

CHINO BASIN WATERMASTER



NOTICE OF MEETING

Thursday, June 21, 2018

9:00 a.m. – Advisory Committee Meeting

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

CHINO BASIN WATERMASTER

Thursday, June 21, 2018

9:00 a.m. – Advisory Committee Meeting

AGENDA

**CHINO BASIN WATERMASTER
ADVISORY COMMITTEE MEETING**

9:00 a.m. – June 21, 2018

WITH

Mr. Jeff Pierson, Chair

Mr. Todd Corbin, Vice-Chair

At The Offices Of

Chino Basin Watermaster

9641 San Bernardino Road

Rancho Cucamonga, CA 91730

AGENDA

CALL TO ORDER

AGENDA – ADDITIONS/REORDER

I. CONSENT CALENDAR

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

A. MINUTES

Approve as presented:

1. Minutes of the Advisory Committee Meeting held May 17, 2018 *(Page 1)*

B. FINANCIAL REPORTS

Receive and file as presented:

1. Cash Disbursements for the month of April 2018 *(Page 5)*
2. Watermaster VISA Check Detail for the month of April 2018 *(Page 17)*
3. Combining Schedule for the Period July 1, 2017 through April 30, 2018 *(Page 21)*
4. Treasurer's Report of Financial Affairs for the Period April 1, 2018 through April 30, 2018 *(Page 25)*
5. Budget vs. Actual Report for the Period July 1, 2017 through April 30, 2018 *(Page 29)*

C. WATER TRANSACTIONS *(Page 55)*

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

The transfer of 10,000.00 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 first, with any additional from Excess Carryover.

II. BUSINESS ITEMS

**A. TASK ORDER NO. 2 UNDER MASTER AGREEMENT FOR COLLABORATIVE PROJECTS
TECHNICAL SUPPORT FOR ANALYSIS OF THE UPPER SANTA ANA RIVER
GROUNDWATER INTEGRATED MODEL *(Page 63)***

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

B. 2017 ANNUAL REPORT OF THE PRADO BASIN HABITAT SUSTAINABILITY COMMITTEE *(Page 69)*

Recommend Board to receive and file.

C. EXHIBIT "G" TRANSFER RATE AMENDMENT *(Page 77)*

Offer advice and assistance on amending Section 9(d) of Exhibit "G" regarding the transfer rate.

D. PEACE AGREEMENT PARAGRAPH 5.3(e) INTERPRETATION *(Page 81)*

Offer advice and assistance on the interpretation of the language.

E. AMENDMENTS TO JUDGMENT AND CAMA TO IMPLEMENT SETTLEMENT AGREEMENT REGARDING APPEAL FROM APRIL 28, 2017 ORDER *(Page 97)*

Discuss and offer advice.

III. REPORTS/UPDATES

A. LEGAL COUNSEL REPORT

1. Appeal of April 28, 2017 Order
2. July 24, 2018 Court Hearing

B. ENGINEER REPORT

1. Storage Framework
2. 2018 Recharge Master Plan Update
3. Salinity Management

C. CFO REPORT

1. FY 2017/18 Budget Transfers

D. GM REPORT

1. Future Assessment Packages
2. July 2018 Meeting Schedule
3. Other

E. INLAND EMPIRE UTILITIES AGENCY

1. MWD Update *(Written) (Page 115)*
2. State and Federal Legislative Reports *(Written) (Page 123)*
3. Community Outreach/Public Relations Report *(Written) (Page 145)*

F. OTHER METROPOLITAN MEMBER AGENCY REPORTS

IV. INFORMATION

1. Cash Disbursements for May 2018 *(Page 149)*

V. COMMITTEE MEMBER COMMENTS

VI. OTHER BUSINESS

VII. CONFIDENTIAL SESSION - POSSIBLE ACTION

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

VIII. FUTURE MEETINGS AT WATERMASTER

6/21/18	Thu	8:00 a.m.	Appropriative Pool Strategic Planning (Confidential Session Only)
6/21/18	Thu	9:00 a.m.	Advisory Committee
6/21/18	Thu	9:30 a.m.	2018 RMPU Steering Committee #5 and Recharge Investigations and Projects Committee (meetings will be combined)
6/28/18	Thu	11:00 a.m.	Watermaster Board

ADJOURNMENT

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FOR PAGINATION

CHINO BASIN WATERMASTER

I. CONSENT CALENDAR

A. MINUTES

1. Advisory Committee Meeting held on May 17, 2018

DRAFT MINUTES
CHINO BASIN WATERMASTER
ADVISORY COMMITTEE MEETING

May 17, 2018

The Advisory Committee meeting was held at the offices of the Chino Basin Watermaster located at 9641 San Bernardino Road, Rancho Cucamonga, CA on May 17, 2018.

ADVISORY COMMITTEE MEMBERS PRESENT

AGRICULTURAL POOL

Jeff Pierson, Chair
Pete Hall

Crops
State of California – CIM

APPROPRIATIVE POOL

Todd Corbin, Vice-Chair
Teri Layton
Van Jew
Cris Fealy
Eric Tarango
John Bosler for Marty Zvirbulis
Rosemary Hoerning
Dave Crosley
Raul Garibay for Darron Poulsen
Ron Craig
Katie Gienger for Scott Burton

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

NON-AGRICULTURAL POOL

Brian Geye, 2nd Vice-Chair

California Speedway Corporation

WATERMASTER BOARD MEMBER PRESENT

Bob Kuhn

Three Valleys Municipal Water District

WATERMASTER STAFF PRESENT

Peter Kavounas
Joseph Joswiak
Edgar Tellez Foster
Anna Nelson

General Manager
Chief Financial Officer
Senior Environmental Engineer
Executive Services Director/Board Clerk

WATERMASTER CONSULTANTS PRESENT

Brad Herrema
Andy Malone
Garrett Rapp

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

OTHERS PRESENT

Rick Hansen
Matt Litchfield
Shaun Stone
David De Jesus
Eduardo Espinoza
Manny Martinez
Amanda Coker

Three Valleys Municipal Water District
Three Valleys Municipal Water District
Inland Empire Utilities Agency
Three Valleys Municipal Water District
Cucamonga Valley Water District
Monte Vista Water District
City of Chino

CALL TO ORDER

Chair Pierson called the Advisory Committee meeting to order at 9:05 a.m.

AGENDA – ADDITIONS/REORDER

(0:00:30) Mr. Kavounas invited Mr. Hansen to introduce Mr. Litchfield.

(0:00:41) Mr. Hansen introduced Mr. Litchfield as Three Valley Municipal Water District's new Assistant General Manager.

(0:01:46) Chair Pierson welcomed Mr. Litchfield.

I. CONSENT CALENDAR

A. MINUTES

1. Minutes of the Advisory Committee Meeting held April 19, 2018

B. FINANCIAL REPORTS

1. Cash Disbursements for the month of March 2018
2. Watermaster VISA Check Detail for the month of March 2018
3. Combining Schedule for the Period July 1, 2017 through March 31, 2018
4. Treasurer's Report of Financial Affairs for the Period March 1, 2018 through March 31, 2018
5. Budget vs. Actual Report for the Period July 1, 2017 through March 31, 2018

C. WATER TRANSACTIONS

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

1. The transfer of 2,500.000 acre-feet of water from City of Pomona to Fontana Water Company. This transfer is made from City of Pomona's Excess Carryover Account. Date of application: February 20, 2018.
2. The transfer of 62.086 acre-feet of water from San Antonio Water Company to City of Ontario. This transfer is made from San Antonio Water Company's Local Supplemental Storage Account. Date of application: March 1, 2018.
3. The transfer of 9.000 acre-feet of water from Nicholson Trust to Fontana Water Company. This transfer is made from Nicholson Trust's Annual Production Right/Operating Safe Yield. Date of application: March 18, 2018.

(0:02:19)

*Motion by Mr. Raul Garibay, seconded by Mr. Brian Geye, and by unanimous vote
Moved to approve the Consent Calendar as presented.*

II. BUSINESS ITEMS

A. WATERMASTER FISCAL YEAR 2018/19 PROPOSED BUDGET

Approve the proposed FY 2018/19 budget as presented.

(0:02:42) Mr. Joswiak gave a presentation.

(0:07:42)

*Motion by Ms. Teri Layton, seconded by Mr. Ron Craig, and by unanimous vote
Moved to approve Business Item II.A. as presented.*

B. PREEMPTIVE REPLENISHMENT AGREEMENT

Recommend Board approval.

(0:08:06) Mr. Kavounas gave a report. A discussion ensued.

(0:09:41)

*Motion by Vice-Chair Todd Corbin, seconded by Mr. Raul Garibay, and by unanimous vote
Moved to approve Business Item II.B. as presented.*

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

1. Appeal of April 28, 2017 Order
2. June 22, 2018 Court Hearing

(0:10:06) Mr. Herrema gave a report.

B. ENGINEER REPORT

1. Storage Framework
2. Recharge Master Plan Update
3. Prado Basin Habitat Sustainability Committee
4. Reporting

(0:10:46) Mr. Malone gave a report.

C. CFO REPORT

None

D. GM REPORT

1. Other

(0:12:01) Mr. Kavounas announced that he has nothing new to report since Pool meetings last week.

E. INLAND EMPIRE UTILITIES AGENCY

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

F. OTHER METROPOLITAN MEMBER AGENCY REPORTS

(0:12:44) Mr. Hansen gave a report on the Rialto Feeder shut down. A discussion ensued.

IV. INFORMATION

1. Cash Disbursements for April 2018

V. COMMITTEE MEMBER COMMENTS

(0:19:53) Vice-Chair Corbin reported on progress of the Six-Pack agreement regarding the Safe Yield Reset and related appeal, and plans to send out additional information within the next week.

VI. OTHER BUSINESS

None

VIII. CONFIDENTIAL SESSION - POSSIBLE ACTION

None

VIII. FUTURE MEETINGS AT WATERMASTER

5/15/18	Tue	9:00 a.m.	Storage Framework Workshop #7
5/17/18	Thu	8:00 a.m.	Appropriative Pool Strategic Planning (Confidential Session Only)
5/17/18	Thu	9:00 a.m.	Advisory Committee
5/17/18	Thu	9:30 a.m.	2018 RMPU Steering Committee #4 and Recharge Investigations and Projects Committee (meetings will be combined)
5/22/18	Tue	9:00 a.m.	Groundwater Recharge Coordinating Committee (Held at CBWCD)
5/24/18	Thu	11:00 a.m.	Watermaster Board

(0:23:14) Mr. Kavounas reviewed Item VIII, Future Meetings at Watermaster, and asked Ms. Nelson to navigate to the View Schedule section of the Watermaster website to let parties know that all meetings are shown there, and continually updated.

ADJOURNMENT

Chair Pierson adjourned the Advisory Committee meeting at 9:30 a.m.

Secretary: _____

Approved: _____

CHINO BASIN WATERMASTER

I. CONSENT CALENDAR

B. FINANCIAL REPORTS

1. Cash Disbursements for the month of April 2018
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CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: June 21, 2018
TO: Advisory Committee Members
SUBJECT: Cash Disbursement Report - Financial Report B1 (April 30, 2018)

SUMMARY

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

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

Financial Impact: Funds disbursed were included in the FY 2017/18 "Amended" Watermaster Budget.

Future Consideration

Advisory Committee – June 21, 2018: Receive and File

Watermaster Board – June 28, 2018: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – June 14, 2018: Received and filed

Non-Agricultural Pool – June 14, 2018: Moved unanimously to receive and file, without approval

Agricultural Pool – June 15, 2018: Received and filed

Advisory Committee – June 21, 2018:

Watermaster Board – June 28, 2018:

BACKGROUND

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

DISCUSSION

Total cash disbursements during the month of April 2018 were \$664,879.09.

The most significant expenditures during the month were to Wildermuth Environmental, Inc. in the amount of \$277,731.02 (check number 20761 dated April 24, 2018); Brownstein Hyatt Farber Schreck in the amounts of \$71,859.98 and \$105,694.37 (check number 20727 dated April 2, 2018 and check number 20762 dated April 30, 2018); and Egoscue Law Group, Inc. in the amount of \$41,987.50 (check number 20751 dated April 19, 2018).

ATTACHMENTS

1. Financial Report - B1

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
April 2018

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	04/02/2018	20727	BROWNSTEIN HYATT FARBER SCHRECK		1012 · Bank of America Gen'l Ckg	
Bill	02/28/2018	713584		713584	6907.44 · SGMA Compliance	4,242.60
Bill	02/28/2018	713585		713585	6907.42 · Safe Yield Recalculation	5,443.20
				Delivery/Ground Transportation	6907.42 · Safe Yield Recalculation	150.00
				Lodging	6907.42 · Safe Yield Recalculation	450.00
Bill	02/28/2018	713586		713586	6907.41 · Prado Basin Habitat Sustain	1,903.50
Bill	02/28/2018	713587		713587	6907.40 · Storage Agreements	8,849.25
				Mileage/Parking Expense	6907.40 · Storage Agreements	36.78
Bill	02/28/2018	713588		713588	6907.39 · Recharge Master Plan	2,361.15
Bill	02/28/2018	713589		713589	6077 · BHFS Legal - Party Status Maint	5,580.90
Bill	02/28/2018	713590		713590	6071 · BHFS Legal - Court Coordination	4,313.70
Bill	02/28/2018	713591		713591	8575 · BHFS Legal - Non-Ag Pool	1,692.90
Bill	02/28/2018	713592		713592	8475 · BHFS Legal - Agricultural Pool	1,692.90
Bill	02/28/2018	713593		713593	8375 · BHFS Legal - Appropriative Pool	1,692.90
Bill	02/28/2018	713594		713594	6375 · BHFS Legal - Board Meeting	3,802.95
				Delivery/Ground Transportation	6375 · BHFS Legal - Board Meeting	150.00
Bill	02/28/2018	713595		713595	6275 · BHFS Legal - Advisory Committee	891.00
				Mileage/Parking Expense	6275 · BHFS Legal - Advisory Committee	36.78
Bill	02/28/2018	713596		713596	6907.36 · Santa Ana River Habitat	89.10
Bill	02/28/2018	713597		713597	6907.34 · Santa Ana River Water Rights	9,579.60
				Research	6907.34 · Santa Ana River Water Rights	28.46
Bill	02/28/2018	713598		713598	6078 · BHFS Legal - Miscellaneous	18,160.19
				Angelica BK	6078 · BHFS Legal - Miscellaneous	442.13
				NRG BK	6078 · BHFS Legal - Miscellaneous	196.43
				Mileage/Parking Expense	6078 · BHFS Legal - Miscellaneous	36.78
				Mileage/Parking Expense	8375 · BHFS Legal - Appropriative Pool	12.26
				Mileage/Parking Expense	8475 · BHFS Legal - Agricultural Pool	12.26
				Mileage/Parking Expense	8575 · BHFS Legal - Non-Ag Pool	12.26
TOTAL						71,859.98
Bill Pmt -Check	04/03/2018	ACH 040318	CALPERS	1394905143	1012 · Bank of America Gen'l Ckg	
Bill	03/14/2018	1394905143		1394905143	60182.1 · Medical Insurance	8,440.38
TOTAL						8,440.38
Bill Pmt -Check	04/06/2018	20728	CLEAN TECH SERVICES	7821	1012 · Bank of America Gen'l Ckg	
Bill	03/28/2018	7821		Window cleaning, hard water spot removal	6024 · Building Repair & Maintenance	327.00
TOTAL						327.00
Bill Pmt -Check	04/06/2018	20729	DI PRIMIO, ROBERT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	

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CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
April 2018

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	03/20/2018	3/20 Pre-Board Mtg		3/20/18 Pre-Board Meeting Conference Call	6311 · Board Member Compensation	125.00
Bill	03/22/2018	3/22 Board Mtg		3/22/18 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						250.00
Bill Pmt -Check	04/06/2018	20730	FEDAK & BROWN LLP	Audit Services	1012 · Bank of America Gen'l Ckg	
Bill	03/30/2018			March 2018	6062 · Audit Services	1,500.00
TOTAL						1,500.00
Bill Pmt -Check	04/06/2018	20731	IN-SITU, INC.	Equipment	1012 · Bank of America Gen'l Ckg	
Bill	03/26/2018	00117844			7104.7 · Grdwtr Level-WM Staff-Cap Equip	5,916.68
TOTAL						5,916.68
Bill Pmt -Check	04/06/2018	20732	KAVOUNAS, PETER	Travel Expense Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	03/30/2018			Travel Expense Reimbursement	6191 · Conferences - General	234.77
TOTAL						234.77
Bill Pmt -Check	04/06/2018	20733	PREMIERE GLOBAL SERVICES	25542237	1012 · Bank of America Gen'l Ckg	
Bill	03/31/2018	25542237		WM coordination call on 3/05	6909.1 · OBMP Meetings	6.27
				WM coordination call on 3/05	6909.1 · OBMP Meetings	6.29
				Fee - General	6022 · Telephone	49.00
				Fee - Confidential	6022 · Telephone	49.00
				Storge Framework call on 2/28	7604 · PE8&9-Supplies	18.61
				Pomona Extensometer call on 3/05	6909.1 · OBMP Meetings	18.13
				WM coordination call on 3/19	6909.1 · OBMP Meetings	6.28
				Pomona Extensometer call on 3/19	6909.1 · OBMP Meetings	14.23
				Board agenda preview call	6312 · Meeting Expenses	6.28
				HCP call on 3/23	6909.1 · OBMP Meetings	6.90
				WM coordination call on 3/26	6909.1 · OBMP Meetings	14.77
				Service Fee	6022 · Telephone	7.56
TOTAL						203.32
Bill Pmt -Check	04/06/2018	20734	RR FRANCHISING, INC.	54051	1012 · Bank of America Gen'l Ckg	
Bill	04/02/2018	54051		Monthly service - April 2018	6024 · Building Repair & Maintenance	740.00
TOTAL						740.00
Bill Pmt -Check	04/06/2018	20735	STATE COMPENSATION INSURANCE FUND	1970970-17	1012 · Bank of America Gen'l Ckg	
Bill	04/01/2018	1970970-17		Monthly premium 3/26/18-4/26/18	60183 · Worker's Comp Insurance	520.50
TOTAL						520.50
Bill Pmt -Check	04/06/2018	20736	YUKON DISPOSAL SERVICE	08-K2 213849	1012 · Bank of America Gen'l Ckg	

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CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
April 2018

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	04/02/2018	08-2 213849		April 2018	6024 · Building Repair & Maintenance	117.14
TOTAL						117.14
General Journal	04/07/2018	04/07/2018	Payroll and Taxes for 03/25/18-04/07/18	Payroll and Taxes for 03/25/18-04/07/18	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 03/25/18-04/07/18	1012 · Bank of America Gen'l Ckg	26,067.84
				Payroll Taxes for 03/25/18-04/07/18	1012 · Bank of America Gen'l Ckg	8,423.26
			ICMA-RC	457(b) Employee Deductions for 03/25/18-04/07/18	1012 · Bank of America Gen'l Ckg	4,654.53
			ICMA-RC	401(a) Employee Deductions for 03/25/18-04/07/18	1012 · Bank of America Gen'l Ckg	1,285.52
TOTAL						40,431.15
Bill Pmt -Check	04/10/2018	20737	ACCENT COMPUTER SOLUTIONS, INC.	120907	1012 · Bank of America Gen'l Ckg	
Bill	03/31/2018	120907		GM's desktop - final payment	6055 · Computer Hardware	891.97
TOTAL						891.97
Bill Pmt -Check	04/10/2018	20738	APPLIED COMPUTER TECHNOLOGIES	2962	1012 · Bank of America Gen'l Ckg	
Bill	03/30/2018	2962		Database Consulting Services - March 2018	6052.2 · Applied Computer Technol	3,315.40
TOTAL						3,315.40
Bill Pmt -Check	04/10/2018	20739	CHEF DAVE'S CAFE & CATERING	8156	1012 · Bank of America Gen'l Ckg	
Bill	03/22/2018	8156		Lunch for 3/22/18 Watermaster Board meeting	6312 · Meeting Expenses	600.69
TOTAL						600.69
Bill Pmt -Check	04/10/2018	20740	ELIE, STEVEN	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	03/22/2018	3/22 Board Mtg		3/22/18 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	04/10/2018	20741	KUHN, BOB	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	03/06/2018	3/06 Admin Mtg		3/06/18 Administrative Meeting	6311 · Board Member Compensation	125.00
Bill	03/22/2018	3/22 Board Mtg		3/22/18 Board Meeting	6311 · Board Member Compensation	125.00
Bill	03/30/2018	3/20 Admin Mtg		3/30/18 Administrative Meeting	6311 · Board Member Compensation	125.00
TOTAL						375.00
Bill Pmt -Check	04/10/2018	20742	PAYCHEX	2018032900	1012 · Bank of America Gen'l Ckg	
Bill	03/30/2018	2018032900		March 2018	6012 · Payroll Services	310.67
TOTAL						310.67
Bill Pmt -Check	04/10/2018	20743	PIERSON, JEFFREY	Board and Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	03/08/2018	3/08 Ag Pool Mtg		3/08/18 Ag Pool Meeting	8411 · Compensation	125.00
Bill	03/15/2018	3/15 Advisory Comm		3/15/18 Advisory Committee meeting	8411 · Compensation	125.00
Bill	03/15/2018	3/15 RIPCom Mtg		3/15/18 RIPCom Meeting	8411 · Compensation	125.00

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
April 2018

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	03/20/2018	3/20 Board Conf Call		3/20/18 Board Executive Committee conf. call	6311 · Board Member Compensation	125.00
Bill	03/22/2018	3/22 Board Mtg		3/22/18 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						625.00
Bill Pmt -Check	04/10/2018	20744	RAUCH COMMUNICATION CONSULTANTS, LLC Jan-1803		1012 · Bank of America Gen'l Ckg	
Bill	03/30/2018	Jan-1803		AR40 - January - February 2018	6061.3 · Rauch	1,600.00
TOTAL						1,600.00
Bill Pmt -Check	04/10/2018	20745	UNION 76	7076-2245-3035-5049	1012 · Bank of America Gen'l Ckg	
Bill	03/30/2018	7076224530355049		Fuel - March 2018	6175 · Vehicle Fuel	72.01
TOTAL						72.01
Bill Pmt -Check	04/12/2018	ACH 041218	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	04/07/2018	04/07/2018	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 03/28/18-04/07/18	2000 · Accounts Payable	6,668.35
TOTAL						6,668.35
General Journal	04/13/2018	04/13/2018		JWilson Take Care Wage Works Funds	1012 · Bank of America Gen'l Ckg	
				JWilson Take Care Wage Works Funds	60194 · Other Employee Insurance	-727.34
TOTAL						-727.34
Check	04/16/2018	04/16/2018	Service Charge	Service Charge	1012 · Bank of America Gen'l Ckg	
				Service Charge	6039.1 · Banking Service Charges	602.31
TOTAL						602.31
Bill Pmt -Check	04/19/2018	20746	ACWA JOINT POWERS INSURANCE AUTHORITY 05460058		1012 · Bank of America Gen'l Ckg	
Bill	04/13/2018	0546058		Prepayment - May 2018	1409 · Prepaid Life, BAD&D & LTD	217.89
				April 2018	60191 · Life & Disab.Ins Benefits	217.89
TOTAL						435.78
Bill Pmt -Check	04/19/2018	20747	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	03/31/2018	XXXX-XXXX-XXXX-9341		Miscellaneous office supplies	6031.7 · Other Office Supplies	265.50
				50% deposit-wireless access points	6055 · Computer Hardware	1,680.90
				50% deposit-ETF laptop	6055 · Computer Hardware	1,217.94
				Jacket for ETF	6154 · Uniforms	72.97
				Replacement keyboard/mouse combo	6055 · Computer Hardware	26.93
				HR meeting JJ/PK/AT	6141.3 · Admin Meetings	46.41
				PK expense for GRA Symposium	6191 · Conferences - General	17.71
				PK hotel for GRA Symposium	6191 · Conferences - General	653.32
				PK expense for GRA Symposium	6191 · Conferences - General	10.23
				Lunch-budget discusson for Storage Framework	6909.1 · OBMP Meetings	9.39

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CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
April 2018

Type	Date	Num	Name	Memo	Account	Paid Amount
				PK meeting w/B. Kuhn	6312 · Meeting Expenses	24.24
				ETF-registration-3/22/18 Inland Empire Branch mtg	6192 · Seminars - General	15.00
				Lunch-3/13/18 RMPU Steering Committee	7204 · Comp Recharge-Supplies	60.00
				Miscellaneous office supplies	6031.7 · Other Office Supplies	11.48
				PK meeting w/B. DiPrimio	6312 · Meeting Expenses	23.03
				PK flight-6/06/18 GRA-First Annual GSA Summit	6191 · Conferences - General	181.95
				Early bird check in for above flight	6191 · Conferences - General	15.00
				Early bird check in for above flight	6191 · Conferences - General	15.00
				CG registration for 3/19/18 Proofreading seminar	6192 · Seminars - General	97.00
				Supplies for 3/22/18 staff meeting	6141.3 · Admin Meetings	14.54
				AT registration for 4/06/18 Shorthand webinar	6192 · Seminars - General	197.00
				Miscellaneous office supplies	6031.7 · Other Office Supplies	16.15
				PK meeting w/B. Lewis - Golden State Water Co	8312 · Meeting Expenses	15.88
				PK flight-5/03/18 Sacramento meeting-early bird	6173 · Airfare/Mileage	15.00
				PK flight for 5/03/18 Sacramento meeting	6173 · Airfare/Mileage	330.87
				RZ hotel-4/02/18 AWWA Operator Symposium	6191 · Conferences - General	358.36
				Miscellaneous office supplies	6031.7 · Other Office Supplies	21.77
				HR meeting JJ/PK/AT	6141.3 · Admin Meetings	35.96
				PK meeting w/T. Layton, V. Jew	8312 · Meeting Expenses	60.77
				Parking-PK-Anne Schneider Lecture-Sacramento	6191 · Conferences - General	18.00
				PK meal at airport	6191 · Conferences - General	17.87
				TOTAL		5,546.17
				Bill Pmt -Check		
				04/19/2018		
				20748		
				CORELOGIC INFORMATION SOLUTIONS		
				81883243		
					1012 · Bank of America Gen'l Ckg	
				Bill		
				03/31/2018		
				81883243		
					7103.7 · Grdwtr Qual-Computer Svc	62.50
					7101.4 · Prod Monitor-Computer	62.50
				TOTAL		125.00
				Bill Pmt -Check		
				04/19/2018		
				20749		
				CUCAMONGA VALLEY WATER DISTRICT		
				Office Rent		
				Bill		
				04/16/2018		
					1012 · Bank of America Gen'l Ckg	
					1422 · Prepaid Rent	6,608.80
				TOTAL		6,608.80
				Bill Pmt -Check		
				04/19/2018		
				20750		
				DE HAAN, HENRY		
				Ag Pool Member Compensation		
				Bill		
				03/08/2018		
				3/08 Ag Pool Mtg		
					1012 · Bank of America Gen'l Ckg	
					8411 · Compensation	25.00
					8470 · Ag Meeting Attend -Special	100.00
				TOTAL		125.00
				Bill Pmt -Check		
				04/19/2018		
				20751		
				EGOSCUE LAW GROUP, INC.		
				11911		
				Bill		
				03/30/2018		
				11911		
					1012 · Bank of America Gen'l Ckg	
					8467 · Ag Legal & Technical Services	41,987.50
				TOTAL		41,987.50

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CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
April 2018

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	04/19/2018	20752	GREAT AMERICA LEASING CORP.	22490394	1012 · Bank of America Gen'l Ckg	
Bill	04/17/2018	22490394		Invoice for April 2018	6043.1 · Ricoh Lease Fee	2,605.07
TOTAL						2,605.07
Bill Pmt -Check	04/19/2018	20753	HUITSING, JOHN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	03/08/2018	3/08 Ag Pool Mtg		3/08/18 Special Ag Pool Meeting	8411 · Compensation	25.00
				3/08/18 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	04/19/2018	20754	LEGAL SHIELD	0111802	1012 · Bank of America Gen'l Ckg	
Bill	04/17/2018	0111802		Employee deductions - April 2018	60194 · Other Employee Insurance	79.70
TOTAL						79.70
Bill Pmt -Check	04/19/2018	20755	LOEB & LOEB LLP	1765470	1012 · Bank of America Gen'l Ckg	
Bill	03/30/2018	1765470		Non-Ag Pool Legal Services - March 2018	8567 · Non-Ag Legal Service	2,588.37
TOTAL						2,588.37
P12 Bill Pmt -Check	04/19/2018	20756	PITNEY BOWES CREDIT CORPORATION	3102072996	1012 · Bank of America Gen'l Ckg	
Bill	04/13/2018	3102072996		Postage meter lease	6044 · Postage Meter Lease	401.91
TOTAL						401.91
Bill Pmt -Check	04/19/2018	20757	STAULA, MARY L	Retiree Medical	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018				60182.4 · Retiree Medical	25.17
TOTAL						25.17
Bill Pmt -Check	04/19/2018	20758	UNITED HEALTHCARE	0045202195	1012 · Bank of America Gen'l Ckg	
Bill	04/13/2018	0045202195		Dental Insurance Premium - May 2018	60182.2 · Dental & Vision Ins	749.75
TOTAL						749.75
Bill Pmt -Check	04/19/2018	20759	VERIZON WIRELESS	9804751207	1012 · Bank of America Gen'l Ckg	
Bill	04/13/2018	9804751207		Acct #470810953-00001	6022 · Telephone	297.55
TOTAL						297.55
Bill Pmt -Check	04/19/2018	20760	ZAPIEN, ENRIQUE	Travel Expense Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	04/16/2018			Reimburse-AWWA 2018 Operator Symposium	6192 · Seminars - General	168.95
TOTAL						168.95
General Journal	04/21/2018	04/21/2018	Payoll and Taxes for 04/08/18-04/21/18	Payoll and Taxes for 04/08/18-04/21/18	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 04/08/18-04/21/18	1012 · Bank of America Gen'l Ckg	26,903.48

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
April 2018

Type	Date	Num	Name	Memo	Account	Paid Amount
				Payroll and Taxes for 04/08/18-04/21/18	1012 · Bank of America Gen'l Ckg	8,578.50
			ICMA-RC	457(b) Employee Deductions for 04/08/18-04/21/18	1012 · Bank of America Gen'l Ckg	4,738.05
			ICMA-RC	401(a) Employee Deductions for 04/08/18-04/21/18	1012 · Bank of America Gen'l Ckg	1,303.27
TOTAL						41,523.30
Bill Pmt -Check	04/24/2018	20761	WILDERMUTH ENVIRONMENTAL INC		1012 · Bank of America Gen'l Ckg	
Bill	03/31/2018	2018082		2018082	6906.31 · OBMP-Pool, Adv. Board Mtgs	3,249.98
Bill	03/31/2018	2018083		2018083	6906.32 · OBMP-Other General Meetings	8,713.13
Bill	03/31/2018	2018084		2018084	6906.71 · OBMP-Data Req.-CBWM Staff	8,810.19
Bill	03/31/2018	2018085		2018085	6906.72 · OBMP-Data Req.-Non CBWM Staff	7,365.05
Bill	03/31/2018	2018086		2018086	6906.23 · SGMA Reporting Requirements	241.20
Bill	03/31/2018	2018087		2018087	6906 · OBMP Engineering Services	3,342.30
Bill	03/31/2018	2018088		2018088	6906.24 · Compliance-SB88 and SWRCB	2,061.90
Bill	03/31/2018	2018089		2018089	7103.3 · Grdwtr Qual-Engineering	22,047.88
Bill	03/31/2018	2018090		2018090	7104.3 · Grdwtr Level-Engineering	33,620.49
Bill	03/31/2018	2018091		Neva Ridge Technologies, Inc.	7107.6 · Grd Level-Contract Svcs	19,800.00
				2018091	7107.2 · Grd Level-Engineering	50.25
Bill	03/31/2018	2018092		2018092	7107.2 · Grd Level-Engineering	3,777.42
				WSP USA Inc.	7107.6 · Grd Level-Contract Svcs	62,405.94
Bill	03/31/2018	2018093		2018093	7108.31 · Hydraulic Control - PBHSP	30,643.59
Bill	03/31/2018	2018094		2018094	7202.2 · Engineering Svc	971.23
Bill	03/31/2018	2018095		2018095	7402 · PE4-Engineering	7,246.72
Bill	03/31/2018	2018096		2018096	7402.10 · PE4 - Northwest MZ1 Area Proj.	2,527.45
Bill	03/31/2018	2018097		2018097	7502 · PE6&7-Engineering	12,975.30
Bill	03/31/2018	2018098		2018098	7510 · PE6&7-IEUA Salinity Mgmt. Plan	16,109.85
Bill	03/31/2018	2018099		2018099	7602 · PE8&9-Engineering	31,771.15
TOTAL						277,731.02
Bill Pmt -Check	04/24/2018	ACH 042418	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
Bill	04/01/2018	15248756		Annual Unfunded Accrued Liability	60180 · Employers PERS Expense	4,348.52
TOTAL						4,348.52
Bill Pmt -Check	04/27/2018	ACH 042718	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	04/21/2018	04/21/2018	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 04/08/18-04/21/18	2000 · Accounts Payable	6,725.08
TOTAL						6,725.08
Bill Pmt -Check	04/30/2018	20762	BROWNSTEIN HYATT FARBER SCHRECK		1012 · Bank of America Gen'l Ckg	
Bill	03/31/2018	718035		718035	6078 · BHFS Legal - Miscellaneous	17,208.45
				Angelica BK	6078 · BHFS Legal - Miscellaneous	142.20
				NRG BK	6078 · BHFS Legal - Miscellaneous	190.35

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CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
April 2018

Type	Date	Num	Name	Memo	Account	Paid Amount
				Watermaster 101	6078 · BHFS Legal - Miscellaneous	2,583.90
				Mileage/Parking Expense	6078 · BHFS Legal - Miscellaneous	73.56
				Mileage/Parking Expense	8375 · BHFS Legal - Appropriative Pool	12.26
				Mileage/Parking Expense	8475 · BHFS Legal - Agricultural Pool	12.26
				Mileage/Parking Expense	8575 · BHFS Legal - Non-Ag Pool	12.26
Bill	03/31/2018	718036		Employee Handbook	6073 · BHFS Legal - Personnel Matters	7,056.45
				Research - Westlaw	6073 · BHFS Legal - Personnel Matters	264.22
				Telephone	6073 · BHFS Legal - Personnel Matters	3.95
Bill	03/31/2018	718037		718037	6907.34 · Santa Ana River Water Rights	9,648.90
				Federal Express	6907.34 · Santa Ana River Water Rights	15.90
Bill	03/31/2018	718038		718038	6907.33 · Desalter/Hydraulic Control	400.95
Bill	03/31/2018	718039		718039	6275 · BHFS Legal - Advisory Committee	1,470.15
				Mileage/Parking Expense	6275 · BHFS Legal - Advisory Committee	36.78
Bill	03/31/2018	718040		718040	6375 · BHFS Legal - Board Meeting	4,876.20
				Delivery/Ground Transportation	6375 · BHFS Legal - Board Meeting	150.00
				718040	6275 · BHFS Legal - Advisory Committee	267.30
Bill	03/31/2018	718041		718041	6071 · BHFS Legal - Court Coordination	11,683.80
Bill	03/31/2018	718042		718042	6077 · BHFS Legal - Party Status Maint	2,811.60
Bill	03/31/2018	718043		718043	6907.38 · Reg. Water Quality Cntrl Board	1,202.85
				Mileage/Parking Expense	6907.38 · Reg. Water Quality Cntrl Board	57.21
Bill	03/31/2018	718044		718044	6907.39 · Recharge Master Plan	5,704.20
Bill	03/31/2018	718045		718045	6907.40 · Storage Agreements	15,944.85
				Delivery/Ground Transportation	6907.40 · Storage Agreements	150.00
Bill	03/31/2018	718046		718046	6907.41 · Prado Basin Habitat Sustain	3,164.40
				Mileage/Parking Expense	6907.41 · Prado Basin Habitat Sustain	44.72
Bill	03/31/2018	718047		718047	6907.42 · Safe Yield Recalculation	13,183.20
				Lodging for 3/14	6907.42 · Safe Yield Recalculation	225.00
				Lodging for 3/22	6907.42 · Safe Yield Recalculation	225.00
Bill	03/31/2018	718048		718048	6907.44 · SGMA Compliance	6,046.65
Bill	03/31/2018	718049		718049	6907.46 · Upper SAR Integrated Model	824.85
TOTAL						105,694.37
Bill Pmt -Check	04/30/2018	20763	ACCENT COMPUTER SOLUTIONS, INC.		1012 · Bank of America Gen'l Ckg	
Bill	04/24/2018	121136		Monthly billing for May 2018	6052.4 · IT Managed Services	4,128.00
				Office 365 monthly subscriptions	6054 · Computer Software	16.50
Bill	04/26/2018	121227		Monitor adapter exchange for ETF	6055 · Computer Hardware	82.07
TOTAL						4,226.57
Bill Pmt -Check	04/30/2018	20764	BUSINESS TELECOMMUNICATION SYSTEMS IN 13516		1012 · Bank of America Gen'l Ckg	
Bill	04/24/2018	13516		Receptionist desk cordless phone & installation	6022 · Telephone	1,070.42

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CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
April 2018

Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAL						1,070.42
Bill Pmt -Check	04/30/2018	20765	CENTURYLINK	70088243	1012 · Bank of America Gen'l Ckg	
Bill	04/24/2018	70088243		4/17/18-5/16/18	6053 · Internet Expense	1,051.36
TOTAL						1,051.36
Bill Pmt -Check	04/30/2018	20766	EUROFINS EATON ANALYTICAL		1012 · Bank of America Gen'l Ckg	
Bill	03/15/2018	L0382002		L0382002	7108.41 · Hydraulic Control - PBHSP	992.00
Bill	03/16/2018	L0382837		L0382837	7108.41 · Hydraulic Control - PBHSP	992.00
Bill	03/19/2018	L0382168		L0382168	7108.41 · Hydraulic Control - PBHSP	1,240.00
Bill	03/21/2018	L0382839		L0382839	7108.41 · Hydraulic Control - PBHSP	992.00
TOTAL						4,216.00
Bill Pmt -Check	04/30/2018	20767	FRONTIER COMMUNICATIONS	909-484-3890-050914-5	1012 · Bank of America Gen'l Ckg	
Bill	04/24/2018	90948438900509145		Office fax	6022 · Telephone	143.99
TOTAL						143.99
Bill Pmt -Check	04/30/2018	20768	JOHN J. SCHATZ	Appropriative Pool Lgeal Services	1012 · Bank of America Gen'l Ckg	
Bill	03/31/2018			Approp. Pool Legal Services - Feb. & Mar. 2018	8367 · Legal Service	5,720.00
TOTAL						5,720.00
Bill Pmt -Check	04/30/2018	20769	RBM LOCK & KEY	0000093283	1012 · Bank of America Gen'l Ckg	
Bill	03/31/2018	0000093283		Install lock on IT/server room & extra keys	6024 · Building Repair & Maintenance	266.01
TOTAL						266.01
Bill Pmt -Check	04/30/2018	20770	STANDARD INSURANCE CO.	Policy # 00-649299-0009	1012 · Bank of America Gen'l Ckg	
Bill	04/24/2018	006492990009		Policy # 00-649299-0009	60191 · Life & Disab.Ins Benefits	786.43
TOTAL						786.43
Bill Pmt -Check	04/30/2018	20771	STAPLES BUSINESS ADVANTAGE	8049527505	1012 · Bank of America Gen'l Ckg	
Bill	04/24/2018	8049527505		Miscellaneous office supplies	6031.7 · Other Office Supplies	191.53
TOTAL						191.53
Bill Pmt -Check	04/30/2018	20772	ULLOA, EUNICE	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	03/31/2018	1/11 Appro Pool Mtg		1/11/18 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00
Bill	03/31/2018	1/16 Admin Mtg		1/16/18 Administrative meeting w/PK, T. Haughey	6311 · Board Member Compensation	125.00
Bill	03/31/2018	1/18 Advisory Comm		1/18/18 Advisory Committee Meeting	6311 · Board Member Compensation	125.00
Bill	03/31/2018	1/25 Board Mtg		1/25/18 Board Meeting	6311 · Board Member Compensation	125.00
Bill	03/31/2018	1/31 Storage Wkshp		1/31/18 Storage Workshop	6311 · Board Member Compensation	125.00
Bill	03/31/2018	2/08 Appro Pool Mtg		2/08/18 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00

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CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
April 2018

Type	Date	Num	Name	Memo	Account	Paid Amount	
Bill	03/31/2018	2/15 Advisory Comm		2/15/18 Advisory Committee Meeting	6311 · Board Member Compensation	125.00	
Bill	03/31/2018	2/22 Board Mtg		2/22/18 Board Meeting	6311 · Board Member Compensation	125.00	
Bill	03/31/2018	3/15 Advisory Comm		3/15/18 Advisory Committee Meeting	6311 · Board Member Compensation	125.00	
Bill	03/31/2018	3/14 Storage Wkshp		3/14/18 Storage Workshop	6311 · Board Member Compensation	125.00	
Bill	03/31/2018	3/22 Board Mtg		3/22/18 Board Meeting	6311 · Board Member Compensation	125.00	
Bill	04/12/2018	4/12 Appro Pool Mtg		4/12/18 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00	
Bill	04/19/2018	4/19 Advisory Comm		4/19/18 Advisory Committee Meeting	6311 · Board Member Compensation	125.00	
Bill	04/24/2018	4/24 Budget Wkshp		4/24/18 Budget Workshop #1	6311 · Board Member Compensation	125.00	
Bill	04/26/2018	4/26 Board Mtg		4/26/18 Board Meeting	6311 · Board Member Compensation	125.00	
TOTAL						1,875.00	
Bill Pmt -Check	04/30/2018	20773	VERIZON WIRELESS	9805287812	1012 · Bank of America Gen'l Ckg		
Bill	04/24/2018	9805287812		Acct #642073270-00001	7103.7 · Grdwtr Qual-Computer Svc	100.14	
TOTAL						100.14	
Bill Pmt -Check	04/30/2018	20774	ZAPIEN, ENRIQUE	Reimbursement	1012 · Bank of America Gen'l Ckg		
Bill	04/24/2018			Reimbursement for safety shoes	6152 · Safety Shoes	169.70	
TOTAL						169.70	
P 1 6	General Journal	04/30/2018	04/30/2018	Wage Works FSA Direct Debits - April 2018	Wage Works FSA Direct Debits - April 2018	1012 · Bank of America Gen'l Ckg	
				Wage Works FSA Direct Debits - April 2018	1012 · Bank of America Gen'l Ckg	696.15	
				Wage Works FSA Direct Debits - April 2018	1012 · Bank of America Gen'l Ckg	696.15	
				Wage Works FSA Direct Debits - April 2018	1012 · Bank of America Gen'l Ckg	696.15	
				Wage Works FSA Direct Debits - April 2018	1012 · Bank of America Gen'l Ckg	81.50	
TOTAL						2,169.95	
Total Disbursements:						664,879.09	



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: June 21, 2018
TO: Advisory Committee Members
SUBJECT: VISA Check Detail Report - Financial Report B2 (April 30, 2018)

SUMMARY

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

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

Financial Impact: Funds disbursed were included in the FY 2017/18 "Amended" Watermaster Budget.

Future Consideration

Advisory Committee – June 21, 2018: Receive and File

Watermaster Board – June 28, 2018: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – June 14, 2018: Received and filed

Non-Agricultural Pool – June 14, 2018: Moved unanimously to receive and file, without approval

Agricultural Pool – June 15, 2018: Received and filed

Advisory Committee – June 21, 2018:

Watermaster Board – June 28, 2018:

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 April 2018 were \$5,546.17. The payment was processed in the amount of \$5,546.17 (by check number 20747 dated April 19, 2018). The monthly charges for April 2018 of \$5,546.17 were for routine and customary expenditures and properly documented with receipts.

ATTACHMENTS

1. Financial Report - B2

CHINO BASIN WATERMASTER
 VISA Check Detail Report
 April 2018

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Type	Num	Date	Name	Memo	Account	Paid Amount
Bill Pmt -Check	04/19/2018	20747	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	03/31/2018	XXXX-XXXX-XXXX-9341		Miscellaneous office supplies	6031.7 · Other Office Supplies	265.50
				50% deposit-wireless access points	6055 · Computer Hardware	1,680.90
				50% deposit-ETF laptop	6055 · Computer Hardware	1,217.94
				Jacket for ETF	6154 · Uniforms	72.97
				Replacement keyboard/mouse combo	6055 · Computer Hardware	26.93
				HR meeting JJ/PK/AT	6141.3 · Admin Meetings	46.41
				PK expense for GRA Symposium	6191 · Conferences - General	17.71
				PK hotel for GRA Symposium	6191 · Conferences - General	653.32
				PK expense for GRA Symposium	6191 · Conferences - General	10.23
				Lunch-budget discussion for Storage Framework	6909.1 · OBMP Meetings	9.39
				PK meeting w/B. Kuhn	6312 · Meeting Expenses	24.24
				ETF-registration-3/22/18 Inland Empire Branch mtg	6192 · Seminars - General	15.00
				Lunch-3/13/18 RMPU Steering Committee	7204 · Comp Recharge-Supplies	60.00
				Miscellaneous office supplies	6031.7 · Other Office Supplies	11.48
				PK meeting w/B. DiPrimio	6312 · Meeting Expenses	23.03
				PK flight-6/06/18 GRA-First Annual GSA Summit	6191 · Conferences - General	181.95
				Early bird check in for above flight	6191 · Conferences - General	15.00
				Early bird check in for above flight	6191 · Conferences - General	15.00
				CG registration for 3/19/18 Proofreading seminar	6192 · Seminars - General	97.00
				Supplies for 3/22/18 staff meeting	6141.3 · Admin Meetings	14.54
				AT registration for 4/06/18 Shorthand webinar	6192 · Seminars - General	197.00
				Miscellaneous office supplies	6031.7 · Other Office Supplies	16.15
				PK meeting w/B. Lewis - Golden State Water Co	8312 · Meeting Expenses	15.88
				PK flight-5/03/18 Sacramento meeting-early bird	6173 · Airfare/Mileage	15.00
				PK flight for 5/03/18 Sacramento meeting	6173 · Airfare/Mileage	330.87
				RZ hotel-4/02/18 AWWA Operator Symposium	6191 · Conferences - General	358.36
				Miscellaneous office supplies	6031.7 · Other Office Supplies	21.77
				HR meeting JJ/PK/AT	6141.3 · Admin Meetings	35.96
				PK meeting w/T. Layton, V. Jew	8312 · Meeting Expenses	60.77
				Parking-PK-Anne Schneider Lecture-Sacramento	6191 · Conferences - General	18.00
				PK meal at airport	6191 · Conferences - General	17.87
					Total Disbursements:	5,546.17

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CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: June 21, 2018
TO: Advisory Committee Members
SUBJECT: Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2017 through April 30, 2018 - Financial Report B3 (April 30, 2018)

SUMMARY

Issue: Record of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2017 through April 30, 2018.

Recommendation: Receive and file Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2017 through April 30, 2018 as presented.

Financial Impact: Funds disbursed were included in the FY 2017/18 "Amended" Watermaster Budget.

Future Consideration

Advisory Committee – June 21, 2018: Receive and File

Watermaster Board – June 28, 2018: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – June 14, 2018: Received and filed

Non-Agricultural Pool – June 14, 2018: Moved unanimously to receive and file, without approval

Agricultural Pool – June 15, 2018: Received and filed

Advisory Committee – June 21, 2018:

Watermaster Board – June 28, 2018:

BACKGROUND

A Combining Schedule of Revenue, Expenses and Changes in Net Assets for the period July 1, 2017 through April 30, 2018 is provided to keep all members apprised of the FY 2017/18 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, 2017 THROUGH APRIL 30, 2018

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WATERMASTER ADMINISTRATION	OPTIMUM BASIN MANAGEMENT	POOL ADMINISTRATION & SPECIAL PROJECTS			GROUNDWATER REPLENISHMENT	LAIF VALUE ADJ.	GASB 68 BEG. NET POSITION	GRAND TOTALS	AMENDED BUDGET 2017-2018
		APPROPRIATIVE POOL	AG POOL	NON-AG POOL					
Administrative Revenues:									
Administrative Assessments		8,407,584		360,243			8,767,827	11,607,166	
Interest Revenue		97,806	4,607	1,112			103,524	39,906	
Mutual Agency Project Revenue	193,622						193,622	191,626	
Miscellaneous Income	70						70	0	
Total Revenues	193,692	8,505,390	4,607	361,355	-	-	9,065,043	11,838,698	
Administrative & Project Expenditures:									
Watermaster Administration	1,469,987						1,469,987	1,339,393	
Watermaster Board-Advisory Committee	137,331						137,331	219,454	
Ag Pool Misc. Expense - Ag Fund			57				57	400	
Pool Administration		90,505	311,657	72,356			474,518	619,252	
Optimum Basin Mgmt Administration	967,117						967,117	1,374,142	
OBMP Project Costs	2,803,668						2,803,668	5,590,384	
Debt Service	457,644						457,644	515,375	
Basin Recharge Improvements	398,469						398,469	6,692,293	
Total Administrative/OBMP Expenses	1,607,318	4,626,897	90,505	311,657	-	-	6,708,790	16,350,693	
Net Administrative/OBMP Expenses	(1,413,626)	(4,626,897)							
Allocate Net Admin Expenses To Pools	<u>1,413,626</u>		1,026,248	335,091	52,287				
Allocate Net OBMP Expenses To Pools		3,770,785	2,737,472	893,840	139,473				
Allocate Debt Service to App Pool		457,644	457,644						
Allocate Basin Recharge to App Pool	<u>398,469</u>	398,469							
Agricultural Expense Transfer*		1,540,588	(1,540,588)						
Total Expenses		6,250,925	57	264,116	-	-	6,708,790	16,350,693	
Net Administrative Income		2,254,464	4,550	97,239			2,356,253	(4,511,995)	
Other Income/(Expense)									
Replenishment Water Assessments					858,518		858,518	0	
Desalter Replenishment Obligation					-		-	0	
Non-Ag Stored Water Purchases					-		-	0	
Exhibit "G" Non-Ag Pool Water					-		-	0	
Interest Revenue					2,259		2,259	0	
MWD Water Purchases					-		-	0	
Non-Ag Stored Water Purchases					-		-	0	
Exhibit "G" Non-Ag Pool Water					-		-	0	
MWD Water Purchases					-		-	0	
Groundwater Replenishment					(763,169)		(763,169)	0	
LAIF - Fair Market Value Adjustment					-		-	0	
Gain on Sale of Assets		1,637		63			1,700	0	
Other Post-Employment Benefits (OPEB)		-		-			-	0	
Refund-Excess Reserves		-		-			-	0	
Refund-Recharge Debt		(78,397)					(78,397)	0	
Funding To/(From) Reserves							-	(392,216)	
Net Other Income/(Expense)		(76,760)	-	63	97,607	-	20,910	(392,216)	
Net Transfers To/(From) Reserves	2,377,163	2,177,704	4,550	97,302	97,607	-	2,377,163	(4,119,779)	
Net Assets, July 1, 2017	0	9,038,790	486,234	45,146	(102,141)	(11,905)	8,715,929		
Net Assets, End of Period		11,216,495	490,784	142,448	(4,534)	(11,905)	11,093,093	11,093,093	
16/17 Assessable Production		82,269.159	26,862.554	4,191.579			113,323.292		
16/17 Production Percentages		72.597%	23.704%	3.699%			100.000%		

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

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CHINO BASIN WATERMASTER

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: June 21, 2018
TO: Advisory Committee Members
SUBJECT: Treasurer's Report of Financial Affairs for the Period April 1, 2018 through April 30, 2018
- Financial Report B4 (April 30, 2018)

SUMMARY

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

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

Financial Impact: Funds disbursed were included in the FY 2017/18 "Amended" Watermaster Budget.

Future Consideration

Advisory Committee – June 21, 2018: Receive and File

Watermaster Board – June 28, 2018: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – June 14, 2018: Received and filed

Non-Agricultural Pool – June 14, 2018: Moved unanimously to receive and file, without approval

Agricultural Pool – June 15, 2018: Received and filed

Advisory Committee – June 21, 2018:

Watermaster Board – June 28, 2018:

BACKGROUND

A Treasurer's Report of Financial Affairs for the Period April 1, 2018 through April 30, 2018 is provided to keep all members apprised of the total cash in banks (Bank of America, LAIF, and CalTRUST); cash on deposit in trust with the County of San Bernardino as a result of the Cooperation and Reimbursement Agreement between Chino Basin Watermaster and County of San Bernardino dated May 25, 2017; and cash on hand at the Watermaster office (petty cash) at the end of the period stated. The Treasurer's Report details the change (increase or decrease) in the overall cash position of Watermaster, as well as the changes (increase or decrease) to the assets and liabilities section of the balance sheet. The report also provides a detailed listing of all deposits and/or withdrawals in the California State Treasurer's Local Agency Investment Fund (LAIF) and/or CalTRUST, the most current effective yield as of the last quarter, and the ending balance in LAIF as of the reporting date.

DISCUSSION

The Treasurer's Report of Financial Affairs has been created from various financial reports and statements created from Intuit QuickBooks Enterprise Solutions 18.0, the Watermaster accounting system. The Treasurer's Report provided, balances to the supporting documentation in the Watermaster accounting system, as well as the supporting bank statements.

ATTACHMENTS

1. Financial Report - B4

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

Financial Report - B4

DEPOSITORIES:

Cash on Hand - Petty Cash			\$	500
Bank of America				
Governmental Checking-Demand Deposits	\$	457,473		
Zero Balance Account - Payroll		-		457,473
Trust Account - County of San Bernardino				845
Local Agency Investment Fund - Sacramento				12,361,569
TOTAL CASH IN BANKS AND ON HAND				\$ 12,820,387
TOTAL CASH IN BANKS AND ON HAND	4/30/2018			13,406,661
	3/31/2018			13,406,661

PERIOD INCREASE (DECREASE) \$ (586,274)

CHANGE IN CASH POSITION DUE TO:

Decrease/(Increase) in Assets: Accounts Receivable			\$	68,437
Assessments Receivable				-
Prepaid Expenses, Deposits & Other Current Assets				1,374
(Decrease)/Increase in Liabilities: Accounts Payable				72,989
Accrued Payroll, Payroll Taxes & Other Current Liabilities				4,860
Long Term Liabilities				2,198
Transfer to/(from) Reserves				(736,132)
PERIOD INCREASE (DECREASE)				\$ (586,274)

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SUMMARY OF FINANCIAL TRANSACTIONS:

	Petty Cash	Govt'l Checking Demand	Zero Balance Account Payroll	Trust Account County of San Bernardino	Local Agency Investment Funds	Totals
Balances as of 3/31/2018	\$ 500	\$ 8,145	\$ -	\$ 15,000	\$ 13,383,016	\$ 13,406,661
Deposits	-	1,114,935	-	-	53,553	1,168,487
Transfers	-	(110,909)	(69,973)	-	(1,075,000)	(1,255,882)
Withdrawals/Checks	-	(554,697)	69,973	(14,155)	-	(498,879)
Balances as of 4/30/2018	\$ 500	\$ 457,473	\$ -	\$ 845	\$ 12,361,569	\$ 12,820,387
PERIOD INCREASE OR (DECREASE)	\$ -	\$ 449,328	\$ -	\$ (14,155)	\$ (1,021,447)	\$ (586,274)

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

INVESTMENT TRANSACTIONS

Effective Date	Transaction	Depository	Activity	Redeemed	Days to Maturity	Interest Rate(*)	Maturity Yield
4/2/2018	Withdrawal		(525,000)				
4/13/2018	Interest		53,553				
4/27/2018	Withdrawal		(550,000)				
TOTAL INVESTMENT TRANSACTIONS			\$ (1,021,447)	\$0			

* The earnings rate for L.A.I.F. is a daily variable rate; 1.51% was the effective yield rate at the Quarter ended March 31, 2018.

**INVESTMENT STATUS
April 30, 2018**

<u>Financial Institution</u>	<u>Principal Amount</u>	<u>Number of Days</u>	<u>Interest Rate</u>	<u>Maturity Date</u>
Local Agency Investment Fund	\$ 12,361,569			
TOTAL INVESTMENTS	\$ 12,361,569			

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

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CHINO BASIN WATERMASTER

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

PETER KAVOUNAS, P.E.
General Manager

STAFF REPORT

DATE: June 21, 2018
TO: Advisory Committee Members
SUBJECT: Budget vs. Actual Report for the Period July 1, 2017 through April 30, 2018 -
Financial Report B5 (April 30, 2018)

SUMMARY

Issue: Record of revenues and expenses of Watermaster for the Period of July 1, 2017 through April 30, 2018.

Recommendation: Receive and file Budget vs. Actual Report for the Period July 1, 2017 through April 30, 2018 as presented.

Financial Impact: Funds disbursed were included in the FY 2017/18 "Amended" Watermaster Budget.

Future Consideration

Advisory Committee – June 21, 2018: Receive and File

Watermaster Board – June 28, 2018: Receive and File (Normal Course of Business)

ACTIONS:

Appropriative Pool – June 14, 2018: Received and filed

Non-Agricultural Pool – June 14, 2018: Moved unanimously to receive and file, without approval

Agricultural Pool – June 15, 2018: Received and filed

Advisory Committee – June 21, 2018:

Watermaster Board – June 28, 2018:

BACKGROUND

A Budget vs. Actual Report for the period July 1, 2017 through April 30, 2018 is provided to keep all members apprised of the total revenues and expenses for the current fiscal year. The expense section is categorized into four distinct sections. Those sections are: General and Administrative Expenses; Optimum Basin Management Program Expenses; Project Expenses; and Other Income/Expenses. The Budget vs. Actual report has been created from Intuit QuickBooks Enterprise Solutions 18.0, the Watermaster accounting system. The Budget vs. Actual report provided, balances to the supporting documentation in the Watermaster accounting system, as well as the supporting bank statements.

DISCUSSION

CURRENT MONTH – APRIL 2018

The Chino Basin Watermaster “Original” FY 2017/18 budget of \$11,838,698 was approved by the Board on May 25, 2017. With the closing of the financial records for the fiscal year ended June 30, 2017, the “Carry Over” funding from FY 2016/17 and previous years was calculated at \$4,119,779.24 which brought the “Amended” Budget for FY 2017/18 to \$15,958,477.24 ($\$11,838,698 + \$4,119,779.24 = \$15,958,477.24$). With the approval of Budget Amendment Form A-18-03-01 by the Board on April 26, 2018, the “Amended” FY 2017/18 budget is now \$16,350,693.24 ($\$15,958,477.24 + \$392,216 = \$16,350,693.24$).

Year-To-Date (YTD) for the ten months ending April 30, 2018, all but five categories were at or below the projected budget. The categories over budget were (1) Administration Salary/Benefits expenses (6010’s) which were over budget by \$39,068 or 4.6% as a result of increased staff time and activities in the administrative functions. Please note that the overage is only in the administrative section, not with the entire consolidated staffing budget; (2) Watermaster Legal Services expenses (6070’s) over budget by \$178,051 or 116.1% as a result of miscellaneous legal matters as detailed in the BHFS section; (3) Agricultural Pool Legal Services (8467’s) over budget by \$87,211 or 51.1% as a result of increased legal services performed during the months of July 2017 through April 2018; (4) Production Monitoring expenses (7101’s) over budget by \$10,011 or 22.0% as a result of increased staff time and activities in this area; and (5) Hydraulic Control Monitoring expenses (7108’s) over budget by \$5,447 or 5.5% as a result of increased staff time and activities in this area.

For the majority of the expense categories within the Watermaster budget for FY 2017/18, the individual line-item budgets are divided into 12-monthly amounts and allocated accordingly. As the fiscal year progresses, these categories listed above might level out over time and be within the budget levels.

Overall, the Watermaster (YTD) Actual Expenses were \$8,497,948 or 55.9% below the (YTD) Budgeted Expenses of \$15,206,738.

PREVIOUSLY REPORTED ACTIONS (Descending Order)

March 2018:

For the accounting month of March 2018, Budget Amendment Form A-18-03-01 was recorded in the amount of \$392,216 under the PE 8&9 Storage Management/Conjunctive Use budget (account 7602) in the amount of \$320,201; and under the Ground Level MVWD SCADA Reimbursement budget (account 7107.63) in the amount of \$72,015. The additional funding of \$392,216 came from the OBMP Reserve Fund which had an available balance of \$945,874. The Budget Amendment Form A-18-03-01 was approved by the Board on April 26, 2018, and the new available balance of the OBMP Reserve Fund is now \$553,658 ($\$945,874 - \$392,216 = \$553,658$).

February 2018:

Budget Amendment Form A-18-03-01 in the amount of \$392,216 is being presented for approval during the April 2018 Pools, Advisory and Board meetings regarding two specific budget amounts. The first budget amount of \$320,201 is proposed to increase the PE 8&9 Storage Management/Conjunctive Use

budget (account 7602) from \$182,207 to \$502,408 as a result of a two-year Engineering project which was originally budgeted and approved for \$182,207 for FY 2017/18 during the budgeting process. Due to specific deadlines, Watermaster has requested the timeline be pushed forward and it's now understood that the total two-year expenses of \$502,408 could be spent within the FY 2017/18 period. The budget shortfall of \$320,201 ($\$502,408 - \$182,207 = \$320,201$) was presented and discussed as part of the FY 2017/18 Mid-Year Review at the March 15, 2018 Advisory meeting and March 22, 2018 Board meeting. There were no Pool meetings held in March 2018.

The second budget amount of \$72,015 is for the SCADA Installation, Monitoring and Reimbursement Letter Agreement between Watermaster, Monte Vista Water District, and Wildermuth Environmental, Inc., effective September 28, 2017 Pursuant to the recommendation of the Groundwater Level Monitoring Committee, the Chino Basin Watermaster, through its contract with consultant Wildermuth Environmental Inc., wishes to develop a more extensive supervisory control and data acquisition (SCADA) groundwater level monitoring system in the Monte Vista Water District (MVWD) service area. In order to do so, MVWD will permit the installation of SCADA equipment to several of its wells and integration of the equipment into its existing SCADA system. This project was not included or funded through the FY 2017/18 budget which was approved on May 25, 2017. The SCADA Installation, Monitoring and Reimbursement Letter Agreement, signed by Chino Basin Watermaster, Monte Vista Water District, and Wildermuth Environmental, Inc., is effective September 28, 2017 through June 30, 2020. General Ledger account (7107.63) will be created in FY 2017/18 to capture the expenses associated with this activity.

The additional funding of \$392,216 would come from the OBMP Reserve Fund which currently has an available balance of \$945,874. For more information on Budget Amendment Form A-18-03-01, please see Business Item II.A.

December 2017:

There were no Pool, Advisory or Board meetings scheduled for the month of December 2017.

August 2017:

There were no Pool, Advisory or Board meetings scheduled for the month of August 2017.

July 2017:

During the month of July 2017, the "Carry Over" funding was calculated. The Total "Carry Over" funding amount of \$4,119,779.24 has been posted to the general ledger accounts. The total amount of \$4,119,779.24 consisted of \$3,926,672.24 from Capital Improvement Projects and \$193,107 from Engineering Services. More detailed information is provided regarding this issue under the "Carry Over" Funding section.

The Amended Budget for FY 2017/18 is \$15,958,477.24 which includes \$4,119,779.24 for the prior years "Carry Over" funding. The Original Approved budget for FY 2017/18 of \$11,838,698 was approved by the Watermaster Board on May 25, 2017 ($\$11,838,698 + \$4,119,779.24 = \$15,958,477.24$).

SALARIES EXPENSE

CURRENT MONTH – APRIL 2018

As of April 30, 2018, the total (YTD) Watermaster salary expenses were \$68,361 or 4.6% below the (YTD) budgeted amount of \$1,476,404. The overall staffing budget was developed with a staffing level of ten Full-Time Equivalents (FTE's), and staffing is currently at nine Full-Time Equivalents (FTE's). The position of Water Resources Associate remains vacant and could be recruited in the future as the work demands increase.

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 2017/18 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 April 30, 2018. Please be advised that the "\$ Over Budget" and the "% of Budget" columns are a comparison of the (YTD) Actual to the (YTD) Budget, not the 12-month Annual Budget. The 12-month Annual Budget column is presented only to provide the data in a full and complete format. The following details are provided:

	Jul '17 - Apr '18 Actual	Jul '17 - Apr '18 Budget	\$ Over Budget	% of Budget	FY 2017/18 Annual Budget
WM Salary Expense					
6011 · WM Staff Salaries	893,468.21	802,817.00	90,651.21	111.29%	966,354.00
6011.1 · WM Staff Salaries - Overtime	7,796.66	0.00	7,796.66	100.0%	0.00
6011.4 · 457(f) NQDC Plan	27,661.78	19,758.00	7,903.78	140.0%	23,710.00
6015 · Miscellaneous Payments	0.00	0.00	0.00	0.0%	0.00
6017 · Temporary Services	0.00	17,500.00	-17,500.00	0.0%	21,000.00
6201 · Advisory Committee - WM Staff Salaries	17,252.73	20,526.00	-3,273.27	84.05%	24,708.00
6301 · Watermaster Board - WM Staff Salaries	27,826.44	31,456.00	-3,629.56	88.46%	37,863.00
8301 · Appropriative Pool - WM Staff Salaries	33,001.00	28,115.00	4,886.00	117.38%	33,842.00
8401 · Agricultural Pool - WM Staff Salaries	16,490.71	24,801.00	-8,310.29	66.49%	29,853.00
8501 · Non-Agricultural Pool - WM Staff Salaries	12,367.78	16,247.00	-3,879.22	76.12%	19,557.00
6901 · OBMP - WM Staff Salaries	51,978.51	76,291.00	-24,312.49	68.13%	91,832.00
7101.1 · Production Monitor - WM Staff Salaries	54,865.73	44,855.00	10,010.73	122.32%	53,992.00
7102.1 · In-line Meter - WM Staff Salaries	1,220.13	8,471.00	-7,250.87	14.4%	10,197.00
7103.1 · Grdwater Quality - WM Staff Salaries	18,380.21	46,169.00	-27,788.79	39.81%	55,574.00
7104.1 · Grdwater Level - WM Staff Salaries	43,370.59	33,249.00	10,121.59	130.44%	40,022.00
7106.1 · Wtr Level Sensor - WM Staff Salaries	0.00	0.00	0.00	0.0%	0.00
7107.1 · GrdLevel Monitoring - WM Staff Salaries	3,799.77	0.00	3,799.77	100.0%	0.00
7108.1 · Hydraulic Control - WM Staff Salaries	430.12	2,788.00	-2,357.88	15.43%	3,356.00
7108.11 · Prado Basin - WM Staff Salaries	2,796.11	5,166.00	-2,369.89	54.13%	6,219.00
7201 · Comp Recharge - WM Staff Salaries	48,056.67	78,905.00	-30,848.33	60.9%	94,978.00
7301 · PE3&5 - WM Staff Salaries	0.00	13,306.00	-13,306.00	0.0%	16,017.00
7401 · PE4 - WM Staff Salaries	0.00	8,098.00	-8,098.00	0.0%	9,747.00
7501 · PE6&7 - WM Staff Salaries	5,722.88	3,954.00	1,768.88	144.74%	4,759.00
7501.1 · PE 6&7 - WM Staff Salaries (Plume)	0.00	4,435.00	-4,435.00	0.0%	5,338.00
7601 · PE8&9 - WM Staff Salaries	9,497.82	39,591.00	-30,093.18	23.99%	47,656.00
Subtotal WM Staff Costs	1,275,983.85	1,326,498.00	-50,514.15	96.19%	1,596,574.00
60185 · Vacation	59,293.27	60,414.00	-1,120.73	98.15%	72,497.00
60186 · Sick Leave	22,263.49	42,615.00	-20,351.51	52.24%	51,138.00
60187 · Holidays	50,502.72	46,877.00	3,625.72	107.74%	51,138.00
Subtotal WM Paid Leaves	132,059.48	149,906.00	-17,846.52	88.1%	174,773.00
Total WM Salary Costs	1,408,043.33	1,476,404.00	-68,360.67	95.37%	1,771,347.00

PREVIOUSLY REPORTED ACTIONS (Descending Order)
None

LEGAL SERVICES
BROWNSTEIN HYATT FARBER SCHRECK EXPENSES

CURRENT MONTH – APRIL 2018

As of April 30, 2018, the total (YTD) Watermaster Legal Services expenses (consolidating the three categories of Watermaster Administrative Legal Services, Pool/Advisory/Board Meeting legal expenses, and OBMP legal expenses) were \$30,927 or 3.8% below the (YTD) budgeted amount of \$809,811.

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 2017/18. 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 \$964,783.

WATERMASTER ADMINISTRATIVE LEGAL SERVICES:

Overall, the Watermaster Administrative Legal Services expense (6070's) as of April 30, 2018, was \$178,051 or 116.1% above the budgeted amount of \$153,425. The specific items within the Administrative Legal Services expenses (6070's) which were under budget were the expenses for Rules and Regulations (6072) under budget by \$13,727 or 90.5%; Personnel Matter (6073) under budget by \$5,592 or 22.4%; and Interagency Issues (6074) under budget by \$25,500 or 100.0%. The specific items within the Administrative Legal Services expenses (6070's) which were over budget were the Court Coordination expenses (6071) over budget by \$7,476 or 21.7%; Party Status Maintenance (6077) over budget by \$4,407 or 18.4%; and the Miscellaneous Category expenses (6078) over budget by \$210,987 or 716.2%. Please see Note 1 on the following page for a more detailed explanation of the miscellaneous types of expenses.

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 April 30, 2018 was \$56,311 or 35.5% below the budgeted amount of \$158,493. 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. The legal services budget was developed with the assumption of having eleven months of meetings, intentionally excluding the month of December 2017. The Watermaster parties agreed that during the months of August 2017 and December 2017, the three Pools, the Advisory Committee and the Watermaster Board meetings would not be held. For the month of March 2018, the three Pool meetings were cancelled at the request of each Pool, adding additional cost savings to this category.

OBMP LEGAL SERVICES:

The OBMP legal expenses (accounts 6907.31 through 6907.90) were below the budget for the month. As of April 30, 2018 the category of OBMP legal expenses were \$152,667 or 30.7% below the budgeted amount of \$497,893. The majority of expenses within this OBMP category were under budget (YTD), however, the Santa Ana River Water Rights legal expenses (6907.34) were over budget by \$19,748 or 90.4%; the Safe Yield Redetermination and Reset legal expenses (6907.42) were over budget by \$94,473 or 163.8%; and the Upper Santa Ana River Integrated Model expenses (6907.46) were over budget by \$825 or 100.0%.

The table listed below summarizes the Brownstein Hyatt Farber Schreck (BHFS) expenses as of April 30, 2018 compared to the Year-To-Date (YTD) budget. Please be advised that the "\$ Over Budget" and the "% of Budget" columns are a comparison of the (YTD) Actual to the (YTD) Budget, not the 12-month Annual Budget. The 12-month Annual Budget column is presented only to provide the data in a full and complete format. The following details are provided:

	Jul '17 - Apr '18 Actual	Jul '17 - Apr '18 Budget	\$ Over Budget	% of Budget	FY 2017/18 Annual Budget
6070 · Watermaster Legal Services					
6071 · BHFS Legal - Court Coordination	41,852.45	34,376.00	7,476.45	121.75%	41,250.00
6072 · BHFS Legal - Rules & Regulations	1,447.65	15,175.00	-13,727.35	9.54%	15,175.00
6073 · BHFS Legal - Personnel Matters	19,407.57	25,000.00	-5,592.43	77.63%	25,000.00
6074 · BHFS Legal - Interagency Issues	0.00	25,500.00	-25,500.00	0.0%	30,600.00
6076 · BHFS Legal - Storage Issues	0.00	0.00	0.00	0.0%	0.00
6077 · BHFS Legal - Party Status Maintenance	28,322.95	23,916.00	4,406.95	118.43%	28,700.00
6078 · BHFS Legal - Miscellaneous (Note 1)	240,445.20	29,458.00	210,987.20	816.23%	35,350.00
Total 6070 · Watermaster Legal Services	331,475.82	153,425.00	178,050.82	216.05%	176,075.00
6275 · BHFS Legal - Advisory Committee	8,968.89	15,300.00	-6,331.11	58.62%	18,700.00
6375 · BHFS Legal - Board Meeting	55,532.20	63,180.00	-7,647.80	87.9%	77,220.00
6375.1 · BHFS Legal - Board Workshop(s)	0.00	11,163.00	-11,163.00	0.0%	11,163.00
8375 · BHFS Legal - Appropriative Pool	12,430.95	22,950.00	-10,519.05	54.17%	28,050.00
8475 · BHFS Legal - Agricultural Pool	12,930.52	22,950.00	-10,019.48	56.34%	28,050.00
8575 · BHFS Legal - Non-Ag Pool	12,319.21	22,950.00	-10,630.79	53.68%	28,050.00
Total BHFS Legal Services	102,181.77	158,493.00	-56,311.23	64.47%	191,233.00
6907.3 · WM Legal Counsel					
6907.31 · Archibald South Plume	0.00	20,416.00	-20,416.00	0.0%	24,500.00
6907.32 · Chino Airport Plume	0.00	20,416.00	-20,416.00	0.0%	24,500.00
6907.33 · Desalter/Hydraulic Control	1,954.80	17,937.00	-15,982.20	10.9%	21,525.00
6907.34 · Santa Ana River Water Rights	41,581.87	21,834.00	19,747.87	190.45%	26,200.00
6907.36 · Santa Ana River Habitat	10,313.55	57,750.00	-47,436.45	17.86%	69,300.00
6907.38 · Reg. Water Quality Cntrl Board	5,865.50	11,958.00	-6,092.50	49.05%	14,350.00
6907.39 · Recharge Master Plan	20,070.07	72,000.00	-51,929.93	27.88%	86,400.00
6907.40 · Storage Agreements	70,375.74	144,666.00	-74,290.26	48.65%	173,600.00
6907.41 · Prado Basin Habitat Sustainability	10,354.42	12,666.00	-2,311.58	81.75%	15,200.00
6907.42 · Safe Yield Recalculation	152,138.52	57,666.00	94,472.52	263.83%	69,200.00
6907.44 · SGMA Compliance	31,747.11	36,000.00	-4,252.89	88.19%	43,200.00
6907.46 · Upper SAR Integrated Model	824.85	0.00	824.85	100.0%	0.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	24,584.00	-24,584.00	0.0%	29,500.00
Total 6907 · WM Legal Counsel	345,226.43	497,893.00	-152,666.57	69.34%	597,475.00
Total Brownstein, Hyatt, Farber, Schreck Costs	778,884.02	809,811.00	-30,926.98	96.18%	964,783.00

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) Blomquist outline review; and (20) Miscellaneous legal research on current and pending issues.

PREVIOUSLY REPORTED ACTIONS (Descending Order)
None

OBMP ENGINEERING SERVICES AND LEGAL COSTS

CURRENT MONTH – APRIL 2018

Reviewing in total the OBMP Engineering Services and Legal Costs (consolidating the four categories of OBMP Watermaster Staff and SAWPA, OBMP Engineering Services, OBMP Legal Costs, and OBMP Other Expenses) for the ten months ending April 30, 2018, the actual expenses of \$935,002 were below the budgeted amount of \$1,076,178 by \$141,176 or 13.1%. For a detailed discussion, the following is provided.

For April 30, 2018, the accounts 6901-6903 (Optimum Basin Mgmt. Program) section was below the Year-To-Date (YTD) budget by \$30,145 or 34.0%. Watermaster utilizes an in-house database time and attendance system to record and document staff's actual hours worked and also allocates those hours to a specific project or activity. Watermaster staff time could be charged to Administrative, OBMP, or Implementation Project categories. Recently, Watermaster staff spent less time on specific OBMP related areas as budgeted. As a result, Watermaster staff allocated less actual time to the OBMP project as budgeted, which resulted in an under budget variance of \$24,312 or 31.9%. The remaining expense was the Santa Ana Watershed Project Authority (SAWPA) FY 2017/18 Basin Monitoring Program Task Force Contribution which was budgeted at \$12,254 and actual expenses were \$5,833 or 47.6% below budget as of April 30, 2018.

For April 30, 2018, the accounts 6906 (Optimum Basin Mgmt. Program Engineering Services) section was above the Year-To-Date (YTD) budget by \$46,085 or 9.6%. For FY 2017/18, the OBMP-Safe Yield Redetermination and Reset expenses (6906.73) did not have a budget amount authorized and for the month of March there were no expenses charged to the OBMP-Safe Yield Redetermination and Reset account. The majority of expenses within this OBMP category were under budget (YTD), however, the accounts which were over budget were as follows; The OBMP Engineering Services-Other expenses (6906) which were over budget by \$855 or 3.5%; the SGMA Reporting Requirements expenses (6906.23) which were over budget by \$4,632 or 22.8%; the HCP Meetings/Technical Review-IEUA Cost expenses (6906.27) which were over budget by \$4,070 or 100.0%; the OBMP-Other General Meetings Engineering Services expenses (6906.32) which were over budget by \$48,578 or 160.2%; the OBMP-Data Requests-CBWM Staff Engineering Services expenses (6906.71) which were over budget by \$39,983 or 43.8%; and the OBMP-2018 RMPU Master Update expenses (6906.90) which were over budget by \$32,992 or 60.9%.

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 \$115,046 while some other line item activities were below the budget by \$267,713. Above the budget line items were the Santa Ana River Water Rights expenses of \$19,748; the Safe Yield Redetermination and Reset expenses of \$94,473; and the Upper SAR Integrated Model expenses of \$825. The individual legal projects/activities that were below budget for the Year-To-Date (YTD) period were the Archibald South Plume of \$20,416; the Chino Airport Plume of \$20,416; the Desalter/Hydraulic Control of \$15,982; the Santa Ana River Habitat expenses of \$47,437; the Regional Water Quality Control Board of \$6,093; the Recharge Master Plan of \$51,930; Storage Agreements of \$74,290; the Prado Basin Habitat Sustainability of \$2,312; the SGMA Compliance of \$4,253; and the WM Unanticipated legal expenses of \$24,584. For the ten months ended April 30, 2018, the overall cumulative (YTD) budget was \$497,893 and the actual (BHFS) legal expenses totaled \$345,226 which resulted in an under budget variance of \$152,667 or 30.7%.

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 April 30, 2018 this category of expenses was \$4,448 or 60.0% below the budgeted amount of \$7,417.

The WEI Support for IEUA expenses are categorized within the category (6910's). The individual general ledger accounts are as follows: IRP Groundwater Modeling-WEI expenses (6910.10); As Needed Support for Obtaining Grant Funding of RMPU Projects expenses (6910.11); Preparation of a Compliance Demonstration for Stormwater Recharge expenses (6910.12); Ground Water Velocity Field for the San Sevaime Improvement Project expenses (6910.13); Truing-Up the 2013 RMPU Estimates expenses (6910.14); WEI Support-HCP Modeling expenses (6910.15); and RMPU-MPI Analysis expenses (6910.20). These expenses are billed directly to IEUA on the following month once the payment has been issued to Wildermuth Environmental, Inc. per the agreement. As of April 30, 2018 this category of expenses was fully invoiced in the amount of \$0 to IEUA.

Overall, the Optimum Basin Management Program (OBMP) category was \$935,002 compared to a (YTD) budget of \$1,076,178 for an under budget of \$141,176 or 13.1% as of April 30, 2018.

The table listed below summarizes the Optimum Basin Management Program (OBMP) expenses as of April 30, 2018 compared to the Year-To-Date (YTD) budget. Please be advised that the "\$ Over Budget" and the "% of Budget" columns are a comparison of the (YTD) Actual to the (YTD) Budget, not the 12-month Annual Budget. The 12-month Annual Budget column is presented only to provide the data in a full and complete format. The following details are provided:

	Jul '17 - Apr '18 Actual	Jul '17 - Apr '18 Budget	\$ Over Budget	% of Budget	FY 2017/18 Annual Budget
6900 · Optimum Basin Mgmt Plan					
6901 · WM Staff Salaries	51,978.51	76,291.00	-24,312.49	68.13%	91,832.00
6903 · OBMP SAWPA Group	6,421.00	12,254.00	-5,833.00	52.4%	12,254.00
Total 6901-6903 · OBMP WM Staff/SAWPA	58,399.51	88,545.00	-30,145.49	65.96%	104,086.00
6906 · OBMP Engineering Services					
6906.1 · OBMP - Watermaster Model Update	43,356.60	49,304.00	-5,947.40	87.94%	59,164.00
6906.21 · State of the Basin Report	0.00	0.00	0.00	0.0%	0.00
6906.22 · Water Rights Compliance Reporting	10,489.15	21,274.00	-10,784.85	49.31%	25,528.00
6906.23 · SGMA Reporting Requirements	24,959.35	20,327.00	4,632.35	122.79%	24,392.00
6906.24 · Compliance - SB88 and SWRCB	2,061.90	5,844.00	-3,782.10	35.28%	7,012.00
6906.27 · HCP Meetings/Tech. Review-IEUA Cost	4,069.50	0.00	4,069.50	100.0%	0.00
6906.31 · OBMP - Pool, Advisory, Board Mtgs.	64,692.72	80,792.00	-16,099.28	80.07%	96,950.00
6906.32 · OBMP - Other General Meetings	78,895.26	30,317.00	48,578.26	260.23%	36,381.00
6906.71 · OBMP - Data Requests - CBWM Staff	131,183.40	91,200.00	39,983.40	143.84%	109,440.00
6906.72 · OBMP - Data Requests - Non CBWM	24,338.75	26,460.00	-2,121.25	91.98%	31,752.00
6906.73 · OBMP - Safe Yield Recalculation	0.00	0.00	0.00	0.0%	0.00
6906.74 · OBMP - Mat'l Phy. Injury Requests	16,273.00	58,334.00	-42,061.00	27.9%	70,000.00
6906.75 · OBMP - Recharge Master Plan	0.00	0.00	0.00	0.0%	0.00
6906.81 · Prepare Annual Reports	15,770.15	20,000.00	-4,229.85	78.85%	20,000.00
6906.90 · OBMP - 2018 RMPU Master Update	87,158.54	54,167.00	32,991.54	160.91%	65,000.00
6906 · OBMP Engineering Services - Other	25,159.20	24,304.00	855.20	103.52%	29,164.00
Total 6906 · OBMP Engineering Services	528,407.52	482,323.00	46,084.52	109.56%	574,783.00
6907 · OBMP Legal Fees					
6907.3 · WM Legal Counsel					
6907.31 · Archibald South Plume	0.00	20,416.00	-20,416.00	0.0%	24,500.00
6907.32 · Chino Airport Plume	0.00	20,416.00	-20,416.00	0.0%	24,500.00
6907.33 · Desalter/Hydraulic Control	1,954.80	17,937.00	-15,982.20	10.9%	21,525.00
6907.34 · Santa Ana River Water Rights	41,581.87	21,834.00	19,747.87	190.45%	26,200.00
6907.36 · Santa Ana River Habitat	10,313.55	57,750.00	-47,436.45	17.86%	69,300.00
6907.38 · Reg. Water Quality Cntrl Board	5,865.50	11,958.00	-6,092.50	49.05%	14,350.00
6907.39 · Recharge Master Plan	20,070.07	72,000.00	-51,929.93	27.88%	86,400.00
6907.40 · Storage Agreements	70,375.74	144,666.00	-74,290.26	48.65%	173,600.00
6907.41 · Prado Basin Habitat Sustainability	10,354.42	12,666.00	-2,311.58	81.75%	15,200.00
6907.42 · Safe Yield Recalculation	152,138.52	57,666.00	94,472.52	263.83%	69,200.00
6907.44 · SGMA Compliance	31,747.11	36,000.00	-4,252.89	88.19%	43,200.00
6907.46 · Upper SAR Integrated Model	824.85	0.00	824.85	100.0%	0.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	24,584.00	-24,584.00	0.0%	29,500.00
Total 6907 · WM Legal Counsel	345,226.43	497,893.00	-152,666.57	69.34%	597,475.00
Total 6907 · OBMP Legal Fees	345,226.43	497,893.00	-152,666.57	69.34%	597,475.00
6909 · OBMP Other Expenses					
6909.1 · OBMP Meetings	1,577.57	1,250.00	327.57	126.21%	1,500.00
6909.3 · Other OBMP Expenses	1,391.00	2,000.00	-609.00	69.55%	2,000.00
6909.6 · OBMP Expenses - Miscellaneous	0.00	4,166.66	-4,166.66	0.0%	10,000.00
Total 6909 · OBMP Other Expenses	2,968.57	7,416.66	-4,448.09	40.03%	13,500.00
6910 · WEI Support for IEUA					
6910.10 · IRP Groundwater Modeling - WEI	0.00	0.00	0.00	0.0%	0.00
6910.11 · WEI Support-Grant Funding-RMPU	0.00	0.00	0.00	0.0%	0.00
6910.12 · WEI Support-Stormwater Recharge	0.00	0.00	0.00	0.0%	0.00
6910.13 · IEUA-San Sevaine Improvement Project	0.00	0.00	0.00	0.0%	0.00
6910.14 · Truing-Up 2013 RMPU Estimates	0.00	0.00	0.00	0.0%	0.00
6910.15 · WEI Support-HCP Modeling	0.00	0.00	0.00	0.0%	0.00
6910.20 · RMPU-MPI Analysis	0.00	0.00	0.00	0.0%	0.00
6910.50 · WEI Support for IEUA-Billings	0.00	0.00	0.00	0.0%	0.00
Total 6910 · WEI Support for IEUA	0.00	0.00	0.00	0.0%	0.00
Total 6900 · Optimum Basin Mgmt Plan	935,002.03	1,076,177.66	-141,175.63	86.88%	1,289,844.00

PREVIOUSLY REPORTED ACTIONS (Descending Order)
None

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

CURRENT MONTH – APRIL 2018

As of April 30, 2018, the total (YTD) Engineering Services expenses were \$1,509,393 or 41.5% below the (YTD) budget amount of \$3,639,846. The OBMP Implementation Projects (consolidated accounts 7100's – 7700's) were all under budget as of April 30, 2018, with the exception of the Groundwater Quality-Engineering Services expenses (7103.3) which were over budget by \$3,634 or 2.3%; Ground Level-Contract Services expenses (7107.6) which were over budget by \$4,502 or 3.1%; Hydraulic Control-PBHSP expenses (7108.31 and 7108.41) which were over budget by \$11,250 or 16.5% and \$2,896 or 28.9% respectively; and PE6&7-Cooperative Efforts/Salt Management expenses (7502) which were over budget by \$27,102 or 39.3%.

The Groundwater Quality-Engineering expenses (7103.3) were over budget by \$3,634 or 2.3% as a result of continued measurement activities from about 150 wells along with their related subtasks. This category is projected to level out over the next few months.

The Ground Level-Contracted Services expenses (7107.6) were over budget by \$4,502 or 3.1% as a result of continued activities along with their related subtasks. This category is projected to level out over the next few months.

Hydraulic Control-PBHSP expenses (7108.31 and 7108.41) were over budget by \$11,250 or 16.5% and \$2,896 or 28.9% respectively as a result of continued Prado Basin activities. These two categories are expected to level out over the next few months.

PE 6&7-Cooperative Efforts/Salt Management account (7502) was over budget by \$27,102 or 39.3% as a result of continuing efforts by the engineering staff to attend water-quality meetings, provide technical support on the Chino Airport, South Archibald, and other plumes, and prepare the draft Maximum Benefit Annual Report for 2017 which was due to the Regional Board on April 15, 2018. This category is projected to be over budget by approximately \$17,308 according to the 3rd quarter ECAC report issued as of April 30, 2018.

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 third ECAC report for the current fiscal year has been provided for the period ending March 31, 2018 and shows a projected under budget at fiscal year-end June 30, 2018 of \$44,623.

Attachment 1a
Chino Basin Watermaster: Invoice Projections for Engineering Tasks for Fiscal Year 2017/18
As of March 31, 2018

Acct #	Description	Billed Feb-18	Billed Mar-18	Projected Apr-18	Projected May-18	Projected Jun-18	Total Projected	Less IEUA Portion of Cost Share			
								Total Projected	Under / (Over) Rev. Budget	YTD % Billed Rev. Budget	Projected % Rev. Budget
6906	OBMP Engineering	\$ 31,724	\$ 33,784	\$ 28,230	\$ 31,843	\$ 35,197	\$ 463,944	\$ 463,944	\$ (13,325)	62%	103%
6906.1	OBMP - Watermaster Model Applications	-	-	-	-	-	43,357	43,357	15,807	73%	73%
6906.9	2018 RMPJ Recharge Master Update	30,121	-	-	-	-	87,159	87,159	(22,159)	134%	134%
7103.3	GW and SW Quality - Engineering Services	8,362	22,048	11,000	23,200	21,800	206,234	206,234	(12,520)	78%	106%
7103.5	GW and SW Quality - Laboratory Services	-	4,218	2,132	-	4,500	64,400	64,400	16,253	72%	80%
7104.3	GW Level - Engineering Services	11,708	26,080	14,040	23,742	28,500	237,337	237,337	211	72%	100%
7104.8	GW Level - Contract Services	-	-	-	-	-	-	-	10,000	0%	0%
7104.9	GW Level - Capital Services	-	7,540	-	1,000	7,000	17,492	17,492	(9,492)	119%	219%
7107.2	Ground Level - Engineering Services	3,581	3,828	7,507	5,897	27,592	66,597	66,597	2,900	37%	96%
7107.3	Ground Level - SAR Imagery	-	19,800	65,300	-	-	97,100	97,100	(10,492)	37%	112%
7107.6	Ground Level - Contract Services	-	62,408	20,308	18,869	30,208	166,552	166,552	2,000	58%	99%
7107.8	Ground Level - Capital Equipment	-	-	1,200	500	1,200	3,019	3,019	2,340	2%	56%
7108.31	IEUA - Prado Basin Habitat Monitoring	33,800	30,844	23,450	5,250	1,600	158,645	79,322	2,607	157%	97%
7108.6	IEUA - PBHSP - Outside Pro	-	-	-	-	-	8,858	4,429	571	177%	69%
7109.3	Recharge & Well Monitoring - Engineering Serv.	2,294	-	6,000	3,000	3,000	23,163	23,163	214	48%	99%
7202.2	Comp Recharge - Engineering Services	4,118	971	3,000	5,000	3,000	86,878	86,878	75,098	47%	54%
7303	OBMP - Engineering Services - Desalters	-	-	-	-	-	-	-	9,540	0%	0%
7402	OBMP - Engineering Services - MZ1	10,582	7,247	8,600	16,000	16,000	116,807	116,807	(13,517)	74%	113%
7402.1	OBMP - Engineering Services - Northwest MZ1	3,911	2,527	6,000	14,713	1,541,481	1,663,991	1,663,991	(14,205)	6%	101%
7403	OBMP - Contract Services - MZ1	-	-	-	-	-	-	-	20,000	0%	0%
7502	OBMP - Engineering Services - WQC	9,747	12,975	7,000	1,150	-	96,421	96,421	(17,309)	112%	122%
7510	IEUA - Update Recycled Water Permit - Salinity	33,295	16,110	47,000	56,000	60,714	381,231	125,806	(0)	70%	100%
7602	Storage Management/Conjunctive Use	27,235	31,771	32,000	32,000	26,283	502,408	502,408	(0)	62%	100%
Totals		\$ 210,497	\$ 281,947	\$ 282,767	\$ 238,164	\$ 1,808,075	\$ 4,491,691	\$ 4,162,415	\$ 44,623	62%	99%

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

5/2/2018--11:35 AM
2017-18CBWM_Invoice_Summary_ISBM_20180411--Prjction Summary



Attachment 1a
Chino Basin Watermaster: Invoice Projections for Engineering Tasks for Fiscal Year 2017/18
As of March 31, 2018

Acct #	Description	Original Budget	Revised Budget	Billed Jul-17	Billed Aug-17	Billed Sep-17	Billed Oct-17	Billed Nov-17	Billed Dec-17	Billed Jan-18
6906	OBMP Engineering	\$ 450,619	\$ 450,619	\$ 35,585	\$ 39,218	\$ 41,880	\$ 53,951	\$ 40,854	\$ 39,387	\$ 52,812
6906.1	OBMP - Watermaster Model Applications	59,164	59,164	-	12,605	-	30,262	-	-	490
6906.9	2018 RMPJ Recharge Master Update	65,000	65,000	10,560	21,059	-	9,545	-	2,657	5,217
7103.3	GW and SW Quality - Engineering Services	193,714	193,714	10,926	22,150	19,365	24,479	10,467	9,207	23,210
7103.5	GW and SW Quality - Laboratory Services	80,653	80,653	2,032	14,256	9,850	5,785	8,786	10,411	2,432
7104.3	GW Level - Engineering Services	237,548	237,548	12,010	14,070	10,271	18,191	24,964	42,168	11,592
7104.8	GW Level - Contract Services	10,000	10,000	-	-	-	-	-	-	-
7104.90	GW Level - Capital Services	8,000	8,000	599	579	-	-	268	504	-
7107.2	Ground Level - Engineering Services	48,795	69,497	3,383	4,032	1,401	2,482	1,767	630	4,497
7107.3	Ground Level - SAR Imagery	86,608	86,608	-	-	12,000	-	-	-	-
7107.6	Ground Level - Contract Services	144,356	169,552	14,296	-	-	-	-	16,498	4,007
7107.8	Ground Level - Capital Equipment	5,359	5,359	-	-	119	-	-	-	-
7108.31	IEUA - Prado Basin Habitat Monitoring	75,929	81,929	7,835	857	-	16,039	7,693	6,354	25,324
7108.6	IEUA - PBHSP - Outside Pro	5,000	5,000	-	-	-	8,858	-	-	-
7109.3	Recharge & Well Monitoring - Engineering Serv.	23,377	23,377	-	902	-	1,526	6,440	-	-
7202.2	Comp Recharge - Engineering Services	181,976	181,976	14,432	17,759	17,227	6,391	9,938	2,384	2,679
7303	OBMP - Engineering Services - Desalters	9,640	9,640	-	-	-	-	-	-	-
7402	OBMP - Engineering Services - MZ1	103,290	103,290	26,638	6,145	13,179	3,387	653	1,105	5,271
7402.1	OBMP - Engineering Services - Northwest MZ1	1,507,576	1,649,785	3,149	27,000	16,690	14,693	19,327	12,119	2,381
7403	OBMP - Contract Services - MZ1	20,000	20,000	-	-	-	-	-	-	-
7502	OBMP - Engineering Services - WQC	79,113	79,113	11,419	12,542	4,886	2,809	4,307	24,006	5,480
7510	IEUA - Update Recycled Water Permit - Salinity	125,806	125,806	10,850	2,187	51,346	54,156	5,260	12,753	31,562
7602	Storage Management/Conjunctive Use	182,207	502,408	24,218	46,296	54,690	65,131	64,961	49,697	48,107
Totals		\$ 3,683,730	\$ 4,197,038	\$ 197,730	\$ 241,657	\$ 252,604	\$ 317,785	\$ 205,706	\$ 229,799	\$ 224,861

5/2/2018--11:36 AM
2017-18CBWM_Invoice_Summary_ISBM_20180411--Prjction Summary



The Fiscal Year 2017/18 Progress and Estimated Cost at Completion for the Period July 1, 2017 through March 31, 2018 report from Wildermuth Environmental, Inc. is provided. Please access this link:

http://www.cbwm.org/FTP/ECAC%20Reports/2017-18%203rd%20Quarter%20Narrative%20Review_July%201,%202017%20to%20March%2031,%202018.PDF

The fourth and final ECAC report is scheduled to be issued in mid-August 2018 for the period July 1, 2017 through June 30, 2018. This report will provide the detail for the funding of ongoing projects and

activities which will be Carried-Over into FY 2018/19. At the current time, it is anticipated that the following projected amounts could be Carried-Over from FY 2017/18 to FY 2018/19:

Ground Level Monitoring-Engineering (Account 7107.2): \$20,702
 Ground Level Monitoring-Contract Services (Account 7107.6): \$9,900
 PE4 Northwest MZ-1 Area Project (Account 7402.10): \$1,536,481

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

The table listed below summarized the Year-To-Date (YTD) Actual Wildermuth Environmental, Inc., (WEI) and other Engineering costs compared to the Year-To-Date (YTD) Budget as of April 30, 2018. Please be advised that the "\$ Over Budget" and the "% of Budget" columns are a comparison of the (YTD) Actual to the (YTD) Budget, not the 12-month Annual Budget. The 12-month Annual Budget column is presented only to provide the data in a full and complete format. The following details are provided:

	Jul '17 - Apr '18	Jul '17 - Apr '18			FY 2017/18
	Actual	Budget	\$ Over Budget	% of Budget	Annual Budget
6906 · OBMP Engineering Services - Other	25,159.20	24,304.00	855.20	103.52%	29,164.00
6906.1 · OBMP - Watermaster Model Update	43,356.60	49,304.00	-5,947.40	87.94%	59,164.00
6906.21 · State of the Basin Report	0.00	0.00	0.00	0.0%	0.00
6906.22 · Water Rights Compliance Reporting	10,489.15	21,274.00	-10,784.85	49.31%	25,528.00
6906.23 · SGMA Reporting Requirements	24,959.35	20,327.00	4,632.35	122.79%	24,392.00
6906.24 · Compliance - SB88 and SWRCB	2,061.90	5,844.00	-3,782.10	35.28%	7,012.00
6906.25 · Initial Assessment - Section 4.5-SYRA	0.00	0.00	0.00	0.0%	0.00
6906.27 · HCP Meetings/Technical Review-IEUA Cost	4,069.50	0.00	4,069.50	100.0%	0.00
6906.31 · OBMP - Pool, Advisory, Board Mtgs.	64,692.72	80,792.00	-16,099.28	80.07%	96,950.00
6906.32 · OBMP - Other General Meetings	78,895.26	30,317.00	48,578.26	260.23%	36,381.00
6906.71 · OBMP - Data Requests - CBWM Staff	131,183.40	91,200.00	39,983.40	143.84%	109,440.00
6906.72 · OBMP - Data Requests - Non CBWM	24,338.75	26,460.00	-2,121.25	91.98%	31,752.00
6906.74 · OBMP - Mat'l Physical Injury Requests	16,273.00	58,334.00	-42,061.00	27.9%	70,000.00
6906.81 · Prepare Annual Reports	15,770.11	20,000.00	-4,229.90	78.85%	20,000.00
6906.90 · OBMP - 2018 RMPU Master Update	87,158.54	54,167.00	32,991.54	160.91%	65,000.00
7103.3 · Grdwtr Qual-Engineering	165,061.55	161,428.00	3,633.55	102.25%	193,714.00
7103.5 · Grdwtr Qual-Lab Svcs	38,825.00	58,653.00	-19,828.00	66.19%	58,653.00
7104.3 · Grdwtr Level-Engineering	196,210.11	197,956.00	-1,745.89	99.12%	237,548.00
7104.8 · Grdwtr Level-Contracted Services	0.00	8,334.00	-8,334.00	0.0%	10,000.00
7104.9 · Grdwtr Level-Capital Equipment	843.20	6,666.00	-5,822.80	12.65%	8,000.00
7107.2 · Grd Level-Engineering	28,403.21	57,915.00	-29,511.79	49.04%	69,497.00
7107.3 · Grd Level-SAR Imagery	12,000.00	86,608.00	-74,608.00	13.86%	86,608.00
7107.6 · Grd Level-Contract Svcs	148,994.20	144,492.00	4,502.20	103.12%	168,552.00
7107.8 · Grd Level-Capital Equipment	0.00	4,466.00	-4,466.00	0.0%	5,359.00
7108.3 · Hydraulic Control-Engineering	0.00	0.00	0.00	0.0%	0.00
7108.31 · Hydraulic Control-PBHSP	79,523.80	68,274.00	11,249.80	116.48%	81,929.00
7108.32 · Hydraulic Control-Adaptive Mgmt Plan	0.00	0.00	0.00	0.0%	0.00
7108.4 · Hydraulic Control-Lab Svcs	8,528.00	8,334.00	194.00	102.33%	10,000.00
7108.41 · Hydraulic Control-PBHSP	12,896.00	10,000.00	2,896.00	128.96%	12,000.00
7108.6 · Hydraulic Control-Outside Professionals	0.00	4,166.00	-4,166.00	0.0%	5,000.00
7109.3 · Recharge & Well - Engineering	16,319.10	19,481.00	-3,161.90	0.0%	23,377.00
7202.2 · Comp Recharge-Engineering Services	77,441.10	134,980.00	-57,538.90	57.37%	161,976.00
7303 · PE3&5-Engineering - Other	0.00	8,034.00	-8,034.00	0.0%	9,640.00
7402 · PE4-Engineering	83,971.72	86,075.00	-2,103.28	97.56%	103,290.00
7402.10 · PE4-MZ1 Pomona Project	112,607.35	1,398,822.00	-1,286,214.65	8.05%	1,649,785.00
7403 · PE4-Contract Svcs	0.00	16,666.00	-16,666.00	0.0%	20,000.00
7502 · PE6&7-Engineering	96,028.87	68,927.00	27,101.87	139.32%	79,113.00
7510 · PE6&7-IEUA Salinity Mgmt. Plan	78,415.22	104,838.00	-26,422.78	74.8%	125,806.00
7602 · PE8&9-Engineering	445,977.27	502,408.00	-56,430.73	88.77%	502,408.00
Total Engineering Services Costs	2,130,453.18	3,639,846.00	-1,509,392.83	58.53%	4,197,038.00 *

* Wildermuth and Subcontractor Engineering Budget of \$3,683,730 plus Carryover Funds from FY 2016/17 of \$193,107 plus Budget Amendment Form A-18-03-01 of \$320,201 = \$4,197,038
 Carryover Funds from FY 2016/17 of \$193,107 = \$20,702 (7107.2); \$24,196 (7107.6); \$6,000 (7108.31); and \$142,209 (7402.10)
 Budget Amendment Form A-18-03-01 of \$320,201 (7602)

PREVIOUSLY REPORTED ACTIONS (Descending Order)

March 2018:

Budget Amendment Form A-18-03-01, which was approved by the Watermaster Board on April 26, 2018, increased the Engineering Services budget by the amount of \$320,201 within the PE 8&9 Storage Management/Conjunctive Use budget (account 7602). The previous Amended Budget was \$3,876,837 and with the addition of \$320,201 the new Amended Budget for Engineering Services is \$4,197,038 ($\$3,876,837 + \$320,201 = \$4,197,038$).

The increase of \$182,207 to \$502,408 was a result of a two-year Engineering project which was originally budgeted and approved for \$182,207 for FY 2017/18 during the budgeting process. The consultant costs increased due to unexpected difficulties in acquiring planning information from some parties and from the inclusion of additional baseline scenarios that were requested by the parties during workshops. Further, the engineering work was accelerated to ensure that certain information be made available to the Appropriative and Overlying Agricultural Pools to comply with the requirements of the tolling agreement among them, and to provide decision-support information to the various parties involved in the development of groundwater Storage and Recovery projects for the so-called Chino Basin Water Bank, IEUA's Proposition 1 Grant Proposal to develop a storage and recovery program in the Chino Basin, and the proposed Chino Basin storage element in the Santa Ana River Conservation and Conjunctive-Use Program (SARCCUP). The table below illustrates the change in the total effort cost and the changes in each fiscal year.

	FY 2017/18	FY 2018/19	Effort Total
Original Concept	\$182,207	\$161,004	\$343,211
Revised Concept	\$502,408	\$105,348	\$607,756
Change for FY	\$320,201	(\$55,656)	\$264,545

December 2017:

The second ECAC report for the current fiscal year has been provided for the period ending December 31, 2017 and shows a projected over budget at fiscal year-end June 30, 2018 of \$407,335. The majority of the projected budget overage is in the Storage Management/Conjunctive Use expenses (7602). This activity was originally developed and designed as a two year-project and budgeted accordingly during the FY 2017/18 budgeting process. Due to specific deadlines, Watermaster has requested the timeline be pushed forward and the total budget for this fiscal year is projected at \$344,081 (or more depending upon the scope of work). If the activities are being completed earlier than projected, a Budget Amendment during FY 2017/18 would need to be presented for approval to continue the funding.

Attachment 1a
Chino Basin Watermaster: Invoice Projections for Engineering Tasks for Fiscal Year 2017/18
As of December 31, 2017

Acct #	Description	Original Budget	Revised Budget	Billed Jul-17	Billed Aug-17	Billed Sep-17	Billed Oct-17	Billed Nov-17	Billed Dec-17	Projected Jan-18
6906	OBMP Engineering	\$ 450,819	\$ 450,819	\$ 35,585	\$ 39,218	\$ 41,580	\$ 53,951	\$ 40,854	\$ 39,367	\$ 34,242
6906.1	OBMP - Watermaster Model Applications	59,164	59,164	-	12,605	-	30,262	-	-	-
6906.9	2018 RMPU Recharge Master Update	65,000	65,000	18,560	21,059	-	9,545	-	2,657	5,000
7103.3	GW and SW Quality - Engineering Services	193,714	193,714	10,926	22,150	19,365	24,479	10,467	9,207	26,925
7103.5	GW and SW Quality - Laboratory Services	80,653	80,653	2,032	14,256	9,850	5,785	8,786	10,411	2,132
7104.3	GW Level - Engineering Services	237,548	237,548	12,010	14,070	10,271	18,191	24,964	42,169	15,600
7104.8	GW Level - Contract Services	10,000	10,000	-	-	-	-	-	-	-
7104.9	GW Level - Capital Services	8,000	8,000	599	579	-	-	268	504	-
7107.2	Ground Level - Engineering Services	48,795	69,497	3,383	4,032	1,401	2,482	1,767	630	4,359
7107.3	Ground Level - SAR Imagery	86,808	86,808	-	-	12,000	-	-	-	-
7107.6	Ground Level - Contract Services	144,355	168,552	14,296	-	-	-	-	16,458	-
7107.8	Ground Level - Capital Equipment	5,359	5,359	-	-	119	-	-	-	500
7108.31	IEUA - Prado Basin Habitat Monitoring	75,929	81,929	7,635	857	-	16,039	7,693	6,354	34,480
7108.6	IEUA - PBHSP - Outside Pro	5,000	5,000	-	-	-	8,858	-	-	-
7109.3	Recharge & Well Monitoring - Engineering Serv.	23,377	23,377	-	902	-	1,526	6,440	-	-
7202.2	Comp Recharge - Engineering Services	161,976	161,976	14,432	17,759	17,227	6,391	9,938	2,364	10,054
7303	OBMP - Engineering Services - Desalters	9,640	9,640	-	-	-	-	-	-	1,071
7402	OBMP - Engineering Services - MZ1	103,290	103,290	28,638	6,145	13,179	3,387	653	1,106	2,000
7402.1	OBMP - Engineering Services - Northwest MZ1	1,507,576	1,649,785	3,149	27,000	16,690	14,693	19,327	12,119	228,879
7403	OBMP - Contract Services - MZ1	20,000	20,000	-	-	-	-	-	-	-
7502	OBMP - Engineering Services - WQC	79,113	79,113	11,419	12,542	4,886	2,909	4,307	24,006	19,000
7510	IEUA - Update Recycled Water Permit - Salinity	125,806	125,806	10,850	2,187	51,346	54,156	5,260	12,753	28,253
7602	Storage Management/Conjunctive Use	182,207	182,207	24,218	46,296	54,690	65,131	64,981	49,697	60,549
Totals		\$ 3,683,730	\$ 3,876,837	\$ 197,730	\$ 241,657	\$ 252,604	\$ 317,785	\$ 205,706	\$ 228,799	\$ 473,044

1/24/2018--10:17 AM
2017-18CBWM_Invoice_Summary_ISBM_20180108--Projection Summary



Attachment 1a
Chino Basin Watermaster: Invoice Projections for Engineering Tasks for Fiscal Year 2017/18
As of December 31, 2017

Acct #	Description	Projected Feb-18	Projected Mar-18	Projected Apr-18	Projected May-18	Projected Jun-18	Total Projected	Less IEUA Portion of Cost Share			
								Total Projected	Under / (Over) Rev. Budget	YTD % Billed Rev. Budget	Projected % Rev. Budget
6906	OBMP Engineering	\$ 39,504	\$ 40,208	\$ 35,300	\$ 32,504	\$ 32,504	\$ 464,818	\$ 464,818	\$ (14,199)	56%	103%
6906.1	OBMP - Watermaster Model Applications	-	-	-	-	-	42,867	42,867	16,299	72%	72%
6906.9	2018 RMPU Recharge Master Update	10,000	10,000	10,000	10,000	10,000	106,621	106,621	(41,821)	80%	164%
7103.3	GW and SW Quality - Engineering Services	26,000	20,200	9,400	3,000	19,800	201,919	201,919	(8,205)	50%	104%
7103.5	GW and SW Quality - Laboratory Services	2,500	4,689	2,132	-	4,689	67,260	67,260	13,393	63%	83%
7104.3	GW Level - Engineering Services	19,800	20,050	15,740	26,882	21,664	241,401	241,401	(3,853)	51%	102%
7104.8	GW Level - Contract Services	-	-	-	-	-	-	-	10,000	0%	0%
7104.9	GW Level - Capital Services	-	-	-	-	6,000	7,951	7,951	49	24%	99%
7107.2	Ground Level - Engineering Services	6,162	3,046	4,144	4,887	1,355	37,650	37,650	31,847	20%	54%
7107.3	Ground Level - SAR Imagery	18,608	-	56,000	10,492	-	97,100	97,100	(10,492)	14%	112%
7107.6	Ground Level - Contract Services	32,325	32,325	38,853	22,395	-	156,652	156,652	11,800	18%	93%
7107.8	Ground Level - Capital Equipment	1,000	500	1,000	500	1,000	4,619	4,619	740	2%	86%
7108.31	IEUA - Prado Basin Habitat Monitoring	43,400	20,446	13,746	4,460	2,078	157,210	78,605	3,324	47%	96%
7108.6	IEUA - PBHSP - Outside Pro	-	-	-	-	-	8,858	4,429	571	177%	89%
7109.3	Recharge & Well Monitoring - Engineering Serv.	1,700	-	4,000	2,000	2,000	18,569	18,569	4,808	39%	79%
7202.2	Comp Recharge - Engineering Services	12,569	15,054	15,054	17,554	15,057	153,452	153,452	8,524	42%	95%
7303	OBMP - Engineering Services - Desalters	1,071	1,071	1,071	1,071	1,071	6,427	6,427	3,213	0%	67%
7402	OBMP - Engineering Services - MZ1	11,032	10,600	15,000	14,000	10,640	116,379	116,379	(13,069)	51%	113%
7402.1	OBMP - Engineering Services - Northwest MZ1	237,122	234,649	154,766	232,354	461,315	1,642,060	1,642,060	7,725	6%	100%
7403	OBMP - Contract Services - MZ1	-	-	5,000	5,000	-	10,000	10,000	10,000	0%	50%
7502	OBMP - Engineering Services - WQC	10,395	13,860	6,930	-	-	110,254	110,254	(31,741)	76%	139%
7510	IEUA - Update Recycled Water Permit - Salinity	35,000	30,000	35,000	30,000	30,000	324,804	107,165	19,621	103%	65%
7602	Storage Management/Conjunctive Use	60,549	60,549	60,549	60,549	-	607,756	607,756	(425,549)	167%	334%
Totals		\$ 568,737	\$ 617,248	\$ 483,684	\$ 477,668	\$ 619,162	\$ 4,504,824	\$ 4,284,172	\$ (407,336)	37%	118%

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

1/24/2018--10:17 AM
2017-18CBWM_Invoice_Summary_ISBM_20180108--Projection Summary



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

The Fiscal Year 2017/18 Progress and Estimated Cost at Completion for the Period July 1, 2017 through December 31, 2017 report from Wildermuth Environmental, Inc. is provided. Please access this link:

http://www.cbwm.org/FTP/ECAC%20Reports/2017-18%202nd%20Quarter%20Narrative%20Review_July%201,%202017%20to%20December%2031,%202017.PDF

The third ECAC report is scheduled to be issued in mid-May 2018 for the period July 1, 2017 through March 31, 2018.

November 2017:

The first ECAC report for the current fiscal year has been provided for the period ending September 30, 2017 and shows a projected over budget at fiscal year-end June 30, 2018 of \$117,029. The majority of the projected budget overage in the amount of \$161,874 is in the Storage Management/Conjunctive Use expenses (7602). This activity was originally developed and designed as a two year-project and budgeted accordingly during the FY 2017/18 budgeting process. Due to specific deadlines, Watermaster has requested the timeline be pushed forward and the total budget for this fiscal year is projected at \$344,081. If the activities are being completed earlier than projected, a Budget Amendment during FY 2017/18 would need to be presented for approval to continue the funding.

The other category projected to be over budget by the amount of \$36,631 at June 30, 2018 is the expenses related to Update IEUA's Recycled Water Permits/Maximum Benefit Salinity Management Plan for the Chino Basin expenses (7510). This category could be funded through a Budget Amendment, as described above, or through a Budget Transfer. As an offset to the accounts projected to be over budget, there are also some activities that are projected to be under budget at fiscal year-end June 30, 2018.

Attachment 1a
Chino Basin Watermaster: Invoice Projections for Engineering Tasks for Fiscal Year 2017/18
As of September 30, 2017

Acct #	Description	Original Budget	Revised Budget	Billed Jul-17	Billed Aug-17	Billed Sep-17	Projected Oct-17	Projected Nov-17	Projected Dec-17	Projected Jan-18
6605	OBMP Engineering	\$ 450,819	\$ 450,819	\$ 35,595	\$ 39,218	\$ 41,590	\$ 52,865	\$ 42,004	\$ 28,809	\$ 39,882
6605.1	OBMP - Watermaster Model Applications	59,184	59,184	-	12,835	-	30,000	2,070	2,070	2,070
6605.2	2018 RMPU Recharge Master Update	85,000	85,000	19,530	21,059	-	10,000	1,923	1,923	1,923
7103.3	GW and SW Quality - Engineering Services	193,714	193,714	10,828	22,150	16,385	23,910	13,044	21,326	11,867
7103.5	GW and SW Quality - Laboratory Services	80,663	80,663	2,032	14,258	9,890	12,942	10,000	14,897	2,132
7104.3	GW Level - Engineering Services	237,548	237,548	12,010	14,070	10,271	16,349	28,760	22,158	16,159
7104.9	GW Level - Contract Services	10,000	10,000	-	-	-	-	-	-	-
7104.9D	GW Level - Capital Services	9,000	9,000	599	579	-	-	-	-	1,700
7107.2	Ground Level - Engineering Services	49,765	69,497	3,393	4,032	1,401	3,050	9,461	7,193	8,359
7107.3	Ground Level - SAR Imagery	88,808	88,808	-	-	12,000	-	12,167	-	-
7107.3	Ground Level - Contract Services	144,359	169,552	14,298	-	-	-	-	11,900	-
7107.8	Ground Level - Capital Equipment	5,359	5,359	-	-	119	-	500	500	500
7108.31	IEUA - Prado Basin Habitat Monitoring	75,929	81,929	7,935	857	-	16,465	16,618	24,460	27,480
7108.8	IEUA - PBHSP - Outside Pro	5,000	5,000	-	-	-	8,358	-	-	-
7108.3	Recharge & Well Monitoring - Engineering Serv.	23,377	23,377	-	902	-	3,000	2,700	1,200	1,200
7202.2	Comp Recharge - Engineering Services	161,678	161,678	14,432	17,759	17,227	6,503	9,654	12,353	9,854
7303	OBMP - Engineering Services - Desalters	9,649	9,649	-	-	-	-	1,071	1,071	1,071
7402	OBMP - Engineering Services - MZ1	103,290	103,290	29,836	8,145	13,179	1,500	1,000	1,500	2,000
7402.1	OBMP - Engineering Services - Northwest MZ1	1,507,579	1,649,785	3,149	27,000	16,890	15,460	241,353	232,447	228,979
7403	OBMP - Contract Services - MZ1	20,000	20,000	-	-	-	-	-	-	-
7502	OBMP - Engineering Services - WQC	79,113	79,113	11,419	12,542	4,896	3,000	2,358	2,000	7,878
7510	IEUA - Update Recycled Water Permit - Salinity	125,808	125,808	10,850	2,187	51,346	55,000	40,644	40,644	18,000
7602	Storage Management/Conjunctive Use	182,207	182,207	24,218	48,298	54,890	65,000	21,693	21,693	21,983
Totals		\$ 3,683,730	\$ 3,876,837	\$ 197,730	\$ 241,657	\$ 252,434	\$ 323,931	\$ 457,905	\$ 446,312	\$ 402,114

11/15/2017--3:18 AM
2017-18CBWM_Invoice_Summary_ISBM_20171011ECAC--Projection Summary



Attachment 1a
Chino Basin Watermaster: Invoice Projections for Engineering Tasks for Fiscal Year 2017/18
As of September 30, 2017

Acct #	Description	Projected Feb-18	Projected Mar-18	Projected Apr-18	Projected May-18	Projected Jun-18	Total Projected	Less IEUA Portion of Cost Share			
								Total Projected	Under / (Over) Rev. Budget	YTD % Billed Rev. Budget	Projected % Rev. Budget
6908	OEMP Engineering	\$ 37,204	\$ 44,004	\$ 32,504	\$ 32,504	\$ 32,504	\$ 456,075	\$ 456,075	\$ (5,459)	28%	101%
6908.1	OEMP - Watermaster Model Applications	2,070	2,070	2,070	2,070	2,069	59,164	59,164	-	21%	100%
6908.9	2018 RMPU Recharge Master Update	1,923	1,923	1,923	1,923	1,920	65,000	65,000	-	91%	100%
7103.3	GW and SW Quality - Engineering Services	14,725	18,500	7,464	4,725	22,648	190,678	160,678	3,039	27%	99%
7103.5	GW and SW Quality - Laboratory Services	-	4,888	2,192	-	4,898	78,937	78,937	3,719	32%	95%
7104.3	GW Level - Engineering Services	22,810	20,509	14,058	28,199	21,164	224,340	224,340	13,209	15%	84%
7104.9	GW Level - Contract Services	-	-	-	10,000	-	10,000	10,000	-	0%	100%
7104.9	GW Level - Capital Services	-	-	-	-	5,180	7,978	7,978	22	15%	100%
7107.2	Ground Level - Engineering Services	9,127	7,046	8,188	8,044	2,598	67,552	67,552	1,845	13%	95%
7107.3	Ground Level - SAR Imagery	18,608	-	58,000	-	-	98,775	98,775	(12,187)	14%	114%
7107.6	Ground Level - Contract Services	32,325	32,325	39,853	25,002	12,951	168,552	168,552	-	8%	100%
7107.9	Ground Level - Capital Equipment	500	459	600	1,000	600	5,278	5,279	91	2%	99%
7108.31	IEUA - Prado Basin Habitat Monitoring	24,828	19,448	13,746	4,490	2,078	158,371	79,185	2,744	10%	97%
7108.3	IEUA - PBHSP - Outside Pro	-	-	-	-	-	8,958	4,429	571	0%	89%
7108.3	Recharge & Well Monitoring - Engineering Serv.	2,700	1,200	4,000	2,700	1,477	21,079	21,079	2,299	4%	90%
7202.2	Comp Recharge - Engineering Services	12,169	14,854	14,854	17,154	15,793	161,976	161,976	-	31%	100%
7303	OEMP - Engineering Services - Desalters	1,071	1,071	1,071	1,071	1,071	8,589	8,589	1,071	0%	89%
7402	OEMP - Engineering Services - MZ1	11,032	10,600	15,000	14,000	16,500	115,069	115,069	(11,803)	46%	111%
7402.1	OEMP - Engineering Services - Northwest MZ1	228,029	234,649	163,766	228,354	6,500	1,827,274	1,527,274	22,511	3%	99%
7403	OEMP - Contract Services - MZ1	-	5,000	5,000	9,500	500	20,900	20,000	-	0%	100%
7502	OEMP - Engineering Services - WQC	10,395	13,860	8,800	1,850	1,100	79,113	79,113	-	36%	100%
7510	IEUA - Update Recycled Water Permit - Salinity	15,015	22,847	22,647	22,647	22,647	324,975	182,437	(38,531)	51%	128%
7602	Storage Management/Conjunctive Use	21,983	21,693	21,693	21,693	-	344,061	344,061	(181,674)	35%	189%
Totals		\$ 466,313	\$ 476,634	\$ 431,729	\$ 435,084	\$ 168,075	\$ 4,299,917	\$ 4,053,868	\$ (177,029)	84%	111%

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

11/15/2017-9:18 AM
2017-18CBWM_Invoice_Summary_ISBM_20171011ECAC--Projection Summary



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

The Fiscal Year 2017/18 Progress and Estimated Cost at Completion for the Period July 1, 2017 through September 30, 2017 report from Wildermuth Environmental, Inc. is provided. Please access this link:

http://www.cbwm.org/FTP/ECAC%20Reports/2017-18%201st%20Quarter%20Narrative%20Review_July%201,%202017%20to%20September%2030,%202017.PDF

The second ECAC report is scheduled to be issued in mid-February 2018 for the period July 1, 2017 through December 31, 2017.

July 2017:

The breakdown of the total Task Order amount of \$3,683,730 includes direct labor costs for Wildermuth Environmental, Inc. (55.9%) along with other direct charges such as equipment rental, laboratory fees, travel costs, reproduction costs, and outside professional services (44.1%).

The approved "Original" Engineering Services budget of \$3,683,730 was increased by "Carry Over" funding in the amount of \$193,107 to the "Amended" amount of \$3,876,837 for FY 2017/18 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 2017/18 timeframe or future years. The Carry-Over amount of \$193,107 from FY 2016/17 to the FY 2017/18 budget are provided in detail as follows:

- 7107.2 Ground-Level – Engineering Services of \$20,702. This budget was for work to identify and install a new horizontal extensometer in the Managed Area. This work was not performed in FY 2016/17 because the GLMC did not recommend the installation of a horizontal extensometer as of yet, and may not recommend the installation in FY 2017/18. The budget is recommended to be carried over because the GLMC may recommend the use of this budget in FY 2017/18 to install additional benchmark monuments across the historical fissure zone for monitoring of ground motion via traditional leveling surveys and electronic distance measurements.
- 7107.6 Ground-Level – Contract Services of \$24,196. This budget was for Outside Professional services to assist with identifying and installing a new horizontal extensometer in the Managed Area. This work was not performed in FY 2016/17 because the GLMC did not recommend the installation of

a horizontal extensometer as of yet, and may not recommend the installation in FY 2017/18. The budget is recommended to be carried over because the GLMC may recommend the use of this budget in FY 2017/18 to install additional benchmark monuments across the historical fissure zone for monitoring of ground motion via traditional leveling surveys and electronic distance measurements.

3. 7108.31 HCMP – Engineering Services for \$6,000. This carryover budget is for finalizing the 2016 Annual Report of the PBHSC, including responding to comments from the state and federal Fish and Wildlife departments.
4. 7402.1 OBMP Engineering Services Northwest MZ-1 for \$142,209. This carryover budget is for work not performed in FY 2016/17 including: (i) finalizing the Categorical Exemption for the Pomona Extensometer to comply with CEQA; (ii) support for preparation of the bid package for selection of the drilling contractor; (iii) support for the bid and contractor selection; (iv) updating the SCADA systems for MVWD and City of Pomona to collect high-resolution production and water-level data; and (v) finalizing the reports on the hydrogeology of the Northwest MZ-1 Area and the modeling of subsidence management alternatives. All of this work will be completed in FY 2017/18.

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

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

- a. Ad-Hoc Meetings
- b. Preparation of scope and budget for the Program
- c. Project administration and financial reporting

6. Other costs required to fulfill the requirements of Peace II Subsequent EIR mitigation measure 4.4-3.

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

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

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

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

	Wildermuth Environmental, Inc.	50% Billing "TO" IEUA	50% Billing "FROM" IEUA	Costs For Watermaster
Jul. 2017 - Apr. 2018	\$ 159,047.63	\$ (79,523.80)	\$ -	\$ 79,523.84
Totals	\$ 159,047.63	\$ (79,523.80)	\$ -	\$ 79,523.84
	7108.31	7108.31	7108.31	
Maximum Costs	\$ 161,860.00	\$ 80,930.00	\$ 80,930.00	\$ 80,930.00

PREVIOUSLY REPORTED ACTIONS (Descending Order)

July 2017:

Start-up Costs

The Prado Basin Habitat Sustainability Program came about as a result of the Peace II Agreement SEIR mitigation measure 4.4-3 and was adopted by IEUA's Board in October, 2010. The purpose of the mitigation measure was to ensure that the Prado Basin riparian habitat was not impacted by Hydraulic Control. The basic program tasks were to convene a committee that would develop this adaptive management plan, to install necessary monitoring wells, to complete vegetation and aerial surveys, and to implement photo station monitoring. In terms of the financial aspects of this program, there was a cost sharing agreement, which was approved by the Watermaster Board in September, 2012 for a total budget of \$440,000. The cost sharing agreement between IEUA and Watermaster was increased from \$220,000 to \$300,000 effective August 22, 2013 with the approval of the Watermaster Board. The increase from \$220,000 to \$300,000 was to reflect a change in the consultant preparing the Adaptive Management Plan. On August 25, 2016, the cost sharing agreement between IEUA and Watermaster was increased from \$300,000 to \$385,000 (\$770,000 x 50% = \$385,000) with the approval of the Watermaster Board. A number of issues associated with the drilling of the monitoring wells (unavailable locations requiring negotiation of new easements, nesting season limitations, etc.), increased the cost of the construction of the 16 wells. The majority of the additional costs were due to extended construction management, additional easement fees, and environmental reporting for the pre- and during construction time period. The associated increase in cost was \$170,000, changing the total amount from \$600,000 to \$770,000.

The agreement was a 50/50 cost sharing agreement between Watermaster and IEUA with a not to exceed amount of \$385,000 for each party. Included in that cost was hiring a consultant to develop the adaptive management plan, WEI performing the project management tasks related to the monitoring well installation, hiring a contractor to construct and install up to seventeen monitoring wells at nine separate sites, and United States Bureau of Reclamation performing vegetation monitoring every three years. Grants had been applied for to offset the cost of this program; however, the Grants were not approved.

The information listed below is provided for the period of May 1, 2012 through June 30, 2017.

	Actual (Program Costs)
Adaptive Management Plan (AMP) - RBF	\$ 123,030.00
Monitoring Wells	\$ 166,326.66
WEI - Field Service	\$ 326,119.00
Tom Dodson - Initial Enviro	\$ 13,500.00
ESA - Enviro Reporting	\$ 39,328.79
Easements and Fees	\$ 65,465.06
IEUA - Contract CM labor	\$ 11,409.00
USBR Vegetation Survey	\$ 20,000.00
Annual Permit Fees	\$ 2,469.44
Grand Total	\$ 767,647.95
50/50 Share	\$ 383,823.98
Amount Paid by IEUA	\$ 383,823.98
Amount Paid by CBWM	\$ 383,823.98
Grand Total Paid	\$ 767,647.95

OTHER INCOME AND EXPENSE

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

PREVIOUSLY REPORTED ACTIONS (Descending Order)

January 2018:

During the month of January 2018, Chino Basin Watermaster received an invoice from IEUA in the amount of \$763,169.40 for the purchase of 1,145.900 AF of untreated water. The purchase consisted of Cumulative Unmet Replenishment Obligation (CURO) purchases of 967.691 AF and Desalter Replenishment Obligation (DRO) purchases of 178.209 AF. The total purchase of 1,145.900 AF at an AF cost of \$666 (1,145.900 AF X \$666 = \$763,169.40). The amount of \$763,169.40 has been recorded to Groundwater Replenishment expense (5010).

August 2017:

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 2017/18 annual administrative fee invoice was issued on July 6, 2017 in the amount of \$163,621.82 under invoice number DYY 17-01. Payment in the amount of \$163,621.82 was received and deposited on August 7, 2017.

The three contributions of \$10,000 each (totaling \$30,000) to update the Blomquist Report were invoiced in July 2017 and all three payments have been received from Three Valleys Municipal Water District, Western Municipal Water District, and Inland Empire Utilities Agency.

"CARRY OVER" FUNDING

BACKGROUND OF "CARRY OVER" FUNDING

Once the FY 2016/17 period as of June 30, 2017 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 2017/18 budget. The Total "Carry Over" funding amount of \$4,119,779.24 was posted to the accounts as of July 1, 2017. The total amount of \$4,119,779.24 consisted of \$3,926,672.24 from Capital Improvement Projects and \$193,107 from Engineering Services.

CURRENT MONTH – APRIL 2018

As of April 30, 2018, the total (YTD) amount remaining of the "Carried Over" funding is \$3,557,804.97 (\$4,119,779.24 - \$561,974.27 = \$3,557,804.97).

The following details are provided:

"Carried Over" Expenses At June 30, 2017

			<u>GL Account</u>		
Ground Level - Engineering Services	\$ 20,702.00	A	7107.2 ²	FY 2016/17	ENG
Ground Level - Contract Services	\$ 24,196.00	B	7107.6 ³	FY 2016/17	ENG
Hydraulic Control Engineering - PBHSP	\$ 6,000.00	C	7108.31 ⁴	FY 2016/17	ENG
PE4 - Northwest MZ-1 Area Project	\$ 142,209.00	D	7402.1 ⁵	FY 2016/17	ENG
Jurupa Pumping Station (TO #5)	\$ 37,981.33	E	7209.1 ¹	FY 2013/14	PROJ
Wineville Basin Proof of Concept (TO #6)	\$ 35,397.53	F	7209.2 ¹	FY 2013/14	PROJ
RMPU Amendment (TO #1)	\$ 1,205,263.30	G	7690.15	FY 2016/17	PROJ
East Declaz Basin (TO #1)	\$ 1,171.33	H	7690.16 ¹	FY 2016/17	PROJ
Hickory Basin Recharge Improvement Project	\$ 3,877.00	I	7690.3 ¹	FY 2013/14	PROJ
San Sevaine Recharge Improvement Project (TO #8)	\$ 125,851.95	J	7690.4	FY 2014/15	PROJ
San Sevaine Recharge Improvement Project (TO #8)	\$ 1,126,900.00	J	7690.4	FY 2015/16	PROJ
San Sevaine Recharge Improvement Project (TO #8)	\$ 1,065,600.00	J	7690.4	FY 2016/17	PROJ
CB20 Turnout Noise Abatement Project	\$ 859.80	K	7690.5 ¹	FY 2013/14	PROJ
GWR SCADA Upgrades (TO #4)	\$ 134,615.86	L	7690.61	FY 2014/15	PROJ
GWR SCADA Upgrades (TO #4)	\$ 38,675.00	L	7690.61	FY 2015/16	PROJ
Upper Santa Ana River HCP (TO #7)	\$ 32,836.88	M	7690.7	FY 2014/15	PROJ
Upper Santa Ana River HCP (TO #7)	\$ 5,000.00	M	7690.7	FY 2015/16	PROJ
Lower Day Basin RMPU (TO #2)	\$ 112,642.26	N	7690.8	FY 2016/17	PROJ
Total Balance, June 30, 2017	\$ 4,119,779.24				

"Carried Over" Balance, July 1, 2017 \$ 4,119,779.24

Less: (Invoices Received To Date FY 2017/18)

Ground Level - Engineering Services	\$ (20,702.00)	A	7107.2 ²	FY 2016/17	ENG
Ground Level - Contract Services	\$ (24,196.00)	B	7107.6 ³	FY 2016/17	ENG
Hydraulic Control Engineering - PBHSP	\$ (6,000.00)	C	7108.31 ⁴	FY 2016/17	ENG
PE4 - Northwest MZ-1 Area Project	\$ (112,607.35)	D	7402.1 ⁵	FY 2016/17	ENG
RMPU Amendment (TO #1)	\$ (156,077.62)	G	7690.15	FY 2016/17	PROJ
San Sevaine Recharge Improvement Project (TO #8)	\$ (19,261.77)	J	7690.4	FY 2014/15	PROJ
GWR SCADA Upgrades (TO #4)	\$ (98,000.81)	L	7690.61	FY 2014/15	PROJ
Upper Santa Ana River HCP (TO #7)	\$ (17,774.00)	M	7690.7	FY 2014/15	PROJ
Lower Day Basin RMPU (TO #2)	\$ (107,354.72)	N	7690.8	FY 2016/17	PROJ
Updated Balance as of April 30, 2018	\$ 3,557,804.97				

¹ Project completed and funds are available for reallocation to another project, distribution to Appropriative Pool, or maintain as extra funding

² Work to identify and install a new horizontal extensometer in the Managed Area

³ Outside Professional services to assist with identifying and installing a new horizontal extensometer in the Managed Area

⁴ Finalizing the 2016 Annual Report of the PBHSC, including responding to comments from the state/federal Fish and Wildlife departments

⁵ For work not performed in FY 2016/17 related to the Northwest MZ-1 horizontal extensometer

ENGINEERING SERVICES:

Unspent funds related to ongoing projects and associated activities from the Engineering Services budget from FY 2016/17 in several accounts totaling \$193,107 were "Carried Over" into the current FY 2017/18 budget. These funds were from the Ground Level - Engineering Services [A] in the amount of \$20,702 in account (7107.2); Ground Level - Contract Services [B] in the amount of \$24,196 in account (7107.6); Hydraulic Control-Engineering - PBHSP [C] in the amount of \$6,000 in account (7108.31); and PE4-Northwest MZ-1 Area Project [D] in the amount of \$142,209 in account (7402.10).

COMPLETED PROJECTS WITH FUNDING AVAILABLE:

Several projects were completed during FY 2016/17 or in prior years and have remaining funds available to be either (1) transferred to other project(s) that need additional funding, (2) keep amounts on reserve for future Capital Improvement Projects, or (3) refunded back to the Appropriative Pool when the Assessment package is invoiced. The funding amounts available are as follows: Jurupa Pumping Station [E] in the amount of \$37,981.33 (account 7209.1); Wineville Basin Proof of Concept [F] in the amount of \$35,397.53 (account 7209.2); East Declaz Basin [H] in the amount of \$1,171.33 (account 7690.16); Hickory Basin Recharge Improvement Project [I] in the amount of \$3,877.00 (account 7690.3); and CB20 Turnout Noise Abatement Project [K] in the amount of \$859.80 (account 7690.5). The total amount available is \$79,286.99 ($\$37,981.33 + \$35,397.53 + \$1,171.33 + \$3,877.00 + \$859.80 = \$79,286.99$).

ONGOING RECHARGE IMPROVEMENT PROJECTS:

The RMPU Amendment-Task Order #1 [G] has a remaining budget from FY 2016/17 of \$1,205,263.30 in account (7690.15); the San Sevaine Recharge Improvement Project-Task Order #8 [J] has a remaining funded budget balance of \$2,318,351.95 in account (7690.4); the GWR SCADA Upgrades-Task Order #4 [L] has a remaining funded budget balance of \$173,290.86 in account (7690.61); the Upper Santa Ana River HCP-Task Order #7 [M] has a remaining funded balance of \$37,836.88 in account (7690.7); and the Lower Day Basin RMPU-Task Order #2 [N] has a remaining funded budget balance of \$112,642.26 in account (7690.8). The total funded budget for these combined projects is \$3,847,385.25.

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, 2018, any remaining balances of the FY 2017/18 and prior years funding (if any), along with any new FY 2017/18 expenses, will then be "Carried Over" into the FY 2018/19 budget.

AUDIT FIELD WORK

FY 2017/18:

The auditors from the audit firm of Fedak & Brown LLP were onsite at the Watermaster offices on April 17, 2018. This was the start of the interim field work for the period of July 1, 2017 through February 28, 2018. The final field work for the period of March 1, 2018 through June 30, 2018 is planned for August 7, 2018 through August 8, 2018, with the Annual Financial and Audit Reports presented to the Watermaster Board by Fedak & Brown LLP at the November 15, 2018 Board meeting. The Annual Financial and Audit Reports for FY 2017/18 are anticipated to be posted to the Watermaster website no later than December 15, 2018.

FY 2016/17:

The auditors from the audit firm of Fedak & Brown LLP were onsite at the Watermaster offices on April 5, 2017 through April 6, 2017. This was the start of the interim field work for the period of July 1, 2016 through February 28, 2017. The final field work for the period of March 1, 2017 through June 30, 2017 was completed during August 14, 2017 through August 16, 2017. The Annual Financial and Audit Reports were presented to the Watermaster Board by Fedak & Brown LLP at the November 16, 2017 Board meeting. At the November 16, 2017 Board meeting, the Board unanimously approved to receive and file the audit reports. The Annual Financial and Audit Reports for FY 2016/17 were posted to the Watermaster website on November 17, 2017.

ASSESSMENT INVOICING

CURRENT MONTH – APRIL 2018

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

PREVIOUSLY REPORTED ACTIONS (Descending Order)

December 2017:

The Watermaster Board approved the FY 2017-2018 Assessment Package (Production Year 2016-2017) at the November 16, 2017 meeting. Watermaster staff created and emailed the Assessment invoices on

Thursday, November 16, 2017. The Assessment invoices were due 30 days from invoice date, with all payments to be received by Watermaster on or before the close of business at 5:00pm on Monday, December 18, 2017. As in prior years, payments could be made by either check or wire transfer. As of December 18, 2017 at 5:00pm, all but two payments had been received. The two late payments were both received on December 21, 2017. On December 22, 2017 the late fees totaling \$47.34 (\$39.90 and \$7.44) were invoiced. Both late fee payments have been received as of January 26, 2018.

November 2017:

The Watermaster Board approved the FY 2017-2018 Assessment Package (Production Year 2016-2017) at the November 16, 2017 meeting. Watermaster staff created and emailed the Assessment invoices on Thursday, November 16, 2017. The Assessment invoices were due 30 days from invoice date, with all payments to be received by Watermaster on or before the close of business at 5:00pm on Monday, December 18, 2017. As in prior years, payments could be made by either check or wire transfer. As of December 18, 2017 at 5:00pm, all but two payments had been received. The two late payments were both received on December 21, 2017. On December 22, 2017 the late fees totaling \$47.34 (\$39.90 and \$7.44) were invoiced.

October 2017:

The Watermaster Board approved the FY 2017-2018 Assessment Package (Production Year 2016-2017) at the November 16, 2017 meeting. Watermaster staff created and emailed the Assessment invoices on Thursday, November 16, 2017. The Assessment invoices are due 30 days from invoice date, with all payments to be received by Watermaster on or before the close of business Monday, December 18, 2017. As in prior years, payments can be made by either check or wire transfer.

This year's Assessment invoicing included the standard Assessment amounts per the Assessment Package, along with any Special Assessments and the "Excess Cash Reserve" refund credits. The Appropriative Pool had a Special Assessment of \$75,000 as approved during the budgeting process. The \$75,000 was allocated to the Appropriative Pool members based upon a prorated formula of 50% Operating Safe Yield (OSY) and 50% physical production numbers from FY 2016/17.

The Non-Agricultural Pool had a Special Assessment of \$60,000 as approved during a Confidential Session on April 13, 2017. The \$60,000 was allocated to the Non-Agricultural Pool members based upon the actual production numbers from 2016/17.

For this fiscal year, there were no refunds due regarding the Excess Cash Reserve refunds to the Appropriative Pool members and the Non-Agricultural Pool members. The Excess Cash Reserve-Recharge Debt Payment refund of \$78,397 was refunded to the Appropriative Pool members based upon the pro rata share of FY 2016/17 Recharge Debt Assessments paid. The refunds were applied as credits on the Assessment invoices and allocated based upon last year's percentage of assessments paid.

Also please note that the Recharge Improvement Project budget of \$2,839,000 was not part of the assessment invoicing. Watermaster did not invoice for the recharge improvement project assessment of \$2,839,000 at this time, because it appears there is a good probability that State Revolving Fund loan monies would be made available before the money was spent by IEUA. In case there is need to pay IEUA for project expenses before loans are secured, a special assessment would be recommended.

September 2017:

The Assessment Year 2017-2018 Package (Production Year 2016-2017) is scheduled for presentation to the Appropriative Pool and Non-Agricultural Pool at the November 9, 2017 meetings; the Agricultural Pool on November 13, 2017; and approval by the Advisory Committee and adoption by the Watermaster Board at the November 16, 2017 meetings.

Once the Watermaster Board adopts the Assessment Package, Watermaster staff intends to create and email the Assessment invoices on Friday, November 17, 2017. The Assessment invoices are due 30 days from invoice date, with all payments to be received by Watermaster on or before the close of

business Monday, December 18, 2017. As in prior years, payments can be made by either check or wire transfer

ATTACHMENTS

1. Financial Report - B5

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	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 April 2018				Year-To-Date as of April 30, 2018				Fiscal Year End as of June 30, 2018			
	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%	193,621.82	191,626.00	1,995.82	101.04%	193,621.82	191,626.00	1,995.82	101.04%
4110 · Admin Asmnts-Approp Pool	0.00	0.00	0.00	0.0%	8,407,583.88	11,279,242.00	-2,871,658.12	74.54%	8,407,538.88	11,279,242.00	-2,871,703.12	74.54%
4120 · Admin Asmnts-Non-Agri Pool	0.00	0.00	0.00	0.0%	360,242.82	327,924.00	32,318.82	109.86%	360,242.82	327,924.00	32,318.82	109.86%
4700 · Non Operating Revenues	6.17	0.00	6.17	100.0%	103,594.65	27,935.00	75,659.65	370.84%	148,088.48	39,906.00	108,182.48	371.09%
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	6.17	0.00	6.17	100.0%	9,065,043.17	11,826,727.00	-2,761,683.83	76.65%	9,109,492.00	11,838,698.00	-2,729,206.00	76.95%
Gross Profit	6.17	0.00	6.17	100.0%	9,065,043.17	11,826,727.00	-2,761,683.83	76.65%	9,109,492.00	11,838,698.00	-2,729,206.00	76.95%
Expense												
6010 · Admin. Salary/Benefit Costs	74,034.90	85,153.00	-11,118.10	86.94%	889,893.42	850,825.00	39,068.42	104.59%	1,087,811.36	1,022,564.00	65,247.36	106.38%
6020 · Office Building Expense	9,339.08	9,124.00	215.08	102.36%	85,872.27	94,116.00	-8,243.73	91.24%	104,044.25	112,914.00	-8,869.75	92.15%
6030 · Office Supplies & Equip.	2,061.56	2,250.00	-188.44	91.63%	17,162.30	22,125.00	-4,962.70	77.57%	23,634.32	26,500.00	-2,865.68	89.19%
6040 · Postage & Printing Costs	3,006.98	3,578.00	-571.02	84.04%	32,130.19	39,585.00	-7,454.81	81.17%	43,830.95	45,693.00	-1,862.05	95.93%
6050 · Information Services	17,215.57	12,166.00	5,049.57	141.51%	123,769.79	128,725.00	-4,955.21	96.15%	152,072.29	152,912.00	-839.71	99.45%
6060 · Contract Services	5,315.88	4,200.00	1,115.88	126.57%	51,084.38	52,400.00	-1,315.62	97.49%	67,524.67	68,000.00	-475.33	99.3%
6070 · Watermaster Legal Services	45,688.26	16,326.00	29,362.26	279.85%	331,475.82	153,425.00	178,050.82	216.05%	356,050.08	176,075.00	179,975.08	202.22%
6080 · Insurance	0.00	0.00	0.00	0.0%	25,564.11	29,768.00	-4,203.89	85.88%	28,064.11	29,768.00	-1,703.89	94.28%
6110 · Dues and Subscriptions	0.00	180.00	-180.00	0.0%	24,681.39	24,885.00	-203.61	99.18%	24,681.39	24,885.00	-203.61	99.18%
6140 · WM Admin Expenses	0.00	0.00	0.00	0.0%	1,460.97	1,975.00	-514.03	73.97%	1,947.96	2,350.00	-402.04	82.89%
6150 · Field Supplies	169.70	750.00	-580.30	22.63%	242.67	1,450.00	-1,207.33	16.74%	1,300.00	1,450.00	-150.00	89.66%
6170 · Travel & Transportation	1,817.81	1,925.00	-107.19	94.43%	14,252.37	44,639.00	-30,386.63	31.93%	16,579.41	47,469.00	-30,889.59	34.93%
6190 · Training, Conferences, Seminars	3,195.02	2,504.00	691.02	127.6%	29,170.70	31,220.00	-2,049.30	93.44%	34,634.24	37,428.00	-2,793.76	92.54%
6200 · Advisory Comm - WM Board	3,267.49	3,695.00	-427.51	88.43%	26,251.22	36,201.00	-9,949.78	72.52%	33,644.97	43,908.00	-10,263.03	76.63%
6300 · Watermaster Board Expenses	11,904.11	13,028.00	-1,123.89	91.37%	111,079.57	149,349.00	-38,269.43	74.38%	138,233.95	175,546.00	-37,312.05	78.75%
8300 · Appr PI-WM & Pool Admin	6,042.31	11,533.00	-5,490.69	52.39%	90,505.21	114,190.00	-23,684.79	79.26%	118,617.20	137,642.00	-19,024.80	86.18%
8400 · Agri Pool-WM & Pool Admin	3,846.54	5,186.00	-1,339.46	74.17%	31,608.70	50,226.00	-18,617.30	62.93%	42,016.21	60,903.00	-18,886.79	68.99%
8467 · Ag Legal & Technical Services	34,362.50	17,084.00	17,278.50	201.14%	258,045.00	170,834.00	87,211.00	151.05%	308,243.33	205,000.00	103,243.33	150.36%
8470 · Ag Meeting Attend -Special	1,275.00	1,850.00	-575.00	68.92%	10,850.00	18,500.00	-7,650.00	58.65%	12,766.67	22,200.00	-9,433.33	57.51%
8471 · Ag Pool Expense	0.00	21,250.00	-21,250.00	0.0%	11,153.00	85,000.00	-73,847.00	13.12%	14,870.67	85,000.00	-70,129.33	17.5%
8485 · Ag Pool - Misc. Exp. - Ag Fund	0.00	0.00	0.00	0.0%	57.02	300.00	-242.98	19.01%	207.02	400.00	-192.98	51.76%
8500 · Non-Ag PI-WM & Pool Admin	2,692.59	9,205.00	-6,512.41	29.25%	72,355.64	89,947.00	-17,591.36	80.44%	95,384.07	108,507.00	-13,122.93	87.91%
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	-20,141.65	-33,634.00	13,492.35	59.89%	-156,773.16	-336,345.00	179,571.84	46.61%	-182,175.35	-403,615.00	221,439.65	45.14%
6900 · Optimum Basin Mgmt Plan	68,203.75	103,979.66	-35,775.91	65.59%	935,002.03	1,076,177.66	-141,175.63	86.88%	1,178,231.04	1,284,844.00	-106,612.96	91.7%
9501 · G&A Expenses Allocated-OBMP	2,729.69	7,025.00	-4,295.31	38.86%	32,114.63	70,248.00	-38,133.37	45.72%	39,179.92	84,298.00	-45,118.08	46.48%
7101 · Production Monitoring	10,380.69	4,423.00	5,957.69	234.7%	55,490.73	45,480.00	10,010.73	122.01%	60,146.72	54,742.00	5,404.72	109.87%
7102 · In-line Meter Installation	270.98	6,191.00	-5,920.02	4.38%	1,220.13	57,245.00	-56,024.87	2.13%	25,949.15	68,072.00	-42,122.85	38.12%
7103 · Grdwtr Quality Monitoring	14,990.17	21,143.00	-6,152.83	70.9%	225,055.51	271,343.00	-46,287.49	82.94%	280,087.12	314,051.00	-33,963.88	89.19%
7104 · Gdwtr Level Monitoring	19,715.43	25,506.00	-5,790.57	77.3%	246,340.58	255,996.00	-9,655.42	96.23%	302,166.87	307,320.00	-5,153.13	98.32%
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	35,809.39	39,920.00	-4,110.61	89.7%	199,855.68	367,092.00	-167,236.32	54.44%	233,728.39	403,627.00	-169,898.61	57.91%

P53

	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 April 2018				Year-To-Date as of April 30, 2018				Fiscal Year End as of June 30, 2018			
	Actual	Budget	\$ Over(Under)	% of Budget	Actual	Budget	\$ Over(Under)	% of Budget	Projected	Budget	\$ Over(Under)	% of Budget
7108 · Hydraulic Control Monitoring	14,005.45	9,851.00	4,154.45	142.17%	104,174.73	98,728.00	5,446.73	105.52%	118,225.71	118,504.00	-278.29	99.77%
7109 · Recharge & Well Monitoring Prog	5,156.50	1,948.00	3,208.50	264.71%	16,319.10	19,481.00	-3,161.90	83.77%	18,383.47	23,377.00	-4,993.53	78.64%
7200 · PE2- Comp Recharge Pgm	274,540.31	285,744.00	-11,203.69	96.08%	997,969.22	1,354,061.86	-356,092.64	73.7%	1,239,571.88	1,397,464.86	-157,892.98	88.7%
7300 · PE3&5-Water Supply/Desalte	0.00	2,682.00	-2,682.00	0.0%	0.00	27,174.00	-27,174.00	0.0%	25,000.00	32,657.00	-7,657.00	76.55%
7400 · PE4- Mgmt Plan	18,574.80	136,752.00	-118,177.20	13.58%	196,579.07	1,511,745.00	-1,315,165.93	13.0%	1,737,339.03	1,785,322.00	-47,982.97	97.31%
7500 · PE6&7-CoopEfforts/SaltMgmt	15,102.51	16,892.00	-1,789.49	89.41%	180,166.97	182,154.00	-1,987.03	98.91%	214,085.95	215,016.00	-930.05	99.57%
7600 · PE8&9-StorageMgmt/Conj Use	34,152.50	3,878.00	30,274.50	880.67%	455,838.11	542,291.00	-86,452.89	84.06%	550,247.48	550,414.00	-166.52	99.97%
7690 · Recharge Improvement Debt Pymt	0.00	0.00	0.00	0.0%	856,112.42	7,207,668.38	-6,351,555.96	11.88%	4,368,668.38	7,207,668.38	-2,839,000.00	60.61%
7700 · Inactive Well Protection Prgm	0.00	41.00	-41.00	0.0%	0.00	416.00	-416.00	0.0%	350.00	500.00	-150.00	70.0%
9502 · G&A Expenses Allocated-Projects	17,411.96	26,610.00	-9,198.04	65.43%	124,658.53	266,097.00	-141,438.47	46.85%	142,995.43	319,317.00	-176,321.57	44.78%
Total Expense	736,137.78	879,938.66	-143,800.88	83.66%	6,708,790.02	15,206,737.90	-8,497,947.88	44.12%	13,058,340.29	16,350,693.24	-3,292,352.95	79.86%
Net Ordinary Income	-736,131.61	-879,938.66	143,807.05	83.66%	2,356,253.15	-3,380,010.90	5,736,264.05	-69.71%	-3,948,848.29	-4,511,995.24	563,146.95	87.52%
Other Income												
4210 · Approp Pool-Replenishment	0.00	0.00	0.00	0.0%	851,066.34	0.00	851,066.34	100.0%	851,066.34	0.00	851,066.34	100.0%
4220 · Non-Ag Pool-Replenishment	0.00	0.00	0.00	0.0%	7,451.38	0.00	7,451.38	100.0%	7,451.38	0.00	7,451.38	100.0%
4225 · Interest Income	0.00	0.00	0.00	0.0%	2,258.82	0.00	2,258.82	100.0%	3,583.82	0.00	3,583.82	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%
600 · Groundwater Sales	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
715 · Gain on Sale of Assets	0.00	0.00	0.00	0.0%	1,700.00	0.00	1,700.00	100.0%	1,700.00	0.00	1,700.00	100.0%
Total Other Income	0.00	0.00	0.00	0.0%	862,476.54	0.00	862,476.54	100.0%	863,801.54	0.00	863,801.54	100.0%
Other Expense												
5010 · Groundwater Replenishment	0.00	0.00	0.00	0.0%	763,169.40	0.00	763,169.40	100.0%	763,169.40	0.00	763,169.40	100.0%
5100 · Other Water Purchases	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9200 · Interest Expense	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9251 · Other Post Employment Benefits	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9996 · Refund-Excess Reserves-Approp.	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9997 · Refund-Excess Reserves-NonAg	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9998 · Refund-Recharge Debt-Approp.	0.00	0.00	0.00	0.0%	78,397.00	0.00	78,397.00	100.0%	78,397.00	0.00	78,397.00	100.0%
9999 · To/(From) Reserves	0.00	0.00	0.00	0.0%	0.00	-392,216.00	392,216.00	0.0%	0.00	-392,216.00	392,216.00	0.0%
Total Other Expense	0.00	0.00	0.00	0.0%	841,566.40	-392,216.00	1,233,782.40	-214.57%	841,566.40	-392,216.00	1,233,782.40	-214.57%
Net Other Income	0.00	0.00	0.00	0.0%	20,910.14	392,216.00	-371,305.86	5.33%	22,235.14	392,216.00	-369,980.86	5.67%
Net Income	-736,131.61	-879,938.66	143,807.05	83.66%	2,377,163.29	-2,987,794.90	5,364,958.19	-79.56%	-3,926,613.15	-4,119,779.24	193,166.09	95.31%

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

CHINO BASIN WATERMASTER

- I. CONSENT CALENDAR**
- C. WATER TRANSACTIONS**



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: June 21, 2018
TO: Advisory Committee Members
SUBJECT: Summary and Analysis of Application for Water Transaction
(Consent Calendar Item I.C)

SUMMARY

Issue: Notice of Sale or Transfer – The transfer of 10,000.00 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 first, with any additional from Excess Carryover.

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

Financial Impact: None

Future Consideration

Advisory Committee – June 21, 2018: Advice and assistance.

Watermaster Board – June 28, 2018: Approval (within Watermaster powers and duties).

ACTIONS:

Appropriative Pool – May 10, 2018: Unanimously recommended to the Advisory Committee to recommend to the Watermaster Board to approve.

Non-Agricultural Pool – May 10, 2018: Unanimously recommended Pool representatives to support at the Advisory Committee and Board meetings subject to changes which they deem appropriate.

Agricultural Pool – May 11, 2018: Unanimously recommended to the Advisory Committee to recommend to the Watermaster Board to approve.

Advisory Committee – June 21, 2018:

Watermaster Board – June 28, 2018:

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 20, 2018. Notice of the transaction was transmitted electronically and mailed on May 4, 2018, 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 May 10, and 11, 2018 meetings respectively.

ATTACHMENTS

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

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
 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:

Fontana Water Company Service area in 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 ND to 8.4 ppb and nitrate levels range from 2.1 to 9.7 ppm (before treatment)

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

Static water levels ranging from 355 feet bgs to 671 feet bgs as of January 2018.

MATERIAL PHYSICAL INJURY

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

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

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

SAID TRANSFER SHALL BE CONDITIONED UPON:

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

ADDITIONAL INFORMATION ATTACHED

Yes No



Seller / Transferor Representative Signature

Martin E. Zvirbulis, 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: _____

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CHINO BASIN WATERMASTER

NOTICE

OF

APPLICATION(S)

RECEIVED FOR

WATER TRANSACTIONS – ACTIVITIES

Date of Notice:

May 4, 2018

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 20, 2018** Date of this notice: **May 4, 2018**

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

- Notice of Sale or Transfer – The transfer of 10,000,000 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/Operating Safe Yield first, than any additional from Excess Carryover.

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

Appropriative Pool: May 10, 2018

Non-Agricultural Pool: May 10, 2018

Agricultural Pool: May 11, 2018

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, as *Contests* must be submitted a minimum of fourteen (14) days prior to the Advisory Committee's consideration of an *Application*, parties to the Judgment may file *Contests* to the *Application* with Watermaster *within seven calendar days* of when the last pool committee considers it. Any *Contest* must be in writing and state the basis of the *Contest*.

Watermaster address:

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

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

CHINO BASIN WATERMASTER

II. BUSINESS ITEMS

A. TASK ORDER NO. 2 UNDER MASTER AGREEMENT FOR COLLABORATIVE PROJECTS TECHNICAL SUPPORT FOR ANALYSIS OF 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: June 21, 2018
TO: Advisory Committee Members
SUBJECT: Task Order No. 2 Under Master Agreement for Collaborative Projects Technical Support for Analysis of the Upper Santa Ana River Groundwater Integrated Model (Business item II.A.)

SUMMARY

Issue: Under Task Order No. 2, Watermaster and IEUA will cost-share technical assistance from WEI regarding the development of the Upper Santa Ana River Integrated Model.

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

Financial Impact: For Fiscal Year 2018/19 the maximum estimated cost for Watermaster is \$19,960 which was already included in the 2018/2019 Engineering Services Budget (Account No. 6906.15). Agreement to the Task Order does not result in additional expense.

Future Consideration

Advisory Committee – June 21, 2018: Approval

Watermaster Board – June 28 2018: Approval (Upon Advisory Committee recommendation)

ACTIONS:

Appropriative Pool – June 14, 2018: Unanimously recommended Advisory Committee approval

Non-Agricultural Pool – June 14, 2018: Unanimously recommended Pool representatives to support approval at the Advisory Committee meeting subject to changes which they deem appropriate.

Agricultural Pool – June 15, 2018: Unanimously recommended Advisory Committee approval

Advisory Committee – June 21, 2018:

Watermaster Board – June 28, 2018:

BACKGROUND

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).

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.

DISCUSSION

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.

On September 28, 2017 Watermaster and IEUA entered into a Master Agreement for Collaborative Projects. The proposed task order (Attachment 1) under the Master Agreement includes the scope of work, schedule, estimated expenses, and deliverables. The anticipated expense, \$39,920, will be cost shared with IEUA; Watermaster's share of the total is \$19,960 which has been included in the Engineering Services Budget for FY 2018/19.

This item was presented to the three Pool Committees and was unanimously recommended for Advisory Committee approval.

ATTACHMENTS

1. Task Order No. 2 Under Master Agreement for Collaborative Projects Technical Support for Analysis of the Upper Santa Ana River Groundwater Integrated Model

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

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CHINO BASIN WATERMASTER

II. BUSINESS ITEMS

B. 2017 ANNUAL REPORT OF THE PRADO BASIN HABITAT SUSTAINABILITY COMMITTEE



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: June 21, 2018

TO: Advisory Committee Members

SUBJECT: 2017 Annual Report of the Prado Basin Habitat Sustainability Committee
(Business Item II.B.)

SUMMARY

Issue: Pursuant to the monitoring and mitigation requirements of the Peace II Subsequent Environmental Impact Report, the Prado Basin Habitat Sustainability Committee must prepare an Annual Report. The Committee presents its 2nd Annual Report for Water Year 2017.

Recommendation: Recommend Board to receive and file.

Financial Impact: No Impact.

Future Consideration

Advisory Committee: June 21, 2018: Recommend Board to receive and file

Watermaster Board: June 28, 2018: Receive and file

ACTIONS:

Appropriative Pool – June 14, 2018: Unanimously recommended to the Advisory Committee to recommend to the Watermaster Board to approve.

Non-Agricultural Pool – June 14, 2018: Unanimously recommended Pool representatives to support at the Advisory Committee and Board meetings subject to changes which they deem appropriate.

Agricultural Pool – June 15, 2018: Unanimously recommended to the Advisory Committee to recommend to the Watermaster Board to approve.

Advisory Committee – June 21, 2018:

Watermaster Board – June 28, 2018:

BACKGROUND

The Prado Flood Control Basin (Prado Basin) is located in the southernmost, downgradient portion of the Chino Groundwater Basin (Chino Basin). Surface-water flow within the middle Santa Ana River (SAR) and its tributaries discharge into and through the Prado Basin behind Prado Dam, the main flood-control facility on the middle SAR. The US Army Corps of Engineers, in coordination with the Orange County Water District (OCWD), regulates releases from Prado Dam for the purposes of flood control and groundwater recharge in Orange County. The major components of discharge within the SAR and its tributaries are: runoff from precipitation, discharge of tertiary-treated effluent from wastewater treatment plants, rising groundwater, discharge of untreated imported water for groundwater recharge, and other dry-weather runoff. The SAR and its tributaries are unlined across the Prado Basin, which allows for groundwater/surface-water interaction. Groundwater in Chino Basin generally flows from the forebay regions in the north towards Prado Basin in the south. Depth to groundwater is relatively shallow in the Prado Basin area, where groundwater losses can occur via evapotranspiration by riparian vegetation and rising-groundwater outflow to the SAR and its tributaries.

The surface-water impoundments behind Prado Dam and the shallow groundwater have created within Prado Basin the largest riparian forest in Southern California. The riparian forest provides critical habitat for various threatened and endangered species including the Least Bell's Vireo, Southwestern Willow Flycatcher, Yellow-Billed Cuckoo, and the Santa Ana Sucker.

To further implement the goals and objectives of the Chino Basin Optimum Basin Management Program (OBMP), the Chino Basin Watermaster executed the Peace II Agreement in 2007. The primary features of the Peace II Agreement are to provide for Basin Re-operation and the attainment of Hydraulic Control of the Chino Basin. Hydraulic Control is defined as the elimination of groundwater discharge from the Chino-North Management Zone to the Prado Basin, or its reduction to *de minimis* quantities (i.e., less than 1,000 acre-feet per year [afy]). Hydraulic Control ensures that the water management activities in the Chino-North Management Zone will not impair the beneficial uses designated for water quality of the SAR downstream of Prado Dam. Basin Re-operation means the increase in controlled overdraft of the Chino Basin, as defined in the Judgment, from 200,000 acre-ft over the period of 1978 through 2017 to 600,000 acre-ft through 2030. Both desalter expansion in the southwestern portion of the Chino Basin and Re-operation (controlled overdraft over the whole of the Chino Basin) are required to achieve Hydraulic Control. Hydraulic Control was achieved in 2016, and will be maintained through expansion of the desalter program from its current approximate 30,000 afy of groundwater production to 40,000 afy, and the completion of Basin Re-operation.

One of the potential impacts of the Peace II Agreement activities described above is the lowering of groundwater levels (drawdown) in the Prado Basin area, which may impact the riparian habitat that is dependent upon groundwater. To address the potential drawdown and its impact on the riparian habitat, the monitoring and mitigation requirements in the Peace II Subsequent Environmental Impact Report (SEIR) calls for the development and implementation of an adaptive management program for the Prado Basin habitat:

Biological Resources/Land Use & Planning—Section 4.4-3 of the Peace II SEIR

The Chino Basin Stakeholders are committed to ensuring that the Peace II Agreement actions will not significantly adversely impact the Prado Basin riparian habitat. This includes the riparian portions of Chino and Mill Creek's between the terminus of hard lined channels and Prado Basin proper.

The available modeling data in the SEIR indicates that Peace II Agreement implementation will not cause significant adverse effects on the Prado Basin riparian habitat. However, the following contingency measure will be implemented to ensure that the Prado Basin riparian habitat will not incur unforeseeable significant adverse effects, due to implementation of Peace II. IEUA, Watermaster, OCWD and individual stakeholders, that choose to participate, will jointly fund and develop an adaptive management program that will include, but not be limited to:

- *monitoring riparian habitat quality and extent;*
- *investigating and identifying essential factors to long-term sustainability of Prado Basin riparian habitat;*
- *identification of specific parameters that can be monitored to measure potential effects of Peace II Agreement implementation effects on Prado Basin; and*
- *identification of water management options to minimize the Peace II Agreement effects on Prado Basin.*

This adaptive management program will be prepared as a contingency to define available management actions by Prado Basin stakeholders to address unforeseeable significant adverse impacts, as well as to contribute to the long-term sustainability of the Prado Basin riparian habitat.

The above effort will be implemented under the supervision of a newly-formed Prado Basin Habitat Sustainability Committee. This Committee will include representatives from all interested parties and will be convened by the Watermaster and IEUA. Annual reports will be prepared and will include recommendations for ongoing monitoring and any adaptive management actions required to mitigate any measured loss or prospective loss of riparian habitat that may be attributable to the Peace II Agreement. As determined by Watermaster and IEUA, significant adverse impacts to riparian habitat that are attributable to the Peace II Agreement will be mitigated.

Pursuant to these monitoring and mitigation requirements of the Peace II SEIR, the Inland Empire Utilities Agency (IEUA) and the Chino Basin Watermaster (Watermaster) convened the Prado Basin Habitat Sustainability Committee (PBHSC) to develop the Prado Basin Habitat Sustainability Program (PBHSP). The PBHSP is an adaptive management program to ensure that the riparian habitat in the Prado Basin will not incur unforeseeable significant adverse effects due to implementation of the Peace II Agreement.

The draft Annual Report for Water Year 2017 was published and distributed on April 25, 2018. Watermaster and IEUA presented the draft report to members of the PBHSC at a meeting on May 9, 2018. A one-month comment period was provided and some agencies provided feedback, including the Orange County Water District, U.S. Fish and Wildlife Service, and the California Department of Fish and Wildlife.

DISCUSSION

The Annual Report for water year (WY) 2017 is the second annual report prepared by the Watermaster and IEUA for the PBHSC. It documents the collection, analysis, and interpretations of the data and information generated by the PSHSP through September 30, 2017 and is organized into the following sections:

Section 1 – Introduction. This section describes the background of the PBHSP and the Annual Report.

Section 2 – Monitoring, Data Collection, and Methods. This section describes the collection of historical information and recent monitoring data, and the groundwater-modeling activities performed during WY 2017 for the PBHSP.

Section 3 – Results and Interpretations. This section describes the results and interpretations that were derived from the information, data, and groundwater-modeling.

Section 4 – Conclusions and Recommendations. This section summarizes the main conclusions derived from the PBHSP through the prior water year, and describes the recommended activities for the subsequent fiscal year as a proposed scope-of-work, schedule, and budget.

Section 5 – References. This section lists the publications cited in the report.

The Report’s Main Findings and Recommendations:

Depth-to-groundwater is relatively shallow across most of Prado Basin. The riparian vegetation typically overlies areas where the depth-to-groundwater is less than 15 feet-bgs, which suggests that shallow groundwater is an available source water for consumptive use by the vegetation.

The assessment of the riparian habitat in the Prado Basin, through the analysis of historical air photos and remote-sensing data shows that the riparian habitat has increased in its extent since the 1960s, and that there is no indication of a long-term trend in degradation of the extent or quality of riparian habitat along Chino Creek, Mill Creek, or the SAR that is contemporaneous with the implementation of the Peace II Agreement.

With two exceptions, groundwater levels underlying the riparian habitat in Prado Basin have remained stable since 1961 and appear to have been unaffected by the implementation of the Peace Agreements starting in 2000. The two exceptions are areas along the northern reaches of Mill Creek and the SAR, where groundwater levels have fluctuated by up to +/- 10 feet—apparently in response decreased groundwater production from the southern Chino Basin in the 1990s and increased production after about 2000 with the commencement of CDA pumping. The quality of the riparian habitat in these areas has shown no long-term trend of degradation since the NDVI estimates became available in the early 1980s and may have improved slightly during the Peace Agreements period.

Findings suggests the availability of source waters for consumptive use by the riparian vegetation other than precipitation and runoff, such as baseflow discharge and shallow groundwater.

Discharge in the SAR and its tributaries to Prado Dam has declined significantly since 2005. The declining trend in discharge is attributed to dry climatic conditions from 1999-2017 and the decreases in POTW effluent discharge because of increased recycled-water reuse and decreased wastewater discharge due to the economic recession that began in 2008 and the implementation of emergency water-conservation measures during the recent drought. The quality of riparian habitat in the 12 defined areas of the Prado Basin shows no long-term trend of degradation that coincides with the decline in stream discharge, and may have improved slightly during the implementation of the Peace Agreements along the northern reaches of Chino Creek, Mill Creek, and the SAR.

There are other factors that have had documented adverse impacts on the riparian habitat, including wildfire and pests, particularly, the PSHB beetle which has been identified as threat to cause adverse impacts to trees in the Prado Basin. The USBR site-specific vegetation surveys performed in 2016 noted presence of the PSHB at about 80 percent of the sites surveyed, and the OCWD and others have indicated that the PSHB is widespread through the Prado Basin, and has caused tree deaths in local patches significantly reduced tree canopy cover throughout the region.

The annual report includes a recommended scope of work for monitoring and reporting for FY 2018/19 with an estimated cost of \$227,000. Watermaster and IEUA have approved the scope-of-work and budget recommendations and are cost-sharing partners for this program. The Orange County Water District will also contribute \$10,000 for the acquisition of a high-resolution air photo of the Prado Basin in 2018.

At this time, the PBHSC is not recommending any changes in the Adaptive Management Plan or any mitigation measures for Hydraulic Control or Basin Re-Operation at this time.

The item was presented to the three Pool Committees and was unanimously recommended for Advisory to recommend Board to receive and file with the Court.

ATTACHMENTS

1. 2017 Annual Report of the Prado Basin Habitat Sustainability Committee

(Click on link below to access):

<http://www.cbwm.org/FTP/Special%20Committees/Prado%20Basin%20Habitat%20Sustainability%20Program/Annual%20Reports/2017/Final/>

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2017 Annual Report of the Prado Basin
Habitat Sustainability Committee:
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CHINO BASIN WATERMASTER

II. BUSINESS ITEMS

C. EXHIBIT "G" TRANSFER RATE AMENDMENT



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: June 21, 2018
TO: Advisory Committee Members
SUBJECT: Exhibit "G" Transfer Rate Amendment (Business Item II.C.)

SUMMARY

Issue: Section 9(d) of Exhibit "G" to the Restated Judgment, the Overlying (Non-Agricultural) Pool Pooling Plan, defines the price at which Watermaster will purchase water from the Non-Agricultural Pool on an annual basis relative to "...the then-prevailing "MWD Replenishment Rate"...". Since the MWD rate structure has changed and there is no Replenishment Rate, a new transfer rate needs to be identified.

Recommendation: Offer advice and assistance on amending Section 9(d) of Exhibit "G" regarding the transfer rate.

Financial Impact: There is no financial impact as a result of this recommendation.

Future Consideration

Advisory Committee – June 21, 2018: Approval

Watermaster Board – June 28, 2018: Approval [Advisory Committee Approval Required]

ACTIONS:

Appropriative Pool – June 14, 2018: Gave permission to its Legal Counsel to work with Watermaster's Legal Counsel to work as to the process of bringing the item forward.

Non-Agricultural Pool – June 14, 2018: Supports an Exhibit "G" transfer rate amendment allowing the Non-Agricultural Pool to solely decide the price at which to offer water for sale; the Non-Agricultural Pool directs Pool Counsel and Pool Chair to work with the Appropriative Pool and Counsel, and Watermaster to determine the final language to amend Exhibit "G" and file the necessary paperwork with the Court.

Agricultural Pool – June 15, 2018: Offered no advice

Advisory Committee – June 21, 2018:

Watermaster Board – June 28, 2018:

BACKGROUND

Since the unexpected MWD rate structure change eliminated the Replenishment Rate, the transfer rate identified in Exhibit "G" has become the subject of annual negotiations between the Appropriative and Non-Agricultural Pools. The negotiations, when successful, have resulted in a Court filing requesting that the Court allow a deviation from the Judgment and the use of the negotiated rate for one year. This has happened on several occasions in the last few years.

During Fiscal Year 2017/18 the two Pools were unable to reach agreement on a transfer rate and the process did not function as intended. An agreed upon transfer rate is essential to facilitate the Exhibit "G" process and allow it to function predictably and smoothly each year.

DISCUSSION

The language in Attachment 1 was developed through several discussions among a number of Non-Agricultural and Appropriative parties.

While Section 9(d) of Exhibit "G" to the Restated Judgment provides that available water will be purchased at "...92% of the then-prevailing "MWD Replenishment Rate"..." there is no requirement to develop a new transfer rate using any formula. In light of future uncertainty in rate structures, available supplies, and many other factors, using a formula would be an invitation to future renegotiations and uncertainty. The potential language in Attachment 1 would allow Non-Agricultural Pool parties, collectively, to annually set the asking price for any transfers, without using a formula and could lead to a more lasting solution to the need for a rate for these transfers.

Since no party is required to either buy or sell water through Exhibit "G" annual transfers, allowing the members of the Non-Agricultural Pool to determine their own asking price would be an incentive to be reasonable and set a transfer rate that reflects the market and will induce Appropriators to purchase water.

Ultimately a functional Exhibit "G" transfer process preserves a process for Non-Agricultural Pool parties whose production is less than their water rights to transfer their surplus water and make it available to Appropriators.

An amendment to the Exhibit "G" transfer rate would require Court approval. The Pools are being asked to offer their advice and assistance on developing language, such as that in Attachment 1, that would be acceptable to all parties and could be filed with the Court for its approval.

ATTACHMENTS

1. Potential Modification to Exhibit "G" Transfer Rate language

Potential Modification to Exhibit "G" Transfer Rate language

(a) By December 31 of each year, the members of the Overlying (Non-Agricultural) Pool shall notify Watermaster of the amount of water each member shall make available in their individual discretion for purchase by the Appropriators, **and the price at which all the water made available is being offered to Appropriative Pool parties.** By January 31 of each year, Watermaster shall provide a Notice of Availability of each Appropriator's pro-rata share of such water;

(b) Except as they may be limited by paragraph 9(e) below, each member of the Appropriative Pool will have, in their discretion, a right to purchase its pro-rata share of the supply made available from the Overlying (Non-Agricultural) Pool at the price **at which the water is being offered established in 9(d) below.** Each Appropriative Pool member's pro-rata share of the available supply will be based on each Producer's combined total share of Operating Safe Yield and the previous year's actual Production by each party;

(c) If any member of the Appropriative Pool fails to irrevocably commit to their allocated share by March 1 of each year, its share of the Overlying (Non-Agricultural) Pool water will be made available to all other members of the Appropriative Pool according to the same proportions as described in 9(b) above and at the price **at which the water is being offered established in Paragraph 9(d) below.** Each member of the Appropriative Pool shall complete its payment for its share of water made available by June 30 of each year.

(d) Commensurate with the cumulative commitments by members of the Appropriative Pool pursuant to (b) and (c) above, Watermaster will purchase the surplus water made available by the Overlying (Non-Agricultural) Pool water on behalf of the members of the Appropriative Pool on an annual basis at **the price at which the water is being offered 92% of the then-prevailing "MWD Replenishment Rate"**²² and each member of the Appropriative Pool shall complete its payment for its determined share of water made available by June 30 of each year.

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CHINO BASIN WATERMASTER

II. BUSINESS ITEMS

D. PEACE AGREEMENT PARAGRAPH 5.3(e) INTERPRETATION



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: June 21, 2018
TO: Advisory Committee Members
SUBJECT: Peace Agreement Paragraph 5.3(e) Interpretation (Business Item II.D.)

SUMMARY

Issue: The practical meaning of Peace Agreement Paragraph 5.3(e) needs to be clarified by the parties for Watermaster to enforce.

Recommendation: Offer advice and assistance on the interpretation of the language.

Financial Impact: There is no financial impact as a result of the recommendation.

Future Consideration

Advisory Committee – June 21, 2018: Approve

Watermaster Board – June 28, 2018: Adopt [Advisory Committee Approval Required]

ACTIONS:

Appropriative Pool – June 14, 2018: Gave permission to its Legal Counsel to work with Watermaster's Legal Counsel to work as to the process of bringing the item forward.

Non-Agricultural Pool – June 14, 2018: Supports the interpretation that any individual Non-Agricultural Pool party can make direct arrangements with any individual Appropriative Pool party, and pursuant to those arrangements transfer their water to Watermaster toward the Desalter Replenishment Obligation of that individual Appropriative Pool party; the Non-Agricultural Pool directs Pool Counsel and Pool Chair to work with the Appropriative Pool Chair and Pool Counsel, and Watermaster to determine final language and implement the procedure allowing such transactions.

Agricultural Pool – June 15, 2018: Offered no advice

Advisory Committee – June 21, 2018:

Watermaster Board – June 28, 2018:

BACKGROUND

Peace Agreement Paragraph 5.3(e) states:

Watermaster shall approve the Transfer or lease of the quantified Production rights of Non-Agricultural Producers within the Non-Agricultural Pool subject to the provisions of paragraph (b) above. The right to Transfer within the pool includes the right to lease water to other members of the Non-Agricultural Overlying Pool. In addition, the parties to the Judgment with rights within the Non-Agricultural Pool shall have the additional right to Transfer their rights to Watermaster for the purposes of Replenishment for a Desalter or for a Storage and Recovery Program.

The practical application of the last sentence needs to be clarified for Watermaster to be able to administer this term of the Peace Agreement.

During 2015 the City of Ontario proposed an agreement with Watermaster that, if approved, would have provided clarity on the application of the language in question. The item was set aside at the time, though Watermaster provided background information to assist the parties in coming to a conclusion. The May 14, 2015 staff report is shown as Attachment 1 to this staff letter.

DISCUSSION

The language of Peace Agreement 5.3(e) "...parties to the Judgment with rights within the Non-Agricultural Pool shall have the additional right to Transfer their rights to Watermaster for the purposes of Replenishment for a Desalter..." makes clear that a transfer from a Non-Agricultural Pool party to Watermaster to offset Desalter replenishment obligation is permissible. As, other than the Non-Agricultural Pool "haircut", Watermaster has not yet assessed for Desalter Replenishment Obligations, what remains to be clarified is which parties' Desalter replenishment obligations could be offset by such transfers.

As discussed in the May 14, 2015 Watermaster staff report, a permissible interpretation is that a Non-Agricultural Pool party could transfer water to Watermaster to meet the Desalter replenishment obligation of a specific Appropriate Pool party.

Watermaster is seeking the advice and assistance of the parties and the Advisory Committee in making correct interpretations of such transfers. Once clarification is received Watermaster will develop any necessary process and forms to facilitate the transactions, and if necessary, will adopt an appropriate clarification in its Rules and Regulations.

ATTACHMENTS

1. May 14, 2015 Staff Report Titled "City of Ontario Agreement for the Conditional Contribution of Safe Yield to Offset Future Desalter Replenishment" (including 2 attachments)



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 14, 2015
TO: Pool Committees
SUBJECT: City of Ontario Agreement for the Conditional Contribution of Safe Yield to Offset Future Desalter Replenishment

SUMMARY

Issue: The City of Ontario holds both appropriative and overlying water rights and is a member of both the Appropriative and Overlying (Non-Agricultural) Pools. It has indicated that a prospective purchase of water within the Overlying (Non-Agricultural) Pool is dependent upon learning whether it may dedicate a portion of water acquired to off-set a future Desalter replenishment obligation. It anticipates a future obligation to offset or replenish Desalter pumping and seeks confirmation, through an Agreement for the Conditional Contribution of Safe Yield to Offset Future Desalter Replenishment, that it may satisfy its obligation through dedication of Safe Yield arising under its overlying water rights.

Recommendation: Review and recommend Board action as to the proposed Agreement for the Conditional Contribution of Safe Yield to Offset Future Desalter Replenishment with the City of Ontario.

Financial Impact: None

Future Consideration

Non-Agricultural Pool: May 14, 2015; Review and recommend
Agricultural Pool: May 14, 2015; Review and recommend
Appropriative Pool: May 14, 2015; Review and recommend
Advisory Committee: May 21, 2015; Consideration of action
Watermaster Board: May 28, 2015; Consideration of action [Advisory Committee approval required]

ACTIONS:

May 14, 2015 -Appropriative Pool -
May 14, 2015 - Non-Agricultural Pool -
May 14, 2015 - Agricultural Pool -
May 21, 2015 -Advisory Committee -
May 28, 2015 - Watermaster Board -

BACKGROUND

The City of Ontario ("City") is a party to the Judgment and the owner of appropriative and overlying rights, and is a member of the Appropriative and Overlying (Non-Agricultural) Pools. The City has a prospective replenishment obligation attributable to the Desalters as a member of the Appropriative Pool. The City has indicated that it may wish to offset its Desalter Replenishment obligation through contribution of Safe Yield under its overlying water rights. The City has prepared an Agreement for the Conditional Contribution of Safe Yield to Offset Future Desalter Replenishment ("Agreement") to confirm its ability to offset its Desalter Replenishment obligation in this manner.

DISCUSSION

The City

The City is an original party to the 1978 Judgment, pursuant to which it was made a member of the Appropriative Pool, with a 20.742% share of the Operating Safe Yield. The City intervened into the Judgment as an Overlying (Non-Agricultural) Party in September 2008. As a result of its original purchase subsequent transfers, as of May 1, 2015, it has 2,627.807 acre-feet of Safe Yield in the Overlying (Non-Agricultural) Pool ("Non-Ag Pool"), and has requested approval of the permanent transfer of an additional 282.981 acre-feet of Safe Yield in the Non-Ag Pool to be effective in FY15-16.

Desalter Replenishment

A. The Development of the Desalter Replenishment Obligation

1. The Peace Agreement

The obligation for Desalter Replenishment initially arises out of paragraph 7.5 of the Peace Agreement, which provides for replenishment for the Desalters from specified sources in a designated order of priority. Specifically, paragraph 7.5 provides for replenishment first from a Watermaster Desalter Replenishment account composed of 25,000 AF of water abandoned to the Basin by Kaiser¹ and other water previously dedicated for the same purpose, then New Yield of the Basin, Safe Yield of the Basin, and finally "Additional Replenishment Water purchased by Watermaster², the costs of which shall be levied as an Assessment by Watermaster." (Peace Agreement, ¶ 7.5.)

2. First Amendment to Peace Agreement

In 2004, based on changes implemented through the Regional Water Quality Control Board's Basin Plan Amendment for the Chino Basin and the resultant lack of development of previously anticipated "Salt Credits", some Parties to the Peace Agreement contended that they should be relieved of their obligation to provide a share of storm flow recharge New Yield for Desalter Replenishment (First Amendment to Peace Agreement, Recital B.) As a result, the Stormwater component of New Yield was dedicated to the members of the Appropriative Pool according to their percentages of Safe Yield, and was excepted from Desalter Replenishment under Peace Agreement § 7.5(b). (First Amendment to Peace Agreement, ¶ 2.)

¹ This water was abandoned by Kaiser for this purpose pursuant to what Peace Agreement Section 7.2(a)(ii) refers to as "an agreement with the Watermaster, all Pools of Producers from the Chino Basin, Kaiser Ventures, Inc., formerly known as Kaiser Resources, Inc. (Kaiser) and the California Regional Water Quality Control Board, Santa Ana Region (RWQCB), regarding provision of certain water with which to satisfy the Replenishment obligation for operating the Desalter."

² Peace Agreement Section 5.3(e), describing the newly created mechanism through which members of the Overlying (Non-Agricultural) Pool could transfer water held in storage or pursuant to their annual production rights, provides that "the parties to the Judgment with rights within the Non-Agricultural Pool shall have the additional right to Transfer their rights to Watermaster for the purposes of Replenishment for a Desalter..."

3. Peace II Agreement

The Peace II Agreement, which contemplated expansion of the Desalters, further expressed the hierarchy through which water could be dedicated to offset Desalter Production, designating that the Section 6.2 controls the process. (Peace II, § 6.1.) Section 6.2 of the Peace II Agreement ("Peace II Desalter Production Offsets") provides that the Replenishment obligation attributable to Desalter production in any year will be determined by Watermaster by first applying a credit against the total quantity of Desalter Production from:

- (i) the Kaiser account (Peace Agreement Section 7.5(a).);
- (ii) dedication of water from the Overlying (Non-Agricultural) Pool Storage Account;
- (iii) New Yield (other than Stormwater (Peace Agreement Section 7.5(b)));
- (iv) any declared losses from storage in excess of actual losses enforced as a "Leave Behind";
- (v) Safe Yield that may be contributed by the parties (Peace Agreement Section 7.5(c));
- (vi) Any Production of groundwater attributable to the controlled overdraft authorized pursuant to amended Exhibit I to the Judgment.

To the extent available credits applied pursuant to the hierarchy above are insufficient to fully offset the quantity of groundwater production attributable to the Desalters, Peace II Section 6.2(b) directs Watermaster to "use water or revenue obtained by levying... assessments among the members of the Overlying (Non-Agricultural) Pool and the Appropriate Pool to meet any remaining replenishment obligation." (Peace II, § 6.2(b).)

Section 6.2(b) provides Watermaster shall first levy the Special OBMP Assessment against the Overlying (Non-Agricultural) Pool described in Exhibit "G" to the Judgment³, with water obtained through the assessment being dedicated by Watermaster to further off-set replenishment of the Desalters. (Peace II Agreement, § 6.2(b)(i).)

If, after application of the credits and water obtained pursuant to the Overlying (Non-Agricultural) Pool Special OBMP Assessment described above, a replenishment obligation remains, Watermaster is to levy a Replenishment Assessment against the Appropriate Pool, to be assessed pro-rata based on each Producer's combined total share of Operating Safe Yield and the previous year's actual production⁴, excluding Desalter Production.

4. Resolution 2010-04

In October 2010, after approval by the Pools and Advisory Committee, the Watermaster Board adopted Resolution 2010-04 in order to confirm the factual and legal assumptions of the Parties as they initiated the final required phase of the Desalter project. The resolution contains commitments by Watermaster and described commitments made by members of the Chino Desalter Authority (CDA) that facilitate the initiation of the final phase of the project.

³ Section 5(c) of the Overlying (Non-Agricultural) Pool Pooling Plan provides, "Special Project OBMP Assessment. Each year, every member of this Pool will dedicate ten (10) percent of their annual share of Operating Safe Yield to Watermaster or in lieu thereof Watermaster will levy a Special Project OBMP Assessment in an amount equal to ten percent of the Pool member's respective share of Safe Yield times the then-prevailing MWD Replenishment Rate."

⁴ Exhibit "D" to Resolution 2010-04 stated that the intended allocation of the residual Replenishment obligation among the members of the Appropriate Pool would be on the basis of 50% Base Annual Production Right and 50% actual Production. It further stated that the formula is used elsewhere in the Peace II Agreement and it is commonly understood by the Parties to the Judgment and Watermaster to apply in this manner. Watermaster staff understands this allocation mechanism to be on the basis of 50% Operating Safe Yield and 50% assessable production, which is the same as that used for the allocation of stored water in the settlement agreements regarding the Overlying (Non-Agricultural) Pool Purchase and Sale Agreements and that provided for allocation of water available through Physical Solution Transfers pursuant to Paragraph 9(b) of Restated Judgment, Exhibit "G".

Because the cost of Desalter Replenishment was anticipated to be significant⁵, as part of their agreement to move forward with the final portion of the Desalter project, the CDA members required certainty as to the manner in which Watermaster would implement Section 6.2 of the Peace II Agreement. The Parties' understanding of that implementation mechanism was included as Exhibit "D" to Resolution 2010-04, titled "Desalter Replenishment Post-Peace II Measures." (See Resolution 2010-04, Whereas Statement 72.) Exhibit "D" describes, by way of example, the manner in which a replenishment obligation might remain after the application of the credits described in the Peace II Section 6.2 hierarchy, described above,

Exhibit "D" further provides that it was the Parties' understanding that any individual member of the Appropriative Pool reserved its discretion to meet its Desalter Replenishment Obligation in any manner that it might choose that is otherwise consistent with the Judgment. By way of example, Exhibit "D" states that a party might "pursue water transfers, remove water from a stored water account or assign a share of Operating Safe Yield⁶" to offset its individual Replenishment Assessment. In this manner, Desalter Replenishment is treated no differently than replenishment for pumping in excess of a party's annual production right: "Nothing contained with[in] Peace II and its treatment of Replenishment for the Desalters limited the pre-existing rights of the parties with respect to Replenishment."

The understanding of the Parties regarding their Desalter Replenishment obligations, as documented in Exhibit "D", was approved by the Court as part of its October 28, 2011 Order after Hearing on Motion for Approval of Watermaster Resolution 2010-04, which ordered,

17. Agreements among the Parties, whatever they may be, for Replenishment, operations, conditions and corresponding consideration without limitations, are unaffected by this determination. However, for the avoidance of doubt, Watermaster Resolution 2010-04, Exhibit "D" accurately summarizes and restates these obligations.

(October 28, 2011 Order after Hearing on Motion for Approval of Watermaster Resolution 2010-04.)

B. Appropriative Pool Parties may meet their Desalter Replenishment Obligations through Either Monetary or Water Contributions

As described above, the obligation for Desalter Replenishment, for existing Desalters is apportioned among the Parties to the Judgment in accordance with the hierarchy set forth in Peace II Section 6.2. Assuming that in a particular year that Desalter Production exceeded water made available through the application of the hierarchy, the remaining obligation would be assumed by the members of the Appropriative Pool in accordance with the melded Annual Production Right and Production formula.

As described above, in the creation of the Peace II Section 6.2 requirements, it was the Parties' understanding, endorsed by the Court in its approval of Resolution 2010-04, that the Members of the Appropriative Pool may meet their Desalter Replenishment Obligations in any manner they choose, including through contribution of water – through the acquisition of water by way of allowed water transfers, through the removal of water from a stored water account or through the assignment of a portion of an annual production right – or may contribute financially toward the necessary cost of offsetting their individual Replenishment Assessments.

⁵ The applicable replenishment obligation arises in regard to the Production of the existing Desalters, as the Production that would occur as a result of the expansion of the Desalters was completely offset through the apportionment of a portion of the 400,000 acre-feet of Re-Operation water, approved by the Court pursuant to Condition Subsequent No. 7.

⁶ Watermaster has previously discussed mechanisms through which these contributions might be made – similar to preemptive replenishment, but there is no standard mechanism for the same. To date, no party has utilized this provision to dedicate Safe Yield for the purpose of offsetting Desalter obligations.

The City's Proposed Agreement

The Agreement states that the City has acquired and may, in the future, acquire Overlying (Non-Agricultural) Pool water rights in Safe Yield, and hold this water in storage "with the intention of subsequently contributing this Safe Yield to Watermaster." (Agreement, ¶ 1.) The Agreement provides that if a Replenishment Obligation arises that is attributable to Desalter Production, as provided in Section 6.2 of the Peace II Agreement, the City may contribute Safe Yield attributable to its overlying rights in the Non-Agricultural Pool to Watermaster for the purpose of offsetting its individual Replenishment Obligation as a member of the Appropriative Pool. (Agreement, ¶ 2.) Upon such a contribution, Watermaster would make a corresponding adjustment to the City's assessment and thereby reduce the City's Replenishment obligation in an amount equal to the number of acre-feet contributed by the City in that year. (Agreement, ¶ 2.)

The City seeks the Agreement to confirm its reading of the Peace and Peace II Agreements that it might utilize Safe Yield from its Non-Ag overlying rights to satisfy its Desalter production offset obligations. Confirmation is sought as this mechanism – dedication of Safe Yield arising from an overlying right to satisfy a specific Appropriator's offset obligation – is not explicitly enumerated in the Peace or Peace II Agreements. Although this mechanism not explicitly enumerated in the Peace or Peace II Agreements, staff's interpretation is that the City's reading is permissible.

A question has arisen as to whether the allowance of such a dedication would be contrary to other provisions of the Watermaster guidance documents, particularly in regard to other provisions of the Non-Ag Pool's Pooling Plan (Exhibit "G" to the Restated Judgment). Section 9 of Exhibit "G" describes the manner in which water may be transferred from the Safe Yield rights of a member of the Overlying (Non-Agricultural) Pool, providing that, during the term of the Peace Agreement, members of the Non-Ag Pool may transfer their quantified Production rights and carry-over water held in storage accounts to other members of the Non-Ag Pool, and to Watermaster and thence to members of the Appropriative Pool in accordance with the clearinghouse process outlined therein, which provides all members of the Appropriative Pool the opportunity to purchase a pro rata share of water made available for transfer. (Restated Judgment, Exhibit "G", 9.)

Consistent with Section 5.3(e) of the Peace Agreement ("... parties to the Judgment with rights within the Non-Agricultural Pool shall have the additional right to Transfer their rights to Watermaster for the purposes of Replenishment of a Desalter") Section 9 of Exhibit "G" additionally provides that such water may be directly transferred to Watermaster for replenishment purposes. Although this section does not expressly indicate that such a transfer may be earmarked to offset the obligation of a particular member of the Appropriative Pool, the language within Peace and Peace II Agreements is susceptible to a common sense interpretation that such dedication is permissible, and the mechanism is not expressly or impliedly limited under the Judgment, Peace I or Peace II, or Watermaster Rules and Regulations.

The Physical Solution Transfers authorized by the Peace Agreement and its progeny have always been construed as collective rights. To date, no party has articulated a good reason for requiring a gross dedication of Safe Yield for the benefit of all members of the Appropriative Pool where only one (or less than all) have provided the consideration for acquiring the underlying rights. Watermaster is seeking review and recommendation as to Watermaster's potential action to confirm that the City may satisfy its Replenishment obligation by dedicating Safe Yield arising under its overlying water rights, and enter into the draft Agreement, subject to obtaining Court approval.

ATTACHMENTS

1. Agreement for the Conditional Contribution of Safe Yield to Offset Future Desalter Replenishment
2. Exhibit "D" to Watermaster Resolution 2010-04

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**AGREEMENT FOR THE CONDITIONAL CONTRIBUTION
OF SAFE YIELD TO OFFSET FUTURE DESALTER REPLENISHMENT**

WHEREAS, Watermaster is charged with responsibility to administer the Judgment and the Optimum Basin Management Program ("OBMP");

WHEREAS, a substantial Replenishment Obligation for the Chino Basin Desalters is projected to arise starting as soon as next fiscal year;

WHEREAS, the City of Ontario ("City") is a party to the Judgment and the owner of appropriative and overlying rights and is a member of the Appropriative and Overlying (Non-Agricultural) Pools;

WHEREAS, the Judgment allocates the Basin's Safe Yield among the Appropriative, Overlying (Agricultural) and Overlying (Non-Agricultural) Pools;

WHEREAS, the City has acquired, and intends to acquire rights to a portion of the Safe Yield allocated among the members of the Overlying (Non-Agricultural) Pool;

WHEREAS, Section 9 of the Overlying (Non-Agricultural) Pooling Plan, Exhibit G to the Judgment, provides that members of the Pool may transfer their quantified Production rights "to Watermaster in conformance with the procedures described in the Peace Agreement between the Parties therein, dated June 29, 2000." Said Peace Agreement at Section 5.3 (e) provides that "parties to the Judgment with rights within the Non-Agricultural Pool shall have the additional right to Transfer their rights to Watermaster for the purposes of Replenishment for a Desalter....";

WHEREAS, Section 7.5(c) of the Peace Agreement provides that "Safe Yield" may be utilized for replenishment of Desalter production;

WHEREAS, pursuant to Peace Agreement II Section 6.2(a), which cites Section 7.5(c) of the Peace Agreement, Watermaster will determine the Replenishment Obligation attributable to the Desalters after taking into account Safe Yield "contributed by the parties";

WHEREAS, Exhibit D to Watermaster Resolution 2010-04, states that a party might pursue water transfers, remove water from a stored water account or assign a share of Operating Safe Yield to offset its individual Replenishment Assessment attributable to the Desalters.

WHEREAS, the City has a prospective Replenishment Obligation attributable to the Desalters as an individual member of the Appropriative Pool, which it may desire to offset through contribution of Safe Yield;

WHEREAS, Watermaster has previously acquired Safe Yield from other Parties to offset subsequent Desalter Replenishment obligations;

WHEREAS, the City intends to conditionally contribute Safe Yield acquired from the Overlying (Non-Agricultural) Pool to Watermaster in accordance with the provisions of

the Peace and Peace II Agreements;

NOW THEREFORE, the parties agree as follows:

AGREEMENT

1. City Acquisition of Safe Yield. The City has acquired and may, in the future, validly acquire Overlying (Non-Agricultural) Pool water rights in Safe Yield from Parties to the Judgment and hold this water in Local Storage with the intention of subsequently contributing this Safe Yield to Watermaster, provided that it complies with all Watermaster rules and regulations concerning the beneficial use and storage of Basin Water, including but not limited to the application of an annual loss from storage until a contribution occurs or the City otherwise elects to use the Safe Yield for another permissible purpose.

2. Contribution. At any time after the date of execution of this Agreement, if a Replenishment Obligation arises that is attributable to Desalter Production, the City may contribute Safe Yield, attributable to its overlying rights in the Non-Agricultural Pool, to Watermaster for the purpose of offsetting its individual Replenishment Obligation as a member of the Appropriate Pool or otherwise. Upon a City contribution, Watermaster will make a corresponding adjustment to the City's assessment and thereby reduce the City's Replenishment obligation in an amount equal to the number of acre-feet contributed by the City in that year.

3. No Prejudice. The execution of this Agreement will be without prejudice to the City's right to use the acquired Safe Yield for permissible purposes under the Judgment.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first above written.

CHINO BASIN WATERMASTER

By:

Name:
Title:

CITY OF ONTARIO

By:

Name:
Title:

EXHIBIT "D"

DESALTER REPLENISHMENT POST-PEACE II MEASURES

Summary

Desalter Replenishment is controlled by Peace II Section 6.2, attached hereto. As a result of the methodology referenced below, Western Municipal Water District (WMWD) will not incur any replenishment obligation for the 9 mgd expansion. This follows from the fact that WMWD is not a member of the Appropriative Pool and it was not required to become one as a precondition to the approval of the Peace II Measures, although it may elect in its discretion to do so.

WMWD has no share of Operating Safe Yield. Because the formula for apportioning the cost of Replenishment set forth in Section 6.2 attributable to the Desalters expressly excluded Production from the Desalters from the calculation of responsibility, even WMWD's intervention into the Appropriative Pool would not trigger a Replenishment obligation for WMWD. Specifically, without a share of Operating Safe Yield or any eligible groundwater production, there would be no basis to assess WMWD for a Replenishment Assessment.

It is also true that to the extent WMWD shared a portion of its rights to the 9 mgd expansion with Jurupa Community Services District and the City of Ontario as contemplated by Article VI, there would be no impact on the net Replenishment obligation of any other Party to the Judgment because all of the projected groundwater production planned for the proposed 9 mgd expansion was to be offset by the apportionment of 175,000 acre-feet for this purpose; both in the Court proceeding and in the filing in compliance with Condition Subsequent Number 7 (attached hereto as Exhibit "B").¹ (See below.) Replenishment attributable to the Chino I and Chino II Desalters is also addressed by formula in Peace Agreement II Section 6.2(b)(ii).

Replenishment Example

The obligation for Desalter Replenishment, for existing Desalters (as the Expansion was fully offset) was apportioned among the Parties to the Judgment in accordance with the hierarchy set forth in Peace Agreement II Section 6.2. Thus, assuming in Year X, there was 35,000 acre-feet of Desalter Production, the stated hierarchy of sources would be applied to satisfy the cumulative demand.

(1) Kaiser: (Peace Agreement II Section 6.2(a)(i))

¹ Subject to an adjustment in the schedule to reflect actual operations.

- (2) No Ag Dedication (Peace Agreement II Section 6.2(a)(ii))
- (3) New Yield other than Storm Water (Peace Agreement II Section 6.2(a)(iii))
- (4) Losses from Storage and Recovery Agreements enforced as a Leave Behind (Peace Agreement II Section 6.2(a)(iv)).
- (5) Contributed safe yield (Peace Agreement II Section 6.2(a)(v))
- (6) Controlled Overdraft as authorized (175 / 225). (Judgment Exhibit I.

Assuming for purposes of this example that the sum of (1)-(5) referenced above in Year X was 10,000 acre-feet, there would be a total Replenishment Requirement of 25,000 acre-feet. That quantity apportioned to the Expansion would be apportioned 10,000 acre-feet to offset that production (assuming the schedule is adhered to) and the balance would be assumed by the Appropriative Pool in accordance with the formula set forth in Section 6.2(b)(ii). In summary, that formula divides the residual Replenishment obligation among the members of the Appropriative Pool on the basis of 50% Base Annual Production Right and 50% actual Production. The actual language of Section 6.2(b)(ii) reads slightly different, but it is not inconsistent. This formula is used elsewhere in the Peace II Agreement and it is commonly understood by the Parties to the Judgment and Watermaster to apply in the manner described in this paragraph and this Exhibit.

The formula expressly, albeit provisionally, excludes Desalter Production from the calculation. This means that the 25,000 acre-feet of production in this example attributed to the Desalters would not form a basis to assess any member of CDA a larger assessment simply because they received desalted water. However, if there is a material reduction in the cost of desalted water, this provision was subject to a re-opener. (See below)

This structure preserves the intention of the parties, the Court and Watermaster to remove the Replenishment obligation from the cost consideration of the Expansion Project. The Replenishment obligation attributed to the Chino I and Chino II Desalters was a pre-existing and known obligation prior to Peace II. The use of water made available by the Peace II Measures substantially reduced the projected Replenishment obligation by 225,000 acre-feet.

It is true that there is a provision in Peace Agreement Section 6.2(b)(ii) that reflects that the exclusion of the Desalter production from the calculation might be revisited if the costs of water from the Desalters were to be materially reduced. However, as of October 28, 2010, Watermaster has no present information and thus no good cause that would suggest that the cost of product water from the Desalters is going to be substantially less than the negotiated price cap. Consequently it would appear that there is no present basis to reconsider this element although Watermaster and the Court would be authorized to revisit this provision if good cause were subsequently presented.

The treatment of Replenishment in any Renewal Term (Post-Peace Agreement 2030) is the subject of negotiation. (Peace Agreement II, Section 6.2(c)). This means that the inter-se allocation of the 400,000 acre-feet is fully addressed during the term of the Peace Agreement. The Parties to the Judgment are free to extend the Peace Agreement for the Renewal Term or to renegotiate any provision as a condition of extension.

Any individual member of the Appropriative Pool reserves discretion to meet their Replenishment Obligation in any manner that they may choose that is otherwise consistent with the Judgment. For example, a party may pursue water transfers, remove water from a stored water account or assign a share of Operating Safe Yield to offset their individual Replenishment Assessment. Nothing contained with Peace II and its treatment of Replenishment for the Desalters limited the pre-existing rights of the parties with respect to Replenishment.

Allocation of 400,000 Acre-Feet

As far as the inter-se apportionment of the allocation, Section 7 of the Peace II Agreement contemplated a fair process to arrive at an apportionment. An initial schedule was transmitted to the Court in response to the Court Order. The schedule was the subject of testimony and further reporting and ultimately a requirement for a schedule to be filed in connection with Condition Subsequent Number 7.

Watermaster filed its apportionment in response to Condition Subsequent Number 7, allocating 175,000 acre-feet to the expansion and 225,000 to the existing Desalters.

Peace Agreement II Section 7.2(e)(ii) authorizes Watermaster to propose revisions to the proposed schedule where good cause exists – supported by a technical explanation. A potential cause to revise the schedule might include the Expansion Project's failure to extract the allocated quantities as a result of delays in construction and operation. It is possible that there may be other public policy reasons that support other potential causes that would support a revision of the schedule, but no such reason has been presented to Watermaster.

In general, modest corrections are fairly likely to be acceptable. Material deviations may suggest a failure in one or more purposes of the OBMP Implementation Plan, and Watermaster is unable to predict how it may respond to the failure of the Expansion Project to proceed as planned.

Legal Effect of WMWD Intervention in the Appropriative Pool

As noted above, there is no requirement in the Peace II Measures that WMWD intervene into the Appropriative Pool. There is a requirement that

WMWD make the Appropriative Pool whole for historic contributions under Peace Agreement II Section 5.5(e). The requirements set forth in Section 5.5(e) of the Peace II Agreement have been satisfied by WMWD's assumption of project risk, out-of-pocket costs presently in excess of \$5 million (\$15 million for the Expansion Parties) and the further assumption of capital and operations and maintenance costs in excess of expectations (the cost-cap as for WMWD's portion of expenses. However, this finding is made only with regard to WMWD's obligation under Section 5.5 to complete final binding agreement(s) regarding Future Desalters. This finding is not intended to have any bearing or impact on the sufficiency of WMWD's assumption of risk and costs for any other purpose, including the availability of a reduced uniform loss percentage under Peace II Agreement Section 7.4. This finding also does not affect WMWD's rights or obligations to intervene into the Appropriative Pool on the terms and conditions that may be fairly agreed among the Appropriative Pool and WMWD.

Transferability of 400,000 Acre-Feet

There is no allocation of any portion of the 400,000 acre-feet to any individual party. The water is made available for the express purpose of offsetting Desalter production in furtherance of obtaining Hydraulic Control through Re-Operation. The water is apportioned as provided in Watermaster's Response to Condition Subsequent Number 7 to the December 21, 2007 Order of the Court.

EXHIBIT D-1

**PEACE II AGREEMENT:
PARTY SUPPORT FOR WATERMASTER'S OBMP
IMPLEMENTATION PLAN, –
SETTLEMENT AND RELEASE OF CLAIMS
REGARDING FUTURE DESALTERS**

6.2 Peace II Desalter Production Offsets. To facilitate Hydraulic Control through Basin Re-Operation, in accordance with the 2007 Supplement to the OBMP Implementation Plan and the amended Exhibits G and I to the Judgment, additional sources of water will be made available for purposes of Desalter Production and thereby some or all of a Replenishment obligation. With these available sources, the Replenishment obligation attributable to Desalter production in any year will be determined by Watermaster as follows:

- (a) Watermaster will calculate the total Desalter Production for the preceding year and then apply a credit against the total quantity from:
 - (i) the Kaiser account (Peace Agreement Section 7.5(a).);
 - (ii) dedication of water from the Overlying (Non-Agricultural) Pool Storage Account;
 - (iii) New Yield (other than Stormwater (Peace Agreement Section 7.5(b)));
 - (iv) any declared losses from storage in excess of actual losses enforced as a "Leave Behind";
 - (v) Safe Yield that may be contributed by the parties (Peace Agreement Section 7.5(c));
 - (vi) any Production of groundwater attributable to the controlled overdraft authorized pursuant to amended Exhibit I to the Judgment.
- (b) To the extent available credits are insufficient to fully offset the quantity of groundwater production attributable to the Desalters, Watermaster will use water or revenue obtained by levying the following assessments among the members of the Overlying (Non-Agricultural) Pool and the Appropriative Pool to meet any remaining replenishment obligation as follows.

- (i) A Special OBMP Assessment against the Overlying (Non-Agricultural) Pool as more specifically authorized and described in amendment to Exhibit "G" paragraph 8(c) to the Judgment will be dedicated by Watermaster to further off-set replenishment of the Desalters. However, to the extent there is no remaining replenishment obligation attributable to the Desalters in any year after applying the off-sets set forth in 6.2(a), the OBMP Special Assessment levied by Watermaster will be distributed as provided in Section 9.2 below. The Special OBMP Assessment will be assessed pro-rata on each member's share of Safe Yield, followed by
 - (ii) A Replenishment Assessment against the Appropriative Pool, pro-rata based on each Producer's combined total share of Operating Safe Yield and the previous year's actual production. Desalter Production is excluded from this calculation. However, if there is a material reduction in the net cost of Desalter product water to the purchasers of product water, Watermaster may re-evaluate whether to continue the exclusion of Desalter Production but only after giving due regard to the contractual commitment of the parties.
 - (iii) The quantification of any Party's share of Operating Safe Yield does not include the result of any land use conversions.
- (c) The rights and obligations of the parties, whatever they may be, regarding Replenishment Assessments attributable to all Desalters and Future Desalters in any renewal term of the Peace Agreement are expressly reserved and not altered by this Agreement.

CHINO BASIN WATERMASTER

II. BUSINESS ITEMS

- E. AMENDMENTS TO JUDGMENT AND CAMA TO IMPLEMENT SETTLEMENT AGREEMENT REGARDING APPEAL FROM APRIL 28, 2017 ORDER**



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: June 21, 2018
TO: Advisory Committee Members
SUBJECT: Amendments to Judgment and CAMA to Implement Settlement Agreement Regarding Appeal from April 28, 2017 Order (Business Item II.E.)

SUMMARY

Issue: The parties to the appeal from the April 28, 2017 Order are proposing amendments to the Judgment and CAMA. These are being presented to the Pools for consideration.

Recommendation: Discuss and offer advice.

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

Future Consideration

Advisory Committee – June 21, 2018: Discuss and offer advice

ACTIONS:

Appropriative Pool – June 14, 2018: Gave permission to its Legal Counsel to work with Watermaster's Legal Counsel to work as to the process of bringing the item forward.

Non-Agricultural Pool – June 14, 2018: Directed Pool Counsel to review the proposed changes to the Judgment and specifically request that Paragraph 5.3(e) interpretation be included in a revised settlement agreement draft.

Agricultural Pool – June 15, 2018: Offered no comments at this time

BACKGROUND

The parties to the Appeal from the April 28, 2017 Order are proposing changes to the Judgment, Peace Agreement and Peace II Agreement, as a means of implementing a settlement agreement to dispose of the pending appeal.

The parties to the appeal also suggest there may be an erroneous reference in Peace II, which could be corrected as part of the same process. In sections 6.2(b)(i) and 9.2(a), "paragraph 8(c)" should be "paragraph 5(c)".

DISCUSSION

The proposed amendments including exhibits were transmitted electronically to the Watermaster distribution list on Friday June 8, 2018 and are shown as Attachment 1. The Pools are requested to discuss these and offer advice.

ATTACHMENTS

1. Work product of parties to the Appeal from April 28, 2017 Order titled "Proposed Changes to Judgment and CAMA"

DRAFT LSGK 6/6/2018

Proposed Changes to Judgment and CAMA

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

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

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

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

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

(o) “Early Transfer” means the reallocation of Safe Yield not Produced by the Agricultural Pool to the Appropriative Pool on an annual basis ***after all land use conversion claims are satisfied*** rather than according to the five year increment described in Paragraph 10 of Exhibit “H” of the Judgment;

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

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

- (i) The Early Transfer water shall be annually allocated among the members of the Appropriative Pool in accordance with their pro-rata share of the initial Safe Yield.
- (ii) The Transfer shall not limit the Production right of the Agricultural Pool under the Judgment to Produce up to 82,800 acre-feet of water in any year or 414,000 acre feet in any five years as provided in the Judgment.
- (iii) The combined Production of all parties to the Judgment shall not cause a Replenishment assessment on the members of the Agricultural Pool. The Agricultural Pool shall be responsible for any Replenishment obligation created by the Agricultural Pool Producing more than 414,000 acre-feet in any five-year period.
- (iv) The parties to the Judgment and Watermaster shall Produce water in accordance with the Operating Safe Yield and shall procure sufficient quantities of Replenishment Water to satisfy over-Production requirements, whatever they may be, and avoid Material Physical Injury to any party to the Judgment or the Basin;
- (v) Nothing herein shall be construed as modifying the procedures or voting rights within or by the members of the Agricultural Pool.

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

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

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

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

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

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

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

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

- (1) 85% of the total (8,500 afy) will be allocated according to the Operating Safe Yield percentage of each Appropriative Pool member; and*
- (2) After all unproduced Overlying (Agricultural) Pool water is allocated pursuant to Exhibit H, paragraph 10 of the Judgment, 15% of the total (1,500 afy) will be allocated according to each land use conversion agency’s percentage of the total land use conversion claims in a particular year. The formula is to be adjusted annually based on the actual land use conversion allocations of the year.*

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

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

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

- (iii) ~~(ii)~~ *A Replenishment Assessment against the Appropriative Pool for any remaining Desalter replenishment obligation, allocated pro-rata to each Appropriative Pool member according to the combined total of the member's share of Operating Safe Yield and the member's Adjusted Physical Production, as defined below. pro-rata based on each Producer's combined total share of Operating Safe Yield and the previous year's actual production. Desalter Production is excluded from this calculation. A sample calculation of the allocation of the remaining desalter obligation is shown in Exhibit __ to this Peace II Agreement. However, if there is a material reduction in the net cost of Desalter product water to the purchasers of product water, Watermaster may re-evaluate whether to continue the exclusion of Desalter Production but only after giving due regard to the contractual commitment of the parties.*
- (iv) *Adjusted Physical Production for a particular year is the Appropriative Pool member's total combined physical production (i.e., all groundwater pumped or produced by the Appropriative Pool member's groundwater wells in the Chino Basin), with the following adjustments:*
- (1) In the case of assignments among Appropriative Pool members, or between Appropriative Pool members and Non-Agricultural Pool members, resulting in pumping or production by one party to the Judgment for use by another party to the Judgment, the production for purposes of Adjusted Physical Production shall be assigned to the beneficiary, not the actual producer.*
 - (2) Production offset credits pursuant to voluntary agreements under section 5.3(i) of the Peace Agreement are calculated at 50% of the total voluntary agreement credit in the determination of Adjusted Physical Production for an Appropriative Pool member participating in a voluntary agreement for that year. In the determination of Adjusted Physical Production, the voluntary agreement credit is subtracted from physical production. Reduction of the voluntary agreement credit from 100% to 50% is applicable only to the calculation of the Adjusted Physical Production hereunder; but in all other applications, the voluntary agreement credit shall remain unchanged (i.e. remain at 100%).*
 - (3) Production associated with approved storage and recovery programs (e.g., Dry Year Yield recovery program with MWD) is not counted in Adjusted Physical Production, except that in-lieu participation in such programs shall be added to Adjusted Physical Production.*

- (4) Production that is subsequently recharged to the groundwater basin within the same Year is not counted in Adjusted Physical Production.***
- (5) The Appropriative Pool may approve, by unanimous vote, the inclusion of other items in the determination of Adjusted Physical Production.***
- (v) Any member of the Appropriative Pool that holds Non-Agricultural-Pool water rights as a member of the Non-Agricultural Pool may, in its sole discretion, use them to satisfy its desalter replenishment obligation under this section 6.2(b). Eligible Non-Agricultural-Pool rights are limited to water held in storage as of June, 2017, and annually recurring Non-Agricultural-Pool water rights held as a member of the Non-Agricultural Pool. Eligible Non-Agricultural-Pool rights exclude rights already dedicated to the Special Project OBMP Assessment (10% haircut) under section 6.2(b)(i), and any stored water purchased or water rights leased or temporarily transferred directly from a member of the Non-Agricultural Pool pursuant to Exhibit G, ¶9(i) of the Judgment after June, 2017.***
- (vi) ~~(iii)~~ The quantification of any Party's share of Operating Safe Yield does not include either land use conversions or Early Transfers.***

COMPROMISE AND SETTLEMENT DOCUMENT
 Schedule for Use of ReOperation Water
 5/16/2018

NEW PROPOSAL

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

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

Appropriative Pool Desalter Replenishment Obligation Contributions - Production Year 2013-14

Production Year 2013/2014 Desalter Replenishment Obligation (DRO) Contribution:

10,000.000 AF

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

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

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

10,000.000 AF

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

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

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

10,000.000 AF

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

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

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

10,000.000 AF

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

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

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

Appropriative Pool: Remaining Desalter Replenishment Obligation (RDRO) - Production Year 2013-14

Remaining Desalter Replenishment Obligation (RDRO):

CDA Production - Peace I Allocation	29,227.997
CDA Production - Peace II Allocation	14.555
Total Desalter Replenishment Obligation (Total DRO):	29,242.552
Desalter Replenishment Contribution (DROC)	(10,000.000)
Reoperation Water (approved in Peace II)	(12,500.000)
RDRO	6,742.552

acre-feet

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

Appropriative Pool: Remaining Desalter Replenishment Obligation - Production Year 2013/14 2014/15

Remaining Desalter Replenishment Obligation (RDRO):

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

acre-feet

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Appropriative Pool Party	Operating Safe Yield	Production Year 2014/15 Common Data (From Approved 2015/2016 Assessment Package - Appendix A)					Methodology for Calculation of Adjusted Physical Production (APP)	Methodology for Calculation of "RDRO"
	a	b	c	d	e	f	APP = [b+(c*50%)+d+e+f]	Individual Party RDRO = ((a+APP)/(Total a + Total APP)) * RDRO
	Assessment Package Page 2A: Column 2D	Physical Production	Voluntary Agreements (w/Ag)	Assignments (w/Non-Ag)	Storage and Recovery Programs	Other Adjustments	*Note: APP for City of Chino does not include "Other Adjustments" for this period	
Arrowhead Mtn Spring Water Co	0.000	426.139	0.000	0.000	0.000	0.000	426.139	22.092
Chino Hills, City of	2,111.422	3,757.338	(96.029)	0.000	0.000	0.000	3,709.324	301.763
Chino, City of	4,033.857	6,546.044	(6,460.660)	(90.247)	0.000	4.863	3,225.467	376.343
Cucamonga Valley Water District	3,619.454	14,639.960	0.000	0.000	0.000	0.000	14,639.960	946.618
Fontana Union Water Company	6,391.736	0.000	0.000	0.000	0.000	0.000	0.000	331.365
Fontana Water Company	1.000	13,344.225	0.000	0.000	0.000	0.000	13,344.225	691.853
Fontana, City of	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Golden State Water Company	411.476	720.259	0.000	0.000	0.000	0.000	720.259	58.672
Jurupa Community Services District	2,061.118	12,805.464	0.000	(370.990)	0.000	32.103	12,466.577	753.156
Marygold Mutual Water Company	655.317	1,250.349	0.000	0.000	0.000	0.000	1,250.349	98.795
Monte Vista Irrigation Company	676.759	0.000	0.000	0.000	0.000	0.000	0.000	35.085
Monte Vista Water District	4,823.954	7,401.629	(132.454)	0.000	0.000	(367.636)	6,947.766	610.278
Niagara Bottling, LLC	0.000	1,859.765	0.000	0.000	0.000	0.000	1,859.765	96.415
Nicholson Trust	4.000	0.000	0.000	0.000	0.000	0.000	0.000	0.207
Norco, City of	201.545	0.000	0.000	0.000	0.000	0.000	0.000	10.449
Ontario, City of	11,373.816	17,675.687	(4,388.312)	(1,856.735)	0.000	0.000	13,624.796	1,295.997
Pomona, City of	11,215.852	12,520.382	0.000	0.000	0.000	0.000	12,520.382	1,230.551
San Antonio Water Company	1,506.888	1,479.087	0.000	0.000	0.000	0.000	1,479.087	154.801
San Bernardino, County of (Shooting Park)	0.000	10.868	0.000	0.000	0.000	0.000	10.868	0.563
Santa Ana River Water Company	1,301.374	0.000	0.000	0.000	0.000	0.000	0.000	67.467
Upland, City of	2,852.401	3,416.416	0.000	0.000	0.000	0.000	3,416.416	324.993
West End Consolidated Water Co	947.714	0.000	0.000	0.000	0.000	0.000	0.000	49.132
West Valley Water District	644.317	0.000	0.000	0.000	0.000	0.000	0.000	33.403
	54,834.000	97,853.612	(11,077.455)	(2,317.972)	0.000	(350.670)	89,641.380	7,490.000

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

2015/16

Remaining Desalter Replenishment Obligation (RDRO):

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

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

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

2016/17

Remaining Desalter Replenishment Obligation (RDRO):

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

acre-feet

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Appropriative Pool Party	Operating Safe Yield	Production Year 2015/16 Common Data (From Approved 2016/17 Assessment Package - Appendix A)					Methodology for Calculation of Adjusted Physical Production (APP)	Methodology for Calculation of "RDRO"
	a	b	c	d	e	f	APP = [b+(c*50%)+d+e+f]	Individual Party RDRO = ((a+APP)/(Total a + Total APP)) * RDRO
	Assessment Package Page 2A: Column 2D	Physical Production	Voluntary Agreements (w/Ag)	Assignments (w/Non-Ag)	Storage and Recovery Programs	Other Adjustments	*Note: APP for City of Chino does not include "Other Adjustments" for this period	
Arrowhead Mtn Spring Water Co	0.000	367.348	0.000	0.000	0.000	0.000	367.348	13.019
Chino Hills, City of	2,111.422	2,246.284	(94.257)	0.000	0.000	0.000	2,199.156	152.769
Chino, City of	4,033.857	4,971.503	(4,521.420)	(51.143)	0.000	0.000	2,654.650	237.044
Cucamonga Valley Water District	3,619.454	16,561.990	0.000	0.000	0.000	0.000	16,561.990	715.239
Fontana Union Water Company	6,391.736	0.000	0.000	0.000	0.000	0.000	0.000	226.526
Fontana Water Company	1.000	13,250.493	0.000	0.000	0.000	0.000	13,250.493	469.639
Fontana, City of	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Golden State Water Company	411.476	850.347	0.000	0.000	0.000	0.000	850.347	44.720
Jurupa Community Services District	2,061.118	11,497.599	0.000	(505.790)	0.000	31.408	11,023.217	463.715
Marygold Mutual Water Company	655.317	618.563	0.000	0.000	0.000	0.000	618.563	45.147
Monte Vista Irrigation Company	676.759	0.000	0.000	0.000	0.000	0.000	0.000	23.985
Monte Vista Water District	4,823.954	7,086.159	(125.309)	(17.784)	0.000	(78.112)	6,927.609	416.481
Niagara Bottling, LLC	0.000	1,531.557	0.000	0.000	0.000	0.000	1,531.557	54.279
Nicholson Trust	4.000	0.000	0.000	0.000	0.000	0.000	0.000	0.142
Norco, City of	201.545	0.000	0.000	0.000	0.000	0.000	0.000	7.143
Ontario, City of	11,373.816	24,839.724	(4,222.013)	(1,647.489)	0.000	0.000	21,081.229	1,150.221
Pomona, City of	11,215.852	8,066.802	0.000	0.000	0.000	0.000	8,066.802	683.386
San Antonio Water Company	1,506.888	537.746	0.000	0.000	0.000	0.000	537.746	72.463
San Bernardino, County of (Shooting Park)	0.000	13.037	0.000	0.000	0.000	0.000	13.037	0.462
Santa Ana River Water Company	1,301.374	0.000	0.000	0.000	0.000	0.000	0.000	46.121
Upland, City of	2,852.401	1,259.776	0.000	0.000	0.000	(187.860)	1,071.916	139.080
West End Consolidated Water Co	947.714	0.000	0.000	0.000	0.000	0.000	0.000	33.587
West Valley Water District	644.317	0.000	0.000	0.000	0.000	0.000	0.000	22.835
	54,834.000	93,698.928	(8,972.999)	(2,222.206)	0.000	(234.564)	86,755.659	5,018.000

Appropriative Pool: Remaining Desalter Replenishment Obligation

Production Year **2013-17**

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

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CHINO BASIN WATERMASTER

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)



CHINO BASIN WATERMASTER

ADVISORY COMMITTEE

June 21, 2018

INLAND EMPIRE UTILITIES AGENCY REPORTS

The following items are provided for receive and file.

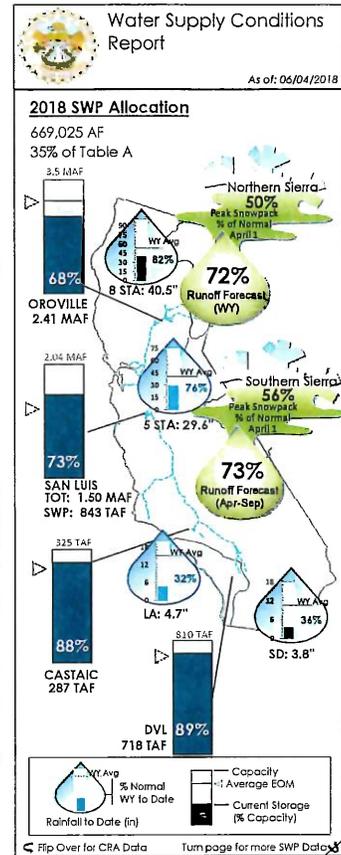
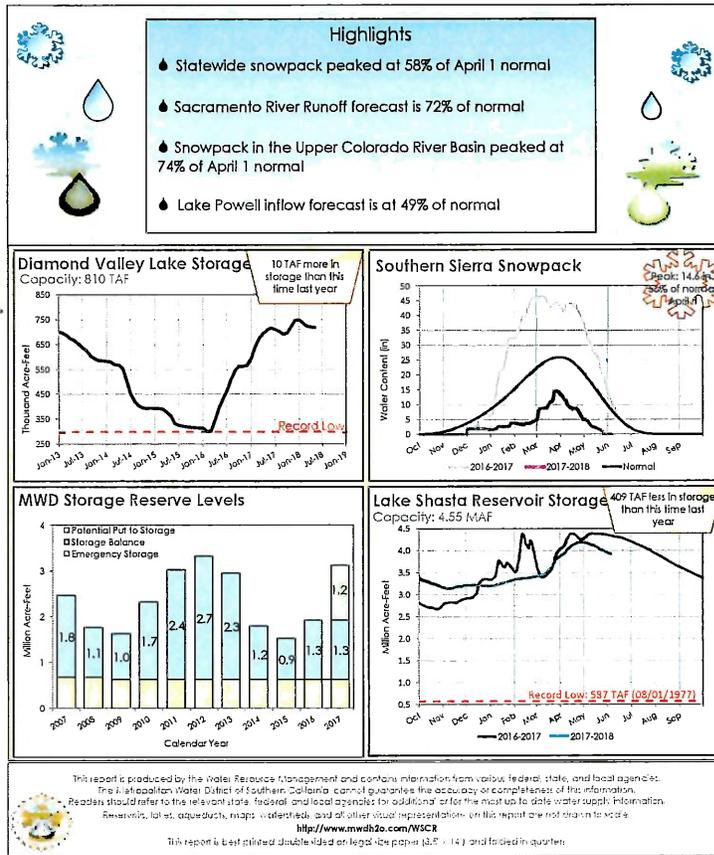
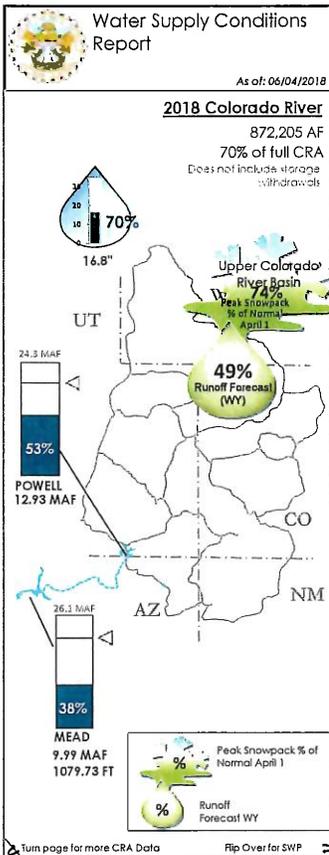
- IEUA Updates (Written)
- Water Supply Conditions
- State and Federal Legislative Reports
- Community Outreach/Public Relations Report

**CBWM Advisory Committee Meeting
June 21, 2018**

Inland Empire Utilities Agency
Water Resources Updates

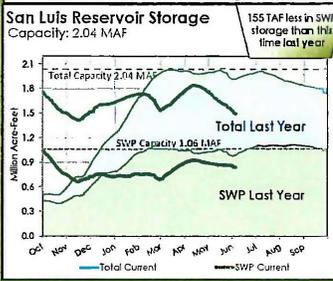
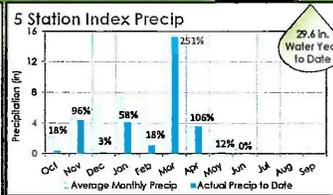
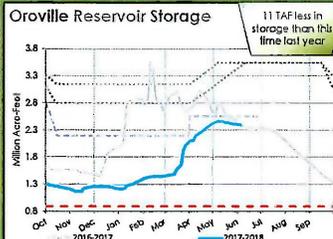
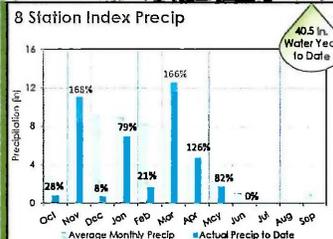
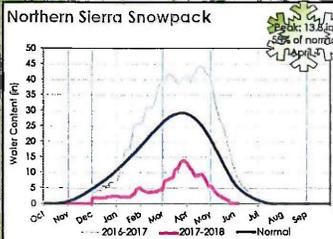
MWD:

- Department is Water Resources increases the SWP Allocation to 35%. This Table A Allocation allows MWD to balance supply to demands for the Calendar Year without takes from storage.
- MWD is kicking off a series of workshops to re-evaluate their water storage programs and emergency storage requirements. The initial workshop was hosted in May. This evaluation identified that the East Branch of the SWP could be out for up to 24-months under a catastrophic/large seismic event. IEUA will work closely with MWD to help identify ways to increase operational and water supply flexibility for the Rialto Feeder.
- DRY YEAR YIELD (DYY): The Chino Basin DYY program for FY 17/18 has concluded. From July 2017 through March 2018 the DYY program has recharged a total of 35,069.6 AF, and Monte Vista Water District has injected 2,495.0 AF. A total of 41,388.3 AF has been stored in the Chino Basin DYY account. At this time, there is no expectation that there will be a request to store or extract water in the DYY account in the next fiscal year.



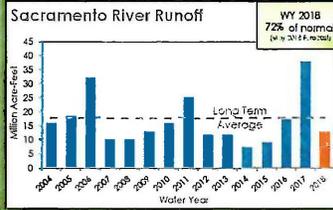
As of: 06/04/2018

State Water Project Resources



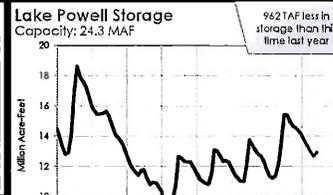
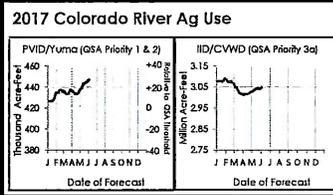
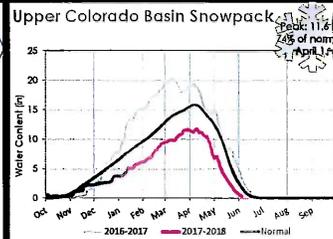
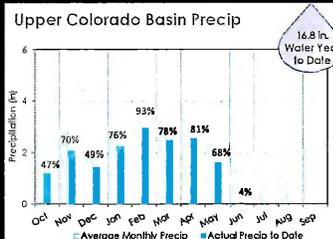
Other SWP Contract Supplies for 2018 (AF)

Transfer/Exchanges	16,500
Article 21	TBD
Pool A/B (Purchased)	TBD
Carryover Supplies	297,000



Colorado River Resources

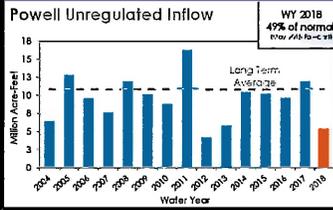
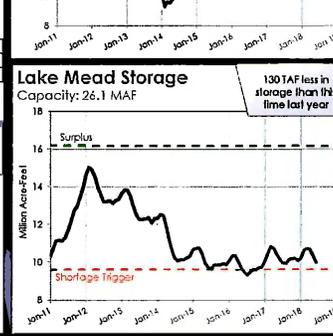
As of: 06/04/2018



Lake Mead Shortage/Surplus Outlook

	2019	2020	2021	2022	2023
Shortage	0%	52%	64%	68%	65%
Surplus	0%	0%	3%	6%	10%

Uncertainty based on results from the April 2018 USBR 141-017-ACRES model run.



State Legislation

Bill Number	Sponsor	Title and/or Summary	Summary/Status	IEUA Position
AB 1668	Friedman	An Act Relating to Water	This bill would state the intent of the Legislature to enact legislation necessary to help make water conservation a California way of life.	SUPPORT Signed by Governor
AB 1654	Rubio	An Act Relating to Water	This bill would state the intent of the Legislature to enact legislation necessary to help make water conservation a California way of life.	WATCH Senate Natural Resources and Water
AB 1876	Frazier	Sacramento-San Joaquin Delta: Delta Stewardship Council	The Sacramento-San Joaquin Delta Reform Act of 2009 establishes the Delta Stewardship Council, which consists of 7 members, and requires the council to develop, adopt, and commence implementation of a comprehensive management plan for the Delta, known as the Delta Plan. This bill would increase the membership of the council to 13 members, including 11 voting members and 2 nonvoting members, as specified.	OPPOSE DEAD
AB 869	Rubio	Sustainable water use and demand reduction: recycled water	Excludes, from the calculation of any water use or water efficiency target established after 2020, recycled water, as specified, delivered within the service area of an urban retail or wholesale water supplier	WATCH Senate Natural Resources and Water
AB 3037	Chiu	Community Redevelopment Law of 2018	Would authorize a city or county to propose the formation of a redevelopment housing and infrastructure agency by adoption of a resolution of intention that meets specified requirements, and providing that resolution to each affected taxing entity. The bill would require the city or county that adopted that resolution to hold a public hearing on the proposal to consider all written and oral objections to the formation, as well as any recommendations of the affected taxing entities, and would authorize that city or	WATCH, and work with CSDA Died on Suspense

			county to adopt a resolution of formation at the conclusion of that hearing.	
SB 606	Skinner/Hertzberg	An Act Relating to Water	This bill would state the intent of the Legislature to enact legislation necessary to help make water conservation a California way of life.	SUPPORT Signed by Governor
SB 623	Monning	Water Quality: Safe and Affordable Drinking Water Fund	Would establish the Safe and Affordable Drinking Water Fund in the State Treasury and would provide that moneys in the fund are continuously appropriated to the State Water Resources Control Board. The bill would require the board to administer the fund to secure access to safe drinking water for all Californians, while also ensuring the long-term sustainability of drinking water service and infrastructure. The bill would authorize the state board to provide for the deposit into the fund of federal contributions, voluntary contributions, gifts, grants, bequests, and settlements from parties responsible for contamination of drinking water supplies.	WATCH Assembly Rules Committee
AB 2697	Gallagher	Wildlife, bird, and waterfowl habitat: idled agricultural lands	Would require the Wildlife Conservation Board to establish a program, which may include direct payments or other incentives, to encourage landowners to voluntarily cultivate or retain cover crops or other upland vegetation on idled lands to provide waterfowl, upland game bird, and other wildlife habitat cover for purposes, including, but not limited to, encouraging the use of idle agricultural lands for wildlife habitat. The bill would also authorize the department to provide incentives pursuant to the program for the creation or enhancement of waterfowl brood habitat, and to develop guidelines and criteria for the program as it deems appropriate.	WATCH Senate Desk 5/25 Amends removed opposition.

AB 1778	Holden	Transit-Oriented Redevelopment Law of 2018	Current law dissolved redevelopment agencies as of February 1, 2012, and designates successor agencies to act as successor entities to the dissolved redevelopment agencies. This bill, the Transit-Oriented Redevelopment Law of 2018, would authorize a city or county to propose the formation of a redevelopment agency by adopting a resolution of intention that meets specified requirements, and submitting that resolution to each affected taxing entity and to each owner of land within the district.	WATCH Asm. Local Gov. Never heard in policy committee DEAD
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June 1, 2018

To: Inland Empire Utilities Agency

From: Michael Boccadoro
Beth Olhasso
Maddie Dunlap

RE: May Report

Overview:

Despite mediocre winter precipitation and rapidly melting snowpack, California's major reservoirs continue to hover around capacity, prompting both the Bureau of Reclamation and the Department of Water Resources to increase allocations for Central Valley Project and State Water Project contractors.

In a continued effort to ensure higher allocations in the future through improved Delta conveyance, Metropolitan Water District of Southern California has pulled yet another trick out of their hat. This time, the agency has revived the two-tunnel plan by voting to front roughly two-thirds of the project cost. This vote set off a chain reaction of events that seems to have given the project a more promising future than it has enjoyed in months.

In energy news, the California Independent System Operator (CAISO) has issued a warning that it expects "challenging summer operating conditions" and tight capacity based on the current resource mix and increasing renewable generation. CAISO is predicting a 50 percent probability that it will need to declare a Stage 2 emergency for at least one hour during the season—a declaration that has not occurred since 2007.

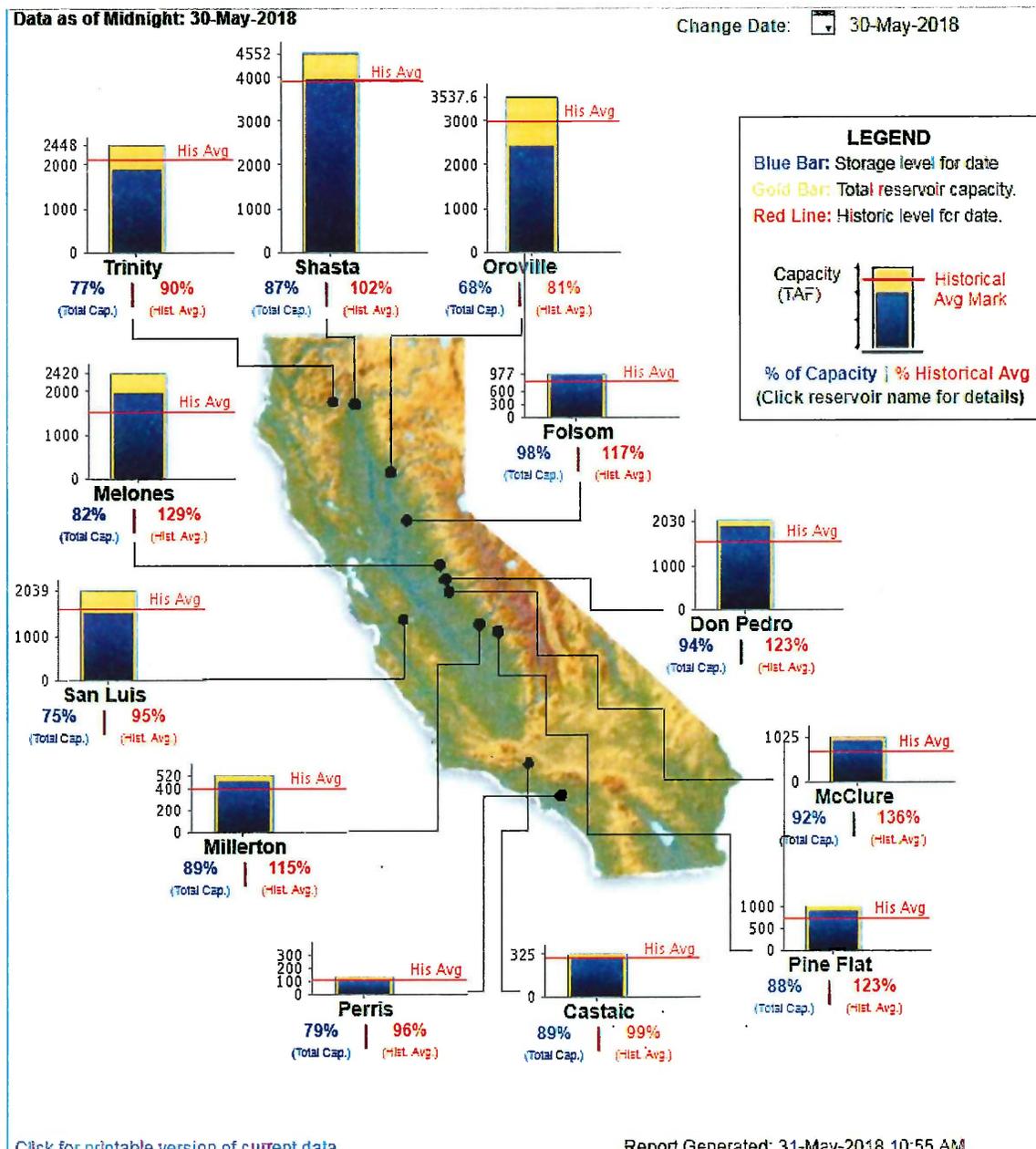
The California Energy Commission (CEC) recently unanimously voted to adopt new building efficiency standards that would increase solar generation even further. The controversial new standards include requirements for new homes to be constructed with solar power starting in 2020.

The Legislature stayed on track meeting key deadlines in the month of May, including the June 1st house of origin deadline just ahead of the June 15th budget deadline. Additionally, Governor Brown released his final May revision to his proposed budget on May 11th.

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Inland Empire Utilities Agency Status Report – May 2018

Water Supply Conditions



As spring temperatures heat up, snowpack levels have predictably fallen off in recent weeks. It is typical for this mountain reserve to dwindle as the year goes on, but currently the snowpack is

only at 6 percent of average statewide. While this low number is concerning, major reservoirs around the state continue to hover near capacity as snowpack melts and the effects of last year's historically wet winter linger.

In light of continued high reservoir conditions, the Department of Water Resources increased the State Water Project allocation to 30 percent – up from 20 percent in January and 15 percent in December.

California WaterFix Update

The status of the California WaterFix projects continues to evolve as the Brown Administration's remaining months wind down. After the Metropolitan Water District of Southern California (MWD) voted to fund \$10.8 billion of the \$16.7 billion two-tunnel project, the remaining project beneficiaries are considering whether or not they want to join in this most recent proposal.

The first agency to do so was the Santa Clara Valley Water District (SCVWD), who originally voted last October to contribute, at most, \$200 million only if the project followed a "phased in" approach. Following MWD's most recent proposal, SCVWD voted 4-3 to contribute up to \$650 million to the project.

At a recent oversight hearing, Karla Nemeth, Director of DWR, presented on the status of the project along with Eileen Sobock, Executive Director of the State Water Resources Control Board, who provided an update on the status of the water rights proceeding at the state water board. Jeffrey Kightlinger, General Manager of MWD, and Jennifer Pierre, General Manager of the State Water Contractors, presented on the proposed operation of the project and the benefitting agencies roll. Doug Obegi with the Natural Resources Defense Council, Don Natoli with the Delta Counties Coalition, and Osha Meserve on behalf of Delta area agencies and wildlife interests presented the opposition's side.

The remaining project beneficiaries are expected to vote on this most recent proposal in the coming weeks. Meanwhile, MWD, SCVWD and Zone 7 Water Agency in Livermore announced their formation of the [Delta Conveyance Design and Construction Joint Powers Authority](#) (DCA). Under the Department of Water Resources' (DWR) oversight, the DCA, as a public agency, will provide a means for the beneficiaries of the project to pool expertise and resources to "safely design, construct and deliver the project on time, on budget and in accordance with approved specifications, while managing risk prudently and ensuring compliance with all applicable laws."

The DCA's responsibilities will be as follows:

- Implement final planning and design, construction and all financial accounting
- Develop the program's strategic spending and business plans
- Let and manage construction contracts
- Select and supervise the Executive Director, Engineering Design Manager and other staff/consultants
- Develop and implement a program-wide safety policy and approach to risk management
- Ensure compliance with construction specifications and mitigation measures
- Provide regular updates and reports to DWR

- Maintain transparency through the DCA Board and public information programs
- Finalize remaining permits and ensure compliance with terms

Construction of California WaterFix will begin once all the necessary permits are complete, which is anticipated to be toward the end of this year. The DCA will deliver the project to DWR after construction is complete. To oversee and facilitate this process, DWR has created the [Delta Conveyance Office](#) (DCO). The State will retain authority and oversight of WaterFix regulatory obligations, environmental mitigation and quality assurance. Gary Lippner was appointed on February 20, 2018 as the Deputy Director of Delta Conveyance, to manage the DCO.

Lastly, in yet another surprise, Rep. Ken Calvert (R-Riverside County) released a [142-page draft spending bill](#) for the Interior Department’s 2019 fiscal year that included a brief provision prohibiting state or federal lawsuits against "the Final Environmental Impact Report/Final Environmental Impact Statement for the Bay Delta Conservation Plan/California Water Fix ... and any resulting agency decision, record of decision, or similar determination."

Calvert argues that after years and hundreds of thousands of pages of analysis, the project has been properly reviewed. Environmentalists of course have already raised vocal opposition to the provision. The bill has only just been introduced in the House and will still need to pass through the Senate as well.

CAISO Concerned About Summer Grid Operations

The California Independent System Operator (CAISO) has issued a warning that it expects “challenging summer operating conditions” and tight capacity based on the current resource mix and increasing renewable generation. The conditions will be felt mostly on hot nights when solar power dissipates. CAISO notes that diminished hydro supplies and less natural gas generation and supply constraints are contributing factors to the complicated grid management.

CAISO is predicting a 50 percent probability that it will need to declare a Stage 2 emergency for at least one hour during the season—a declaration that has not occurred since 2007. A Stage 2 emergency occurs when the reserve margin has fallen to less than five percent. Rotating power outages could only be initiated during a Stage 3 emergency, and involves CAISO forcing utilities to shut off electricity to certain blocks to prevent large-scale outages.

CAISO projects that 51,947 MW of generation capacity will be available to serve demand this summer with “normal” peak demand projected at 46,625 MW, and also noted that the peak load reached 50,116 MW last summer.

CEC Requires Solar on New Homes by 2020

The California Energy Commission (CEC) recently unanimously voted to adopt new building efficiency standards. The new standards include requirements for new homes to be constructed with solar power starting in 2020. The new policy is in response to the state’s energy efficiency targets outlined in SB 530 (de Leon, 2016).

The new policy in the state’s Energy Efficiency Strategic Plan calls for all new residential construction to be zero net energy by 2020 and all new commercial construction to be zero net energy by 2030. All new measures must meet cost-effectiveness tests on a life-cycle basis. The

analysis by CEC consultant, Energy and Environment Economics, estimated the measure would reduce statewide electricity use by 323 GWh in 2030.

Legislative Update

The Legislature stayed on track meeting key deadlines in the month of May, including the June 1st house of origin deadline just ahead of the June 15th budget deadline.

Governor Brown released his final [May revision](#) to his proposed budget on May 11th. As to be expected by the fiscal conservative, Brown's proposal was marked by warnings of impending economic downturn, overspending and precautionary saving.

Assembly and Senate budget committees have wrapped up their hearings and the Budget Conference Committee has convened to reconcile the differences between the two budgets, while taking into consideration the Governor's proposal. Once a single prevailing budget emerges, the full Senate and Assembly will vote on the budget, requiring only a majority vote, by June 15th. The Governor will review the budget, with the ability to "red-line" any items he does not approve of, before signing it.

Administrative Hearing Office Proposed for State Water Resources Control Board

As part of the May revise, the Brown administration has proposed an Administrative Hearing Office within the State Water Resources Control Board (SWRCB) that would, in theory, provide a neutral, fair and efficient adjudication process.

In response to AB 313 (Gray), that was vetoed last year, Brown has released this budget trailer bill to address some of the concerns that inspired the original bill and to work through the backlog of water rights issues currently pending at the SWRCB. The proposal includes nine staff positions that would provide "qualified, impartial" hearing officers to ensure that water right matters, and cannabis enforcement matters are resolved in a timely manner. Board members would also have the flexibility to assign hearing officers to permits, licenses and change petitions.

Water Use Efficiency

After a year and a half of negotiations, the proponents of SB 606 (Skinner) and AB 1668 (Friedman) related to water use efficiency have finalized language with stakeholders, the authors, other interested legislators, and the Brown Administration. Most of the final concerns from urban water retailers were addressed, the bills have been amended, and a final vote awaits. Key Legislators who were leading the opposition movement ended up in support of the bills which helped both bills pass out of both houses and onto the Governor's desk for signature.

Highlights of the final language include a requirement for a process for variances, as well as clarification that lowering the gallons per capita daily (GPCD) standards beyond those outlined in the legislation can only be done by the Legislature. The language will codify a 55 indoor GPCD until 2025, 52.5 indoor GPCD from 2025-2030 and 50 indoor GPCD after 2030. The compromise between stakeholders and legislators also addressed how to treat recycled water. Current potable reuse projects using advanced treatment will receive up to 15 percent "bonus incentive" on top of their total water usage, depending on the amount of advanced treated potable reuse water in their portfolio. New projects and soil aquifer potable reuse projects will get a 10 percent "bonus incentive."

The bills are being hailed as a great compromise, allowing for efficiency standards to be created while protecting water agencies from broad conservation demands like those seen in 2016. Not all stakeholders are happy, but the balance between getting water agencies to look at their local conditions and allowing implementation of local solutions is considered the most important part of this legislation. The Governor will still have authority in a drought situation to call for further emergency reductions, but the hope is that this legislation will help water agencies develop a plan for critically dry years, to implement before the emergency is declared.

Most of the opposition has either moved to support or neutral and the Governor signed both measures on May 31.

Clean Drinking Water Fund

The conversation around SB 623 (Monning) continues, especially after the Brown Administration released a budget trailer bill with their proposal for implementing a Safe Drinking Water Fee. The language is consistent with SB 623 which would establish the Safe and Affordable Drinking Water Fund to provide operating and maintenance funds for disadvantaged communities with contaminated groundwater sources. The account would be funded by fees from all water users with an exemption for low income customers, an assessment on fertilizer, and an assessment on livestock operations.

Both Assembly and Senate budget subcommittees heard presentations on the issue and voted to send the trailer bill language to the full budget committee. Opposition continues to be strong from urban water districts who continue to be adamantly opposed to a water tax and hardline environmentalists who believe that ag is getting let off the hook with a marginal fee and legal protections. Many agricultural groups expressed their support along with several environmental justice groups who have been developing the proposal.

It isn't clear yet which vehicle will move, but the Brown Administration isn't interested in a prolonged fight at the end of session over this issue. Opposition from a significant number of urban water agencies and ACWA remains very strong. With a 2/3 vote required for whichever vehicle ends up as the main safe drinking water fee vehicle, and a number of Democratic vacancies, it is unlikely the bill will move anytime soon. Activity and discussion is likely to pick up after the June 5th primary election, when the Democratic majority will be replenished.

Eastern Municipal Water District and the California Municipal Utilities Association have introduced AB 2050 (Caballero, D-Salinas) as an alternative to SB 623. Their bill looks at how to consolidate failing water agencies under a larger umbrella to provide cost effective technical, managerial and financial support. The bill is supported by Metropolitan Water District of Southern California, the Association of California Water Agencies, the Santa Ana Watershed Project Authority and many local water agencies. The measure has passed onto the Senate.

SB 998 (Dodd)

A coalition of opponents to SB 998, Senator Dodd's (D-Napa) bill regarding water shutoffs, continue to meet with the author's staff to present an initial list of amendments. Currently, the bill prohibits a water agency from shutting off water service to a residential customer, under certain conditions. Concerns among stakeholders remain on how the whole shutoff process would work including any Proposition 218 issues that would arise as other customers have to assume the cost of service to any residential property that does not pay their bill. The bill has been making its way through three different policy committees with members wanting to support

access to clean drinking water for all Californians, but also understanding the issues with Proposition 218 water agencies face. Negotiations look to be reaching a stalemate with the author not willing to take amendments proposed by a coalition of water interests. ACWA, CMUA and others will all consider moving to a straight oppose position in the coming weeks.

SB 831 (Wieckowski)

This bill looks to make it easier for accessory dwelling units to be permitted and constructed as one part of a package of bills aiming to ease California's lack of affordable housing. Many water agencies are concerned that they would not be able to charge to add a second meter, monthly or capacity charges to the accessory dwelling unit. The author seems to have agreed to amendments that would remove this provision and allow water agencies to charge the second unit. Amendments are not in print, so final confirmation is necessary.

AB 1876 (Frazier)

The annual attempt to stack the Delta Stewardship Council membership with in-delta representatives has once again failed in its first committee without a single "aye" vote. A strong coalition, led by MWD, worked hard to successfully kill the bill. This type of legislation has cropped up every year recently and has always met the same fate. WCA will continue to look for similar legislation and work with MWD to defeat any repeat attempt this year.

AB 3037 (Chiu)

AB 3037 (Chiu, D-San Francisco) was an initial effort to re-instate redevelopment agencies (RDA), which were dissolved in 2012. WCA worked with IEUA staff and the California Special Districts Association (CSDA) to secure amendments that would protect "passthrough" property tax revenue, to ensure that IEUA would continue to receive those funds. The bill did not make it out of appropriations committee. The author made it very clear that he was not expecting the bill to pass this year, because Governor Brown was the one who called for the end of RDAs in 2012. The bill was meant to start the conversation about reestablishing RDAs and will very likely come back next year when a new governor is in place. WCA will continue to monitor the issue and work with IEUA and CSDA as the proposal is reintroduced in 2019.

Federal Legislation of Significance

Bill Number	Sponsor	Title and/or Summary	Summary/Status
H.R. 8	Rep. Bill Shuster(R-PA)	Water Resources Development Act	<p>The bill authorizes proposed U.S. Army Corps of Engineers civil works activities and provides reforms to the Corps . WARDAs authorizes locally driven, but nationally vital, investments in the Nation’s water resources infrastructure. It strengthens economic growth and competitiveness, helps move goods throughout the country and abroad, and protects our communities.</p> <p>The legislation was marked and passed on Wednesday, May 23, 2018 and is currently waiting to be brought to the floor.</p>
S.2975	Sen. Lamar Alexander (R-TN)	Energy and Water Development and Related Agencies Appropriations Act	<p>Provides FY2019 appropriations for U.S. Army Corps of Engineers civil works projects, the Department of the Interior's Bureau of Reclamation, the Department of Energy (DOE), and independent agencies such as the Nuclear Regulatory Commission.</p> <p>The legislation was reported out of the Senate Appropriations Committee, favorably, on Tuesday, June 22, 2018.</p>
H.R.5895	Rep. Mike Simpson (R-ID)	Energy and Water Development and Related Agencies Appropriations Act	<p>Provides FY2019 appropriations for U.S. Army Corps of Engineers civil works projects, the Department of the Interior's Bureau of Reclamation, the Department of Energy (DOE), and independent agencies such as the Nuclear Regulatory Commission.</p> <p>The legislation was passed through the House Appropriations Committee Thursday, June 1, 2018 and is likely to be considered as part of a package, alongside other appropriations bills, and brought to the House floor.</p>
	Rep. Ken Calvert(R-CA)	Interior and Environment Appropriations Act	<p>he legislation includes funding for the Department of the Interior, the Environmental Protection Agency (EPA), the Forest Service, the Indian Health Service, and various independent and related agencies. These funds are targeted to important investments in the nation’s natural resources, including \$3.4 billion for the Department of the Interior and U.S. Forest Service to prevent and combat devastating wildfires.</p> <p>The legislation also contains several policy provisions to rein in unnecessary regulations at the EPA and other agencies.</p>

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			The legislation was passed favorably in subcommittee on Tuesday, May 15, 2018. Full committee mark postponed.
S.2800	Sen. John Barrasso (R-WY)	America's Water Infrastructure Act of 2018	The bill provides for the conservation and development of water and related resources, to authorize the Secretary of the Army to construct various projects for improvements to rivers and harbors of the United States. This is the Senate counterpart to the House's Water Resources Development Act. The legislation was marked and reported favorably out of committee on Tuesday, May 22, 2018
H.R. 5609	Rep. Keith Ellison (D-MN)	Water Affordability, Transparency, Equity, and Reliability Act of 2018	The legislation would establish a trust fund to provide for adequate funding for water and sewer infrastructure, and for other purposes. The bill was referred to the Subcommittee on Commodity Exchanges, Energy, and Credit on Tuesday, June 22, 2018 and no further action has been taken.
H.R. 5003	Rep. Randy Hultgren (R-IL)	To amend the Internal Revenue Code of 1986 to reinstate advance refunding bonds	The legislation was referred to the House Committee on Ways and Means on Tuesday, February 23, 2018 and no further action has been taken.
H.R.4902	Rep. John Katko (R-NY)	Securing Required Funding for Water Infrastructure Now Act	The legislation would amend the Water Infrastructure Finance and Innovation Act of 2014 to provide to State infrastructure financing authorities additional opportunities to receive loans under that Act to support drinking water and clean water State revolving funds to deliver water infrastructure to communities across the United States. The bill was introduced on Tuesday, January 30, 2018 and referred to the Committee on Transportation and Infrastructure, and in addition to the Committee on Energy and Commerce.
S 2364	Sen. John Boozman	Securing Required Funding for Water Infrastructure Now Act	The intention of the bill is to amend the Water Infrastructure Finance and Innovation Act of 2014 to provide to State infrastructure financing authorities additional opportunities to receive loans under that Act to support drinking water and clean water State revolving funds to deliver water infrastructure to communities across the United States, and for other purposes. The legislation was introduced on Tuesday, January 30, 2018 and referred to the Committee on Environment and Public Works.

S.2329	Sen. John Hoeven (R-ND)	Water Infrastructure Finance and Innovation Reauthorization Act of 2018	<p>This measure is designed to spur investments in water project development across the nation by supplementing federal funding of water infrastructure projects — including wastewater treatment, flood control and storm water management — with long-term, low-cost loans and loan guarantees, reauthorize and amend the Water Infrastructure Finance and Innovation Act of 2014, and double the Environmental Protection Agency’s fiscal year 19 WIFIA authorization to \$90 million and extend the program for five years, through 2024.</p> <p>The legislation was introduced Tuesday, January 23, 2018 was referred to the Committee on Environment and Public Works</p>
H.R.4492	Rep. Brian Mast (R-FL)	Water Infrastructure Finance and Innovation Reauthorization Act of 2017	<p>H.R. 4492 is a companion bill to S.2329 and would spur investments in water project development across the nation by supplementing federal funding of water infrastructure projects.</p> <p>This bill was introduced Thursday, November 30, 2017 and was referred to the Committee on Transportation and Infrastructure, and in addition to the Committee on Energy and Commerce.</p>
H.R. 5127	Rep. Grace Napolitano (D-CA)	Water Recycling Investment and Improvement Act	<p>The legislation would assist water agencies with the expansion, planning, designing, and building of water recycling plants and modernizing water infrastructure by making changes to the WIIN Act Title XVI water recycling and reuse program by removing the requirement of funding projects that are in drought or disaster areas, increasing the authorization from \$50 million to \$500 million, making the program permanent rather than sun-setting in 2021, and taking away the requirement that the projects need to be designated in an appropriations legislation.</p> <p>The bill was introduced on Tuesday, February 27, 2018 and referred to the Committee on Natural Resources, and in addition to the Committee on Transportation and Infrastructure.</p>
S.1	Sen. Mike Enzi	Tax Cuts and Jobs Act	<p>This bill provides for the reconciliation pursuant to title II of the concurrent resolution on the budget for fiscal year 2018. Tax rates would be reduced, dozens of breaks would be eliminated, and the individual mandate from the Affordable Care Act would be eliminated. The corporate income tax rate would be set at 20 percent. Related to H.R. 1.</p> <p>S.1 was introduced by the Senate Budget Committee on Tuesday, November 28, 2017. It was placed on the Senate Legislative Calendar under General Orders.</p>

H.R. 3711	Reps. Lamar Smith (R-TX)/Ken Calvert (R-CA) /Bob Goodlatte (R-VA)	Legal Workforce Act	<p>A bill that would require all U.S. employers to use the E-Verify electronic employment verification system. The requirement would be phased over a two-year period, starting with the largest employers. The agriculture industry would have an additional six months (or 30 months total) to come into compliance.</p> <p>H.R. 3711 was referred to the Committee on the Judiciary, and in addition to the Committees on Ways and Means, and Education and the Workforce on Friday, September 8th. On Wednesday, September 27th, H.R.3711 was referred to Judiciary Subcommittee on Immigration and Border Security. Judiciary Committee Consideration and Mark-up Session was held on Wednesday, October 25th. H.R. 3711 was ordered and reported (amended) by the yeas and nays: 20-10 on October 25, 2017.</p>
H.R. 23	Rep. David Valadao (R-CA)	Gaining Responsibility on Water Act of 2017	<p>Among other things the legislation would require regulators to comply with the Bay-Delta Accord and make changes to the state's Central Valley and State Water projects and streamline permitting processes. The bill included provisions from multiple other bills previously passed by the House that sought to increase the flow of water to areas of California that have experienced drought over the past five years. The measure was referred to the House Committee on Natural Resources and the Committee on Agriculture.</p> <p>By a vote of 230-190, the House passed H.R. 23, as amended, on July 12, 2017. H.R. 23 was received in Senate, read twice and referred to the Committee on Energy and Natural Resources on July 18, 2017.</p>
H.R. 4	Rep. Bill Shuster (R-PA) `	FAA Reauthorization Act of 2018	<p>Among other issues this legislation would reauthorizes the Federal Aviation Administration for five years. Among other things the FAA reauthorization funds aviation programs, Airport Planning and Development and Noise Compatibility Planning and Programs and authorizes FAA's Airport Improvement Program (AIP) account at \$3.350 billion annually for each of fiscal years 2018-2023.</p> <p>By a voted of 393 – 13, the House passed H.R.4, the Senate has yet to take up the House version of the bill.</p>
H.R. 1663	Rep. Grace Napolitano (D-CA) / Rep. Rob Wittman (R-VA)	Water Resources Research Amendments Act	<p>This legislation would extend a Federal-State partnership aimed at addressing state and regional water problems, promoting distribution and application of research results, and providing training and practical experience for water-related scientists and engineers. H.R. 1663 would authorize \$9,000,000 annually over five years for grants</p>

			<p>to water resources research institutes and require two-to-one matching with non-federal funds. It would also promote exploration of new ideas, expand research to reduce energy consumption, and bolster reporting and accountability requirements.</p> <p>The bill has been introduced in the House Committee on Natural Resources and referred to the Subcommittee on Water, Power and Oceans on March 27, 2017.</p>
H.R. 497/ S.357	Rep. Paul Cook (R-CA)/ Sen. Dianne Feinstein (D-CA)	Santa Ana River Wash Plan Land Exchange Act	<p>This bill directs the Department of the Interior: (1) to quitclaim to the San Bernardino Valley Water Conservation District in California approximately 327 acres of identified federal land administered by the Bureau of Land Management, and (2) in exchange for such land, to accept from the Conservation District a conveyance of approximately 310 acres of its land.</p> <p>On April 27th H.R. 497 passed through the House Natural Resources Committee by unanimous consent, and was schedule for the House Floor Consideration on June 2nd.</p> <p>This bill was passed by the House on June 27th by a vote of 424-0. The bill was referred to the Senate Committee on Energy and Natural Resources on June 28th and no further action has been taken.</p> <p>The Senate Environment and Public Works Committee held a hearing on S. 357 on July 26, 2017.</p> <p>On May 15, 2018 the Senate Committee on Energy and Natural Resources ordered H.R. 497 to be reported without amendment favorably.</p>
S. 32	Sen. Dianne Feinstein (D-CA)	California Desert Protection and Recreation Act	<p>This bill would designate important wilderness in the California desert and protect lands for recreation, wildlife and tourism. Aspects of the bill include:</p> <ul style="list-style-type: none"> • Mandate study and protection of Native American cultural trails along the Colorado River. • Designate 230,000 acres of additional wilderness area between the Avawatz Mountains near Death Valley to Imperial County's Milpitas Wash. • Add 43,000 acres to Death Valley and Joshua Tree national parks. • Create a 75,000-plus acre special management area at Imperial County's Vinagre Wash. • Designate Inyo County's Alabama Hills as a National Scenic Area.

			<ul style="list-style-type: none"> • Prohibit new mining claims on 10,000 acres in Imperial County considered sacred by the Quechan Tribe. <p>Additionally, the bill protects 140,000 acres of existing off-road vehicle riding areas from mining, energy development, military base expansion or other decisions that would close them to vehicle use.</p> <p>The Senate Environment and Public Works Committee held a hearing on S.32 on July 26, 2017.</p> <p>H.R. 857, California Off-Road Recreation and Conservation Act, is a similar bill and largely aims to address similar issues.</p>
H.R. 2510	Rep. Peter DeFazio (D-OR)	Water Quality Protection and Job Creation Act of 2017	<p>This bill would amend the Federal Water Pollution Control Act to authorize appropriations for State water pollution control revolving funds.</p> <p>This bill has been introduced to the House Transportation and Infrastructure subcommittee on Water resources and Environment on May 19, 2017.</p>
H.R. 1654	Rep. Tom McClintock (R-CA)	Water Supply Permitting Coordination Act	<p>This bill would allow water project sponsors the opportunity to use an expedited permitting process for new or expanded surface non-federal storage facilities through the Bureau of Reclamation, which would be the lead and central agency coordinating the review process.</p> <p>The House Natural Resources Committee approved the bill by a vote of 24-16 on April 27. The House Rules Committee on June 20th dictated final amendments for passage on the House Floor; this bill passed the House on June 22 by a vote of 233-180. H.R. 1654 was referred to the Senate Committee on Energy and Natural Resources on June 26 and not further action has been taken.</p>

Innovative Federal Strategies LLC

Comprehensive Government Relations

MEMORANDUM

To: Halla Razak and Kathy Besser

From: Letitia White, Jean Denton, Shavenor Winters, Drew Tatum

Date: June 1, 2018

Re: May Monthly Legislative Update

FY19 Infrastructure Updates

While the Trump administration has not highlighted the push for a large infrastructure package in recent months, Congress has been using additional funding included in the two-year budget agreement and traditional reauthorization measures to boost transportation and infrastructure funding and authorizations. Below are key bills that are currently moving through the House and Senate.

FY19 Transportation-HUD Appropriations

On Wednesday, May 16, the House Transportation, Housing, and Urban Development Appropriations Subcommittee advanced its annual appropriations bill to the full committee level. The full committee advanced the legislation to the floor on Wednesday, May 23. The measure includes annual funding for grant programs within the Department of Transportation.

The legislation seeks to cut BUILD infrastructure grants, which were previously known as TIGER grants, to \$750 million in fiscal 2019, which is approximately half of the \$1.5 billion included in the Consolidated Appropriations Act, 2018. However, this year's funding measure includes what the Ranking Member of the T-HUD Appropriations Subcommittee calls an "appropriate balance between rural and urban projects."

The committee report language specifies that \$250 million will go toward seaports and \$250 million toward rural infrastructure, leaving \$250 million for urban projects. As you may recall, Congress increased the funding for BUILD grants last year after a two-year bipartisan budget agreement was reached. In FY17, TIGER grants were funded at only \$500 million. According to the T-HUD Appropriations Subcommittee Chairman Mario Diaz-Balart, the subcommittee is now trying to find a balanced approach to funding the program in subsequent fiscal years, noting that he does not ascribe to the notion that just because lawmakers approved a certain amount, that is the right amount forever.

The Committee also recommends a total of \$3.365 billion for the Community Development Fund account, which is equal to the fiscal year 2018 enacted level and \$3.365 billion above the budget request. Of that \$3.3 billion is for the Community Development Block Grant (CDBG) formula

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program. This is equal to the fiscal year 2018 enacted level and \$3.3 billion above the President's budget request. As you may recall, the Trump administration has requested that Congress zero or substantially reduce funding for many activities, including CBDGs. Thus far, the House Appropriations Committee has not followed those recommendations and has continued to fund the programs at, near, or above the FY18 enacted levels.

Water Resources Development Legislation

On Friday, May 18, Chairman Bill Shuster (R-PA) of the House Transportation and Infrastructure Committee introduced H.R. 8, the Water Resources Development Act, in the House, with Ranking Member Peter DeFazio (D-OR), Water Resources and Environment Subcommittee Chairman Garret Graves (R-LA), and Ranking Member Grace Napolitano (D-CA).

The bill is designed to move quickly through the chamber, with lawmakers omitting controversial provisions that could have held it up. There were rumors that the Chairman was aiming to include a provision that would have started the process of transferring the Army Corps of Engineers to another federal agency, but the final bill as introduced only included language requiring a study of the future of the Corps.

The bill totals 58 pages and includes a list of almost a dozen major dam, flood control, and other projects on which the Army Corps of Engineers can move forward but does not provide additional funding outside the fiscal year 2019 appropriations process. The Committee marked and reported the legislation on Wednesday, May 23 at the full committee level. The House is expected to take up the measure the week of June 4. Currently, 97 amendments have been filed to the legislation with the Rules Committee.

The Senate's version was introduced earlier in May and was marked and reported favorably out of committee on Tuesday, May 22, 2018.

As of now, the bipartisan bill shies away from the more contentious items in the Administration's plan—specifically its calls to speed up the permitting process for big federal infrastructure projects by stripping some environmental review requirements. Senator James Inhofe (R-OK) told reporters the committee has already accomplished much on this issue, but that he may use the water resources bill as a vehicle to push further.

Senator Inhofe's plans to amend the bill with environmental permitting measures could jeopardize its bipartisan support. Democrats have strongly opposed legislation in the past that sought to remove federal agencies' obligations to study the ecological impacts of their decisions. Both Senator Borrasso (R-WY), the Chairman of the Senate Environment and Public Works Committee, and Senator Inhofe said they were committed to following Congress' traditional biennial timeline for passing a water resources bill, which gives the Army Corps of Engineers the go-ahead to move forward on dozens of flood control and reservoir projects across the country. These bills also typically make significant policy changes for the Environmental Protection Agency's (EPA) drinking water and wastewater programs. This year's bill received bipartisan praise at the hearing before the committee, signaling that its chances of advancing through the Senate are good. "We don't want to spike the football too

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early, but this is a day to celebrate,” Senator Tom Carper (D-DE), the top Democrat on the committee, said.

The Senate bill would allow the EPA to continue operating its new subsidized infrastructure loan program, the Water Infrastructure Finance and Innovation Act (WIFIA), through the 2021 fiscal year. It also would allow water utilities to use portions of EPA grants to clean up the lakes and rivers that serve as the sources of their drinking water, something currently outside the scope of the EPA's main water grant program.

For the Army Corps, the legislation would require the White House's Office of Management and Budget to re-examine the way it conducts cost-benefit analysis for the Corps' projects. The bill would also change Army Corps rules on outside parties sharing in the cost of a project.

House and Senate Appropriators Moving FY19 Bills

The Senate has joined the House in reporting fiscal year 2019 appropriations bills to the floor, beginning with the Senate Appropriations Committee's approval of the Agriculture and Energy and Water Appropriations bills on Thursday, May 24.

During the first Senate Appropriations Committee markup, Senate Majority Leader Mitch McConnell (R-KY) noted that he planned to devote floor time to the consideration of two appropriations measures during the month of June. We anticipate that may mean two bills are packaged together and considered at the same time on the floor in an appropriations minibuss. Leader McConnell also indicated he had been working with Speaker Paul Ryan (R-WI) on a plan to pass minibuss appropriations measures (3-4 appropriations bills packaged together) to move as many bills as possible before the end of the fiscal year.

The Agriculture Appropriations bill advanced by the Senate Appropriations Committee would increase discretionary funding to \$23.2 billion, \$225 million more than fiscal 2018. This increase covers increased support to nutrition programs and rural development.

The Senate FY19 Energy and Water Appropriations bill totaled \$43.8 billion, \$566 million more than in fiscal 2018 and \$7.24 billion more than the request. The Army Corps of Engineers would receive \$6.93 billion, a \$100 million increase and \$2.14 billion more than requested and the Bureau of Reclamation, part of the Interior Department, would get \$1.49 billion.

As you may recall, the House Appropriations Committee approved their FY19 Energy and Water appropriations bill on Wednesday, May 16 that would provide \$44.8 billion in discretionary funding, \$1.53 billion more than enacted for FY18 and \$8.41 billion more than president's budget request. In addition to the funding, the bill contains policy provisions that would repeal the 2015 Waters of the U.S. rule, allow firearms on Army Corps project sites, and bar funding from being used to remove federal dams without congressional authorization.

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Included below are highlights of several priority programs within the Bureau of Reclamation which show a side-by-side comparison of the FY18 enacted levels, the President's budget request for FY19, and the House and Senate Committee recommendations for FY19.

Program	FY18 Enacted	FY19 PB Request	FY19 House Recommendation	FY19 Senate Recommendation
WaterSMART Program:				
WaterSMART Grants	\$34 million	\$10 million	\$34 million	\$34 million
Cooperative Watershed Management	\$2.25 million	\$0.25 million	\$2.25 million	\$2.25 million
Water Conservation Field Services Program	\$4.179 million	\$1.75 million	\$4.179 million	\$4.179 million
Basin Studies	\$5.2 million	\$2.0 million	\$5.2 million	\$5.2 million
Title XVI - Water Recycle and Reuse Program	\$54.406 million	\$3.0 million	\$65 million **	\$54.406 million **
Resilient Infrastructure				
Drought Response		\$2.901		
**\$20 million is for water recycling and reuse projects authorized in the WIIN Act.				

The House Appropriations Committee also approved the Transportation-HUD bill at the full committee level on May 23 and the Financial Services-General Government Appropriations bill at the subcommittee level on May 24. While the House had originally scheduled to mark the Interior-Environment bill on May 22, the full committee markup was postponed because the Chairman had the flu.

The House Financial Services Appropriations bill would provide the IRS \$11.6 billion, including a boost to implement 2017 tax reform law. The bill also included provisions to bar use of funds to deny tax-exempt status to politically active churches.

As was mentioned above, the House Transportation-HUD Appropriations bill, would provide \$71.8 billion in discretionary funds, \$1.5 billion more than the enacted FY18 level and \$23.8 billion more than requested in the President's Budget. Highlights of from the House Transportation-HUD Appropriations bill are below.

Program	FY18 Enacted	FY19 PB Request	FY19 House Recommendation
Community Development Fund:			
Community Development Block Grant formula	\$3.3 billion	\$0.00	\$3.3 billion
Indian CDBG	\$65 million	\$0.00	\$65 million
Community Development Loan Guarantees (Sec. 108):			
HOME Investment Partnership Program	\$1.362 billion	\$0.00	\$1.2 billion
Homeless Assistance Grants	\$2.513 billion	\$2.383 billion	\$2.546 billion

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Senate Votes on Net Neutrality

On Wednesday, May 16 the Senate utilized a tool under the Congressional Review Act (CRA), known as a Congressional resolution of disapproval in an effort to overturn the Federal Communications Commission's (FCC) repeal of the Obama-era net neutrality rule that would have prevented internet service providers from throttling their services.

The resolution of disapproval passed the senate by a vote of 52-47. While a step forward for net neutrality supporters, the resolution has not yet passed the House and faces a near impossible challenge to be signed by President Trump. Given the President's strong push for the repeal of the Obama-era rule, if passed by the Senate, a veto is likely. Since the Senate vote lacked a two-thirds majority, it is unlikely Congress would be able to override a veto.

Immigration Discussion Continues to Unfold, Farm Bill to Receive New Vote

On Thursday, May 17, Attorney General Jeff Sessions issued a directive ending a common tactic used by immigration judges to pause or suspend cases before them while waiting for new evidence.

The directive ends the power of immigration judges, who fall under the purview of the Department of Justice, to put a case on hold using administrative cloture, which judges have used in the past to suspend cases for immigrants awaiting a visa application or the appeal of their criminal conviction.

The move could reopen hundreds of thousands of cases, will likely not reopen cases already closed under administrative cloture. Attorney General Sessions wrote in his directive that such a change would overwhelm the administration's already-backlogged immigration case system.

House Majority Whip Steve Scalise (R-LA) announced that the farm bill will get a second vote Friday, June 22. The announcement comes after conservative members of the conservative House Freedom Caucus withheld their support on the legislation on Friday, May 18, which caucused Republicans to come up short on final passage. Members of the House Freedom Caucus were attempting to force Republican leaders to hold a vote on a conservative immigration bill before Democrats and moderate Republicans could force a vote on other immigration legislation through a discharge petition. A vote on the immigration legislation is now scheduled to take place the week of June 18 before lawmakers reconsider the farm bill.

The immigration legislation introduced by House Judiciary Chairman Bob Goodlatte (R-VA) and Homeland Security Chairman Michael McCaul (R-TX) includes border wall funding, security and enforcement provisions, cuts to legal immigration and a process for Deferred Action for Childhood Arrivals program recipients to obtain three-year renewals of their work permits. Chairman Mark Meadows (R-NC) of the House Freedom Caucus said he and his fellow members could not accept GOP leaders' original offer to schedule a vote on the Goodlatte-McCaul bill in June because leadership wanted to appease moderate Republicans who were pushing for a rule that would have tied that measure to a second one still being negotiated.

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With the Goodlatte-McCaul bill currently short the votes needed to pass the House, Majority Whip Steve Scalise acknowledged that there is still an effort underway to try to come up with another immigration measure that could find support of Republicans and Democrats.

Mnuchin says NAFTA negotiations could slide into 2019

The Trump administration missed an informal deadline Thursday, May 17 that had been set by House Speaker Paul Ryan to get a revamped North American Free Trade Agreement (NAFTA) to Congress in time for lawmakers to vote on it in a midterm election year.

United States Trade Representative Robert Lighthizer warned the three nations are "nowhere near close to a deal" as some members of Congress urged the Trump administration not to abandon negotiations. Ryan had encouraged the administration to transmit proposed changes to the NAFTA agreement before a deadline that would allow the House and Senate to consider the agreement under Trade Promotion Authority granted to the President of the United States. Based on the legislative calendar, consideration of any agreement reached this year would likely roll into the 116th Congress set to convene in January.



CALIFORNIA STRATEGIES, LLC

Date: June 01, 2018
To: Inland Empire Utilities Agency
From: John Withers, Jim Brulte
Re: May Activity Report

1. This month Senator Brulte and John Withers held their monthly meeting on May 7th with the senior staff of the agency to discuss various District activities.
2. Regional Contract
 - A scoping meeting with the parties and consultant team is scheduled
 - Proposal scheduled for end of May
3. Proposition One Grant Application
 - Reviewed preliminary funding recommendations and strategies to increase recommended funding allocation
 - Funding to be awarded by June
4. Chino Basin Water Bank
 - First Board meeting scheduled for May 30.
 - Budget to be established
5. SB LAFCO
 - Foxborough LAFCO issue discussed
 - Legal Counsel to draft memo and forward to County Supervisors

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Date: June 20, 2018

To: The Honorable Board of Directors

From: Halla Razak, General Manager

Committee: Community & Legislative Affairs

06/13/18

Executive Contact: Kathy Besser, Executive Manager of Ext. Aff. & Policy Dev./AGM

Subject: Public Outreach and Communication

Executive Summary:

This is an informational item that provides highlights of the External Affairs team's monthly outreach, education and communication programs and updates.

- June 8, World Oceans Day (The Ocean Project)

A Water Awareness Month targeted email ran on May 22 promoting ways to save water as well as the social media contest to 125,986 total emails. Emails were targeted to residents residing in the IEUA Service Area-32,756 emails were opened (26%) and 3,930 residents (12%) clicked through to the Kick the Habit website.

The 16th annual Solar Cup competition was a success. All three sponsored high schools received honors: Chino High School (Veteran Team), Los Osos High School (Veteran Team), and Upland High School (Rookie Team).

Staff's Recommendation:

This is an informational item for the Board of Directors to receive and file.

Budget Impact: ^N *Budgeted (Y/N):* ^N *Amendment (Y/N):* ^N *Requested Amount:*

Account/Project Name:

Fiscal Impact (explain if not budgeted):

Prior Board Action:

N/A

Environmental Determination:

Not Applicable

Business Goal:

IEUA is committed to providing a reliable and cost-effective water supply and promoting sustainable water use throughout the region.

IEUA is committed to enhancing and promoting environmental sustainability and the preservation of the region's heritage.

Attachments:

Attachment 1 - Background

Background

Subject: Public Outreach and Communication

June

- June 8, World Oceans Day (*The Ocean Project*)

July

- July, Smart Irrigation Month
- July 18, IEUA Employee Recognition Picnic, IEUA (behind Building A), 11:30 a.m. – 3:00 p.m.

August

- August 1, Blood Drive, IEUA HQB Event Room, 8:00 a.m. – 1:00 p.m.
- August 10, San Bernardino County Water Conference, DoubleTree Hotel, 222 N. Vineyard Ave., Ontario, 91764, 9:00 a.m. – 1:00 p.m.

Media and Outreach

- A Compost Giveaway targeted email ran on May 8 promoting the Agency's compost giveaway - 128,412 emails were sent to families, people who have shown an interest in landscaping and the environment, and homeowners residing in the IEUA service area - 39,807 emails were opened (31%) and 8,359 (21%) of the recipients clicked through to get more information about the 2018 Compost Giveaway.
- A Water Awareness Month targeted email ran on May 22 promoting ways to save water as well as the social media contest to 125,986 total emails. Emails were targeted to residents residing in the IEUA Service Area - 32,756 emails were opened (26%), 3,930 residents (12%), clicked through to the *Kick the Habit* website.
- External Affairs staff is working with Agency department leads to update the Agency's external website.
- Staff continues to run banner ads with *Fontana Herald News*.
- Staff launched a social media contest for the month of May encouraging users to post a water saving picture to be entered into a drawing for a water saving swag bag. Social media reach and engagement increased by approximately 30%.
- May: 27 posts were published to the IEUA Facebook page and 27 tweets were sent on the @IEUAWater Twitter handle.
 - The top three Facebook posts, based on reach and engagement, in the month of May were:
 - 5/8: Social Media Contest
 - 5/9: Compost Giveaway Happening Now
 - 5/9: Compost Giveaway Flyer Post
 - The top three tweets, based on reach and engagement, in the month of May were:
 - 5/23: Los Osos Solar Cup Congratulations
 - 5/22: Upland HS Solar Cup Congratulations
 - 5/19: #DrinkingWaterWeek #ProtecttheSource

Education and Outreach Updates

- The 16th annual Solar Cup competition was a success. All three sponsored high schools received honors:

- Chino High School (**Veteran**)
 - 1st Place Public Service Message – Inland Region
 - 2nd Place Sprint Race – Inland Region
 - 6th Place Overall – Veterans and Rookies
 - Los Osos High School (**Veteran**)
 - 1st Place for Technical Reports – Foothill Region
 - 2nd Place Endurance Race – Foothill Region
 - 15th Place Overall – Veterans and Rookies
 - Upland High School (**Rookie**)
 - Overall “Hottest Looking Boat” – Rookie Division
 - 1st Place Endurance Race – Rookie Division
 - 2nd Place Overall – Rookie Division
 - 11th Place Overall – Veterans and Rookies
- Presentations have been made to all winners of the Agency’s *Water is Life* poster contest. Winners were presented with a book store gift card and certificate. Teachers of the winning students received a school supply gift card. All winning posters will be sent to MWD to be entered into their regional contest.

Association Membership Activities

- On April 24, 2018, Eddie Lin attended a Southern California Alliance of Publicly Owned Treatment Works (SCAP) Air Committee meeting.
- On April 25, 2018, Craig Proctor attended the Southern California Salinity Coalition Directors’ Strategic Planning Retreat.
- On April 26, 2018, Pietro Cambiaso attended the California Association of Sanitation Agencies (CASA) Air Quality, Climate Change, and Energy Workgroup Meeting.
- On May 22, 2018, Eddie Lin attended a SCAP Air Committee meeting.
- On May 24, 2018, Pietro Cambiaso and Eddie Lin attended the CASA Air Quality, Climate Change, and Energy Workgroup Meeting.
- On May 29, 2018, IEUA hosted the SCAP Energy Committee meeting.

CHINO BASIN WATERMASTER

IV. INFORMATION

1. Cash Disbursements for May 2018

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
May 2018

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	05/03/2018	ACH 050318	CALPERS	1394905143	1012 · Bank of America Gen'l Ckg	
Bill	04/18/2018	1394905143		1394905143	60182.1 · Medical Insurance	8,440.38
TOTAL						8,440.38
General Journal	05/05/2018	05/05/2018	Payroll and Taxes for 04/22/18-05/05/18	Payroll and Taxes for 04/22/18-05/05/18	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 04/22/18-05/05/18	1012 · Bank of America Gen'l Ckg	26,160.26
				Payroll Taxes for 04/22/18-05/05/18	1012 · Bank of America Gen'l Ckg	8,423.45
			ICMA-RC	457(b) Employee Deductions for 04/22/18-05/05/18	1012 · Bank of America Gen'l Ckg	4,738.05
			ICMA-RC	401(a) Employee Deductions for 04/22/18-05/05/18	1012 · Bank of America Gen'l Ckg	1,303.27
TOTAL						40,625.03
Bill Pmt -Check	05/10/2018	20775	ACCENT COMPUTER SOLUTIONS, INC.	IT Managed Services - Hardware Purchases	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018	121316		ETF laptop-balance due	6055 · Computer Hardware	1,431.91
Bill	04/30/2018	121411		Wireless access points-balance due	6055 · Computer Hardware	1,680.89
TOTAL						3,112.80
Bill Pmt -Check	05/10/2018	20776	APPLIED COMPUTER TECHNOLOGIES	2973	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018	2973		Database Consulting - April 2018	6052.2 · Applied Computer Technol	4,815.40
TOTAL						4,815.40
Bill Pmt -Check	05/10/2018	20777	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	04/28/2018	XXXX-XXXX-XXXX-9341		Toner cartridges for CFO's printer	6031.7 · Other Office Supplies	249.00
				Overwatch/firewall - 50% deposit	6055 · Computer Hardware	1,750.00
				Cloud/FTP replacement - 50% deposit	6055 · Computer Hardware	900.00
				Miscellaneous office supplies	6031.7 · Other Office Supplies	327.68
				Office Timeline software	6054 · Computer Software	59.00
				Microsoft software	6054 · Computer Software	99.00
				Reception desk phone headset	6031.7 · Other Office Supplies	15.99
				RZ laptop-50% deposit	6055 · Computer Hardware	1,217.94
				Miscellaneous office supplies	6031.7 · Other Office Supplies	311.10
				Registration-RZ-AWWA Sampling Wkshp	6193.2 · Conference - Registration Fee	375.00
				Registration-JN & ETF-AWWA Sampling Wkshp	6193.2 · Conference - Registration Fee	550.00
				Books for office - shorthand	6031.7 · Other Office Supplies	33.40
				Books for office - business writing / minute taking	6031.7 · Other Office Supplies	38.25
				Lunch for storage framework meeting	7604 · PE8&9-Supplies	105.44
				PK flight to ACWA Spring Conference	6191 · Conferences - General	141.96
				Early-bird check in on above flight	6191 · Conferences - General	15.00
				Early-bird check in on above flight	6191 · Conferences - General	15.00
				Laptop bag - ETF	6031.7 · Other Office Supplies	49.99

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Cash Disbursements For The Month of
May 2018

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Type	Date	Num	Name	Memo	Account	Paid Amount
				Webcam cover - ETF	6031.7 · Other Office Supplies	6.99
				Toner cartridges for office	6031.7 · Other Office Supplies	80.79
				PK meeting w/Geye	8512 · Meeting Expense	64.73
				Lunch for team prep for OBMP Scope Workshop	6909.1 · OBMP Meetings	85.00
				Lunch for WM meeting w/Ag Pool reps	8412 · Meeting Expenses	64.88
				Lunch for WM counsel for meeting w/Ag Pool reps	8412 · Meeting Expenses	13.60
				Lunch for OBMP Scope Workshop	6909.1 · OBMP Meetings	221.00
				Miscellaneous office supplies	6031.7 · Other Office Supplies	52.89
				PK mtg w/Elie	6312 · Meeting Expenses	50.87
				PK mtg w/Hoerning	8312 · Meeting Expenses	32.51
				PK mtg w/Bowcock	6312 · Meeting Expenses	37.42
				PK registration-First Annual Groundwater Sustaina	6193.2 · Conference - Registration Fee	430.00
				PK meeting w/Layton, Jew	8312 · Meeting Expenses	59.78
TOTAL						7,454.21
Bill Pmt -Check	05/10/2018	20778	CORELOGIC INFORMATION SOLUTIONS	81888867	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018	81888867		81888867	7103.7 · Grdwtr Qual-Computer Svc	62.50
				81888867	7101.4 · Prod Monitor-Computer	62.50
TOTAL						125.00
Bill Pmt -Check	05/10/2018	20779	DE BOOM, NATHAN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/12/2018	4/12 Ag Pool mtg		4/12/18 Ag Pool Meeting	8411 · Compensation	25.00
				4/12/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	05/10/2018	20780	DE HAAN, HENRY	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/12/2018	4/12 Ag Pool Mtg		4/12/18 Ag Pool Meeting	8411 · Compensation	25.00
				4/12/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	05/10/2018	20781	DI PRIMIO, ROBERT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/11/2018	4/11 Admin Mtg		4/11/18 meeting w/PK & attorneys re Settlement Pi	6311 · Board Member Compensation	125.00
Bill	04/16/2018	4/16 Admin Mtg		4/16/18 meeting w/PK & attorneys re Settlement Pi	6311 · Board Member Compensation	125.00
Bill	04/23/2018	4/23 Admin Mtg		4/23/18 meeting w/PK & attorneys re Settlement Pi	6311 · Board Member Compensation	125.00
Bill	04/26/2018	4/26 Board Mtg		4/26/18 Board Meeting	6311 · Board Member Compensation	125.00
Bill	04/30/2018	4/30 Admin Mtg		4/30/18 meeting w/PK & attorneys re Settlement Pi	6311 · Board Member Compensation	125.00
TOTAL						625.00
Bill Pmt -Check	05/10/2018	20782	EGOSCUE LAW GROUP, INC.	11938	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018	11938		Ag Pool Legal Service - April 2018	8467 · Ag Legal & Technical Services	34,362.50

CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
May 2018

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Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAL						34,362.50
Bill Pmt -Check	05/10/2018	20783	ELIE, STEVEN	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/25/2018	4/25 Admin Mtg		4/25/18 Administrative meeting	6311 · Board Member Compensation	125.00
Bill	04/26/2018	4/26 Board Mtg		4/26/18 Board meeting	6311 · Board Member Compensation	125.00
TOTAL						250.00
Bill Pmt -Check	05/10/2018	20784	FEDAK & BROWN LLP	Audit Services	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018			Progress Billing - April 2018	6062 · Audit Services	5,160.00
TOTAL						5,160.00
Bill Pmt -Check	05/10/2018	20785	FEENSTRA, BOB	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/12/2018	4/12 Ag Pool Mtg		4/12/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	04/23/2018	4/23 Admin Mtg		4/23/18 Administrative meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	04/26/2018	4/26 Board Mtg		4/26/18 Board Meeting	8470 · Ag Meeting Attend -Special	125.00
TOTAL						375.00
Bill Pmt -Check	05/10/2018	20786	FILIPPI, GINO	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/26/2018	4/26 Board Meeting		4/26/18 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	05/10/2018	20787	GEYE, BRIAN	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/19/2018	4/19 RMPU Mtg		4/19/18 RMPU Steering Committee meeting	6311 · Board Member Compensation	125.00
Bill	04/24/2018	4/24 Budget Mtg		4/24/18 Budget meeting	6311 · Board Member Compensation	125.00
Bill	04/26/2018	4/26 Board Mtg		4/26/18 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						375.00
Bill Pmt -Check	05/10/2018	20788	KAVOUNAS, PETER	Travel Expense Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018			Travel Expense Reimbursement	6191 · Conferences - General	125.61
TOTAL						125.61
Bill Pmt -Check	05/10/2018	20789	KUHN, BOB	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/02/2018	4/02/18 Conf Call		4/02/18 conference call w/attorneys and board	6311 · Board Member Compensation	125.00
Bill	04/19/2018	4/19 Advisory Comm		4/19/18 Advisory Committee meeting	6311 · Board Member Compensation	125.00
TOTAL						250.00
Bill Pmt -Check	05/10/2018	20790	McMASTER-CARR SUPPLY CO	62299210	1012 · Bank of America Gen'l Ckg	
Bill	05/02/2018	62299210		GW level supplies	7104.7 · Grdwtr Level-WM Staff-Cap Equip	48.34
TOTAL						48.34

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CHINO BASIN WATERMASTER
Cash Disbursements For The Month of
May 2018

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	05/10/2018	20791	PAYCHEX	201802600	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018	2018042600		April 2018	6012 · Payroll Services	327.50
TOTAL						327.50
Bill Pmt -Check	05/10/2018	20792	PIERSON, JEFFREY	Ag Pool and Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/12/2018	4/12 Ag Pool Mtg		4/12/18 Ag Pool meeting	8411 · Compensation	25.00
				4/12/18 Ag Pool meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	04/19/2018	4/19 Advisory Comm		4/19/18 Advisory Committee meeting	8411 · Compensation	25.00
				4/19/18 Advisory Committee meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	04/19/2018	4/19 RIPCom Mtg		4/19/18 RIPCom meeting	8411 · Compensation	25.00
				4/19/18 RIPCom meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	04/23/2018	4/23 Admin Mtg		4/23/18 Administrative meeting	8411 · Compensation	25.00
				4/23/18 Administrative meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	04/24/2018	4/24 Board Agena		4/24/18 Board Agenda Meeting	6311 · Board Member Compensation	125.00
Bill	04/26/2018	4/26 Board Meeting		4/26/18 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						750.00
Bill Pmt -Check	05/10/2018	20793	PIETERSMA, RONALD	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/12/2018	4/12 Ag Pool Mtg		4/12/18 Ag Pool Meeting	8411 · Compensation	25.00
				4/12/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	05/10/2018	20794	PREMIERE GLOBAL SERVICES	25716466	1012 · Bank of America Gen'l Ckg	
Bill	04/28/2018	25716466		Pools agenda prep call on 4/03	8312 · Meeting Expenses	7.16
				Pools agenda prep call on 4/03	8412 · Meeting Expenses	7.16
				Pools agenda prep call on 4/03	8512 · Meeting Expense	7.15
				Non-Ag Pool mtg call on 4/12	8512 · Meeting Expense	9.08
				WM coordination call on 4/23	6909.1 · OBMP Meetings	6.22
				Fee - General	6022 · Telephone	49.00
				Fee - Confidential	6022 · Telephone	49.00
				Call on 3/28	6909.1 · OBMP Meetings	6.69
				OP Bands 3 and 4 scenario dev. call on 3/29	6909.1 · OBMP Meetings	9.53
				Attorney/GM call on 4/02	6909.1 · OBMP Meetings	6.20
				WM coordination call on 4/02	6909.1 · OBMP Meetings	13.08
				Attorney/GM call on 4/02	6909.1 · OBMP Meetings	25.62
				Pools agends prep call on 4/03	8312 · Meeting Expenses	2.07
				Pools agenda prep call on 4/03	8412 · Meeting Expenses	2.07
				Pools agenda prep call on 4/03	8512 · Meeting Expense	2.06
				WM coordination call on 4/09	6909.1 · OBMP Meetings	17.07
				Pool mtgs check call on 4/11	8312 · Meeting Expenses	5.92

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Type	Date	Num	Name	Memo	Account	Paid Amount
				Pool mtgs check call on 4/11	8412 · Meeting Expenses	5.92
				Pool mtgs check call on 4/11	8512 · Meeting Expense	5.91
				WM coordination call on 4/16	6909.1 · OBMP Meetings	10.35
				WM coordination call on 4/16	6909.1 · OBMP Meetings	6.50
				WM coordination call on 4/23	6909.1 · OBMP Meetings	6.22
				Pomona extensometer call on 4/23	6909.1 · OBMP Meetings	20.65
				Board agenda preview call on 4/24	6312 · Meeting Expenses	6.22
				Board agenda preview call on 4/24	6312 · Meeting Expenses	6.22
				PK prep for mtg call on 4/26	6909.1 · OBMP Meetings	6.20
				Service fee	6022 · Telephone	11.18
TOTAL						310.45
Bill Pmt -Check	05/10/2018	20795	READY REFRESH BY NESTLE	0023230253	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018	0023230253		Office Water Bottle - April 2018	6031.7 · Other Office Supplies	19.37
TOTAL						19.37
Bill Pmt -Check	05/10/2018	20796	RR FRANCHISING, INC.	55382	1012 · Bank of America Gen'l Ckg	
Bill	05/01/2018	55382		Monthly service - May 2018	6024 · Building Repair & Maintenance	740.00
TOTAL						740.00
Bill Pmt -Check	05/10/2018	20797	STAPLES BUSINESS ADVANTAGE	8049701668	1012 · Bank of America Gen'l Ckg	
Bill	04/28/2018	8049701668		Miscellaneous office supplies	6031.7 · Other Office Supplies	82.27
TOTAL						82.27
Bill Pmt -Check	05/10/2018	20798	STATE COMPENSATION INSURANCE FUND	1970970-17	1012 · Bank of America Gen'l Ckg	
Bill	05/01/2018	1970970-17		Monthly premium 4/26/18-5/26/18	60183 · Worker's Comp Insurance	520.50
TOTAL						520.50
Bill Pmt -Check	05/10/2018	20799	TELLEZ-FOSTER, EDGAR	Expense Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	04/25/2018	04/25/18 Meeting		Meeting w/Andy Campbell (IEUA)	6312 · Meeting Expenses	56.00
TOTAL						56.00
Bill Pmt -Check	05/10/2018	20800	UNION 76	7076-2245-3035-5049	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018	7076224530355049		Vehicle Fuel - April 2018	6175 · Vehicle Fuel	347.81
TOTAL						347.81
Bill Pmt -Check	05/10/2018	20801	VANDEN HEUVEL, GEOFFREY	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/12/2018	4/12 Ag Pool Mtg		4/12/18 Ag Pool Mtg	8411 · Compensation	25.00
				4/12/18 Ag Pool Mtg	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	05/10/2018	20802	VISION SERVICE PLAN	00-101789-0001	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018	001017890001		Vision Insurance Premium - May 2018	60182.2 · Dental & Vision Ins	88.20
TOTAL						<u>88.20</u>
Bill Pmt -Check	05/10/2018	20803	WESTERN MUNICIPAL WATER DISTRICT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/26/2018	4/26 Board Mtg		4/26/18 Board Meeting - Galleano attendance	6311 · Board Member Compensation	125.00
TOTAL						<u>125.00</u>
Bill Pmt -Check	05/10/2018	20804	YUKON DISPOSAL SERVICE	08-K2 213849	1012 · Bank of America Gen'l Ckg	
Bill	05/03/2018	08-k2 213849		May 2018	6024 · Building Repair & Maintenance	117.14
TOTAL						<u>117.14</u>
Bill Pmt -Check	05/10/2018	ACH 051018	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	05/05/2018	05/05/2018	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 04/22/18-05/05/18	2000 · Accounts Payable	6,725.08
TOTAL						<u>6,725.08</u>
P 1 5 4	General Journal	05/19/2018	05/19/2018	Payroll and Taxes for 05/06/18-05/19/18	1012 · Bank of America Gen'l Ckg	
				Payroll and Taxes for 05/06/18-05/19/18	1012 · Bank of America Gen'l Ckg	29,236.95
				Direct Deposits for 05/06/18-05/19/18	1012 · Bank of America Gen'l Ckg	9,441.12
				Payroll Taxes for 05/06/18-05/19/18	1012 · Bank of America Gen'l Ckg	4,738.05
				ICMA-RC 457(b) Employee Deductions for 05/06/18-05/19/18	1012 · Bank of America Gen'l Ckg	1,303.27
TOTAL						<u>44,719.39</u>
Bill Pmt -Check	05/22/2018	20805	ACWA JOINT POWERS INSURANCE AUTHORITY	0551579	1012 · Bank of America Gen'l Ckg	
Bill	05/10/2018	0551579		Prepayment - June 2018	1409 · Prepaid Life, BAD&D & LTD	217.89
				May 2018	60191 · Life & Disab.Ins Benefits	217.89
TOTAL						<u>435.78</u>
Bill Pmt -Check	05/22/2018	20806	BLOMQUIST, WILLIAM A.	Manuscript Update	1012 · Bank of America Gen'l Ckg	
Bill	05/09/2018			Payment number 3 of 4 for Blomquist report	6061.6 · Blomquist Report - Update	7,500.00
TOTAL						<u>7,500.00</u>
Bill Pmt -Check	05/22/2018	20807	CHEF DAVE'S CAFE & CATERING	8221	1012 · Bank of America Gen'l Ckg	
Bill	04/26/2018	8221		Lunch for 4/26/18 Watermaster Board meeting	6312 · Meeting Expenses	600.69
TOTAL						<u>600.69</u>
Bill Pmt -Check	05/22/2018	20808	EUROFINS EATON ANALYTICAL		1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018	L0387827		L0387827	7108.4 · Hydraulic Control-Lab Svcs	440.00
Bill	04/30/2018	L0387828		L0387828	7108.4 · Hydraulic Control-Lab Svcs	1,592.00
						<u>1,592.00</u>

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Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAL						2,032.00
Bill Pmt -Check	05/22/2018	20809	FIRST LEGAL NETWORK LLC	40017534	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018	40017534		Court filings on 4/02/18 and 4/24/18	6061.5 · Court Filing Services	155.88
TOTAL						155.88
Bill Pmt -Check	05/22/2018	20810	RON SHELLEY'S AUTOMOTIVE	10287	1012 · Bank of America Gen'l Ckg	
Bill	05/10/2018	10287		Maintenance for Expendition	6177 · Vehicle Repairs & Maintenance	67.52
TOTAL						67.52
Bill Pmt -Check	05/22/2018	20811	WILDERMUTH ENVIRONMENTAL INC		1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018	2018101		2018101	6906.31 · OBMP-Pool, Adv. Board Mtgs	6,551.17
Bill	04/30/2018	2018102		2018102	6906.32 · OBMP-Other General Meetings	9,903.46
Bill	04/30/2018	2018103		2018103	6906.71 · OBMP-Data Req.-CBWM Staff	3,948.45
Bill	04/30/2018	2018104		2018104	6906.72 · OBMP-Data Req.-Non CBWM Staff	1,275.90
Bill	04/30/2018	2018105		2018105	6906 · OBMP Engineering Services	3,469.40
Bill	04/30/2018	2018106		2018106	7103.3 · Grdwtr Qual-Engineering	14,827.53
Bill	04/30/2018	20018107		2018107	7104.3 · Grdwtr Level-Engineering	15,663.20
Bill	04/30/2018	2018108		2018108	7107.2 · Grd Level-Engineering	2,682.79
				WSP USA, Inc.	7107.6 · Grd Level-Contract Svcs	32,027.09
Bill	04/30/2018	2018109		2018109	7108.31 · Hydraulic Control - PBHSP	21,845.30
Bill	04/30/2018	2018110		2018110	7109.3 · Recharge & Well - Engineering	5,156.50
Bill	04/30/2018	2018111		2018111	7202.2 · Engineering Svc	1,563.40
Bill	04/30/2018	2018112		2018112	7402 · PE4-Engineering	7,764.25
Bill	04/30/2018	2018113		2018113	7402.10 · PE4 - Northwest MZ1 Area Proj.	10,810.55
Bill	04/30/2018	2018114		2018114	7502 · PE6&7-Engineering	7,758.37
Bill	04/30/2018	2018115		2018115	7510 · PE6&7-IEUA Salinity Mgmt. Plan	20,105.40
Bill	04/30/2018	2018116		2018116	7602 · PE8&9-Engineering	33,852.00
Bill	04/30/2018	2018117		2018117	6906.27 · HCP Mtgs/Tech. Review-IEUA Cost	4,069.50
TOTAL						203,274.26
Bill Pmt -Check	05/24/2018	ACH 052418	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
Bill	05/01/2018	15280080		Annual Unfunded Accrued Liability	60180 · Employers PERS Expense	4,348.52
TOTAL						4,348.52
Bill Pmt -Check	05/24/2018	ACH 052418	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	05/19/2018	05/19/2018	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 05/06/18-05/19/18	2000 · Accounts Payable	6,725.08
TOTAL						6,725.08
Bill Pmt -Check	05/25/2018	20812	CUCAMONGA VALLEY WATER DISTRICT	Rent Expense	1012 · Bank of America Gen'l Ckg	

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	05/22/2018			Office lease due June 1, 2018	1422 · Prepaid Rent	6,608.80
TOTAL						6,608.80
Bill	05/25/2018	20813	GREAT AMERICA LEASING CORP.	22664379	1012 · Bank of America Gen'l Ckg	
Bill	05/21/2018	22664379		Invoice for May 2018	6043.1 · Ricoh Lease Fee	2,605.07
TOTAL						2,605.07
Bill	05/25/2018	20814	HUITSING, JOHN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/12/2018	4/12 Ag Pool Mtg		4/12/18 Ag Pool Meeting	8411 · Compensation	25.00
				4/12/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill	05/25/2018	20815	LEGAL SHIELD	0111802	1012 · Bank of America Gen'l Ckg	
Bill	05/22/2018	0111802		Employee deductions - May 2018	60194 · Other Employee Insurance	79.70
TOTAL						79.70
Bill	05/25/2018	20816	R&D PEST SERVICES	0228458	1012 · Bank of America Gen'l Ckg	
Bill	05/21/2018	0228458		Pest control	6024 · Building Repair & Maintenance	100.00
TOTAL						100.00
Bill	05/25/2018	20817	STANDARD INSURANCE CO.	Policy # 00-649299-0009	1012 · Bank of America Gen'l Ckg	
Bill	05/22/2018	006492990009		Policy # 00-649299-0009	60191 · Life & Disab.Ins Benefits	786.43
TOTAL						786.43
Bill	05/25/2018	20818	STAPLES BUSINESS ADVANTAGE	8049892481	1012 · Bank of America Gen'l Ckg	
Bill	05/12/2018	8049892481		Miscellaneous office supplies	6031.7 · Other Office Supplies	46.68
TOTAL						46.68
Bill	05/25/2018	20819	STAULA, MARY L	Retiree Medical	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2018			Retiree Medical	60182.4 · Retiree Medical	25.17
TOTAL						25.17
Bill	05/25/2018	20820	VERIZON WIRELESS	9807138773	1012 · Bank of America Gen'l Ckg	
Bill	05/22/2018	9807138773		Acct #642073270-00001	7103.7 · Grdwtr Qual-Computer Svc	100.10
TOTAL						100.10
Bill	05/25/2018	20821	FRONTIER COMMUNICATIONS	909-484-3890-050914-5	1012 · Bank of America Gen'l Ckg	
Bill	05/15/2018	90948438900509145		Office fax	6022 · Telephone	142.78
TOTAL						142.78

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	05/25/2018	20822	UNITED HEALTHCARE	052581674102	1012 · Bank of America Gen'l Ckg	
Bill	05/14/2018	052581674102		Dental Insurance Premium - June 2018	60182.2 · Dental & Vision Ins	749.75
TOTAL						749.75
Bill Pmt -Check	05/25/2018	20823	VERIZON WIRELESS	9806600051	1012 · Bank of America Gen'l Ckg	
Bill	05/15/2018	9806600051		Acct #470810953-00001	6022 · Telephone	297.55
TOTAL						297.55
Bill Pmt -Check	05/30/2018	20824	BROWNSTEIN HYATT FARBER SCHRECK		1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018	720859		720859	6078 · BHFS Legal - Miscellaneous	31,360.50
				Angelica BK	6078 · BHFS Legal - Miscellaneous	149.40
				NRG BK	6078 · BHFS Legal - Miscellaneous	925.65
				Mileage/Parking Expense	6078 · BHFS Legal - Miscellaneous	73.56
				Mileage/Parking Expense	8375 · BHFS Legal - Appropriative Pool	12.26
				Mileage/Parking Expense	8475 · BHFS Legal - Agricultural Pool	12.26
				Mileage/Parking Expense	8575 · BHFS Legal - Non-Ag Pool	49.04
Bill	04/30/2018	720860		Employee Handbook	6073 · BHFS Legal - Personnel Matters	3,181.95
				GM Evaluation	6073 · BHFS Legal - Personnel Matters	1,474.20
				Personnel	6073 · BHFS Legal - Personnel Matters	1,579.50
Bill	04/30/2018	720861		720861	6907.34 · Santa Ana River Water Rights	222.75
Bill	04/30/2018	720862		720862	6907.33 · Desalter/Hydraulic Control	1,553.85
Bill	04/30/2018	720863		720863	6275 · BHFS Legal - Advisory Committee	935.55
Bill	04/30/2018	720864		720864	6375 · BHFS Legal - Board Meeting	5,208.30
				Delivery/Ground Transportation	6375 · BHFS Legal - Board Meeting	300.00
Bill	04/30/2018	720865		720865	8375 · BHFS Legal - Appropriative Pool	1,291.95
Bill	04/30/2018	720866		720866	8475 · BHFS Legal - Agricultural Pool	1,291.95
Bill	04/30/2018	720867		720867	8575 · BHFS Legal - Non-Ag Pool	1,291.95
Bill	04/30/2018	720868		720868	6071 · BHFS Legal - Court Coordination	3,513.60
Bill	04/30/2018	720869		720869	6077 · BHFS Legal - Party Status Maint	3,429.90
Bill	04/30/2018	720870		720870	6907.39 · Recharge Master Plan	7,114.95
				Mileage/Parking Expense	6907.39 · Recharge Master Plan	62.17
Bill	04/30/2018	720871		720871	6907.40 · Storage Agreements	911.25
Bill	04/30/2018	720872		720872	6907.41 · Prado Basin Habitat Sustain	2,272.05
Bill	04/30/2018	720873		720873	6907.42 · Safe Yield Recalculation	14,884.65
				Lodging for 04/10/18	6907.42 · Safe Yield Recalculation	225.00
				Lodging for 04/26/18	6907.42 · Safe Yield Recalculation	225.00
Bill	04/30/2018	720874		720874	6907.44 · SGMA Compliance	6,675.30
				Airfare	6907.44 · SGMA Compliance	280.96
TOTAL						90,509.45

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	05/30/2018	20825	NAKANO, JUSTIN	Exp. Report 051118	1012 · Bank of America Gen'l Ckg	
Bill	05/11/2018	Exp. Report 051118		Lunch with JCSD	6141.3 · Admin Meetings	43.02
TOTAL						<u>43.02</u>
Bill Pmt -Check	05/30/2018	20826	TELLEZ-FOSTER, EDGAR	Expense Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	05/08/2018	ACWA 050818		ETF - ACWA Conference	6191 · Conferences - General	42.53
TOTAL						<u>42.53</u>
Bill Pmt -Check	05/31/2018	20827	INLAND EMPIRE UTILITIES AGENCY	1800003725	1012 · Bank of America Gen'l Ckg	
Bill	05/10/2018	1800003725		RMPU Yield Enhancement Projects Invoice #7	7690.15 · RMPU Amend. Yield (TO #1)	459,262.50
TOTAL						<u>459,262.50</u>
					Total Disbursements:	<u><u>948,362.24</u></u>

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