMENT PROJECTS

The Proposed FY 2020/21 Recharge Improvement Projects budget is \$0. The FY 2019/20 budget for this category was \$0.

The current budget details regarding the Recharge Improvement Projects are shown as Attachment 8.

Attachment 8: <https://cbwm.syncedtool.com/shares/file/969dcb21eb1c95/?modal=1>

RECHARGE BASIN O&M COSTS


The fifth section of the Proposed FY 2020/21 budget relates to the Recharge Basin O&M expenses which are based upon the Agreement for Operations and Maintenance of Facilities to Implement the Chino Basin Recharge Master Plan. The Recharge O&M expenses are shared costs between IEUA and Watermaster. The pro-rata cost sharing methodology is based on the relative proportion of recycled water to the total water recharged in the basins.

The total FY 2020/21 budget for the Watermaster's portion of the shared costs for Recharge Basin O&M expenses are \$1,448,571. The following details are provided for the O&M costs:

- No adjustments(s) for previous years credits
- Prior year's budget: \$1,236,669

Operations & Maintenance - Revised

Expense	2020/21 Budget	Funding from CBWM*	Funding from IEUA
SBCFCD	\$12,000		
CBWCD	2,000		
IEUA – Operations & Maintenance:			
General Basin	949,952		
GWR Administration	555,000		
Specialty O&M	95,000		
Utilities	85,000		
General Allocation (10%)	169,895		
Total	\$1,868,847	\$1,448,571	\$420,276



*Refer to Groundwater Recharge Pro-Rate Methodology schedule

The detailed worksheets provided by IEUA for the FY 2020/21 budget are shown as Attachment 9.

Attachment 9: <https://cbwm.syncedtool.com/shares/file/a195b472bc5bfd/?modal=1>

ALL OTHER EXPENSES

The sixth and final section of the Proposed FY 2020/21 budget relates to All Other Expenses, or expenses that do not fall into the other five categories. The FY 2020/21 budget for All Other Expenses is \$1,324,802 which is (\$227,348) lower than the FY 2019/20 budget of \$1,552,150 or (14.6%).

The components of this section are the administrative expenses of \$290,068 which include such items as building expenses, telephone costs, copier leases, office supplies, and postage; \$216,584 for IT, auditing, and other consulting services; \$142,540 for insurance, dues and subscriptions, travel and transportation expenses, and seminars and conferences; and \$675,610 for the administrative expenses for the three Pools, Advisory Committee and Board.

The complete set of FY 2020/21 detailed documents have been uploaded to the FTP site at: <https://cbwm.syncedtool.com/shares/folder/a69bb3ec82b3e6/?modal=1>

ATTACHMENTS:

1. FY 2020-21 Proposed Budget_\$9,204,735:
<https://cbwm.syncedtool.com/shares/file/74194575304185/?modal=1>

2. FY 2020-21 Proposed Staffing and Pay Schedule_\$1,999,151:
<https://cbwm.syncedtool.com/shares/file/a5f416ab1c7e1a/?modal=1>

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

3. FY 2020-21 Proposed Legal Services Budget_\$963,853:
<https://cbwm.syncedtool.com/shares/file/89f5052ce854a8/?modal=1>
4. FY 2020-21 Proposed Engineering Services Budget-Tables 1-4_\$2,933,862:
<https://cbwm.syncedtool.com/shares/file/ef12591fd11191/?modal=1>
5. FY 2020-21 Proposed Engineering Budget_Narrative_\$2,933,862:
<https://cbwm.syncedtool.com/shares/file/803820e8cba03e/?modal=1>
6. FY 2020-21 Ground-Level Monitoring Program_\$605,223:
<https://cbwm.syncedtool.com/shares/file/fa98eda79b59f6/?modal=1>
7. FY 2020-21 Proposed Recharge Basin O&M_\$1,448,571:
<https://cbwm.syncedtool.com/shares/file/120475a1839cd4/?modal=1>
8. FY 2020-21 Proposed Recharge Improvement Projects Budget_\$0:
<https://cbwm.syncedtool.com/shares/file/969dcb21eb1c95/?modal=1>
9. May 14, 2020 Appropriative Pool motion
<https://cbwm.syncedtool.com/shares/file/d0a1326d2cdee7/?modal=1>
10. Watermaster Consideration and Response to May 14, 2020 Appropriative Pool Motion
<https://cbwm.syncedtool.com/shares/file/43319710175fdf/?modal=1>

Appropriative Pool

Chair: John Bosler
Vice-Chair: Cris Fealy

Chino Basin Watermaster

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



May 14, 2020

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

Re: Appropriative Pool Comments on Watermaster's Proposed FY2020/21 Budget

Dear Mr. Kavounas:

First, we want to express our appreciation to you and your staff for preparing and delineating the proposed budget in the workshops, pool meetings, and committee meetings. The pool members have reviewed and discussed certain items in the budget and are herein sharing a general consensus of concerns. The Appropriative Pool hereby makes the following recommendation to Watermaster and Advisory Committee to approve the budget as motioned below.

This letter is organized by general comments on specific items, followed by a table of corresponding line items with suggestions for reductions.

Appropriative Pool Motion out of closed session:

Motion by Ontario:

The Appropriative Pool approves the FY 2020-21 budget as presented, with the removal of all efforts and expenditures related to the OBMP Update which have not yet been agreed to by the Parties. The Pool requests that Watermaster bring those items back for a budget amendment, if necessary, once an Implementation Plan and Implementing Agreement is signed by all Parties.

Second: SAWCo
Opposed: JCSD
Approved: All others in attendance (emailed separately)

1. Items 7507, 7614, 7210, 6906.1, 6907.4: The Pool is not in favor of approving budget for OBMPU program elements and tasks that have not been agreed to by the parties, and should not be included. Specifically, the table below summarizes some of those items. The Pool favors bringing those items back for a budget amendment when they are approved and a scope of work is better understood.

May 14, 2020

Mr. Peter Kavounas

AP Motion on Proposed FY20/21 Budget

2. Item 6072: Rules & Regulations have been requested by some parties, but parties have not yet discussed scope, cost and timeframe. Similar to above comment, consider refining this work with the pools, gain approval, and bring back later as an amendment to the budget.
3. Item 7202.2: New recharge projects have not been approved by RIP-Com and the parties.
4. Item 7206: Similarly increased recharge O&M has not been approved. Remove increase from budget, run by GRCC to justify, amend at later date.

Budget Item No.	Description	Reduce by:
6072	Legal - Rules & Regulations	\$ 65,875.00
7202.2	Recharge - engineering	246,952.00
7206	Recharge - O&M	254,075.00
7507	Groundwater Quality Management Plan	90,794.00
7614	Storage and Recovery Master Plan	105,986.00
6906.1	OBMP – Watermaster Model	62,958
6907.4	Storage Agreements (legal)	43,300
7210	2023 RMPU Scoping	45,012

Please let me know if you have any questions or concerns regarding these comments.

Sincerely,
John Bosler, Chair
Chino Basin Appropriative Pool

Budget Item No.	Description (as provided in AP letter)	AP Request Reduce by:	AP Rationale for request	Watermaster Consideration	Disposition of AP Request in May 21, 2020 Budget Version
6072	Legal - Rules & Regulations	\$ 65,875.00	parties have not yet discussed scope, cost and timeframe. ..., consider refining this work with the pools, gain approval, and bring back later as an amendment to the budget.	The expense was included in the budget to accommodate AP request.	Incorporated
7202.2	Recharge - engineering	246,952.00	New recharge projects have not been approved by RIP-Com and the parties.	This item was presented and discussed at RIPCom after discussion at the GRCC. RIPCom recommended that the work should be performed.	Do not recommend incorporation
7206	Recharge - O&M	254,075.00	increased recharge O&M has not been approved. [...] run by GRCC to justify, amend at later date.	The O&M budget reflects recommended maintenance projects; the increase over last year's budget is not due to one new project(s) being added. Projects are selected each year to address observed maintenance needs. The entire Recharge O&M budget was reviewed at GRCC and was recommended to be included in the budget.	Do not recommend incorporation
7507	Groundwater Quality Management Plan	90,794.00	The Pool is not in favor of approving budget for OBMPU program elements and tasks that have not been agreed to by the parties. [...]The Pool favors bringing those items back for a budget amendment when they are approved and a scope of work is better understood.	It is understood that there is no approved Implementation Plan Update at this time. As explained in the staff report the estimated expense was recommended to be included in the budget for the convenience of the parties.	Shown as option for Advisory Committee consideration

Budget Item No.	Description (as provided in AP letter)	AP Request Reduce by:	AP Rationale for request	Watermaster Consideration	Disposition of AP Request in May 21, 2020 Budget Version
7614	Storage and Recovery Master Plan	105,986.00	The Pool is not in favor of approving budget for OBMPU program elements and tasks that have not been agreed to by the parties. [...]The Pool favors bringing those items back for a budget amendment when they are approved and a scope of work is better understood.	It is understood that there is no approved Implementation Plan Update at this time. As explained in the staff report the estimated expense was recommended to be included in the budget for the convenience of the parties.	Shown as option for Advisory Committee consideration I
6906.1	OBMP – Watermaster Model	62,958	The Pool is not in favor of approving budget for OBMPU program elements and tasks that have not been agreed to by the parties. [...]The Pool favors bringing those items back for a budget amendment when they are approved and a scope of work is better understood.	The effort is required by the Peace Agreements. As explained in the Engineering Budget Summary Memo, page 12, the effort is to conduct required demonstrations of the cumulative effects of transfers (Peace Agreement 5.1 (c)(iv); R&R 9.3) and to prepare the annual finding of substantial compliance with the RMPU (Peace II Agreement 7.3 and 8.1).	Do not recommend incorporation
6907.4	Storage Agreements (legal)	43,300	The Pool is not in favor of approving budget for OBMPU program elements and tasks that have not been agreed to by the parties. [...]The Pool favors bringing those items back for a budget amendment when they are approved and a scope of work is better understood.	As explained in the Legal Counsel budget detail memo the item was included in the budget in anticipation of processing Storage and Recovery applications. This is independent of the proposed OBMPU Storage and Recovery Master Plan.	Do not recommend incorporation
7210	2023 RMPU Scoping	45,012	The Pool is not in favor of approving budget for OBMPU program elements and tasks that have not been agreed to by the parties. [...]The Pool favors bringing those items back for a budget amendment when they are approved and a scope of work is better understood.	The effort is necessary. As explained in the Engineering Budget Summary Memo, page 38, the RMP is required to be updated by 2023. This effort is to begin the process by gaining the Parties' consensus on the objectives of the 2023 RMPU, and preparing a scope, cost, and schedule to meet the objectives.	Do not recommend incorporation

CHINO BASIN WATERMASTER

- II. **BUSINESS ITEMS**
 - B. **CONSIDERATION OF 2020 STORAGE MANAGEMENT PLAN**



CHINO BASIN WATERMASTER

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

STAFF REPORT

DATE: May 21, 2020
TO: Advisory Committee
SUBJECT: Consideration of 2020 Storage Management Plan (Business Item II.B.)
SUMMARY:

Issue: The 2020 Storage Management Plan Final Report (Final Report) was prepared through a stakeholder process and completed on December 11, 2019. Sections 2.1-2.6 of the Final Report provide a description and overview of the proposed Storage Management Plan. Watermaster completed its overarching 2020 OBMP Update Report on January 24, 2020, of which, the 2020 Storage Management Plan is a component project element. Without prejudice to their review and adoption of other aspects of the 2020 OBMP Update, stakeholders requested Watermaster's prioritization of the approval and implementation of a Storage Management Plan. Now after several months of stakeholder consideration, the Final Report Sections 2.1-2.6 are ready for consideration and Board's discretionary approval. The 2020 Storage Management Plan will guide the development and drafting of potential amendments to the Peace Agreement and the OBMP Implementation Plan, as may be required and agreed by the Parties, the Advisory Committee's approval of any uniform rules, and subsequent submittal to the Court for direction to implement under its continuing jurisdiction.

Recommendation: Recommend Watermaster Board approval of the 2020 Storage Management Final Report Section 2.1-2.6 as the Storage Management Plan providing direction for the preparation of the required documentation.

Financial Impact: There are no binding commitments created by the approval of the conceptual 2020 Storage Management Plan (Final Report Sections 2.1-2.6) and therefore no financial impact associated with the above recommendation.

Future Consideration

Advisory Committee – May 21, 2020: Provide Advice and Assistance

Watermaster Board – May 28, 2020: Approval [Discretionary Action]

ACTIONS:

Appropriative Pool – April 9, 2020: Adopted by majority approval to recommend Advisory Committee support Watermaster Board approval of the 2020 Storage Management Final Report Section 2.1-2.6 as the Storage Management Plan providing “guidance” for the preparation of the “desired” documentation. MVWD, MVIC, and Ontario voted against the motion.

Non-Agricultural Pool – April 9, 2020: The following action was reported following Confidential Session: While the NAP recognizes the urgency of completing the storage management process, at this time with various parties in the basin needing additional information before being able to move forward, the NAP does not currently have any additional guidance to provide.

Agricultural Pool – April 9, 2020: By unanimous vote recommend to the Advisory Committee that action on the Storage Management Plan be postponed and that this item be brought back before the Ag Pool at the next meeting.

Advisory Committee – April 16, 2020: No action was taken; the item will not be placed on the April Board agenda

~~**Watermaster Board – April 23, 2020:**~~

Appropriative Pool – May 14, 2020: Provided advice and assistance in the form of a Resolution adopted by majority vote; City of MVWD, MVIC, and Ontario voted against the motion to adopt the Resolution.

Agricultural Pool – May 14, 2020: Unanimously adopted motion as follows: The Ag Pool opposes the 2020 Storage Management Plan due to deficiencies in the interrelated Safe Yield Recalculation in addition to the lack of a storage implementation plan.

Non-Agricultural Pool – May 15, 2020: Offered no further advice or assistance.

Advisory Committee – May 21, 2020:

Watermaster Board – May 28, 2020:

BACKGROUND

Storage of any water in the aquifer storage capacity of the Chino Basin is subject to the control of Watermaster under the continuing jurisdiction of the Court. (Judgment ¶¶ 11, 12, 14, 15, Exhibit "G" ¶¶ 7, Exhibit "H", ¶¶ 12.). In June of 2000, with the consent of the parties to the Judgment and under the direction of the Court, the Peace Agreement established a plan for the administration of aquifer storage capacity and for the management, storage, recovery and transfer of stored water, reserving discretion as provided therein. (Peace Agreement Section 5.2.). For the past 20 years, Watermaster has administered storage in Chino Basin according to the storage management plan described in Program Element 8 of the 2000 Optimum Basin Management Program (OBMP) Implementation Plan, as authorized by the Peace Agreement and as ordered by the Court.

The existing OBMP storage management plan consists of the administration of groundwater production, replenishment, recharge, and storage within the defined Safe Storage Capacity. As defined in the OBMP Implementation Plan, the Safe storage capacity (SSC) is the difference between safe storage and the operational storage requirement (OSR). The allocation and use of storage space in excess of the SSC would *preemptively require mitigation*; that is, mitigation must be defined, and resources committed to mitigation *prior to its allocation and use*. (OBMP Implementation Plan at p. 38.) For the purposes of defining the SSC, the OSR was considered to be the storage or volume in the aquifer capacity of the Chino Basin that is necessary to maintain the Safe Yield.

At the time the OBMP Implementation Plan was drafted, the OSR was estimated in the development of the OBMP to be about 5.3 million acre-feet (ac-ft). This storage value was set as the estimated storage in the Chino Basin in 1997. The OBMP Implementation Plan defined "Safe Storage" as an estimate of the maximum amount of storage space in the basin that can be used and not cause significant water-quality and/or high-groundwater related problems. At the time of the OBMP Implementation Plan, Safe storage within the Chino Basin was estimated to be about 5.8 million ac-ft. Consequently, the SSC (the amount of aquifer capacity available for storage without the need for advance mitigation) was defined as a 500,000 ac-ft.

Environmental impact analysis was undertaken for the entire OBMP Implementation Plan, inclusive of the storage management plan within PE 8 under the Final Programmatic Environmental Impact Report (PEIR) certified by IEUA in 2000. By its own resolution and by order of the Court, Watermaster agreed that any future actions under the OBMP Implementation Plan would be subject to "CEQA documentation". (See Peace Agreement Attachment "A" § 5.) IEUA was designated to be the Lead Agency for the OBMP Implementation Plan (Peace Agreement § 2.4.) as well as by Court Order.

Subsequently, IEUA completed further action pertinent to the management of the SSC by making a "consistency finding" in connection with Watermaster's approval of the Dry-Year Yield Agreement with the Metropolitan Water District in 2002. Again, in 2017 the IEUA Board of Directors prepared an Addendum to the PEIR finding that the SSC could be temporarily increased from 500,000 to 600,000af through June 30, 2021 without causing Material Physical Injury or the need for advance mitigation of adverse impacts as otherwise required by the OBMP Implementation Plan. (Peace Agreement § 5.2(c)(iii); OBMP Implementation Plan Program Element 8 (c)vii; (c)viii and the California Environmental Quality Act (CEQA)).

DISCUSSION

In anticipation of approaching the defined Safe Storage Capacity limit, Watermaster initiated a series of stakeholder discussions beginning in December 2016 with the intention of developing an orderly process to increase the aquifer capacity available for stored water without the parties incurring an advance mitigation responsibility.

Watermaster's Engineer, with active stakeholder involvement and participation over several workshops, developed a framework for the evaluation of the potential impacts of the storage of water in Chino Basin.

The results of this effort have been documented in a report titled Chino Basin Storage Framework Investigation (SFI), finalized in January 2019 (Attachment 1).

Following the development of the SFI, Watermaster's Engineer, with input from stakeholders, developed a list of technical issues related to storage management to be considered in development of a 2020 Storage Management Plan (2020 SMP). The identified issues were compiled in a report titled 2020 SMP White Paper (Appendix A of Attachment 2).

Building on the SFI and projections of water supply and demand provided by the parties in 2018, Watermaster held a series of four stakeholder workshops to develop the 2020 SMP, and address the issues identified in the White Paper. Sections 2.1-2.6 of the 2020 Storage Management Plan Final Report dated December 11, 2019 (Attachment 2) contain suggested subjects for *potential amendment* of the OBMP Implementation Plan Program Elements 8 and 9, amendments of the Peace Agreement and amendments to the Watermaster Rules and Regulations,

The subjects described in 2020 SMP Section 2.1-2.6 will require formal documentation to become operative. This means, that unless otherwise ordered by the Court, amendments to the Peace Agreement and to the OBMP Implementation Plan will require consideration and approval by the Parties to the Peace Agreement, the Advisory Committee's approval of uniform rules and further order of the Court pursuant to its continuing jurisdiction. Finally, Watermaster is required to have received proof of CEQA documentation for actions that constitute a "project" under CEQA. For these reasons, approval of Sections 2.1-2.6 of the 2020 SMP Final Report does not constitute a binding commitment by the Parties and/or Watermaster to any specific actions described therein.

The components of the SMP set forth in Sections 2.1-2.6 (attached hereto) are as follows:

- [1] provisions for use of storage space for the parties and for entities engaging in Storage and Recovery activities;
- [2] reservation of priority of recharge basins for Watermaster recharge obligations;
- [3] provisions for storage management activities of the parties including transfers and mitigation of impact on net recharge and Safe Yield;
- [4] terms for evaluation of Storage and Recovery programs;
- [5] creation of "evergreen" storage agreements; and
- [6] guidelines for future updates of the 2020 SMP.

In 2019, with active participation by the parties, Watermaster developed an update of the 2000 OBMP. The final 2020 OBMP report, circulated on January 24, 2020, includes updates to most OBMP Program Elements (PEs). The parties', Pools' and Advisory Committee positions on the balance of the 2020 OBMP Update are not affected in any way by the recommended stand-alone approval of the 2020 SMP. An approval of the 2020 SMP by the Watermaster Board would indicate support for the SMP as described. As the existing storage management plan is part of PE 8 of the OBMP Implementation Plan, which is set forth in Exhibit B to the Peace Agreement, an *updated OBMP Implementation Plan* developed and agreed to by the parties, Advisory Committee Approval of uniform storage rules, and a Court order will be necessary to direct Watermaster to implement the OBMP Implementation Plan as modified as described by the 2020 SMP within the broader umbrella of the 2020 OBMP Update. Stakeholders will have a continuing opportunity to provide input on the remaining scope and content of the updated OBMP Implementation Plan, as this is brought to completion in the upcoming months.

The 2020 OBMP Implementation Plan update, which includes the 2020 SMP, is the subject of further CEQA analysis currently being performed by Tom Dodson on behalf of IEUA. A Draft SEIR was released on March 27, 2020 for public comment and the approval of the SMP as provided herein does not bind or pre-commit IEUA to any action of any kind. Neither IEUA nor any party to the Judgment is bound by the adoption of the SMP as described herein.

During its April 9, 2020 meeting the Appropriative Pool recommended that the Advisory Committee recommend Watermaster Board approval of the SMP. The Overlying (Non-Agricultural) Pool offered no further advice; and the Overlying (Agricultural) Pool recommended to the Advisory Committee to postpone its consideration and requested that the item is brought back for the Pool's consideration during its next meeting.

During its May 14, 2020 meeting the AP adopted a Resolution (Attachment 3) on the subject matter. The OAP unanimously adopted a motion as follows: "the Agricultural Pool opposes the 2020 Storage Management Plan due to deficiencies in the interrelated Safe Yield Recalculation in addition to the lack of a storage implementation plan." During its May 15, 2020 meeting the ONAP considered the subject and offered no further advice.

ATTACHMENTS

1. Storage Framework Investigation (WEI, January 2019) – Click on this [link](#) to access.
2. 2020 Storage Management Plan (WEI, December 11, 2019) – Click on this [link](#) to access.

II. BUSINESS ITEMS

B. CONSIDERATION OF 2020 STORAGE MANAGEMENT PLAN

Click on this [link](#) for the Storage Framework Investigation
(WEI, May 15, 2020)

II. BUSINESS ITEMS

B. CONSIDERATION OF 2020 STORAGE MANAGEMENT PLAN

Click on this [link](#) for the 2020 Storage Management Plan
(WEI, December 15, 2020)

CHINO BASIN WATERMASTER

II. BUSINESS ITEMS

**C. FIRST AMENDMENT TO TASK ORDER NO. 4 UNDER
MASTER AGREEMENT FOR COLLABORATIVE PROJECTS
(CHINO BASIN PROJECT SUPPORT)**



CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: May 21, 2020

TO: Advisory Committee

SUBJECT: First Amendment to Task Order No. 4 Under Master Agreement for Collaborative Projects: Chino Basin Program (Business Item II.C.)

SUMMARY:

Issue: In September 2018, IEUA requested Watermaster assistance on the CBEWP Proposition 1 (known currently as the Chino Basin Program) evaluation and conceptual design. The cost for support of the project have increased and amendment of the parties' Task Order for the project is necessary.

Recommendation: Approve the First Amendment to Task Order No. 4 Under Master Agreement for Collaborative Projects: Chino Basin Program

Financial Impact: None

Future Consideration

Advisory Committee – May 21, 2020: Approval

Watermaster Board – May 28, 2020: Approval [Advisory Committee Approval Required]

ACTIONS:

Appropriative Pool – May 14, 2020: Unanimously recommended Advisory Committee to not approve. Pomona and JCSD abstained.

Agricultural Pool – May 14, 2020: Unanimously recommended Advisory Committee approval

Non-Agricultural Pool – May 15, 2020: By majority, recommended its representatives to support at Advisory Committee and Watermaster Board subject to changes they deem appropriate. MVWD opposed, Ontario abstained.

Advisory Committee – May 21, 2020:

Watermaster Board – May 28, 2020:

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

BACKGROUND

On September 28, 2017 Watermaster and IEUA entered into a Master Agreement for Collaborative Projects. New Task Orders are issued when a new project is identified.

In 2018, Inland Empire Utilities Agency (IEUA) was awarded conditional funding from Proposition 1 Water Storage Investment Program for its Chino Basin Program (CBP) (Formerly the Chino Basin Conjunctive Use Environmental Water Storage/Exchange Program). Subsequent to the funding award, IEUA and Chino Basin Watermaster (Watermaster) through Wildermuth Environmental Inc. (WEI) started developing high level planning coordination to ensure consistency of the CBP with assumptions in the Storage Framework Investigation and the OBMP Update.

After IEUA's initiation of the CBP PDR efforts with its consultant Brown and Caldwell, IEUA and CBWM entered into Task Order No. 4, pursuant to their Master Agreement, for WEI to provide groundwater modeling analysis which will assist the siting of the proposed advanced water treatment facility, corresponding recharge facilities, and groundwater extraction facilities to meet the CBP's performance objectives. The Watermaster and IEUA Boards approved the initial Task Order No. 4 on September 27, 2018 and on October 17, 2018, respectively, for a not-to-exceed amount of \$190,568.

This item was presented to the three Pools, the Appropriate Pool recommended the Advisory committee to not approve the amendment with a motion by Monte Vista Water District and seconded by the City of Ontario with abstentions from the City of Pomona and JCSD. The Overlying Agricultural Pool unanimously recommended Advisory Committee approval. The Overlying Non-Agricultural Pool recommended, by majority, to the representatives to the Advisory Committee and Board to support the approval subject to changes they deem appropriate, with opposition by Monte Vista Water District and abstention by the City of Ontario.

DISCUSSION

Based on analysis to date, additional modeling effort from WEI is needed to evaluate the Chino groundwater basin's response to the four program alternatives developed by Brown & Caldwell and determine if any adverse impacts are encountered. The results will allow Brown & Caldwell to refine the alternatives in order to mitigate any negative effects on the basin due to the Program's operations. As a result, an amendment in the amount of \$149,950 is needed increasing the contract to \$340,518.

The full amount of this Task Order is being covered by IEUA and the Task Order Amendment does not affect Watermaster's budget.

ATTACHMENTS

1. First Amendment to Task Order No. 4 Under Master Agreement for Collaborative Projects: Chino Basin Program
2. [Exhibit A] Original Scope of Work and Request for Change Order

**FIRST AMENDMENT
to
TASK ORDER NO. 4
CHINO BASIN PROJECT SUPPORT
under the
MASTER AGREEMENT
REGARDING THE MANAGEMENT OF COLLABORATIVE PROJECTS
between
INLAND EMPIRE UTILITIES AGENCY
and
CHINO BASIN WATERMASTER**

This First Amendment to Task Order No. 4 is made and entered into as of the ____ day of May, 2020 by and between the Inland Empire Utilities Agency (“IEUA”) and the Chino Basin Watermaster (“Watermaster”) (each a “Party” and collectively, the “Parties”).

RECITALS

A. Task Order No. 4 for the Chino Basin Project Support (formerly known as Chino Basin Conjunctive Use Environmental Water Storage/Exchange Program Evaluation and Conceptual Design Support (CBEWP)) (“Task Order”) was executed by IEUA and Watermaster, effective October 17, 2018.

B. IEUA and Watermaster wish to amend the Task Order to include additional technical consulting services necessary for the completion of the technical support contemplated in the Task Order, as detailed in **Exhibit A**.

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

1. Section 2 of the Task Order titled “SCOPE” shall be amended as reflected below:

As related to this Task Order, the CBEWP evaluation and conceptual design support is attached hereto as **Exhibit A**.

The evaluation and conceptual design support scope of work will include, but is not limited to the following activities:

- Coordination and meetings with IEUA and its consultants;
- Review of associated information (memoranda, modeling, etc.);
- Application of the 2017 Watermaster Model to evaluate the basin response to CBEWP project alternatives; and
- Other associated effort.

The product of the work described in Exhibit A is a “snapshot” evaluation as of the time the evaluation is conducted, based on the assumptions made at the time of the evaluation. Such work is not a guarantee of any future result or any future finding by Watermaster, WEI, or any other Watermaster staff, agent, or consultant, and IEUA acknowledges that the result of a similar analysis could be different in the future, based on changes occurring between the time of the two analyses, or based on updated assumptions at the time of a later analysis.

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

Unless the scope of work is changed, and an increase is authorized by the Parties, the total projected cost for the activities to be undertaken pursuant to this Task Order is three hundred forty thousand five hundred eighteen dollars (\$340,518) ("Budget"). The Parties agree that the Budget is carried in its entirety by IEUA, and that Watermaster will bear no costs related to the project.

Entity	Total
Watermaster	\$0
IEUA	\$340,518
Total	\$340,518

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

The Parties agree to pay their respective portion of the total costs. The Parties shall not be required to pay more than \$340,518 ("Total Budgeted Cost").

4. Section 8 of the Task Order titled "MAXIMUM COSTS TO IEUA" shall be amended to read:

The costs to be required of IEUA under this Agreement shall not exceed its share of the Total Budgeted Cost, as shown in Section 5 above, or \$340,518.

ALL OTHER PROVISIONS SHALL REMAIN UNCHANGED.

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

INLAND EMPIRE UTILITIES AGENCY:

CHINO BASIN WATERMASTER:

 SHIVAJI DESHMUKH DATE
 General Manager

 PETER KAVOUNAS DATE
 General Manager



March 25, 2020

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

Inland Empire Utilities Agency
Attention Liza Munoz
6075 Kimball Avenue
Chino, CA 91710

Subject: *Change order request for WEI support for the Chino Basin Program feasibility work*

Dear Mr. Kavounas and Ms. Munoz:

On September 6, 2018, Wildermuth Environmental (WEI) submitted a proposal to the Chino Basin Watermaster to perform certain engineering support activities for the Chino Basin Environmental Water Bank that was being pursued by the Inland Empire Utilities Agency (IEUA). The IEUA and Watermaster Boards approved Task Order No. 4 that included the WEI September 6, 2018 proposal. Since that time, WEI has performed services at the request of IEUA and its consultants for the Chino Basin Program (new name for the Chino Basin Environmental Water Bank project). The work performed to date includes: as-requested attendance at meetings, assistance in preparation of the scope of work for CBP feasibility investigation, responding to subsequent data and meeting requests with Brown and Caldwell and as-requested modeling work to support Brown and Caldwell's development of CBP alternatives for feasibility consideration (model evaluation of four distinct storage and recovery test cases, post processing, etc.). WEI has invoiced Watermaster (and Watermaster has invoiced IEUA) for \$118,896 for work completed through February 2020. The Task Order upper limit is \$190,568 leaving \$71,672 for additional as-requested work.

WEI recently received a request from Brown and Caldwell on behalf IEUA to conduct an evaluation of four CBP alternatives in a manner identical to the analysis of the storage bands that were evaluated and reported on in the 2018 Storage Framework Investigation plus an assessment of underground residence time for recycled water recharge. WEI prepared a work breakdown structure (WBS) to complete this work requested by Brown and Caldwell. This WBS is enclosed herein as Table 1. The cost to complete the evaluation of the four CBP alternatives is about \$ 149,951 inclusive of meetings and reporting. Table 2 shows the time history of invoices sent to Watermaster, reconciles the contract amount, the cost to complete the requested work and the shortfall in remaining contract budget to complete the work anticipated in the Brown

Mr. Kavounas and Ms. Munoz
Subject: Change order request for WEI support for the Chino Basin [...]

March 25, 2020
Page 2

and Caldwell request. The upper limit in the existing task order with Watermaster needs to be increased from \$190,568 to \$268,844 to complete the requested work. Brown and Caldwell and IEUA have impressed upon us the need to complete the work as soon as possible. Our ask is that Watermaster and IEUA amend Task Order No. 4 and provide authorization to WEI to complete the work. Please call me if you have any questions.

Please call me if you have any questions or concerns at 949.842-9430.

Wildermuth Environmental, Inc.



Mark J. Wildermuth
President and Principal Engineer

Cc: Larry Stahlhoefer, Eric Chiang

Encl: *Table 1 Work Breakdown Structure and Fee Estimate for Professional Services to Prepare the Monitoring and Reporting Program to Support the Cucamonga Basin Groundwater Remediation Project;*
Table 2 Invoice Time History and Requested Increase in Task Order Upper Limit

Table 1 Work Breakdown Structure and Fee Estimate for Professional Services to Complete Evaluation of Four CBP Alternatives

Task Description	Labor									Other Direct Costs		Totals
	Prin III MW	Princ I WW	Prin I EC	Staff II LS	Staff I SO	Tech Editor	Task Rep. Mult	Person Days	Total	Travel	Total	Totals by Task
Task 1 Prepare plan to model alternatives									\$11,603			\$11,603
1.1 Work with B&C to determine the 4 CBP scenarios to be modeled												
1.1.1 Meet with CBP to discuss possible CBP scenarios	0.5		0.5	0.5			1	1.5	\$2,684			\$2,684
1.1.2 Finalize the 6 CBP scenarios including the location and rate of pumping/injection for each CBP scenario	0.2		0.2	1			1	1.4	\$2,091			\$2,091
1.1.3 Determine the necessary adjustments to the baseline scenario to accommodate the CBP scenarios				1			1	1	\$1,272			\$1,272
1.2 Prepare scope, schedule and cost for the modeling and evaluation process	0.5		1	2			1	3.5	\$5,556			\$5,556
Task 2 Update SFI Baseline Scenario to 2020 SMP Water Supply and Recharge Plans									\$28,706			\$28,706
2.1 Flow Model												
2.1.1 Update Well Input Data			1	2			1	3	\$4,472			\$4,472
2.1.2 Run Flow Simulation												
2.1.2.1 Run MODFLOW				0.5			1	0.5	\$636			\$636
2.1.2.2 Estimate Required Supplemental Water Recharge from Model Results				0.5			1	0.5	\$636			\$636
2.1.2.3 Update Flow and Head Boundary Package		1		0.5			1	1.5	\$2,564			\$2,564
2.1.2.4 Run MODFLOW with updated Flow and Head Boundary Package				0.5			1	0.5	\$636			\$636
2.1.3 Post-Process Flow Model Results												
2.1.3.1 Create Basin Water Budget		1		1			1	2	\$3,200			\$3,200
2.1.3.2 Create Hydraulic Head (based on layer code) Contour Map for 3 key years				0.5			1	0.5	\$636			\$636
2.1.3.3 Create Hydraulic Head Hydrographs at selected wells				0.5			1	0.5	\$636			\$636
2.1.3.4 Create Pumping and New Land Surface Subsidence Sustainability Metric Contour Maps for 3 key years			0.5	0.5			1	1	\$1,600			\$1,600
2.1.3.5 Assess State of Hydraulic Control		1		0.5			1	1.5	\$2,564			\$2,564
2.1.4 Senior Staff Review	0.5		0.5	0.5			1	1.5	\$2,684			\$2,684
2.1.5 Do over allowance				2			1	2	\$2,544			\$2,544
2.2 Transport Model												
2.2.1 Setup MT3D input files		0.25	0.25	1			1	1.25	\$1,754			\$1,754
2.2.2 Run MT3D				0.5			1	0.5	\$636			\$636
2.2.3 Post-process Transport Model Results												
2.2.3.1 Create Plume Movement Contour Maps of Layer 1 for 3 key years				0.5			1	0.5	\$636			\$636
2.2.4 Senior Staff Review		0.25	0.25	0.5			1	1	\$1,600			\$1,600
2.2.5 Do over allowance				1			1	1	\$1,272			\$1,272
Task 3 Run Selected CBP Scenarios									\$74,482			\$74,482
3.1 Flow Model												
3.1.1 Update Well Input Data				0.25			4	1	\$1,272			\$1,272
3.1.2 Run MODFLOW				0.25			4	1	\$1,272			\$1,272
3.1.3 Post-Process Flow Model Results												
3.1.3.1 Create Basin Water Budget				0.5			4	2	\$2,544			\$2,544
3.1.3.2 Create Hydraulic Head (based on layer code) Contour Map for 3 key years				0.25			4	1	\$1,272			\$1,272
3.1.3.3 Create Hydraulic Head Hydrographs with sustainability metrics at selected wells				0.25			4	1	\$1,272			\$1,272
3.1.3.4 Create Pumping and New Land Surface Subsidence Sustainability Metric Contour Maps for 3 key years			0.5	0.25			4	3	\$5,128			\$5,128
3.1.3.5 Assess State of Hydraulic Control				1			4	4	\$5,088			\$5,088
3.1.4 Senior Staff Review	0.25	0.25	0.25	0.5			3	3.75	\$6,426			\$6,426
3.1.5 Do over allowance				2			1	2	\$2,544			\$2,544

Table 1 Work Breakdown Structure and Fee Estimate for Professional Services to Complete Evaluation of Four CBP Alternatives

Task Description	Labor								Other Direct Costs		Totals	
	Prin III MW	Princ I WW	Prin I EC	Staff II LS	Staff I SO	Tech Editor	Task Rep Mult	Person Days	Total	Travel	Total	Totals by Task
3.2 Particle Tracking Model												
3.2.1 Set up Input Parameters for Particle Tracking Algorithm				0.25			4	1	\$1,272			\$1,272
3.2.2 Set up Particle Starting Points and Release Times				0.75			4	3	\$3,816			\$3,816
3.2.3 Run MODPATH				0.25			4	1	\$1,272			\$1,272
3.2.4 Post-Process Particle Tracking Model Results												
3.2.4.1 Generate Table of Shortest Travel Time between Wells of Interest				0.25			4	1	\$1,272			\$1,272
3.2.4.2 Create Maps of Pathlines and End Points				0.25			4	1	\$1,272			\$1,272
3.2.5 Senior Staff Review	0.25		0.25	0.25			4	3	\$5,368			\$5,368
3.2.6 Do over allowance				2			1	2	\$2,544			\$2,544
3.3 Transport Model												
3.3.1 Setup MT3D Input files				0.5			4	2	\$2,544			\$2,544
3.3.2 Run MT3D				0.5			4	2	\$2,544			\$2,544
3.3.3 Post-process Transport Model Result												
3.3.3.1 Create Plume Movement Contour Maps of Layer 1 for 3 key years				0.5			4	2	\$2,544			\$2,544
3.3.4 Senior Staff Review			0.25	0.5			4	3	\$4,472			\$4,472
3.3.5 Do over allowance				2			1	2	\$2,544			\$2,544
3.4 Review Model Result with B&C												
3.4.1 Prepare Presentation and Materials for Review Meeting				1			2	2	\$2,544			\$2,544
3.4.2 Attend Meeting	0.5		0.5	0.5			2	3	\$5,368	\$100	\$100	\$5,468
3.4.3 Respond to Review Comments (enough budget to redo one full scenario if needed)			1	5			1	6	\$8,288			\$8,288
Task 4 Prepare Report									\$35,060			\$35,060
4.1 Prepare Admin Draft												
4.1.1 Create Admin Draft Report				7	3		1	10	\$12,456			\$12,456
4.1.2 Senior Staff Review	1		1				1	2	\$4,096			\$4,096
4.1.3 Technical Editor Review						1	1	1	\$1,008			\$1,008
4.1.4 Finalize Admin Draft Report and Send to B&C for Review				1	1		1	2	\$2,456			\$2,456
4.1.5 Review Admin Draft Report with B&C	0.25		0.25	0.5			1	1	\$1,660			\$1,660
4.2 Draft Report												
4.2.1 Update Admin Draft Report based on Reviewer Comments				1	1		1	2	\$2,456			\$2,456
4.2.2 Technical Editor Review						1	1	1	\$1,008			\$1,008
4.2.3 Finalize Admin Draft Report and Send to B&C for Review				1	1		1	2	\$2,456			\$2,456
4.3 Final Report												
4.3.1 Update Draft Report based on Reviewer Comments	0.5		0.5	1	1		1	3	\$4,504			\$4,504
4.3.2 Technical Editor Review						0.5	1	0.5	\$504			\$504
4.3.3 Finalize Admin Draft Report and Send to B&C				1	1		1	2	\$2,456			\$2,456
Subtotal estimated person days and costs	6.20	4.00	12.70	72.50	8.00	2.50		105.90	\$149,851			\$149,951
Contingency @10 percent												\$14,995
Total												\$164,946

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Table 2 Invoice Time History and Requested Increase in Task Order No. 4 Upper Limit

Invoice No.	Date	Amount Invoiced
2018-11-D	11/30/18	\$4,586.80
2018-12-D	1/23/19	\$7,774.83
2019-01-D	1/31/19	\$5,031.84
2019-02-D	2/28/19	\$3,634.44
2019-03-D	3/31/19	\$1,817.18
2019-04-D	4/30/19	\$4,257.80
2019-05-D	5/31/19	\$11,433.60
2019-06-D	6/30/19	\$23,154.36
2019-07-D	7/31/19	\$5,788.63
2019-08-D	8/31/19	\$1,943.18
2019-09-D	9/30/19	\$11,842.00
2019-10-D	10/31/19	\$17,476.26
2019-11-D	11/30/19	\$1,599.00
2019-12-D	12/31/19	\$8,016.75
2020-01-D	1/31/20	\$1,704.50
In Process	2/29/20	\$8,835.08
Total Invoiced		\$118,896.25
Contract amount		\$190,568.00
Unspent		\$71,671.75
Cost to complete for work requested by BC ¹		\$149,951.20
Projected cost in excess of upper limit		\$78,279.45
Requested change in task order upper limit		\$268,847.45

¹ - See attached WBS to evaluate and report on four alternatives



September 6, 2018

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

Subject: Proposal to provide engineering services to develop and provide information to IEUA to help them develop a refined set of project alternatives for the proposed the Chino Basin Conjunctive-Use Environmental Water Storage/Exchange Project (CBEWP).

Dear Mr. Kavounas:

There was a meeting on August 29, 2018, with Watermaster and IEUA staffs to discuss IEUA's request for technical information to assist them in the evaluation of the proposed CBEWP. After some discussion, you directed Edgar Tellez-Forster to work with IEUA staff and Watermaster legal counsel to develop a task order that would contain a technical scope of work and cost to provide that assistance. This letter is the technical scope of work and cost estimate for that task order.

IEUA issued an RFP in March 2018 for hydrogeologic services for the CBEWP project and subsequently awarded the work to a team consisting of Thomas Harder and Company and Michael Baker (hereafter TH). TH proposed three tasks that included:

- Task 1 Data Review and Preliminary Evaluation
- Task 2 Project Alternative Development and Evaluation
- Task 3 (Optional) Siting Study and Preliminary Design

On August 30, 2018, Watermaster staff attended a meeting at IEUA to review the Task 1 work completed by TH. Task 1 has been completed and the work was documented in the TM 1 report and the associated August 30, 2018 PowerPoint presentation. TH is about to start work in Task 2. TH's scope of work for Task 2 includes three subtasks that include:

- Task 2.1 Alternatives analysis (assumes ten project alternatives)
- Task 2.2 Preparation of Technical Memorandum No. 2
- Task 2.3 Progress meetings (assumes two progress meetings and one workshop in Chino)

Task 2.1, as described by TH at August 30, 2018 meeting, involves: the construction of an analytical model(s) of the Chino Basin¹; the detailed formulation of ten alternatives (detailed

¹ The exact text of the proposed modeling work reads as follows: "In order to evaluate potential regulatory compliance for injection wells, impacts on existing plumes, and pumping interference, TH&Co will use an analytical model for the area specific to each alternative." Page 7 of the TH April 2018 proposal.

enough to conduct simulations of them with the analytical model); application of the analytical model to assess basin response; post-processing of the model results to estimate basin responses; and the development an application of a ranking process to score and prioritize the alternatives. TH has estimated this task to cost about \$149,000.

TH proposed that the analytical model be created from scratch using information from the 2011 version of the Chino Basin groundwater model. Based on discussion at the August 30, 2018 meeting, TH was unaware of the updated 2017 Watermaster model, updated planning information, and the Storage and Recovery scenarios analysis completed for the Storage Framework investigation.

The Storage Framework investigation produced an updated planning model (2017 Watermaster mode) that can be used to efficiently evaluate the proposed CBEWP alternatives and provide information that can be used in a Storage and Recovery Agreement application. The Storage Framework investigation developed planning information and related tools that can be used to efficiently develop the CBEWP alternatives consistent with the information used in the development of the SF scenarios; reduce the number of CBEWP alternatives that need to be evaluated; and accelerate the rate of learning and project development.

At our follow up call on August 31, 2018, you suggested that WEI create a table that compares the work proposed by TH that can be done by WEI with the updated Chino Basin model; and, based on that table create a scope and cost proposal that could be included in a Task Order where WEI would conduct the modeling work and provide other as needed support to enable TH to complete their work for IEUA. Table 1: lists the proposed TH Task 2 subtasks; indicates a specific subtask where Watermaster can employ its updated planning data and the 2017 Watermaster model to improve the reliability and usefulness of the Task 2 products; and it provides a set of comments for each TH Task 2 subtasks where the work done in the Storage Framework investigation could be leveraged to improve the efficiency of TH's Task 2 effort.

Proposed Scope of Work

Table 2 contains a work breakdown structure and cost estimate for Watermaster to provide the modeling support to IEUA as indicated in Table 1. The scope of work includes three tasks:

- Task 1 - Project management. This task involves WEI project management activities and includes up to three ad hoc meetings.
- Task 2 - As-requested services. This task involves WEI responding to ad hoc requests for information or assistance.
- Task 3 - Application of the 2017 Watermaster Model and updated planning information to evaluate the basin response to CBEWP project alternatives. This task involves the following:
 - Assisting IEUA and TH in converting a conceptual alternative description into a detailed description that can modeled
 - Development of recharge and pumping schedules for specific facilities to implement the CBEWP alternative

- Developing model input files, getting the model to run and debugging the model to ensure that the alternative has been correctly modeled. Conducting iterative simulations to converge on net recharge and replenishment.
- Post processing final simulation results to develop a final water budget table, assess state of hydraulic control, preparation of groundwater elevation and groundwater elevation change maps
- Reviewing the simulation results with IEUA and TH staffs

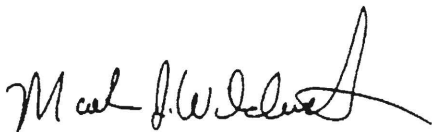
For budgeting purposes, we have assumed that seven alternatives would be simulated with the 2017 Watermaster groundwater flow model. After all the CBEWP alternatives have been simulated with the 2017 Watermaster groundwater flow model, IEUA, Watermaster, TH and WEI will select up to three of the CBEWP alternatives for which WEI will use the MT3D model to estimate impact of CBWEP alternatives on the transport of the major plumes in the Chino Basin. WEI will post process the MT3D model results and prepare map graphics identical that those prepare for the Storage Framework investigation report (plume positions in 2030 and 2050 for the three CBEWP alternatives and the for the Storage Framework scenario 1A (baseline)).

The deliverable for Task 3 will be: model output files; and tables, charts and maps comparable to those produced in Section 6 of the Storage Framework final report and Appendix B from that report.

The cost to complete the work as proposed is about \$170,000. We recommend that you budget an additional \$20,000 for contingencies. If you have any questions regarding this proposal, please call me at 949-600-7500 or send them to me at mwildermuth@weewater.com.

Very truly yours,

Wildermuth Environmental, Inc.



Mark Wildermuth, PE
President

Encl.: Tables 1 and 2

Summary of TH Task 2 Subtasks and Where Watermaster Staff Could Assist IEUA and TH

TH proposed task	Watermaster WEI proposed task	Comment
Develop general facility sizing, quantities, and issues impacting construction costs for either a centrally located treatment plant or a satellite plant, depending on the alternative.		
Identification of a sufficient number of injection well sites to meet the injection capacity requirements of the CBEWP taking into account anticipated maintenance and rehabilitation down time.		The Storage Framework investigation evaluated the location of injection well areas based on an integrated assessment of the recovery of recharged, reductions in net recharge, impact on the state of hydraulic control and impact to plume migration. TH could use this work to fine tune its work and reduce the number of spreading basin alternatives.. TH could use this work to fine tune its work and reduce the number of alternatives.
Identification of existing and/or new recharge basins for PUT operations. Issues to be evaluated will include environmental restrictions, capacity limits with respect to storm flow obligations, recharge infiltration rates, and location with respect to existing downgradient production wells.		The Storage Framework investigation evaluated the use of existing recharge basins based on recent estimates of surplus recharge capacity (consistent with the 2018 RMPU), it considered conflicts with other spreading basins uses, and it conducted an integrated assessment of the recovery of recharged, reductions in net recharge impact on the state of hydraulic control and impact to plume migration. TH could use this work to fine tune its work and reduce the number of spreading basin alternatives.
Evaluation of the relative cost of using injection wells versus surface spreading basins.		There are other issues that need to be considered regarding the trade offs of using recharge basins and injection wells. These were evaluated in the Storage Framework investigation (see above) and could be used by TH to fine tune their alternatives and reduce the number of alternatives investigated.
Identification of a sufficient number of production well sites to meet the TAKE capacity requirements of the CBEWP.		The Storage Framework investigation evaluated the location of recovery well areas based on an integrated assessment of the recovery of recharged, reductions in net recharge, impact on the state of hydraulic control and impact to plume migration. TH could use this work to fine tune its work and reduce the number of alternatives.
Evaluation of the feasibility of reducing baseline imported water deliveries and increasing groundwater pumping from existing and/or new production wells (Alternative No. 7).		The Storage Framework investigation evaluated the existing under used capacity of Appropriator party wells that could be used to offset the use of imported water as a means to recover stored supplemental water. TH could use this work to fine tune its work and reduce the number of alternatives.
In order to evaluate potential regulatory compliance for injection wells, impacts on existing plumes, and pumping interference, TH&Co will use an analytical model for the area specific to each alternative. The analytical model will provide the requisite level of analysis for the feasibility study and can be conducted within the 20-week schedule described in the RFP.	The existing Watermaster model (hereafter the 2017 Watermaster model) has been recently been updated with the latest groundwater production and recharge projections and used in the Storage Framework investigation. WEI could use the 2017 Watermaster model to evaluate the alternatives developed by TH in lieu of TH developing and applying analytical models for each alternative. The resulting analysis will more accurately predict the basin response, ensure its consistency with the Storage Framework planning scenarios and maximize confidence in the Task 2	TH proposal provides no description of scope of work to develop his analytical model nor do they describe the scope of work to evaluate basin response and impacts. The TH scope of work is described in bullet form in their August 30, 2018 PowerPoint presentation. The scope as presented is based on outdated WATERmaster model assumptions and ignores: the updated 2017 Watermaster model, updated planning information and Storage and Recovery scenarios analysis completed for the Storage Framework investigation.

Table 2
Work Breakdown Structure and Fee Estimate
Provide Modeling Support and As-Needed Services for the CBEWP

Description	Notes	Labor (person days)								Other Direct Charges				Total Project Costs				
		Principal III	Principal I	Supervising I	Senior II	Senior I	Staff I	Tech Editor	Task Rep Multiplier	Person Days	Total Labor		Travel	Reproduction	Total ODCs		Task	Project
											Cost	Project			Task	Project		
Task 1 Project management and meetings											\$10,116				\$600			\$10,716
1.1 Project management and scheduling					0.50			3.00	1.50	\$2,124								\$2,124
1.2 Ad hoc meetings with Watermaster staff		0.25	0.25			0.25		6.00	4.50	\$7,992		\$600		\$600				\$8,592
Task 2 Provide as-needed assistance to TH, IEUA and Watermaster staffs		5				5		1		\$17,200	\$17,200				\$0			\$17,200
Task 3 Application of the 2017 Watermaster Model to evaluate the basin response to CBEWP pro											\$142,552				\$100			\$142,652
3.1 Define and evaluate a CBEWP project alternative																		
3.1.1 Review CBEWP project alternative with TH, IEUA and Watermaster staffs		0.50			0.50			7.00	7.00	\$12,040		\$100		\$100				\$12,140
3.1.2 Update list of wells and pumping and injection schedule			0.50		0.25			7.00	5.25	\$9,086								\$9,086
3.1.3 Update recharge at spreading basins			0.50		0.25			7.00	5.25	\$9,086								\$9,086
3.1.4 Prepare input files			1.50					7.00	10.50	\$19,824								\$19,824
3.1.5 Get the model to run			0.50					7.00	3.50	\$6,608								\$6,608
3.1.6 Construct water budget table(s) and estimate net recharge		0.25	1.00		0.25			7.00	10.50	\$19,236								\$19,236
3.1.7 Evaluate state of hydraulic control		0.13	0.50					7.00	4.38	\$8,379								\$8,379
3.1.8 Prepare head raster files, GWE and GWE change maps, GWE time history charts		0.13	0.50		0.13			7.00	5.25	\$9,618								\$9,618
3.1.9 Review results with TH, IEUA and Watermaster staffs		1.00	1.00		1.00			7.00	21.00	\$37,296								\$37,296
3,2 Evaluate CBEWP project alternative impacts on major plumes																		
Prepare MTSD input files			0.50					3.00	1.50	\$2,832								\$2,832
Get the model to run			0.50					3.00	1.50	\$2,832								\$2,832
Prepare concentration raster files		0.13	0.50		0.50			3.00	3.38	\$5,715								\$5,715
Total Tasks 1 through 3		20.88	48.00	0.00	0.00	26.13	0.00	0.00	85.00	\$169,868	\$700	\$0		\$700				\$170,568

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CHINO BASIN WATERMASTER

II. BUSINESS ITEMS

D. 2020 SAFE YIELD RECALCULATION



CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: May 21, 2020
TO: Advisory Committee
SUBJECT: 2020 Safe Yield Recalculation (Business Item II.D.)

SUMMARY:

Issue: The Chino Basin Watermaster Engineer has completed his evaluation of the Basin's Safe Yield, and Watermaster's recommendation needs to be submitted to the Court.

Recommendation: Provide advice and assistance to Watermaster regarding the 2020 Safe Yield Reset.

Financial Impact: There is no financial impact associated with the above recommendation.

Future Consideration

Advisory Committee – May 21, 2020: Advice and assistance

Watermaster Board – May 22, 2020 (Special Meeting): Approval [Within WM Duties and Powers]

ACTIONS:

Appropriative Pool – April 9, 2020: Provided advice and assistance

Non-Agricultural Pool – April 9, 2020: Provided advice and assistance

Agricultural Pool – April 9, 2020: Provided advice and assistance

Advisory Committee – April 16, 2020: no action taken; discussed a special workshop to receive further information

Watermaster Board – April 23, 2020: by unanimous vote established a Special Meeting on May 22, 2020 to consider staff's recommendations on the Safe Yield Reset.

Appropriative Pool – May 14, 2020: No advice or assistance was offered.

Agricultural Pool – May 14, 2020: Offered advice and assistance in the form of a motion (attached)

Non-Agricultural Pool – May 15, 2020: Offered advice and assistance

Advisory Committee – May 21, 2020:

Watermaster Board – May 22, 2020 (Special Meeting):

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 Safe Yield for Chino Basin was originally established in the 1978 Judgment. Under the Judgment, the Court retained continuing jurisdiction over the redetermination of the Safe Yield provided that it not be undertaken during the first ten years of operation of the Physical Solution.

The Court-approved OBMP Implementation Plan established an agreed upon schedule for future Safe Yield recalculations, requiring the Safe Yield to be recalculated in 2010 and every ten years thereafter. When the Court approved and ordered the OBMP Implementation Plan, this schedule became binding on Watermaster.

In response to Watermaster's motion to undertake the initial recalculation, the trial court issued its April 28, 2017 Court Order setting the Safe Yield at 135,000 afy effective 2011, with a prohibition on retroactive accounting prior to 2014. The Order also reiterates the requirement to recalculate the Safe Yield in 2020 and every ten years thereafter and sets forth the specific methodology to be followed in future recalculations.

DISCUSSION

In accordance with the Court's April 28, 2017 Order, Watermaster's Engineer has completed an evaluation of the Safe Yield according to the Court-approved methodology.

The best available data, including that which was most recently collected (through 2018), has been used for the re-calibration of Watermaster's groundwater flow model. The model calibration approach was reviewed with stakeholders during a workshop held on July 23, 2019 (Workshop #1). Stakeholders and their technical experts had the opportunity to discuss the calibration approach and provide comments to Watermaster's Engineer.

Watermaster's Engineer used the projected water demands and future water supply plans provided by the parties in 2018, as refined in 2019, to develop a planning projection, and included the effects of climate change on recharge. The long-term historical record of precipitation falling on current and future land uses was used to estimate long term average net-recharge to the Basin. The results of the model calibration and the planning scenario were reviewed with stakeholders during a workshop on January 27, 2020 (Workshop #2). Stakeholders and their technical experts had the opportunity discuss and provide comments to Watermaster's Engineer at that time.

Watermaster's Engineer used the groundwater flow model to estimate net recharge to the Chino Basin and evaluated whether the projected groundwater production will cause or threaten to cause Material Physical Injury (MPI).

In March 2020, following the Watermaster's Engineer's completion of an administrative draft report, an independent groundwater expert, Mr. Will Halligan of Luhdorff & Scalmanini Consulting Engineers, was invited by Watermaster staff to perform a peer review of the Watermaster Engineer's methodology in evaluating the Safe Yield, including the construction and utilization of the model. Mr. Halligan has experience in preparing and reviewing groundwater sustainability plans and groundwater modeling. He had previous experience working with Joe Scalmanini in evaluating earlier versions of Watermaster's groundwater model. Mr. Halligan was provided access to background documents and enabled to inquire directly of Watermaster for any additional information required for him to complete his review.

Mr. Halligan attended a meeting with the Watermaster Engineer, along with technical experts associated with the Appropriative Pool and parties in the Agricultural Pool. These experts were provided with an administrative draft of the Safe Yield Recalculation Report prior to the meeting and collectively, along with Mark Wildermuth and Mr. Halligan, discussed the safe yield analysis, methodology, modeling and its application.

After completing his evaluation, Mr. Halligan reached the conclusions that: (i) the model meets and/or exceeds generally accepted industry standards, and (ii) that the application of the model and the Safe Yield evaluation has been consistent with prevailing professional standards.

Following the meeting and upon completion of Mr. Halligan's peer review, the Safe Yield evaluation, along with the model calibration and planning scenario description, were finalized as documented in the "2020 Safe Yield Recalculation Report" (Report) prepared by Watermaster's Engineer.

The first conclusion of the evaluation is that Watermaster should recommend that the Court reset the Safe Yield at 131,000 afy for the 2021 through 2030 period. No MPI or undesirable results are projected to occur if the Safe Yield were to be set at this number.

This evaluation is dependent upon the continuation of existing and projected cultural conditions, which are driven by land use and activities of the parties on lands overlying the Basin and their associated water use practices. A reduction in applied water is likely to have an adverse impact on recharge. Consequently, a deviation from the projected cultural conditions *will likely* occur if the State mandates reduced Evapotranspiration Adjustment Factors (ETAFs) as described in Section 7.3.3 of the Report and these impacts on recharge are not fully mitigated. Therefore the second conclusion is that upon the State's promulgation of reduced ETAFs, Watermaster should evaluate the significance of any resulting change in cultural conditions, and, if cultural conditions are judged to have changed such that the Safe Yield would be changed by more than 2.5%, Watermaster should move the Court to reset the Safe Yield accordingly.

During their respective meetings on April 9, 2020 the Pool Committees considered the above conclusions. Appropriative Pool (AP) members' comments included: requesting additional modeling runs be made using high- and low-end pumping estimates to develop a range of Safe Yield calculations; requesting enough time to review the report documenting the technical effort; and requesting that the AP technical consultant be provided with the material he requested to complete his review. The Overlying (Non-Agricultural) Pool had no questions or special advice to offer. The Overlying (Agricultural) Pool (OAP) requested additional time to consider and ask questions and requested that this item be brought back to the Pool during a subsequent meeting for further consideration in advance of Watermaster Board approval.

The item was discussed further during the April 16, 2020 Advisory Committee meeting. During the meeting Mr. Feenstra on behalf of the OAP requested that Watermaster hold a workshop to review additional questions, and requested that the workshop is scheduled soon, to be followed by a special Advisory Committee meeting to accommodate Watermaster's timely filing with the Court. The AP also submitted a request for a workshop via email in advance of the Advisory Committee meeting (Attachment 1); in its email the AP also requested that Watermaster Board defer its April 23, 2020 consideration of the recommendations. On April 17, 2020 Pool representatives met with Watermaster staff and consultants to determine the date and scope of the requested workshop.

During its April 23, 2020 meeting, to accommodate the requested workshop, the Watermaster Board delayed its consideration of the recommendations and scheduled a special Board meeting on Friday May 22, 2020, the latest date a Board meeting can be held and allow for preparation and service of a motion within the required timeframe. The Board received a presentation on the Safe Yield Recalculation methodology and process during the April 23, 2020 meeting.

Safe Yield Reset Workshop #3 was held on Wednesday April 29, 2020 to present the safe yield calculation (Section 7 of the Report) and address further comments and questions submitted by the AP and OAP on April 23, 2020. All material used for this and the earlier two workshops are available on Watermaster's website. All comments including questions raised during the last workshop have been addressed and are also available on Watermaster's website. The questions and comments have resulted in several improvements to the Report, though the recommendations remain unchanged. Changes to the

report that are responsive to comments submitted by the parties are described in the posted responses to comments. The revised Report (final, dated May 15, 2020) has been completed and was distributed on Thursday May 14, 2020 (Attachment 2).

During its May 14, 2020 meeting the Appropriative Pool offered no further advice or assistance on the subject. The OAP adopted a motion (Attachment 3). The motion and associated Preliminary Recommendations will be responded to before the May 21, 2020 Advisory Committee meeting. During its May 15, 2020 meeting the ONAP considered the matter and offered the advice that a quick resolution of any outstanding issues is in the best interest of all stakeholders.

To fulfill its duty to the Court and allow timely reset of the Safe Yield of Chino Basin, Watermaster is requesting the advice and assistance of the Advisory Committee on the Safe Yield being recalculated at 131,000 afy, with an interim evaluation to occur upon the State's promulgation of binding ETAFs.

ATTACHMENTS

1. Email from John Bosler, Appropriative Pool Chair, to Peter Kavounas; dated April 15, 2020
2. 2020 Safe Yield Recalculation Report (WEI, May 15, 2020)
Click on this [link](#) to access.
3. May 14, 2020 OAP Motion and Preliminary Recommendations Memorandum

ATTACHMENT 1

From: John Bosler <JohnB@cvwdwater.com>
Sent: Wednesday, April 15, 2020 1:01 PM
To: Peter Kavounas <PKavounas@cbwm.org>
Cc: bobfeenstra@gmail.com; Jschatz13@cox.net; bgeye@autoclubspeedway.com;
tracy@egoscuelaw.com; Cris Fealy (cifealy@fontanawater.com) <cifealy@fontanawater.com>
Subject: Appropriative Pool request regarding SY Reset

Dear Peter:

On behalf of the Appropriative Pool (AP), the AP requests that:

1. Watermaster conduct a Safe Yield Reset workshop and;
2. The Advisory Committee and Watermaster Board table consideration of the SYR at their respective April 2020 meetings.

The purpose of the SYR workshop request is to facilitate the exchange of technical and other information, and address related questions.

Please reach me if you have any questions. Thanks for your consideration.

Best regards,

John Bosler as Appropriative Pool Chair
General Manager, Cucamonga Valley Water District

II. BUSINESS ITEMS

D. 2020 SAFE YIELD RECALCULATION

Click on this [link](#) for the 2020 Safe Yield Recalculation Report
(WEI, May 15, 2020)

Business Item E. 2020 Safe Yield Recalculation

Motion by Ron LaBrucherie

Second by Deputy Attorney General Carol A.Z. Boyd

The Ag Pool recommends that the Watermaster staff and Board review and consider the attached memorandum regarding deficiencies in the Safe Yield recalculation. These deficiencies are compounded by the failure to provide an annual peer review opportunity and related interim corrections as necessary and required pursuant to the Court ordered methodology.

Motion passed.

Preliminary Recommendations on Safe Yield Reset

GSI Environmental's recommendation to the Agricultural Pool of the Chino Basin is to oppose the Safe Yield reset at this time. The procedures used currently are not reasonable, prudent, stable, responsible, sustainable, or fair, as outlined in the Peace Agreement and within the standard of practice for groundwater basin management. In addition, the current Safe Yield Reset has not been prepared in accordance with the Court Ordered Methodology or the 1999 OBMP which had anticipated model errors or prediction uncertainties and included procedures to address these anticipated errors in future planning. Also, there is no Court-ordered methodology to adjust Storage Accounts later in a Storage Implementation Plan, so it may not be possible to correct errors later if the Safe Yield reset has already been accepted. The supporting bases for this recommendation are discussed below.

1. There is no accounting for actual basin conditions compared to forecasts, thus mis-managing natural basin storage

The Watermaster notes that,

"The 10-year forecast takes into account projected conditions that are expected to occur over the ensuing 10 years. While it is possible to extend the period for additional increments of time, longer forecasting entails further speculation. Historical experience in evaluating trends in the Chino Basin suggests that the projections become less reliable as they extend beyond the 10-year horizon. It is considerably easier to adjust to discrepancies between set expectations over a 10-year period than longer periods of time and consequently there is less risk to the parties and to the basin." (*Response to Questions and Comments on the April 2, 2020 Safe Yield Recalculation Report April 23, 2020 Letter from Overlying (Agricultural Pool) re Safe Yield Recalculation for Chino Basin Questions*).

This statement is correct, and we agree that expectations should be set over 10-year periods for planning purposes of the Parties within the basin. That is exactly the reason why: (a) the Safe Yield reset should include the actual hydrology of the basin over the last 10-year period; and, (b) the Court-ordered Safe Yield reset methodology prescribed in the 1999 OBMP required such an evaluation.

The probability argument provided by Wildermuth in its response to GSI's April 23, 2020 comments is incorrect. Specifically, the probability of future hydrology is not related in any way to conducting a Safe Yield reset that includes what actually happened over the past 10 years. Future planning should account for the unforeseen natural basin storage that was depleted over these past 10 drought years and allow for that amount to catch up in planning over the next 10 years. Kicking the can down the road for 10 years due to that drought (or 20 years for a 20-year drought) is not fair to future users of the basin and not prudent, responsible, sustainable, or stable as it does not consider the natural storage depletions that have actually occurred. Conversely, if the next 10 years are more wet than current predictions and actual water use was less than or equal to that predicted, then further planning will add that to the future Safe Yield. That way, you close your accounts for the previous 10 years as you plan for the next 10. Finally, as noted by the Watermaster, planning for longer periods is less reliable, so expecting some

wet distant future conditions to balance the recent drought involves speculation and should not be part of a planning process for reasonable, prudent, reliable, responsible, sustainable, and stable management of the basin.

Furthermore, the probability of future wet conditions is not in any way higher because of the recent 20-year drought. Just because a coin toss lands “heads” 10 times, does not mean it will land “tails” the next time; the probability of either heads or tails is still 50% - with a significantly smaller probability of landing on “tails” the next 10 times to average out those unfortunate 10 “heads.” Even with granting all that, the predictions of Safe Yield are dependent not only on predictions of average recharge, but also on predictions of water demand and pumping. Inferring that use of an average recharge for the forecasts would balance out the Safe Yield in the long term is further incorrect since pumping plans may not pan out.

The response to Ag Pool Member Geoff Vanden Heuvel on the same issue, states that, “as a result of fullness of time, the difference will be offset in future years when wet periods occur.” As noted above, that is not the case. There is no comparison being made in this issue between past and present conditions as noted in the response, rather it is a simple issue that *hoping* for “sometime in the future” to compensate for loss of Safe Yield of the previous 10 years involves speculation and is not a reasonable, responsible and prudent management strategy, nor is it fair to current users of the basin. Hope is not a strategy; however, and the Watermaster should follow a strategy that is reasonable and sustainable over the long-term.

To put this issue in an analogy that we all can relate to would be the example of our personal finances. A projected Safe Yield over 10 years is like one’s anticipated earnings going into a checking account over the next 10 years. Such a projection helps to plan net spending (pumping) from the checking account over that 10-year planning period. If you earn more than you spend, you put the money into a savings account that is akin to a groundwater storage account. If you earn less than you spend, you pay the extra from your savings account, similar to taking the additional needed water from your groundwater storage account.

If 10 years later, your actual net spending (pumping) was more than your actual net earnings (net recharge) for whatever reason, you are in debt for the difference, regardless of your earlier projected income and spending amounts. To provide a stable planning environment, the bank allows you 10 years of buffering by providing you a line of credit to the checking account. When planning your finances for the subsequent 10 years, you may again project your future earnings and planned spending; you may “recalibrate” your planning according to the actual conditions over the past 10 years; however, you cannot ignore that debt from the earlier 10 years. Either you pay back that amount immediately from your savings account (an immediate adjustment to the groundwater storage account), or you include that debt payment as an earnings deduction in your checking account over the subsequent 10 years (i.e., to include the difference between projected and actual Safe Yield into the next reset). But you cannot move from a planned projection to a subsequent projection without paying for past reduced income or overspending, just by promising to have more accurate and recalibrated estimates of future income and spending. Of course, a consumer would like that, but a bank cannot operate under that condition,

passing on losses to future generations in the *hopes* that future spending will not exceed income, or taking a direct loss on its reserves.

2. It is incorrect to say that the Court Ordered methodology does not provide a mechanism for looking backwards at actual basin conditions for the next Safe Yield Reset.

In response to the Ag Pool's comment 1(b) Watermaster states that "[t]he Court-ordered Safe Yield reset methodology does not provide for any retroactive adjustments to Safe Yield or storage accounts." The "no retroactive accounting" provision at paragraph 4.8 is specific to "production years prior to July 1, 2014." This paragraph of the Order contains no language prohibiting a future correction if necessary for managing basin storage. The Language in 4.8 is that "the Watermaster will not in any manner seek to change prior accounting of the prior allocation of safe yield and operating safe yield among the parties to the Judgment for production years prior to July 1, 2014." This does not mean that future Safe Yield resets should not consider historical conditions. Instead, it specifically refers to the 140,000 afy reset to 135,000 afy that occurred in 2015 for the 2010 through 2020 timespan and that value should not be changed to account for the 5,000 afy discrepancy.

The Court-ordered Safe Yield reset methodology in the 1999 OBMP was reasonable and designed to sustainably, stably, responsibly, and prudently manage the basin. It considered that a 10-year planning period timespan was reliable, but that projections may not be accurate, and that models themselves have errors and uncertainties that need to be adjusted over time. Therefore, the 1999 OBMP prescribed that the Safe Yield reset consider what actually happened in the past 10 years and adjust for actual conditions rather than jump from one projection to another knowing that the previous projection was incorrect.

Specifically, under implementation Actions and Schedules in Section 4, the 1999 OBMP clearly states:

In year 2022/23, compute safe yield and storage loss rate for period 2012/13 through 2021/22, and reset safe yield and storage loss rates for the next the next ten-year period 2022/23 to 2031/32. Reassess storage management plan and modify Watermaster UGRR, if needed.

Similar language is used for future resets in 10-year increments up to the year 2051/52. The language clearly states that the past safe yield and storage loss rates should be computed to reset them for the next 10-years. This has not changed in further updates or Court orders. The 2015 Safe Yield Reset Methodology indicates that:

Watermaster's OBMP Implementation Plan called for an initial redetermination of Basin's Safe Yield in 2010/2011, using monitoring data that would be gathered for the first time during 2000/01 through 2009/10. This requirement is additionally carried forward in Section 6.5 of Watermaster's Rules and Regulations, which states that the "Safe Yield shall be recalculated in year 2010/11 based upon data from the ten-year period 2000/01 to 2009/10."

As noted, the requirement was to calculate Safe Yield for the next 10 years **based upon data from the previous 10 years**. The 1999 OBMP also clearly indicated that a Safe Yield should be computed for the historical period to reset the safe yield for the next 10-year period. The Reset Technical Memorandum of 2015 indicates that the 2015 Safe Yield Reset methodology is consistent with the definition of Safe Yield

in the Judgement and the Physical Solution, specifically that "**Safe Yield shall be recalculated in year 2010/11 based upon data from the ten-year period 2000/01 to 2009/10**". The approach then indicates a model recalibration as noted below:

Use the data collected during 2000/01 to 2009/10 (and in the case of subsequent resets newly collected data) in the re-calibration process for the Watermaster's groundwater-flow model.

The approach does not specifically list the safe yield recalibration detail of the Physical Solution that indicates looking back at the previous 10 years, however, nothing the Court has ordered prevents this action. Rather, the Judgement requires stable basin management and as natural basin storage declines, it is prudent for the Watermaster to act appropriately to set a sustainable Safe Yield for the Basin.

3. There is no transparency in reporting to evaluate model results or possible errors

Model behavior cannot be clearly understood by what is reported in the 2020 Safe Yield Recalculation Final Report. Requests for additional information are not being addressed, and examples of such responses are summarized herein.

Figures in the draft report (Figures 7-6 and 7-7 in draft report) were valuable in understanding future behavior, especially if additional information on precipitation of future conditions was also added (as was shown for historical conditions) as requested. Instead, these figures were removed entirely from the final document. They are not replaced with figures that "more clearly communicate trends in DIPAW" as noted in the May 8, 2020 response to comments #3 to the Ag Pool's April 23rd comments. Comment #10 asked for more information on precipitation and the total water budget, which is a reasonable request to holistically understand water in the basin. This is not more work, but something that should be done as part of the modeling effort that evaluates both surface and subsurface water. GSI's request for a total water budget was denied.

Comment #5a asked about the discrepancy between the statement in the draft document regarding "**reduction** in net recharge during the 2021 through 2030 period" and the Figure 7-7, which showed a net **increase**. Instead of a response, the figure was removed and not included in the final report.

GSI comments #6 and #7 were specifically regarding differences between the 2013 model and the 2020 model that are greater in earlier time than in later times. The lengthy response does not address that issue. If the 2020 model update is more accurate, then that would be the case throughout the simulation time period. This was not addressed and request for additional mass balance information that may help understand this issue was also not provided.

The response to Comment #7b indicates that there were errors in the past that were corrected. Model inputs can have errors as noted here. That is why when things do not seem to add up, we request additional information to satisfy ourselves that things are correct. Withholding such information or the model is not helpful or transparent.

Response to Comment #8 is also non-responsive. The comment questions why there is an increase in water levels in the earlier model but a decrease in water levels in the model update. Instead of providing

an answer to our query, the response was focused on the semantics of the comment as to whether it was one model or more models. The additional statement that “the model-estimated storage change for the 2013 model and the 2020 CVM for the period 2000-2018 closely track each other” is not a response to why the models were showing opposite trends between 1978 and 2020. Instead, it raises additional questions regarding the model and its update, since the 2013 model used projected average conditions for recharge, while the 2020 update was operating under an extended drought between 2000 and 2018. Yet, both models are reported to “closely track each other” during that period.

The response to Comment #9 tries to separate the Safe Yield from the Storage Management Plan; however, they are intimately interlinked and depend on each other.

Lack of transparency is also noted in the response to the State of California’s comments at the April workshop and their written comments. Uncertainty of the model is not acknowledged, let alone probed. There is uncertainty in model parameters as well as in recharge and pumping projections, which are input to the model for the forecasts. Modeling standards require conducting sensitivity analyses at a minimum to help understand the aquifer better, determine significant data gaps, and improve on a model whether a Court requires it or not. These procedures are outlined in the ASTM D5611 - 94(2016) Standard Guide for Conducting a Sensitivity Analysis for a Groundwater Flow Model Application. Transparency involves addressing stakeholders concerns instead of discussing semantics of one or multiple models, and providing responses to comments that are essentially evasive, even if the Court does not obligate you to do so.

4. There are items in the current Safe Yield Reset that are not entirely clear and may have substantial consequences

The Optimal Storage Requirement (OSR) was estimated at ~ 5.3 million af, which was the estimated storage computed for the state of the basin in 1997. Of that amount, 236,000 af was already in Managed Storage around that time (in 2000). The estimated amount in Managed Storage for End-of-Year 2019 was 503,275 af, as described in the 2020 Safe Yield Reset report. Note that a complete picture of managed storage and basin storage has not been provided in one location, however, adding up these amounts, the total basin storage is about 5.6 million af.

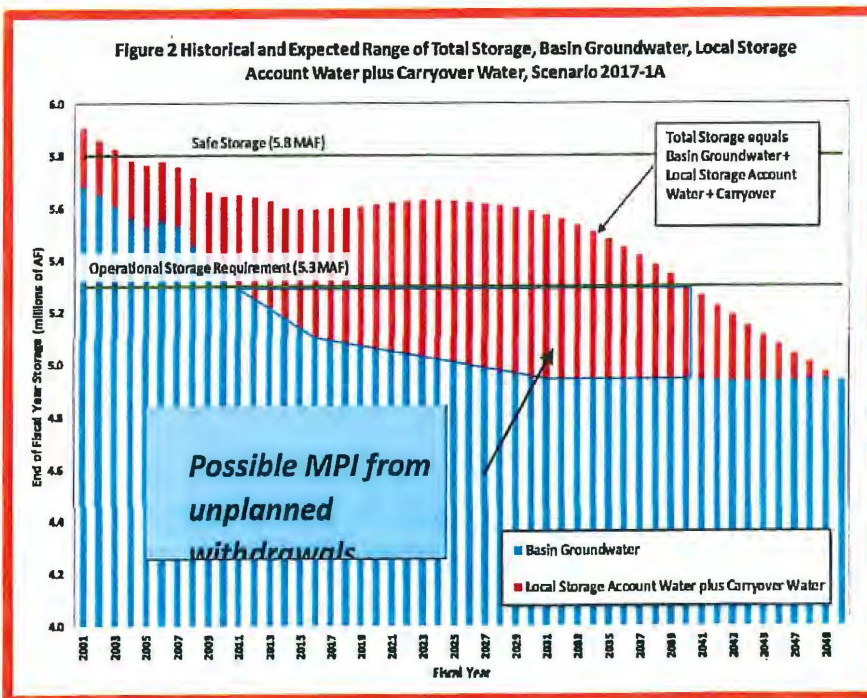
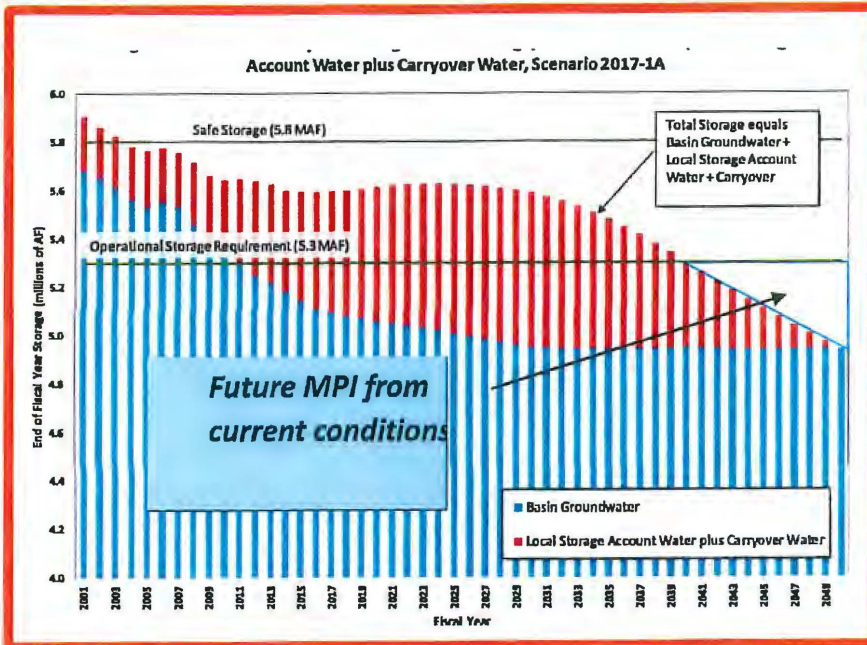
The 2020 Safe Yield report indicates that total groundwater in storage was 12.3 MAF. However, the Safe Yield report does not provide the final values used for specific yield in the model. Only initial estimates are provided, which were changed upon calibration so it is not clear how the total basin groundwater storage is different from the OSR. Did the model “find” this extra water (up to 12.3 MAF) by increasing the specific yield? How does this 12.3 MAF affect the 5.6 MAF OSR and how are the two numbers related? It is not clear how these numbers will be used in the future so accepting the Safe Yield report with such unresolved issues is not advisable at this time.

5. Current basin operations are projected to cause MPI, and unplanned future management of storage accounts can cause MPI

As presented to the Agricultural Pool, current basin operations are projected to cause Material Physical Injury (MPI) in the future (after 2040). Also, unplanned future management of storage accounts can

cause MPI. The figures below indicate both of these possibilities. Of particular concern is the amount of water in Storage Accounts that has already reduced Basin Groundwater amounts to be below the OSR. Without some adjustment that brings Basin Storage back to OSR levels, there will definitely be MPI. It is GSI's opinion, that a management plan would be subject to legal challenges that would likely follow if the Watermaster did not allow removal of water from storage accounts. A "Leave Behind" action should be implemented at this stage to ensure fair and sustainable operation of the basin.

In the analogy of personal finances, not allowing water to be extracted from a valid Storage Account would be akin to a bank plan that would never allow clients to remove money from their savings account because it would be detrimental to the bank to ever do so. If I had vast sums of money in a savings account and the bank said I had every right to it but can never withdraw it, I would consider that as illogical and would sue the bank to get back my money. That is exactly what should be anticipated in the current situation unless rectified by a plan that is executed with basin sustainability in mind.



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 Manager's Report