

# CHINO BASIN WATERMASTER



## NOTICE OF MEETING

**Thursday, February 28, 2019**

11:00 a.m. – Watermaster Board Meeting

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

# **CHINO BASIN WATERMASTER**

**Thursday, February 28, 2019**

11:00 a.m. – Watermaster Board Meeting

***AGENDA***

**CHINO BASIN WATERMASTER  
WATERMASTER BOARD MEETING**

11:00 a.m. – February 28, 2019

**WITH**

*Mr. Jeff Pierson – Chair  
Mr. Darron Poulsen – Vice-Chair*

**At The Offices Of**

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

**AGENDA**

**CALL TO ORDER**

**PLEDGE OF ALLEGIANCE**

**PUBLIC COMMENTS**

**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 Watermaster Board Meeting held January 24, 2019 *(Page 1)*

**B. FINANCIAL REPORTS**

Receive and file as presented:

1. Cash Disbursements for the month of December 2018 *(Page 5)*
2. Watermaster VISA Check Detail for the month of December 2018 *(Page 17)*
3. Combining Schedule for the Period July 1, 2018 through December 31, 2018 *(Page 21)*
4. Treasurer's Report of Financial Affairs for the Period December 1, 2018 through December 31, 2018 *(Page 25)*
5. Budget vs. Actual Report for the Period July 1, 2018 through December 31, 2018 *(Page 29)*

**II. BUSINESS ITEMS**

**NONE**

**III. REPORTS/UPDATES**

**A. LEGAL COUNSEL REPORT**

1. Appeal from April 28, 2017 Order
2. MVWD Ex Parte Application
3. March 15, 2019 Hearing

**B. ENGINEER REPORT**

1. Pomona Extensometer Update
2. Results of Evaluation of the Chino Airport Remedial Action Plan
3. Ground-Level Monitoring Committee Scoping and Budgeting for Fiscal Year 2019/20
4. Prado Basin Habitat Sustainability Program Scoping and Budgeting for Fiscal Year 2019/20
5. SGMA Adjudicated Basin Annual Reporting

**C. CFO REPORT**

1. Fiscal Year 2018/19 Mid-Year Review

**D. GM REPORT**

1. OBMP Update
2. Ely 3 Basin Update
3. USACE Feasibility Study EIR/EIS
4. Watermaster Mechanics Workshop
5. ACWA Nomination for Excellence in Water Leadership Award (David Kimbrough)
6. Board Room Conference Call Capability
7. Other

**IV. INFORMATION**

1. Cash Disbursements for January 2019 (*Page 51*)
2. Ground-Level Monitoring Status Report (Semi-Annual) (*Page 61*)
3. Santa Ana River Watershed Status Report (Semi-Annual) (*Page 67*)

**V. BOARD MEMBER COMMENTS**

**VI. OTHER BUSINESS**

**VII. CONFIDENTIAL SESSION - POSSIBLE ACTION**

Pursuant to Article 2.6 of the Watermaster Rules & Regulations, a Confidential Session may be held during the Watermaster Board meeting for the purpose of discussion and possible action.

1. Appeal of April 28, 2017 Order

**VIII. FUTURE MEETINGS AT WATERMASTER**

2/26/19	Tue	9:00 a.m.	Groundwater Recharge Coordinating Committee (GRCC)
2/28/19	Thu	9:00 a.m.	Ground-Level Monitoring Committee (GLMC)
2/28/19	Thu	11:00 a.m.	Watermaster Board

**ADJOURNMENT**

# **CHINO BASIN WATERMASTER**

## **I. CONSENT CALENDAR**

### **A. MINUTES**

1. Watermaster Board Meeting held on January 24, 2019

**DRAFT MINUTES**  
**CHINO BASIN WATERMASTER**  
**WATERMASTER BOARD MEETING**

January 24, 2019

The Watermaster Board meeting was held at the offices of the Chino Basin Watermaster located at 9641 San Bernardino Road, Rancho Cucamonga, CA on January 24, 2019.

**WATERMASTER BOARD MEMBERS PRESENT**

Jeff Pierson, Chair  
Darron Poulsen, Vice-Chair  
Bob Kuhn, Secretary/Treasurer  
Bob Bowcock  
Eunice Ulloa  
Paul Hofer  
Steve Elie  
Gino Filippi  
Don Galleano

Agricultural Pool – Crops  
City of Pomona  
Three Valleys Municipal Water District  
CalMat Co.  
City of Chino  
Agricultural Pool – Crops  
Inland Empire Utilities Agency  
Appropriative Pool – Minor Representative  
Western Municipal Water District

**WATERMASTER STAFF PRESENT**

Peter Kavounas  
Joseph Joswiak  
Anna Nelson  
Edgar Tellez Foster  
Justin Nakano

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

**WATERMASTER CONSULTANTS PRESENT**

Scott Slater  
Brad Herrema  
Andy Malone  
Samantha Adams

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

**OTHERS PRESENT**

Van Jew  
Pete Hall  
Ron Craig  
Steven Popelar  
Teri Layton  
Brian Geye  
Rick Hansen  
Amanda Coker  
Art Kidman  
Eduardo Espinoza  
Courtney Jones  
Steve Corrington  
Dave Crosley  
Betty Anderson  
Raul Garibay  
Bob Feenstra  
Chris Berch  
David De Jesus  
Manny Martinez

Monte Vista Water District  
State of California – CIM  
City of Chino Hills  
Jurupa Community Services District  
San Antonio Water Company  
California Speedway Corporation  
Three Valleys Municipal Water District  
City of Chino  
Kidman Gagen Law, LLP  
Cucamonga Valley Water District  
City of Ontario  
MIH Water Treatment, Inc.  
City of Chino  
Jurupa Community Services District  
City of Pomona  
Agricultural Pool – Dairy  
Inland Empire Utilities Agency  
Three Valleys Municipal Water District  
Monte Vista Water District

**CALL TO ORDER**

Chair Pierson called the Watermaster Board meeting to order at 11:11 a.m.

**PLEDGE OF ALLEGIANCE**

**PUBLIC COMMENTS**

**AGENDA – ADDITIONS/REORDER**

(0:01:11) Mr. Kavounas added a matter of potential litigation as a Confidential Session item.

**I. CONSENT CALENDAR**

**A. MINUTES**

Approve as presented:

- 1. Minutes of the Watermaster Board Meeting held November 15, 2018
- 2. Minutes of the Watermaster Board Special Meeting held January 11, 2019

**B. FINANCIAL REPORTS**

Receive and file as presented:

- 1. Cash Disbursements for the month of October 2018
- 2. Watermaster VISA Check Detail for the month of October 2018
- 3. Combining Schedule for the Period July 1, 2018 through October 31, 2018
- 4. Treasurer’s Report of Financial Affairs for the Period October 1, 2018 through October 31, 2018
- 5. Budget vs. Actual Report for the Period July 1, 2018 through October 31, 2018
- 6. Cash Disbursements for the month of November 2018
- 7. Watermaster VISA Check Detail for the month of November 2018
- 8. Combining Schedule for the Period July 1, 2018 through November 30, 2018
- 9. Treasurer’s Report of Financial Affairs for the Period November 1, 2018 through November 30, 2018
- 10. Budget vs. Actual Report for the Period July 1, 2018 through November 30, 2018

**C. CHINO BASIN WATERMASTER INVESTMENT POLICY**

Approve Resolution 2019-01 – Resolution of the Chino Basin Watermaster, San Bernardino County, California, Re-Authorizing the Watermaster’s Investment Policy.

**D. LOCAL AGENCY INVESTMENT FUND**

Approve Resolution 2019-02 – Resolution Authorizing Investment of Monies in the Local Agency Investment Fund (LAIF).

**E. CHINO BASIN WATERMASTER 41<sup>st</sup> ANNUAL REPORT**

Adopt the 41st Annual Report, along with filing a copy with the Court, subject to any necessary non-substantive changes.

**F. REVISED PAGE 8.1 FROM FISCAL YEAR 2018/19 ASSESSMENT PACKAGE**

Approve the revised Page 8.1 of Fiscal Year 2018/19 Assessment Package.

**G. APPLICATION FOR RECHARGE**

Approve Fontana Water Company’s Application for Recharge and direct Watermaster staff to account for this supplemental water recharged in Fontana Water Company’s existing Local Supplemental Storage account.

**H. NOTICE OF INTENT TO CHANGE THE OPERATING SAFE YIELD OF THE CHINO GROUNDWATER BASIN**

**I. 2019 HEARING OFFICER PANEL APPOINTMENT**

Appoint the recommended panel of five, to be reconsidered periodically and no less than annually.

(0:01:45)

*Motion by Ms. Eunice Ulloa, seconded by Mr. Bob Kuhn, and by unanimous vote.*

***Moved to approve the Consent Calendar as presented.***

**II. BUSINESS ITEMS**

**NONE**

**III. REPORTS/UPDATES**

**A. LEGAL COUNSEL REPORT**

1. Appeal from April 28, 2017 Order
2. December 28, 2018 Court Hearing

(0:02:17) Mr. Slater gave a report.

**B. ENGINEER REPORT**

1. Salinity Management Update
2. 2020 Safe Yield Recalculation
3. Chino Basin Project
4. Pomona Extensometer
5. Chino Airport Remediation Project Evaluation

(0:06:12) Mr. Malone prefaced Item III.B.1. and introduced Ms. Adams to give a presentation. A discussion ensued.

(0:20:55) Mr. Malone reported on the remainder of the Engineer Report. A discussion ensued.

**C. CFO REPORT**

1. 2018/19 Assessment Invoicing

(0:31:32) Mr. Joswiak gave a report.

**D. GM REPORT**

1. SGMA Basin Prioritization
2. OBMP Update
3. Exhibit "G" Physical Solution Transfers
4. Updated Storage Agreements (Form 8)
5. 40<sup>th</sup> Judgment Anniversary Commemoration Event
6. Other

(0:32:46) Mr. Kavounas introduced Mr. Herrema to give a report on Item III.D.1.

(0:37:46) Mr. Kavounas prefaced Item III.D.2. and introduced Mr. Tellez Foster to give a presentation. A discussion ensued.

(0:56:07) Ms. Nelson gave a report on Items III.D.3 and III.D.4. A discussion ensued.

(1:01:23) Mr. Kavounas gave a report on Item III.D.5., introduced the Watermaster Mechanics workshop, and made an announcement regarding staff.

**IV. INFORMATION**

1. Cash Disbursements for December 2018

**V. BOARD MEMBER COMMENTS**

(1:05:28) Chair Pierson announced and congratulated Mr. Hofer for his newly elected position of Board President of the Inland Empire Utilities Agency.

(1:06:00) Mr. Filippi thanked the Watermaster staff for the new Board Room artwork.

**VI. OTHER BUSINESS**

None

**VII. CONFIDENTIAL SESSION - POSSIBLE ACTION**

Chair Pierson called for a confidential session at 12:18 p.m. to discuss the Appeal from April 28, 2017 Order and one additional matter of potential litigation. Mr. Slater announced that confidential session concluded at 12:25 p.m. with no reportable action.

**ADJOURNMENT**

Chair Pierson adjourned the Watermaster Board meeting at 12:25 p.m.

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

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

# **CHINO BASIN WATERMASTER**

## **I. CONSENT CALENDAR**

### **B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of December 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

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: February 28, 2019  
TO: Board Members  
SUBJECT: Cash Disbursement Report - Financial Report B1 (December 31, 2018)

### SUMMARY

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

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

Financial Impact: Funds disbursed were included in the FY 2018/19 "Amended" Watermaster Budget.

### Future Consideration

**Watermaster Board – February 28, 2019:** Receive and File (Normal Course of Business)

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### ACTIONS:

**Appropriative Pool – February 14, 2019:** Received and filed

**Non-Agricultural Pool – February 14, 2019:** Moved unanimously to receive and file, without approval

**Agricultural Pool – February 14, 2019:** Received and filed

**Advisory Committee – February 21, 2019:** Meeting was cancelled by Advisory Committee Officers due to a lack of business items

**Watermaster Board – February 28, 2019:**

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

## BACKGROUND

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

## DISCUSSION

Total cash disbursements during the month of December 2018 were \$600,195.07.

The most significant expenditure during the month was to Inland Empire Utilities Agency in the amount of \$287,917.00 (check number 21193 dated December 7, 2018). All other expenditures were less than the amount of \$50,000.

## ATTACHMENTS

1. Financial Report - B1

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**December 2018**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	12/05/2018	ACH 120518	CALPERS	1394905143	1012 · Bank of America Gen'l Ckg	.
Bill	11/14/2018	1394905143		December 2018	60182.1 · Medical Insurance	7,411.64
TOTAL						7,411.64
Bill Pmt -Check	12/05/2018	ACH 120618	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	11/30/2018	11/30/2018	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 11/18/18-12/01/18	2000 · Accounts Payable	7,373.28
TOTAL						7,373.28
Bill Pmt -Check	12/07/2018	21171	ACCENT COMPUTER SOLUTIONS, INC.	124823	1012 · Bank of America Gen'l Ckg	
Bill	12/01/2018	124823		Monthly service - Dec. 2018	6052.4 · IT Managed Services	3,680.00
				Overwatch - Dec. 2018	6052.5 · IT Data Backup/Storage	699.00
				OmniCloud - Dec. 2018	6052.5 · IT Data Backup/Storage	117.00
				Office 365 subscriptions - Dec. 2018	6052.4 · IT Managed Services	99.60
				Image Office Storage (per GB, per month)	6052.5 · IT Data Backup/Storage	828.16
TOTAL						5,423.76
Bill Pmt -Check	12/07/2018	21172	APPLIED COMPUTER TECHNOLOGIES	3006	1012 · Bank of America Gen'l Ckg	
Bill	11/30/2018	3006		Database Consulting Services - November 2018	6052.2 · Applied Computer Technol	3,770.80
TOTAL						3,770.80
Bill Pmt -Check	12/07/2018	21173	BOWCOCK, ROBERT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	11/15/2018	11/15 Board Mtg		11/15/18 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	12/07/2018	21174	CENTURYLINK	75283176	1012 · Bank of America Gen'l Ckg	
Bill	11/29/2018	75283176		11/17/18-12/16/18	6053 · Internet Expense	1,062.78
TOTAL						1,062.78
Bill Pmt -Check	12/07/2018	21175	DE BOOM, NATHAN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	11/13/2018	11/13 Ag Pool Mtg		11/13/18 Ag Pool Meeting	8411 · Compensation	25.00
				11/13/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	12/07/2018	21176	DE HAAN, HENRY	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	10/11/2018	10/11 Ag Pool Mtg		10/11/18 Ag Pool Meeting	8411 · Compensation	25.00
				10/11/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	12/07/2018	21177	DI PRIMIO, ROBERT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	11/06/2018	11/06 Personnel Comm		11/06/18 Personnel Committee meeting	6311 · Board Member Compensation	125.00

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**December 2018**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	11/13/2018	11/13 Board Agenda		11/13/18 Board Agenda Preview meeting	6311 · Board Member Compensation	125.00
Bill	11/15/2018	11/15 Board Mtg		11/15/18 Board meeting	6311 · Board Member Compensation	125.00
TOTAL						375.00
<b>Bill Pmt -Check</b>	<b>12/07/2018</b>	<b>21178</b>	<b>GREGORY, CAMILLE</b>	<b>Employee Reimbursement</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	12/03/2018			Name badge holders	1550 · Special Event-40th Anniversary	172.38
TOTAL						172.38
<b>Bill Pmt -Check</b>	<b>12/07/2018</b>	<b>21179</b>	<b>IN-SITU, INC.</b>	<b>00122839</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	11/14/2018	00122839		00122839	7103.6 · Grdwtr Qual-Supplies	4,758.24
TOTAL						4,758.24
<b>Bill Pmt -Check</b>	<b>12/07/2018</b>	<b>21180</b>	<b>KUHN, BOB</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	11/06/2018	11/06 Personnel Comm		11/06/18 Personnel Committee meeting	6311 · Board Member Compensation	125.00
Bill	11/08/2018	11/08 Appro Pool Mtg		11/08/18 Appropriative Pool meeting	6311 · Board Member Compensation	125.00
Bill	11/15/2018	11/15 Board Mtg		11/15/18 Board meeting	6311 · Board Member Compensation	125.00
Bill	11/28/2018	11/28 JPIA/ACWA Conf		11/28/18 JPIA/ACWA Conference	6311 · Board Member Compensation	125.00
TOTAL						500.00
<b>Bill Pmt -Check</b>	<b>12/07/2018</b>	<b>21181</b>	<b>LEGAL SHIELD</b>	<b>0111802</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	11/29/2018	0111802		Employee deductions - November 2018	60194 · Other Employee Insurance	51.80
TOTAL						51.80
<b>Bill Pmt -Check</b>	<b>12/07/2018</b>	<b>21182</b>	<b>PIETERSMA, RONALD</b>	<b>Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	11/13/2018	11/13 Ag Pool Mtg		11/13/18 Ag Pool Meeting	8411 · Compensation	25.00
				11/13/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
<b>Bill Pmt -Check</b>	<b>12/07/2018</b>	<b>21183</b>	<b>READY REFRESH BY NESTLE</b>	<b>0023230253</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	11/29/2018	0023230253		Office Water Bottle - November 2018	6031.7 · Other Office Supplies	106.46
TOTAL						106.46
<b>Bill Pmt -Check</b>	<b>12/07/2018</b>	<b>21184</b>	<b>SAN BERNARDINO COUNTY FLOOD CONTROL</b>	<b>P-11998284</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	11/30/2018	P-11998284		Operate monitoring well at San Sevaine Channel	6909.3 · Other OBMP Expenses	1,391.00
TOTAL						1,391.00
<b>Bill Pmt -Check</b>	<b>12/07/2018</b>	<b>21185</b>	<b>STANDARD INSURANCE CO.</b>	<b>Policy # 00-649299-0009</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	11/29/2018	006492990009		Policy # 00-649299-0009	60191 · Life & Disab.Ins Benefits	846.84
TOTAL						846.84

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**December 2018**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	12/07/2018	21186	STATE COMPENSATION INSURANCE FUND	1970970-18	1012 · Bank of America Gen'l Ckg	
Bill	12/03/2018	1970970-18		Monthly premium 11/26/18-12/26/18	60183 · Worker's Comp Insurance	552.42
TOTAL						552.42
Bill Pmt -Check	12/07/2018	21187	STATE WATER RESOURCES CONTROL BOARD DIV		1012 · Bank of America Gen'l Ckg	
Bill	11/29/2018	WR STF 094-014940		Water Rights Fee A028473 STF 094-014940	7205 · Comp Recharge-Other Expense	1,319.27
Bill	11/29/2018	WR STF 094-014939		Water Rights Fee A028996 STF 094-014939	7205 · Comp Recharge-Other Expense	2,195.27
Bill	11/29/2018	WR STF 094-014458		Water Rights Fee A031369 STF 094-014458	7205 · Comp Recharge-Other Expense	5,224.77
TOTAL						8,739.31
Bill Pmt -Check	12/07/2018	21188	TELLEZ-FOSTER, EDGAR	Travel Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	11/29/2018			ETF Reimbursement-ACWA Conference	6191 · Conferences - General	290.10
TOTAL						290.10
Bill Pmt -Check	12/07/2018	21189	THREE VALLEYS MUNICIPAL WATER DIST	11/19/18 Leadership Breakfast	1012 · Bank of America Gen'l Ckg	
Bill	11/19/2018	LB543		11/19/18 Leadership Breakfast for PK, ETF	6192 · Seminars - General	40.00
TOTAL						40.00
P9 Bill Pmt -Check	12/07/2018	21190	VERIZON WIRELESS	9818303944	1012 · Bank of America Gen'l Ckg	
Bill	11/29/2018	9818303944		Acct #642073270-00001	7103.7 · Grdwtr Qual-Computer Svc	100.04
TOTAL						100.04
Bill Pmt -Check	12/07/2018	21191	VISION SERVICE PLAN	00-101789-0001	1012 · Bank of America Gen'l Ckg	
Bill	11/30/2018	001017890001		Vision Insurance Premium - December 2018	60182.2 · Dental & Vision Ins	88.20
TOTAL						88.20
Bill Pmt -Check	12/07/2018	21192	WESTERN MUNICIPAL WATER DISTRICT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	10/25/2018	10/25 Board Mtg		10/25/18 Board Meeting - Galleano attendance	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	12/07/2018	21193	INLAND EMPIRE UTILITIES AGENCY		1012 · Bank of America Gen'l Ckg	
Bill	11/30/2018	1800004053		Lower Day Improvement Projects Inv. #7	7690.8 · Lower Day Basin RMPU (TO #2)	44,711.57
Bill	11/30/2018	1800004052		RMPU Yield Enhancement Projects Inv. #9	7690.15 · RMPU Amend. Yield (TO #1)	243,205.43
TOTAL						287,917.00
Bill Pmt -Check	12/11/2018	21194	ELIE, STEVEN	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	11/15/2018	11/15 Board Mtg		11/15/18 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	12/11/2018	21195	INLAND EMPIRE UTILITIES AGENCY	Leadership Breakfast	1012 · Bank of America Gen'l Ckg	

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**December 2018**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	12/06/2018			PK, JJ, ETF & AN-12/13/18 Leadership Breakfast	6192 · Seminars - General	80.00
TOTAL						80.00
<b>Bill Pmt -Check</b>	<b>12/11/2018</b>	<b>21196</b>	<b>PAYCHEX</b>	<b>2018112900</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	11/30/2018	2018112900		November 2018	6012 · Payroll Services	336.69
TOTAL						336.69
<b>Bill Pmt -Check</b>	<b>12/11/2018</b>	<b>21197</b>	<b>PIERSON, JEFFREY</b>	<b>Board and Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	11/01/2018	11/01 Admin Mtg		11/01/18 Admin mtg w/PK	6311 · Board Member Compensation	125.00
Bill	11/13/2018	11/13 Admin CC w/PK		11/13/18 Admin mtg w/PK - conference call	6311 · Board Member Compensation	125.00
Bill	11/13/2018	11/13 6-Pack Mtg		11/13/18 Admin Meeting w/6-pack	8470 · Ag Meeting Attend -Special	125.00
Bill	11/13/2018	11/13 Ag Pool Mtg		11/13/18 Ag Pool Mtg	8470 · Ag Meeting Attend -Special	125.00
Bill	11/15/2018	11/15 Board Mtg		11/15/18 Board Meeting	6311 · Board Member Compensation	125.00
Bill	11/15/2018	11/15 Advisory Comm		11/15/18 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	125.00
TOTAL						750.00
<b>Bill Pmt -Check</b>	<b>12/11/2018</b>	<b>21198</b>	<b>PITNEY BOWES GLOBAL FINANCIAL SERVICES</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	12/06/2018	3102624540		Property and sales tax on copier	6044 · Postage Meter Lease	10.78
Bill	12/06/2018	3102626320		Property and sales tax on copier	6044 · Postage Meter Lease	32.14
TOTAL						42.92
<b>Bill Pmt -Check</b>	<b>12/11/2018</b>	<b>21199</b>	<b>PREMIERE GLOBAL SERVICES</b>	<b>26850149</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	11/30/2018	26850149		WM report preview call on 11/05	6909.1 · OBMP Meetings	7.17
				Non-Ag Pool mtg call on 11/08	8512 · Meeting Expense	25.98
				Board agenda preview call on 11/13	6312 · Meeting Expenses	41.11
				Elected officials-40th anniversary call on 11/21	1550 · Special Event-40th Anniversary	6.38
				Fee - General	6022 · Telephone	49.00
				Fee - Confidential	6022 · Telephone	49.00
				WM coordination call on 10/29	6909.1 · OBMP Meetings	21.36
				Special Board mtg call on 11/01	6312 · Meeting Expenses	6.33
				WM coordination call on 11/05	6909.1 · OBMP Meetings	8.93
				Pool mtgs check call on 11/07	8312 · Meeting Expenses	4.61
				Pool mtgs check call on 11/07	8412 · Meeting Expenses	4.61
				Pool mtgs check call on 11/07	8512 · Meeting Expense	4.61
				Assessment pkg call on 11/07	6909.1 · OBMP Meetings	6.29
				SY Appeal call on 11/09	6909.1 · OBMP Meetings	9.77
				SY Appeal call on 11/09	6909.1 · OBMP Meetings	6.31
				WM coordination call on 11/13	6909.1 · OBMP Meetings	7.67
				WM coordination call on 11/19	6909.1 · OBMP Meetings	15.76
				WM coordination call on 11/26	6909.1 · OBMP Meetings	15.25

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**December 2018**

Type	Date	Num	Name	Memo	Account	Paid Amount
				Service Fee	6022 · Telephone	10.77
TOTAL						300.91
Bill Pmt -Check	12/11/2018	21200	RAUCH COMMUNICATION CONSULTANTS, LLC Nov-1802		1012 · Bank of America Gen'l Ckg	
Bill	11/30/2018	Nov-1802		AR41 - work completed through November 2018	6061.3 · Rauch	12,178.75
TOTAL						12,178.75
Bill Pmt -Check	12/11/2018	21201	RR FRANCHISING, INC.	64802	1012 · Bank of America Gen'l Ckg	
Bill	12/06/2018	64802		Monthly Janitorial Service - December 2018	6024 · Building Repair & Maintenance	740.00
TOTAL						740.00
Bill Pmt -Check	12/11/2018	21202	UNION 76	7076-2245-3035-5049	1012 · Bank of America Gen'l Ckg	
Bill	11/30/2018	7076224530355049		November 2018	6175 · Vehicle Fuel	136.40
TOTAL						136.40
Bill Pmt -Check	12/11/2018	21203	YUKON DISPOSAL SERVICE	21136525395	1012 · Bank of America Gen'l Ckg	
Bill	12/06/2018	21136525395		December 2018	6024 · Building Repair & Maintenance	117.14
TOTAL						117.14
P11						
Bill Pmt -Check	12/12/2018	21204	EGOSCUE LAW GROUP, INC.	12138	1012 · Bank of America Gen'l Ckg	
Bill	11/30/2018	12138		Ag Pool Legal Services - November 2018	8467 · Ag Legal & Technical Services	31,012.50
TOTAL						31,012.50
Bill Pmt -Check	12/13/2018	21205	ACWA JOINT POWERS INSURANCE AUTHORITY	0582813	1012 · Bank of America Gen'l Ckg	
Bill	12/12/2018	0587677		Prepayment - January 2019	1409 · Prepaid Life, BAD&D & LTD	220.14
				December 2018	60191 · Life & Disab.Ins Benefits	219.13
TOTAL						439.27
Bill Pmt -Check	12/13/2018	21206	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	11/30/2018	XXXX-XXXX-XXXX-9341		Breakfast meeting w/PK, JJ, AN	6141.3 · Admin Meetings	49.92
				Splitter cables for San Sevaine meeting room	6031.7 · Other Office Supplies	25.59
				Purchase chains for office driveway	6031.7 · Other Office Supplies	83.43
				Purchase chains for office driveway	6031.7 · Other Office Supplies	94.93
				Purchase chains for office driveway	6031.7 · Other Office Supplies	35.73
				Renew subscription to SmartDraw	6054 · Computer Software	65.99
				Renew domain name cbwm.org	6054 · Computer Software	200.86
				Renew Quickbooks Enterprise	6054 · Computer Software	1,518.68
				Extra charges for 40th anniversary event	1550 · Special Event-40th Anniversary	136.79
				1099-MISC tax forms for 2018	6031.7 · Other Office Supplies	28.46
				Purchase paper pads w/logo for 40th anniversary ev	1550 · Special Event-40th Anniversary	279.54

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**December 2018**

Type	Date	Num	Name	Memo	Account	Paid Amount
				Holiday cards for office	6031.7 · Other Office Supplies	161.86
				Flight-PK-12/03/18 SWRCB Water Workshop	6191 · Conferences - General	133.92
				Early bird checkin for above flight	6191 · Conferences - General	18.87
				Early bird checkin for above flight	6191 · Conferences - General	18.87
				Purchase armchair for women's restroom	6036 · Minor Office Furniture	228.71
				Purchase sofa for women's restroom	6036 · Minor Office Furniture	272.42
				Purchase curtains for women's restroom	6031.7 · Other Office Supplies	17.17
				Window cover supports	6031.7 · Other Office Supplies	13.73
				Cable shield cord covers	6031.7 · Other Office Supplies	28.89
				Extension cords/acoustic panels for Turner room	6031.7 · Other Office Supplies	97.83
				PK meeting w/H .Razak	8312 · Meeting Expenses	45.68
				Cold weather gear for field staff	6151 · Small Tools & Equipment	86.62
				Cold weather gear for field staff	6151 · Small Tools & Equipment	66.18
				Dry erase board	6031.7 · Other Office Supplies	19.45
				Purchase made at ACWA Fall Conference	6191 · Conferences - General	47.17
				Purchase made at ACWA Fall Conference	6191 · Conferences - General	47.17
				Coin display stands for 40th anniversary event	1550 · Special Event-40th Anniversary	35.83
				Dinner mtg at ACWA Fall Conference	6191 · Conferences - General	106.71
				PK mtg w/C. Hayes at ACWA Fall Conference	6191 · Conferences - General	55.46
				Miscellaneous office supplies	6031.7 · Other Office Supplies	6.32
				Hotel-PK-ACWA Fall Conference	6191 · Conferences - General	423.65
				PK mtg at ACWA Fall Conference	6191 · Conferences - General	58.83
				PK dinner at ACWA Fall Conferece	6191 · Conferences - General	15.04
				Renewal-GoToMeeting Annual 12/03/18-12/02/19	6022 · Telephone	353.20
TOTAL						4,879.50
<b>Bill Pmt -Check</b>	<b>12/13/2018</b>	<b>21207</b>	<b>CORELOGIC INFORMATION SOLUTIONS</b>	<b>81931457</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	11/30/2018	81931457		81931457	7103.7 · Grdwtr Qual-Computer Svc	62.50
				81931457	7101.4 · Prod Monitor-Computer	62.50
TOTAL						125.00
<b>Bill Pmt -Check</b>	<b>12/13/2018</b>	<b>21208</b>	<b>FEENSTRA, BOB</b>	<b>Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	11/06/2018	11/06 Personnel Comm		11/06/18 Personnel Committee meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	11/13/2018	11/13 Attorney Mtg		11/13/18 Appropriative Pool 6 Pack attorney meetin	8470 · Ag Meeting Attend -Special	125.00
Bill	11/13/2018	11/13 Ag Pool Mtg		11/13/18 Ag Pool meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	11/15/2018	11/15 Advisory Comm		11/15/18 Advisory Committee meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	11/15/2018	11/15 Board mtg		11/15/18 Board meeting	8470 · Ag Meeting Attend -Special	125.00
TOTAL						625.00
<b>Bill Pmt -Check</b>	<b>12/13/2018</b>	<b>21209</b>	<b>FILIPPI, GINO</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	

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**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**December 2018**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	11/15/2018	11/105 Board Mtg		11/15/18 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	12/13/2018	21210	FIRST LEGAL NETWORK LLC	40022779	1012 · Bank of America Gen'l Ckg	
Bill	11/30/2018	40022779		Court filings on 11/01/18, 11/20/18, 11/26/18, 11/28	6061.5 · Court Filing Services	546.50
TOTAL						546.50
Bill Pmt -Check	12/13/2018	21211	KAVOUNAS, PETER	Travel Expense Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	12/13/2018			Travel Expense Reimbursement	6191 · Conferences - General	776.38
				40th anniversary expense reimbursement	1550 · Special Event-40th Anniversary	191.25
TOTAL						967.63
Bill Pmt -Check	12/13/2018	21212	NAKANO, JUSTIN	Employee Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	12/13/2018			Ratchet and socket for field work	6151 · Small Tools & Equipment	81.29
TOTAL						81.29
Bill Pmt -Check	12/13/2018	21213	PETTY CASH	2761-2775	1012 · Bank of America Gen'l Ckg	
Bill	12/13/2018			Touch up paint for new truck	6177 · Vehicle Repairs & Maintenance	18.63
				Supplies for admin meetings	6141.3 · Admin Meetings	97.70
				Parking for PK to attend SCWC dinner	6191 · Conferences - General	17.00
				Supplies-attorney mtg, Vistage, OBMP mtg	6909.1 · OBMP Meetings	124.64
				Miscellaneous office supplies	6031.7 · Other Office Supplies	31.45
				Supplies for 40th Anniversary event	6031.7 · Other Office Supplies	62.64
TOTAL						352.06
Bill Pmt -Check	12/13/2018	21214	PRINTING RESOURCES	65529	1012 · Bank of America Gen'l Ckg	
Bill	12/03/2018	65529		Nameplate: Christopher R. Guillen	6031.7 · Other Office Supplies	30.60
TOTAL						30.60
Bill Pmt -Check	12/13/2018	21215	VERIZON WIRELESS	9819661372	1012 · Bank of America Gen'l Ckg	
Bill	12/12/2018	9819661372		Acct #470810953-00001	6022 · Telephone	249.37
				PK's Apple IPAD Pro and smart keyboard	6055 · Computer Hardware	1,234.16
TOTAL						1,483.53
Bill Pmt -Check	12/14/2018	21216	MICHAEL'S #3844	Office Frames	1012 · Bank of America Gen'l Ckg	
Bill	12/14/2018			Frame/matting for basin map	6031.7 · Other Office Supplies	281.55
TOTAL						281.55
Bill Pmt -Check	12/14/2018	21217	MICHAEL'S #3844	Office Frames	1012 · Bank of America Gen'l Ckg	
Bill	12/14/2018			Frame/matting-commendation-Judgment-40 Yrs.	1550 · Special Event-40th Anniversary	528.11

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**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**December 2018**

	<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Paid Amount</u>
TOTAL							528.11
	Check	12/17/2018	12/17/2018	Service Charge	Service Charge Service Charge	1012 · Bank of America Gen'l Ckg 6039.1 · Banking Service Charges	629.10
TOTAL							629.10
	General Journal	12/19/2018	12/19/2018	Payroll and Taxes for Special-12/19/18	Payroll and Taxes for Special-12/19/18 Direct Deposits for Special 12/19/18 Payroll and Taxes for Special 12/19/18	1012 · Bank of America Gen'l Ckg 1012 · Bank of America Gen'l Ckg 1012 · Bank of America Gen'l Ckg	16,781.77 4,697.92 688.43
				ICMA-RC	401(a) EE Deductions for Special 12/19/18	1012 · Bank of America Gen'l Ckg	688.43
TOTAL							22,168.12
	General Journal	12/19/2018	12/19/2018	Payroll and Taxes for 12/02/18-12/15/18	Payroll and Taxes for 12/02/18-12/15/18 Direct Deposits for 12/02/18-12/15/18 Payroll and Taxes for 12/02/18-12/15/18	1012 · Bank of America Gen'l Ckg 1012 · Bank of America Gen'l Ckg 1012 · Bank of America Gen'l Ckg	30,807.42 10,201.68 5,329.78
				ICMA-RC	457(b) EE Deductions for 12/02/18-12/15/18	1012 · Bank of America Gen'l Ckg	5,329.78
				ICMA-RC	401(a) EE Deductions for 12/02/18-12/15/18	1012 · Bank of America Gen'l Ckg	1,460.02
TOTAL							47,798.90
P14	Bill Pmt -Check	12/20/2018	21218	CUCAMONGA VALLEY WATER DISTRICT	Office Lease	1012 · Bank of America Gen'l Ckg	
	Bill	12/18/2018			office lease due January 1, 2019	1422 · Prepaid Rent	6,866.54
TOTAL							6,866.54
	Bill Pmt -Check	12/20/2018	21219	CV STRATEGIES	4756	1012 · Bank of America Gen'l Ckg	
	Bill	12/18/2018	4756		4756	1550 · Special Event-40th Anniversary	11,097.31
TOTAL							11,097.31
	Bill Pmt -Check	12/20/2018	21220	FRONTIER COMMUNICATIONS	909-484-3890-050914-5	1012 · Bank of America Gen'l Ckg	
	Bill	12/18/2018	90948438900509145		Office fax	6022 · Telephone	143.94
TOTAL							143.94
	Bill Pmt -Check	12/20/2018	21221	GREAT AMERICA LEASING CORP.	23898991	1012 · Bank of America Gen'l Ckg	
	Bill	12/18/2018	23898991		Invoice for December 2018	6043.1 · Ricoh Lease Fee	2,605.07
TOTAL							2,605.07
	Bill Pmt -Check	12/20/2018	21222	IAAP	93902097	1012 · Bank of America Gen'l Ckg	
	Bill	12/14/2018			Annual dues for J. Wilson IAAP membership	6111 · Membership Dues	150.00
TOTAL							150.00
	Bill Pmt -Check	12/20/2018	21223	JOHN J. SCHATZ	Appropriative Pool Legal Services	1012 · Bank of America Gen'l Ckg	

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**December 2018**

	<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Paid Amount</u>
	Bill	11/30/2018			November 2018	8367 · Legal Service	7,950.00
TOTAL							<u>7,950.00</u>
	Bill Pmt -Check	12/20/2018	21224	LEGAL SHIELD	0111802	1012 · Bank of America Gen'l Ckg	
	Bill	12/13/2018	111802		Employee deductions - December 2018	60194 · Other Employee Insurance	51.80
TOTAL							<u>51.80</u>
	Bill Pmt -Check	12/20/2018	21225	MONTE VISTA WATER DIST	SCADA Invoicing	1012 · Bank of America Gen'l Ckg	
	Bill	11/30/2018	October 2018		SCADA Installation Reim. - Oct. 2018	7107.63 · Grd Level-MVWD SCADA Reimburse	18,224.27
	Bill	11/30/2018	June-Sept 2018		SCADA Installation Reim. - Jun.-Sep. 2018	7107.63 · Grd Level-MVWD SCADA Reimburse	12,511.81
TOTAL							<u>30,736.08</u>
	Bill Pmt -Check	12/20/2018	21226	STAULA, MARY L	Retiree Medical	1012 · Bank of America Gen'l Ckg	
	Bill	12/31/2018			Retiree Medical	60182.4 · Retiree Medical	25.17
TOTAL							<u>25.17</u>
	Bill Pmt -Check	12/20/2018	21227	ACCENT COMPUTER SOLUTIONS, INC.	125366	1012 · Bank of America Gen'l Ckg	
	Bill	01/01/2019	125366		Monthly service - Jan. 2019	6052.4 · IT Managed Services	3,680.00
					Overwatch - Jan. 2019	6052.5 · IT Data Backup/Storage	699.00
					OmniCloud - Jan. 2019	6052.5 · IT Data Backup/Storage	117.00
					Office 365 subscriptions - Jan. 2019	6052.4 · IT Managed Services	99.60
					Image Office Storage (per GB, per month)	6052.5 · IT Data Backup/Storage	824.89
TOTAL							<u>5,420.49</u>
	Bill Pmt -Check	12/20/2018	21228	HUITSING, JOHN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
	Bill	11/13/2018	11/13 Ag Pool Mtg		11/13/18 Ag Pool Meeting	8411 · Compensation	25.00
					11/13/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL							<u>125.00</u>
	Bill Pmt -Check	12/20/2018	21229	LOEB & LOEB LLP	1801758	1012 · Bank of America Gen'l Ckg	
	Bill	11/30/2018	1801758		Non-Ag Pool Legal Services - November 2018	8567 · Non-Ag Legal Service	9,712.80
TOTAL							<u>9,712.80</u>
	Bill Pmt -Check	12/20/2018	21230	UNITED HEALTHCARE	052573936192	1012 · Bank of America Gen'l Ckg	
	Bill	12/18/2018	052573936192		Dental Insurance Premium - January 2019	60182.2 · Dental & Vision Ins	683.07
TOTAL							<u>683.07</u>
	Bill Pmt -Check	12/20/2018	ACH 122018	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
	General Journal	12/19/2018	12/19/2018	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for Special 12/19/18	2000 · Accounts Payable	2,691.76
	General Journal	12/19/2018	12/19/2018	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 12/02/18-12/15/18	2000 · Accounts Payable	7,373.28

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**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**December 2018**

Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAL						10,065.04
Bill Pmt -Check	12/21/2018	21231	INLAND EMPIRE UTILITIES AGENCY	90023383	1012 · Bank of America Gen'l Ckg	
Bill	01/01/2019	90023383		GW Recharge O&M cost reim.(Net) - 3rd quarter	7206 · Comp Recharge-O&M	2,068.38
TOTAL						2,068.38
Bill Pmt -Check	12/21/2018	21232	VERIZON WIRELESS	9820216985	1012 · Bank of America Gen'l Ckg	
Bill	12/20/2018	9820216985		Acct #642073270-00001	7103.7 · Grdwtr Qual-Computer Svc	100.04
TOTAL						100.04
Bill Pmt -Check	12/21/2018	ACH 122118	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
Bill	12/01/2018	15477934		Annual Unfunded Accrued Liability-Plan 3299	60180 · Employers PERS Expense	5,456.55
TOTAL						5,456.55
General Journal	12/29/2018	12/29/2018	Payroll and Taxes for 12/16/18-12/29/18	Payroll and Taxes for 12/16/18-12/29/18	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 12/16/18-12/29/18	1012 · Bank of America Gen'l Ckg	28,578.21
				Payroll Taxes for 12/16/18-12/29/18	1012 · Bank of America Gen'l Ckg	11,918.25
			ICMA-RC	457(b) EE Deductions for 12/16/18-12/29/18	1012 · Bank of America Gen'l Ckg	5,408.34
			ICMA-RC	401(a) EE Deductions for 12/16/18-12/29/18	1012 · Bank of America Gen'l Ckg	1,460.02
TOTAL						47,364.82
General Journal	12/31/2018	12/31/2018	Wage Works FSA Direct Debits - Decemberr 2018	Wage Works FSA Direct Debits - Decemberr 2018	1012 · Bank of America Gen'l Ckg	
				Wage Works FSA Direct Debits - Decemberr 2018	1012 · Bank of America Gen'l Ckg	509.60
				Wage Works FSA Direct Debits - Decemberr 2018	1012 · Bank of America Gen'l Ckg	509.60
				Wage Works FSA Direct Debits - Decemberr 2018	1012 · Bank of America Gen'l Ckg	76.25
TOTAL						1,095.45
					<b>Total Disbursements:</b>	<b>600,195.07</b>



# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: February 28, 2019  
TO: Board Members  
SUBJECT: VISA Check Detail Report - Financial Report B2 (December 31, 2018)

### SUMMARY

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

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

Financial Impact: Funds disbursed were included in the FY 2018/19 "Amended" Watermaster Budget.

### Future Consideration

**Watermaster Board – February 28, 2019:** Receive and File (Normal Course of Business)

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### ACTIONS:

**Appropriative Pool – February 14, 2019:** Received and filed

**Non-Agricultural Pool – February 14, 2019:** Moved unanimously to receive and file, without approval

**Agricultural Pool – February 14, 2019:** Received and filed

**Advisory Committee – February 21, 2019:** Meeting was cancelled by Advisory Committee Officers due to a lack of business items  
**Watermaster Board – February 28, 2019:**

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

## BACKGROUND

A monthly VISA Check Detail report is provided to keep all members apprised of Watermaster expenditures charged against the General Manager and Chief Financial Officer's Bank of America VISA card.

## DISCUSSION

The total cash disbursements during the month of December 2018 was \$4,879.50. The payment was processed in the amount of \$4,879.50 (by check number 21206 dated December 13, 2018). The monthly charges for December 2018 of \$4,879.50 were for routine and customary expenditures and properly documented with receipts.

## ATTACHMENTS

1. Financial Report - B2

CHINO BASIN WATERMASTER  
VISA Check Detail Report  
December 2018

Type	Num	Date	Name	Memo	Account	Paid Amount
Bill Pmt -Check	12/13/2018	21206	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	11/30/2018	XXXX-XXXX-XXXX-9341		Breakfast meeting w/PK, JJ, AN	6141.3 · Admin Meetings	49.92
				Splitter cables for San Sevaine meeting room	6031.7 · Other Office Supplies	25.59
				Purchase chains for office driveway	6031.7 · Other Office Supplies	83.43
				Purchase chains for office driveway	6031.7 · Other Office Supplies	94.93
				Purchase chains for office driveway	6031.7 · Other Office Supplies	35.73
				Renew subscription to SmartDraw	6054 · Computer Software	65.99
				Renew domain name cbwm.org	6054 · Computer Software	200.86
				Renew Quickbooks Enterprise	6054 · Computer Software	1,518.68
				Extra charges for 40th anniversary event	1550 · Special Event-40th Anniversary	136.79
				1099-MISC tax forms for 2018	6031.7 · Other Office Supplies	28.46
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				Flight-PK-12/03/18 SWRCB Water Workshop	6191 · Conferences - General	133.92
				Early bird checkin for above flight	6191 · Conferences - General	18.87
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				Purchase armchair for women's restroom	6036 · Minor Office Furniture	228.71
				Purchase sofa for women's restroom	6036 · Minor Office Furniture	272.42
				Purchase curtains for women's restroom	6031.7 · Other Office Supplies	17.17
				Window cover supports	6031.7 · Other Office Supplies	13.73
				Cable shield cord covers	6031.7 · Other Office Supplies	28.89
				Extension cords/acoustic panels for Turner room	6031.7 · Other Office Supplies	97.83
				PK meeting w/H .Razak	8312 · Meeting Expenses	45.68
				Cold weather gear for field staff	6151 · Small Tools & Equipment	86.62
				Cold weather gear for field staff	6151 · Small Tools & Equipment	66.18
				Dry erase board	6031.7 · Other Office Supplies	19.45
				Purchase made at ACWA Fall Conference	6191 · Conferences - General	47.17
				Purchase made at ACWA Fall Conference	6191 · Conferences - General	47.17
				Coin display stands for 40th anniversary event	1550 · Special Event-40th Anniversary	35.83
				Dinner mtg at ACWA Fall Conference	6191 · Conferences - General	106.71
				PK mtg w/C. Hayes at ACWA Fall Conference	6191 · Conferences - General	55.46
				Miscellaneous office supplies	6031.7 · Other Office Supplies	6.32
				Hotel-PK-ACWA Fall Conference	6191 · Conferences - General	423.65
				PK mtg at ACWA Fall Conference	6191 · Conferences - General	58.83
				PK dinner at ACWA Fall Conferece	6191 · Conferences - General	15.04
				Renewal-GoToMeeting Annual 12/03/18-12/02/19	6022 · Telephone	353.20
					<b>Total Disbursements:</b>	<b>4,879.50</b>

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TOTAL

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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

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: February 28, 2019  
TO: Board Members  
SUBJECT: Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2018 through December 31, 2018 - Financial Report B3 (December 31, 2018)

### SUMMARY

Issue: Record of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2018 through December 31, 2018.

Recommendation: Receive and file Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2018 through December 31, 2018 as presented.

Financial Impact: Funds disbursed were included in the FY 2018/19 "Amended" Watermaster Budget.

### Future Consideration

**Watermaster Board – February 28, 2019:** Receive and File (Normal Course of Business)

---

### ACTIONS:

**Appropriative Pool – February 14, 2019:** Received and filed

**Non-Agricultural Pool – February 14, 2019:** Moved unanimously to receive and file, without approval

**Agricultural Pool – February 14, 2019:** Received and filed

**Advisory Committee – February 21, 2019:** Meeting was cancelled by Advisory Committee Officers due to a lack of business items

**Watermaster Board – February 28, 2019:**

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

## BACKGROUND

A Combining Schedule of Revenue, Expenses and Changes in Net Assets for the period July 1, 2018 through December 31, 2018 is provided to keep all members apprised of the FY 2018/19 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, 2018 THROUGH DECEMBER 31, 2018

	WATERMASTER ADMINISTRATION	OPTIMUM BASIN MANAGEMENT	POOL ADMINISTRATION & SPECIAL PROJECTS			GROUNDWATER REPLENISHMENT	LAIF VALUE ADJ.	GASB 75 BEG. NET POSITION	GRAND TOTALS	AMENDED BUDGET 2018-2019
			APPROPRIATIVE POOL	AG POOL	NON-AG POOL					
<b>Administrative Revenues:</b>										
Administrative Assessments			8,298,615		357,157				8,655,772	8,655,545
Interest Revenue			82,245	5,684	638				88,568	63,968
Mutual Agency Project Revenue	167,712								167,712	167,712
Miscellaneous Income	65								65	0
<b>Total Revenues</b>	<b>167,777</b>	<b>-</b>	<b>8,380,860</b>	<b>5,684</b>	<b>357,796</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8,912,117</b>	<b>8,887,225</b>
<b>Administrative &amp; Project Expenditures:</b>										
Watermaster Administration	995,895								995,895	1,337,141
Watermaster Board-Advisory Committee	92,431								92,431	226,519
Ag Pool Misc. Expense - Ag Fund				-					-	400
Pool Administration			73,609	212,767	87,006				373,382	624,643
Optimum Basin Mgmt Administration		717,994							717,994	2,273,267
OBMP Project Costs		2,939,762							2,939,762	5,503,869
Debt Service		580,585							580,585	580,585
Basin Recharge Improvements		1,417,518							1,417,518	3,068,941
<b>Total Administrative/OBMP Expenses</b>	<b>1,088,326</b>	<b>5,655,859</b>	<b>73,609</b>	<b>212,767</b>	<b>87,006</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,117,567</b>	<b>13,615,365</b>
<b>Net Administrative/OBMP Expenses</b>	<b>(920,549)</b>	<b>(5,655,859)</b>								
Allocate Net Admin Expenses To Pools	920,549		646,649	239,449	34,451				-	
Allocate Net OBMP Expenses To Pools		3,657,756	2,569,429.41	951,439	136,888.13				-	
Allocate Debt Service to App Pool		580,585	580,585						-	
Allocate Basin Recharge to App Pool		1,417,518	1,417,518						-	
Agricultural Expense Transfer*			1,403,655	(1,403,655)					-	
<b>Total Expenses</b>			<b>6,691,445</b>	<b>-</b>	<b>258,345</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,117,567</b>	<b>13,615,365</b>
<b>Net Administrative Income</b>			<b>1,689,415</b>	<b>5,684</b>	<b>99,451</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,794,550</b>	<b>(4,728,140)</b>
<b>Other Income/(Expense)</b>										
Replenishment Water Assessments						796,239			796,239	0
Desalter Replenishment Obligation						-			-	0
Non-Ag Stored Water Purchases									-	0
Exhibit "G" Non-Ag Pool Water			-						-	0
RTS Charges from IEUA						(29,084)			(29,084)	0
Interest Revenue						1,689			1,689	0
MWD Water Purchases									-	0
Non-Ag Stored Water Purchases									-	0
Exhibit "G" Non-Ag Pool Water			-						-	0
MWD Water Purchases									-	0
Groundwater Replenishment									-	0
LAIF - Fair Market Value Adjustment							-		-	0
Other Post-Employment Benefits (OPEB)			-		-				-	0
Refund-Excess Reserves			-		-				-	0
Refund-Recharge Debt			(57,732)						(57,732)	0
Funding To/(From) Reserves									-	0
<b>Net Other Income/(Expense)</b>			<b>(57,732)</b>	<b>-</b>	<b>-</b>	<b>768,844</b>	<b>-</b>	<b>-</b>	<b>711,112</b>	<b>0</b>
<b>Net Transfers To/(From) Reserves</b>		<b>2,505,662</b>	<b>1,631,683</b>	<b>5,684</b>	<b>99,451</b>	<b>768,844</b>	<b>-</b>	<b>-</b>	<b>2,505,662</b>	<b>(4,728,140)</b>
<b>Net Assets, July 1, 2018</b>			<b>9,661,977</b>	<b>493,108</b>	<b>80,791</b>	<b>(4,534)</b>	<b>(20,461)</b>	<b>(443,445)</b>	<b>9,767,436</b>	
<b>Net Assets, End of Period</b>			<b>11,293,660</b>	<b>498,792</b>	<b>180,242</b>	<b>764,311</b>	<b>(20,461)</b>	<b>(443,445)</b>	<b>12,273,098</b>	<b>12,273,098</b>
<b>17/18 Assessable Production</b>			<b>76,859,928</b>	<b>28,460,605</b>	<b>4,094,766</b>				<b>109,415,299</b>	
<b>17/18 Production Percentages</b>			<b>70.246%</b>	<b>26.012%</b>	<b>3.742%</b>				<b>100.000%</b>	

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

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# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: February 28, 2019  
TO: Board Members  
SUBJECT: Treasurer's Report of Financial Affairs for the Period December 1, 2018 through December 31, 2018 - Financial Report B4 (December 31, 2018)

### SUMMARY

Issue: Record of increases or decreases in the cash position, assets and liabilities of Watermaster for the Period of December 1, 2018 through December 31, 2018.

Recommendation: Receive and file Treasurer's Report of Financial Affairs for the Period December 1, 2018 through December 31, 2018 as presented.

Financial Impact: Funds disbursed were included in the FY 2018/19 "Amended" Watermaster Budget.

### Future Consideration

Watermaster Board – February 28, 2019: Receive and File (Normal Course of Business)

---

### ACTIONS:

Appropriative Pool – February 14, 2019: Received and filed

Non-Agricultural Pool – February 14, 2019: Moved unanimously to receive and file, without approval

Agricultural Pool – February 14, 2019: Received and filed

Advisory Committee – February 21, 2019: Meeting was cancelled by Advisory Committee Officers due to a lack of business items

Watermaster Board – February 28, 2019:

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

## BACKGROUND

A Treasurer's Report of Financial Affairs for the Period December 1, 2018 through December 31, 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  
DECEMBER 1, 2018 THROUGH DECEMBER 31, 2018**

Financial Report - B4

**DEPOSITORIES:**

Cash on Hand - Petty Cash			\$	500
Bank of America				
Governmental Checking-Demand Deposits	\$	458,279		
Zero Balance Account - Payroll		-		458,279
Trust Account - County of San Bernardino				845
Local Agency Investment Fund - Sacramento				13,574,613
<b>TOTAL CASH IN BANKS AND ON HAND</b>				<b>\$ 14,034,237</b>
TOTAL CASH IN BANKS AND ON HAND				7,193,656
				<b>\$ 6,840,581</b>

<b>TOTAL CASH IN BANKS AND ON HAND</b>	12/31/2018			<b>\$ 14,034,237</b>
TOTAL CASH IN BANKS AND ON HAND	11/30/2018			7,193,656

**\$ 6,840,581**

**CHANGE IN CASH POSITION DUE TO:**

Decrease/(Increase) in Assets:				
Accounts Receivable				\$ 1,544
Assessments Receivable				7,420,203
Prepaid Expenses, Deposits & Other Current Assets				(3,253)
(Decrease)/Increase in Liabilities:				
Accounts Payable				(109,325)
Accrued Payroll, Payroll Taxes & Other Current Liabilities				-
Long Term Liabilities				(7,512)
Transfer to/(from) Reserves				(461,077)
				<b>\$ 6,840,581</b>

**\$ 6,840,581**

**SUMMARY OF FINANCIAL TRANSACTIONS:**

	Petty Cash	Govt'I Checking Demand	Zero Balance Account Payroll	Trust Account County of San Bernardino	Local Agency Investment Funds	Totals
Balances as of 11/30/2018	\$ 500	\$ 2,417,698	\$ -	\$ 845	\$ 4,774,613	\$ 7,193,656
Deposits	-	7,865,776	-	-	9,225,000	17,090,776
Transfers	-	(9,371,992)	(100,693)	-	(425,000)	(9,897,686)
Withdrawals/Checks	-	(453,203)	100,693	-	-	(352,509)
Balances as of 12/31/2018	\$ 500	\$ 458,279	\$ -	\$ 845	\$ 13,574,613	\$ 14,034,237
<b>PERIOD INCREASE OR (DECREASE)</b>	<b>\$ -</b>	<b>\$ (1,959,419)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 8,800,000</b>	<b>\$ 6,840,581</b>

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**CHINO BASIN WATERMASTER  
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD  
DECEMBER 1, 2018 THROUGH DECEMBER 31, 2018**

**INVESTMENT TRANSACTIONS**

Effective Date	Transaction	Depository	Activity	Redeemed	Days to Maturity	Interest Rate(*)	Maturity Yield
12/11/2018	Deposit		3,550,000				
12/20/2018	Deposit		5,675,000				
12/21/2018	Withdrawal		(425,000)				
<b>TOTAL INVESTMENT TRANSACTIONS</b>			<b>\$ 8,800,000</b>	<b>\$0</b>			

\* The earnings rate for L.A.I.F. is a daily variable rate; 2.40% was the effective yield rate at the Quarter ended December 31, 2018.

**INVESTMENT STATUS  
December 31, 2018**

Financial Institution	Principal Amount	Number of Days	Interest Rate	Maturity Date
Local Agency Investment Fund	\$ 13,574,613			
<b>TOTAL INVESTMENTS</b>	<b>\$ 13,574,613</b>			

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

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

Respectfully submitted,



Joseph S. Joswiak  
Chief Financial Officer  
Chino Basin Watermaster

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# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: February 28, 2019  
TO: Board Members  
SUBJECT: Budget vs. Actual Report for the Period July 1, 2018 through December 31, 2018 -  
Financial Report B5 (December 31, 2018)

### SUMMARY

Issue: Record of revenues and expenses of Watermaster for the Period of July 1, 2018 through December 31, 2018.

Recommendation: Receive and file Budget vs. Actual Report for the Period July 1, 2018 through December 31, 2018 as presented.

Financial Impact: Funds disbursed were included in the FY 2018/19 "Amended" Watermaster Budget.

### Future Consideration

**Watermaster Board – February 28, 2019:** Receive and File (Normal Course of Business)

---

### ACTIONS:

**Appropriative Pool – February 14, 2019:** Received and filed

**Non-Agricultural Pool – February 14, 2019:** Moved unanimously to receive and file, without approval

**Agricultural Pool – February 14, 2019:** Received and filed

**Advisory Committee – February 21, 2019:** Meeting was cancelled by Advisory Committee Officers due to a lack of business items

**Watermaster Board – February 28, 2019:**

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

## BACKGROUND

A Budget vs. Actual Report for the period July 1, 2018 through December 31, 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 – DECEMBER 2018

Year-To-Date (YTD) for the six months ending December 31, 2018, all but six categories were at or below the projected budget. The categories over budget were: (1) the Administration Salary/Benefits expenses (6010's) which were over budget by \$50,874 or 9.5% 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 \$149,468 or 191.6% as a result of miscellaneous legal matters as detailed in the BHFS section; (3) Business Insurance expenses (6080's) over budget by \$6,846 or 23.8% as a result of the additional coverage for Environmental and Pollution Liability as recommended by our broker, for water sampling activities within the basin by the Watermaster staff, not budgeted for in the FY 2018/19 budget; (4) Appropriative Pool Administration expenses (8300's) over budget by \$4,426 or 6.4% as a result of increased legal activities by the Appropriative Pool attorney for the months of July 2018 through December 2018; (5) Agricultural Pool Legal Services (8467's) over budget by \$69,867 or 68.2% as a result of increased legal activities performed by the Agricultural Pool's attorney during the months of July 2018 through December 2018; and (6) Non-Agricultural Pool Administration expenses (8500's) over budget by \$15,742 or 22.1% as a result of increased legal activities performed by the Non-Agricultural Pool's attorney during the months of July 2018 through December 2018.

For the majority of the expense categories within the Watermaster budget for FY 2018/19, the individual line-item budgets are divided into 12-monthly amounts and allocated accordingly. As the fiscal year progresses, these categories listed above could level out over time and be within the budget levels.

Watermaster is not recommending a Budget Amendment or Budget Transfer at this time. However, if the over budget trends listed above continue during FY 2018/19, a Budget Amendment and/or Budget Transfer could be required to ensure Watermaster's ability to fund the ongoing expenses.

Overall, the Watermaster (YTD) Actual Expenses were \$2,486,391 or 25.9% below the (YTD) Budgeted Expenses of \$9,603,958.

### PREVIOUSLY REPORTED ACTIONS (Descending Order)

July 2018:

During the month of July 2018, the "Carry Over" funding was calculated. The Total "Carry Over" funding amount of \$4,728,140.07 has been posted to the general ledger accounts. The total amount of \$4,728,140.07 consisted of \$3,068,940.82 from Capital Improvement Projects, \$1,594,653.00 from Engineering Services, and \$64,546.25 from Administration Services. More detailed information is provided regarding this issue under the "Carry Over" Funding section.

The Amended Budget for FY 2018/19 is \$13,615,365.07 which includes \$4,728,140.07 for the prior years "Carry Over" funding. The Original Approved budget for FY 2018/19 of \$8,887,225 was adopted by the Watermaster Board on May 24, 2018 (\$8,887,225 + \$4,728,140.07 = \$13,615,365.07).

## SALARIES EXPENSE

### CURRENT MONTH – DECEMBER 2018

As of December 31, 2018, the total (YTD) Watermaster salary expenses were \$87,048 or 8.9% below the (YTD) budgeted amount of \$976,415. The overall staffing budget was developed with a staffing level of ten Full-Time Equivalents (FTE's), and staffing is currently at ten Full-Time Equivalents (FTE's).

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

When the FY 2018/19 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 December 31, 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:

	<u>Jul '18 - Dec '18</u> <u>Actual</u>	<u>Jul '18 - Dec '18</u> <u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>	<u>FY 2018/19</u> <u>Annual Budget</u>
<b>WM Salary Expense</b>					
6011 · WM Staff Salaries	572,150.39	500,400.00	71,750.39	114.34%	993,161.00
6011.1 · WM Staff Salaries - Overtime	7,671.21	0.00	7,671.21	100.0%	0.00
6011.4 · 457(f) NQDC Plan	7,336.65	18,516.00	-11,179.35	39.62%	37,034.00
6017 · Temporary Services	0.00	10,500.00	-10,500.00	0.0%	21,000.00
6201 · Advisory Committee - WM Staff Salaries	10,850.54	12,727.00	-1,876.46	85.26%	25,259.00
6301 · Watermaster Board - WM Staff Salaries	16,488.05	20,367.00	-3,878.95	80.96%	40,422.00
8301 · Appropriative Pool - WM Staff Salaries	19,606.00	18,933.00	673.00	103.56%	37,577.00
8401 · Agricultural Pool - WM Staff Salaries	9,818.48	16,037.00	-6,218.52	61.22%	31,829.00
8501 · Non-Agricultural Pool - WM Staff Salaries	7,704.32	10,939.00	-3,234.68	70.43%	21,712.00
6901 · OBMP - WM Staff Salaries	30,190.01	71,007.00	-40,816.99	42.52%	140,931.00
7101.1 · Production Monitor - WM Staff Salaries	26,923.09	32,294.00	-5,370.91	83.37%	64,095.00
7102.1 · In-line Meter - WM Staff Salaries	0.00	9,401.00	-9,401.00	0.0%	18,657.00
7103.1 · Grdwater Quality - WM Staff Salaries	14,345.41	36,179.00	-21,833.59	39.65%	71,806.00
7104.1 · Grdwater Level - WM Staff Salaries	30,796.13	31,981.00	-1,184.87	96.3%	63,475.00
7107.1 · GrdLevel Monitoring - WM Staff Salaries	2,304.17	2,665.00	-360.83	86.46%	5,290.00
7108.1 · Hydraulic Control - WM Staff Salaries	0.00	2,023.00	-2,023.00	0.0%	4,015.00
7108.11 · Prado Basin - WM Staff Salaries	0.00	2,755.00	-2,755.00	0.0%	5,466.00
7201 · Comp Recharge - WM Staff Salaries	24,716.96	29,468.00	-4,751.04	83.88%	58,482.00
7301 · PE3&5 - WM Staff Salaries	1,474.40	8,149.00	-6,674.60	18.09%	16,174.00
7401 · PE4 - WM Staff Salaries	8,846.39	4,998.00	3,848.39	177.0%	9,919.00
7501 · PE6&7 - WM Staff Salaries	737.19	2,816.00	-2,078.81	26.18%	5,588.00
7501.1 · PE 6&7 - WM Staff Salaries (Plume)	0.00	2,481.00	-2,481.00	0.0%	4,925.00
7601 · PE8&9 - WM Staff Salaries	4,978.26	10,757.00	-5,778.74	46.28%	21,350.00
<b>Subtotal WM Staff Costs</b>	<b>796,937.65</b>	<b>855,393.00</b>	<b>-58,455.35</b>	<b>93.17%</b>	<b>1,698,167.00</b>
60185 · Vacation	43,258.65	38,830.00	4,428.65	111.41%	77,067.00
60186 · Sick Leave	10,068.47	27,538.00	-17,469.53	36.56%	54,656.00
60187 · Holidays	39,102.42	54,654.00	-15,551.53	71.55%	68,319.00
<b>Subtotal WM Paid Leaves</b>	<b>92,429.59</b>	<b>121,022.00</b>	<b>-28,592.41</b>	<b>76.37%</b>	<b>200,042.00</b>
<b>Total WM Salary Costs</b>	<b>889,367.24</b>	<b>976,415.00</b>	<b>-87,047.76</b>	<b>91.09%</b>	<b>1,898,209.00</b>

PREVIOUSLY REPORTED ACTIONS (Descending Order)

August 2018:

Two candidates for the Field Operations Specialist (position #9 and position #10) were presented with a conditional offer letter dated September 7, 2018. Both candidates successfully cleared a background investigation, drug screening, and pre-employment physical. The two new Watermaster employees started employment on Tuesday, October 2, 2018. Both employees will be introduced to the Watermaster parties at the Pools, Advisory, and Board meetings during the month of October 2018.

July 2018:

The Sr. Field Operations Specialist submitted his written resignation on July 3, 2018 and left employment of Watermaster on July 17, 2018. Watermaster staff met with the Personnel Committee on August 23, 2018 to discuss the plan to reclassify Position #10 from a Water Resources Associate to a Sr. Field Operations Specialist. The Personnel Committee unanimously approved and recommended moving forward with the new position reclassification and adjustment.

The positions of Field Operations Specialist (Position #9) and Sr. Field Operations Specialist (Position #10) are currently under recruitment. The final selection of the two top candidates, along with issuance of a conditional offer of employment will take place before September 10, 2018 with the final screening process being successful completion of a background investigation, passing a drug test, and passing a pre-employment physical. The two positions are anticipated to be onboard with Watermaster as early as October 1, 2018. Both candidates will be introduced to the Watermaster parties at the Pools, Advisory, and Board meetings scheduled for October 2018.

LEGAL SERVICES  
BROWNSTEIN HYATT FARBER SCHRECK EXPENSES

CURRENT MONTH – DECEMBER 2018

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 2018/19. The total legal services budget was developed by multiplying the number of hours that would be required to complete the specific tasks by the hourly rate. The "Approved" budget was adopted for the original amount of \$963,028.

As of December 31, 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 \$24,799 or 5.3% above the (YTD) budgeted amount of \$467,281.

WATERMASTER ADMINISTRATIVE LEGAL SERVICES:

Overall, the Watermaster Administrative Legal Services expense (6070's) as of December 31, 2018, was \$149,468 or 191.6% above the budgeted amount of \$78,008. The specific items within the Administrative Legal Services expenses (6070's) which were over budget were Court Coordination (6071) over budget by \$38,692 or 177.1%; Personnel Matters (6073) which were over budget by \$8,736 or 176.5%; Party Status Maintenance (6077) which were over budget by \$5,774 or 63.6%; and the Miscellaneous Category (6078) which were over budget by \$119,499 or 632.3%. Please see Note 1 on the following page for a more detailed explanation of the miscellaneous types of expenses (6078).

The specific items within the Administrative Legal Services expenses (6070's) which were under budget were the expenses for Rules and Regulations (6072) under budget by \$5,413 or 100.0%; and Interagency Issues (6074) under budget by \$17,820 or 100.0%.

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 December 31, 2018 was \$12,518 or 15.2% below the budgeted amount of \$82,125. 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 2018. With regards to the Board Meeting expenses (6375), an additional Special Board Meeting was held during the month of July 2018 which increased the legal services for this specific line item category.

OBMP LEGAL SERVICES:

The OBMP legal expenses (accounts 6907.31 through 6907.90) were below the budget for the month. As of December 31, 2018, the category of OBMP legal expenses were \$112,152 or 36.5% below the budgeted amount of \$307,148. The majority of expenses within this OBMP category were under budget (YTD), however, the Recharge Master Plan expenses (6907.39) were over budget by \$12,480 or 52.7%; and Safe Yield Recalculation legal expenses (6907.42) were over budget by \$55,756 or 97.8%.

The table listed below summarizes the Brownstein Hyatt Farber Schreck (BHFS) expenses as of December 31, 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 '18 - Dec '18 Actual	Jul '18 - Dec '18 Budget	\$ Over Budget	% of Budget	FY 2018/19 Annual Budget
<b>6070 · Watermaster Legal Services</b>					
6071 · BHFS Legal - Court Coordination	60,541.56	21,850.00	38,691.56	277.08%	43,700.00
6072 · BHFS Legal - Rules & Regulations	0.00	5,413.00	-5,413.00	0.0%	10,825.00
6073 · BHFS Legal - Personnel Matters	13,686.30	4,950.00	8,736.30	276.49%	9,900.00
6074 · BHFS Legal - Interagency Issues	0.00	17,820.00	-17,820.00	0.0%	35,640.00
6076 · BHFS Legal - Storage Issues	0.00	0.00	0.00	0.0%	0.00
6077 · BHFS Legal - Party Status Maintenance	14,849.10	9,075.00	5,774.10	163.63%	18,150.00
6078 · BHFS Legal - Miscellaneous (Note 1)	138,399.23	18,900.00	119,499.23	732.27%	37,800.00
<b>Total 6070 · Watermaster Legal Services</b>	<b>227,476.19</b>	<b>78,008.00</b>	<b>149,468.19</b>	<b>291.61%</b>	<b>156,015.00</b>
<b>6275 · BHFS Legal - Advisory Committee</b>	<b>7,469.82</b>	<b>9,900.00</b>	<b>-2,430.18</b>	<b>75.45%</b>	<b>21,780.00</b>
6375 · BHFS Legal - Board Meeting	36,106.67	35,100.00	1,006.67	102.87%	77,220.00
6375.1 · BHFS Legal - Board Workshop(s)	0.00	0.00	0.00	0.0%	12,038.00
8375 · BHFS Legal - Appropriative Pool	9,204.44	12,375.00	-3,170.56	74.38%	27,225.00
8475 · BHFS Legal - Agricultural Pool	8,494.52	12,375.00	-3,880.48	68.64%	27,225.00
8575 · BHFS Legal - Non-Ag Pool	8,331.44	12,375.00	-4,043.56	67.33%	27,225.00
<b>Total BHFS Legal Services</b>	<b>69,606.89</b>	<b>82,125.00</b>	<b>-12,518.11</b>	<b>84.76%</b>	<b>192,713.00</b>
<b>6907.3 · WM Legal Counsel</b>					
6907.31 · Archibald South Plume	0.00	6,561.00	-6,561.00	0.0%	13,125.00
6907.32 · Chino Airport Plume	2,798.88	6,561.00	-3,762.12	42.66%	13,125.00
6907.33 · Desalter/Hydraulic Control	133.65	11,811.00	-11,677.35	1.13%	23,625.00
6907.34 · Santa Ana River Water Rights	5,624.45	8,139.00	-2,514.55	69.11%	16,275.00
6907.36 · Santa Ana River Habitat	3,342.15	21,652.00	-18,309.85	15.44%	43,300.00
6907.38 · Reg. Water Quality Cntrl Board	212.40	7,875.00	-7,662.60	2.7%	15,750.00
6907.39 · Recharge Master Plan	36,180.42	23,700.00	12,480.42	152.66%	47,400.00
6907.40 · Storage Agreements	19,055.58	46,200.00	-27,144.42	41.25%	92,400.00
6907.41 · Prado Basin Habitat Sustainability	352.35	8,126.00	-7,773.65	4.34%	16,250.00
6907.42 · Safe Yield Recalculation	112,755.53	57,000.00	55,755.53	197.82%	114,000.00
6907.44 · SGMA Compliance	9,840.03	39,450.00	-29,609.97	24.94%	78,900.00
6907.45 · OBMP Update	4,701.03	54,098.00	-49,396.97	8.69%	108,200.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	15,975.00	-15,975.00	0.0%	31,950.00
<b>Total 6907 · WM Legal Counsel</b>	<b>194,996.47</b>	<b>307,148.00</b>	<b>-112,151.53</b>	<b>63.49%</b>	<b>614,300.00</b>
<b>Total Brownstein, Hyatt, Farber, Schreck Costs</b>	<b>492,079.55</b>	<b>467,281.00</b>	<b>24,798.55</b>	<b>105.31%</b>	<b>963,028.00</b>

Note 1: The types of legal activities that have been charged against the "Miscellaneous" legal category account 6078 are as follows: (1) Correspondence and discussions with Watermaster staff regarding current issues/topics; (2) Correspondence with Watermaster staff regarding special projects (assessment package, replenishment obligations, annual report, audit report, business plan, etc.); (3) Brownstein's status review of ongoing Watermaster projects and issues; (4) Brownstein's update of the outstanding issues list; (5) Coordination of ongoing Watermaster projects; (6) Review of draft documents and contracts; (7) Review transfer documents; (8) Ground-Level Monitoring Committee reports/meetings; (9) Review process and criteria for SGMA reporting; (10) MWWD SCADA Agreement and installation; (11) Angelica Corporation Bankruptcy matter; (12) NRG/GENON Bankruptcy matter; (13) Pomona extensometer project, CEQA review and compliance; (14) Desalter Replenishment obligations, assessment methodologies, and ongoing issues; (15) Master Cost Sharing Agreement with IEUA; (16) Estimation and adoption of an evaporative loss policy for Recharge; (17) CalMat intervention; (18) Angelica's water rights transfer; (19) Exhibit "G" rate issues; (20) Blomquist outline review; (21) Right of Entry Agreements for various locations; (22) 40<sup>th</sup> Anniversary Event; (23) Establishment of 2019 hearing officer panel; (24) Brown Act compliance for websites; and (25) Miscellaneous legal research on current and pending issues.

**PREVIOUSLY REPORTED ACTIONS (Descending Order)**

None

**OBMP ENGINEERING SERVICES AND LEGAL COSTS**

**CURRENT MONTH – DECEMBER 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 six months ending December 31, 2018, the actual expenses of \$701,537 were below the budgeted amount of \$1,080,276 by \$378,739 or 35.1%. For a detailed discussion, the following is provided.

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

For December 31, 2018, the accounts 6901-6903 (Optimum Basin Mgmt. Program) section was below the Year-To-Date (YTD) budget by \$41,138 or 52.9%. 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 \$40,817 or 57.5%. The remaining expense was the Santa Ana Watershed Project Authority (SAWPA) FY 2018/19 Basin Monitoring Program Task Force Contribution which was budgeted at \$6,742 and actual expenses were \$321 or 4.8% below budget as of December 31, 2018.

For December 31, 2018, the accounts 6906 (Optimum Basin Mgmt. Program Engineering Services) section was below the Year-To-Date (YTD) budget by \$224,372 or 32.5%. The majority of expenses within this OBMP category were under budget (YTD), however, the accounts which were over budget were as follows: the Integrated Model Meetings-IEUA Costs (6906.15) which were over budget by \$1,175 or 11.8%; the Water Rights Compliance Reporting expenses (6906.22) which were over budget by \$3,590 or 30.0%; the OBMP-Data Requests-CBWM Staff expenses (6906.71) which were over budget by \$5,920 or 11.8%; the OBMP-Data Requests-Non CBWM Staff expenses (6906.72) which were over budget by \$4,251 or 26.3%; the County Extraction Well-Modeling expenses (6909.76) which were over budget by \$22,479 or 100%; the Prepare Annual Reports expenses (6906.81) which were over budget by \$3,114 or 31.9%; and the OBMP-2018 RMPU Master Update expenses (6906.90) which were over budget by \$29,897 or 109.9%.

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 \$68,236 while some other line item activities were below the budget by \$180,388. Above the budget line item were the Recharge Master Plan expenses of \$12,480; and the Safe Yield Recalculation expenses of \$55,756. The individual legal projects/activities that were below budget for the Year-To-Date (YTD) period were the Archibald South Plume of \$6,561; the Chino Airport Plume of \$3,762; the Desalter/Hydraulic Control of \$11,677; the Santa Ana River Water Rights of \$2,515; the Santa Ana River Habitat of \$18,310; the Regional Water Quality Control Board of \$7,663; Storage Agreements of \$27,144; the Prado Basin Habitat Sustainability of \$7,774; SGMA Compliance of \$29,610; OBMP Update of \$49,397; and the WM Unanticipated legal expenses of \$15,975. For the six months ended December 31, 2018, the overall cumulative (YTD) budget was \$307,148 and the actual (BHFS) legal expenses totaled \$194,996 which resulted in an under-budget variance of \$112,152 or 36.5%.

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 December 31, 2018, this category of expenses was \$1,077 or 25.4% below the budgeted amount of \$4,246.

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 December 31, 2018, this category of expenses was fully invoiced in the amount of \$0 to IEUA.

Overall, the Optimum Basin Management Program (OBMP) category was \$701,537 compared to a (YTD) budget of \$1,080,276 for an under budget of \$378,739 or 35.1% as of December 31, 2018.

The table listed below summarizes the Optimum Basin Management Program (OBMP) expenses as of December 31, 2018 compared to the Year-To-Date (YTD) budget. Please be advised that the "\$ Over

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

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 '18 - Dec '18 Actual	Jul '18 - Dec '18 Budget	\$ Over Budget	% of Budget	FY 2018/19 Annual Budget
<b>6900 · Optimum Basin Mgmt Plan</b>					
6901 · WM Staff Salaries	30,190.01	71,007.00	-40,816.99	42.52%	140,931.00
6903 · OBMP SAWPA Group	6,421.00	6,742.00	-321.00	95.24%	6,742.00
<b>Total 6901-6903 · OBMP WM Staff/SAWPA</b>	<b>36,611.01</b>	<b>77,749.00</b>	<b>-41,137.99</b>	<b>47.09%</b>	<b>147,673.00</b>
<b>6906 · OBMP Engineering Services</b>					
6906.1 · OBMP - Watermaster Model Update	29,123.60	29,270.00	-146.40	99.5%	58,544.00
6906.15 · Integrated Model Mtgs. - IEUA Costs	11,156.63	9,982.00	1,174.63	111.77%	19,960.00
6906.21 · State of the Basin Report	66,111.20	79,210.00	-13,098.80	83.46%	158,422.00
6906.22 · Water Rights Compliance Reporting	16,415.35	12,825.00	3,590.35	128.0%	25,650.00
6906.23 · SGMA Reporting Requirements	2,200.60	6,750.00	-4,549.40	32.6%	13,500.00
6906.24 · Compliance - SB88 and SWRCB	0.00	4,048.00	-4,048.00	0.0%	8,092.00
6906.26 · 2019 OBMP Update	35,285.63	79,437.00	-44,151.37	44.42%	158,872.00
6906.27 · HCP Meetings/Tech. Review-IEUA Cost	0.00	8,906.00	-8,906.00	0.0%	17,810.00
6906.28 · Agriculture Prod. & Estimation	0.00	11,226.00	-11,226.00	0.0%	22,452.00
6906.31 · OBMP - Pool, Advisory, Board Mtgs.	38,446.91	48,981.00	-10,534.09	78.49%	97,962.00
6906.32 · OBMP - Other General Meetings	20,407.99	40,545.00	-20,137.01	50.33%	81,093.00
6906.71 · OBMP - Data Requests - CBWM Staff	55,941.84	50,022.00	5,919.84	111.83%	100,044.00
6906.72 · OBMP - Data Requests - Non CBWM	20,423.13	16,172.00	4,251.13	126.29%	32,348.00
6906.73 · OBMP - Safe Yield Recalculation	65,599.90	203,442.00	-137,842.10	32.25%	406,884.00
6906.74 · OBMP - Mat'l Phy. Injury Requests	1,881.40	35,985.00	-34,103.60	5.23%	71,967.00
6906.76 · County Extraction Well-Modeling	22,478.64	0.00	22,478.64	100.0%	0.00
6906.81 · Prepare Annual Reports	12,862.20	9,748.00	3,114.20	131.95%	19,498.00
6906.9 · OBMP - 2018 RMPU Master Update	57,094.63	27,198.00	29,896.63	209.92%	54,396.00
6906 · OBMP Engineering Services - Other	11,331.30	17,386.00	-6,054.70	65.18%	34,768.00
<b>Total 6906 · OBMP Engineering Services</b>	<b>466,760.95</b>	<b>691,133.00</b>	<b>-224,372.05</b>	<b>67.54%</b>	<b>1,382,262.00</b>
<b>6907 · OBMP Legal Fees</b>					
6907.3 · WM Legal Counsel					
6907.31 · Archibald South Plume	0.00	6,561.00	-6,561.00	0.0%	13,125.00
6907.32 · Chino Airport Plume	2,798.88	6,561.00	-3,762.12	42.66%	13,125.00
6907.33 · Desalter/Hydraulic Control	133.65	11,811.00	-11,677.35	1.13%	23,625.00
6907.34 · Santa Ana River Water Rights	5,624.45	8,139.00	-2,514.55	69.11%	16,275.00
6907.36 · Santa Ana River Habitat	3,342.15	21,652.00	-18,309.85	15.44%	43,300.00
6907.38 · Reg. Water Quality Cntrl Board	212.40	7,875.00	-7,662.60	2.7%	15,750.00
6907.39 · Recharge Master Plan	36,180.42	23,700.00	12,480.42	152.66%	47,400.00
6907.40 · Storage Agreements	19,055.58	46,200.00	-27,144.42	41.25%	92,400.00
6907.41 · Prado Basin Habitat Sustainability	352.35	8,126.00	-7,773.65	4.34%	16,250.00
6907.42 · Safe Yield Recalculation	112,755.53	57,000.00	55,755.53	197.82%	114,000.00
6907.44 · SGMA Compliance	9,840.03	39,450.00	-29,609.97	24.94%	78,900.00
6907.45 · OBMP Update	4,701.03	54,098.00	-49,396.97	8.69%	108,200.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	15,975.00	-15,975.00	0.0%	31,950.00
<b>Total 6907 · WM Legal Counsel</b>	<b>194,996.47</b>	<b>307,148.00</b>	<b>-112,151.53</b>	<b>63.49%</b>	<b>614,300.00</b>
<b>Total 6907 · OBMP Legal Fees</b>	<b>194,996.47</b>	<b>307,148.00</b>	<b>-112,151.53</b>	<b>63.49%</b>	<b>614,300.00</b>
<b>6909 · OBMP Other Expenses</b>					
6909.1 · OBMP Meetings	1,757.25	750.00	1,007.25	234.3%	1,500.00
6909.3 · Other OBMP Expenses	1,391.00	998.00	393.00	139.38%	2,000.00
6909.6 · OBMP Expenses - Miscellaneous	0.00	2,498.00	-2,498.00	0.0%	5,000.00
6909 · OBMP Other Expenses - Other	20.73	0.00	20.73	100.0%	0.00
<b>Total 6909 · OBMP Other Expenses</b>	<b>3,168.98</b>	<b>4,246.00</b>	<b>-1,077.02</b>	<b>74.63%</b>	<b>8,500.00</b>
<b>6910 · WEI Support for IEUA</b>					
6910.50 · WEI Support for IEUA-Billings	0.00	0.00	0.00	0.0%	0.00
<b>Total 6910 · WEI Support for IEUA</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>0.00</b>
<b>Total 6900 · Optimum Basin Mgmt Plan</b>	<b>701,537.41</b>	<b>1,080,276.00</b>	<b>-378,738.59</b>	<b>64.94%</b>	<b>2,152,735.00</b>

PREVIOUSLY REPORTED ACTIONS (Descending Order)  
None

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

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

CURRENT MONTH – DECEMBER 2018

As of December 31, 2018, the total (YTD) Engineering Services expenses were \$577,524 or 18.4% below the (YTD) budget amount of \$3,134,655. The OBMP Implementation Projects (consolidated accounts 7100's – 7700's) were all under budget as of December 31, 2018, with the exception of the Groundwater Quality-Engineering expenses (7103.3) which were over budget by \$9,271 or 8.5%; and the PE4-Engineering expenses (7402) which were over budget by \$16,971 or 32.4%.

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

The second ECAC report for the current fiscal year has been provided for the period ending December 31, 2018 and shows a projected under budget at fiscal year-end June 30, 2019 of \$109,668.

The second quarter ECAC report (for the months July 2018 – December 2018) is listed below:

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

Acct #	Description	Original Budget	Revised Budget	Billed Jul-18	Billed Aug-18	Billed Sep-18	Billed Oct-18	Billed Nov-18	Billed Dec-18	Projected Jan-19
6906	OBMP Engineering	\$ 507,374	\$ 507,374	\$ 36,022	\$ 29,590	\$ 24,251	\$ 58,101	\$ 33,162	\$ 21,264	\$ 60,179
6906.1	OBMP - Watermaster Model Applications	58,544	58,544	-	-	-	5,720	15,596	7,808	19,515
6906.9	2018 RMPU Recharge Master Update	54,398	54,398	26,984	27,194	2,918	-	-	-	-
6906.26	2019 OBMP Update	158,872	158,872	-	-	5,755	14,789	3,721	11,021	25,600
6906.73	2020 Safe Yield Recalculation	408,884	408,884	-	21,681	16,166	7,098	6,831	13,844	13,100
6906.21	State of the Basin Report	158,423	158,423	-	-	3,468	22,571	25,329	14,744	7,700
6906.27	IEUA - HCP Meetings and Technical Review	17,810	17,810	-	-	-	-	-	-	1,500
6906.15	IEUA - Integrated Model Meetings and Technical Review	19,960	19,960	2,360	2,647	7,114	4,296	4,090	1,907	3,700
6906.16	CBEWP Evaluation and Conceptual Design Support	-	-	-	-	-	-	4,587	7,775	5,000
7103.3	GW and SW Quality - Engineering Services	199,243	199,243	19,277	24,783	27,251	34,556	6,868	5,164	11,625
7103.5	GW and SW Quality - Laboratory Services	62,884	62,884	1,634	18,212	11,761	11,136	848	1,050	2,132
7104.3	GW Level - Engineering Services	240,328	240,328	8,399	12,464	22,193	18,801	18,488	19,432	14,880
7104.8	GW Level - Contract Services	10,000	10,000	-	-	-	-	-	-	-
7104.80	GW Level - Capital Services	8,000	8,000	-	-	972	-	-	1,802	2,700
7107.2	Ground Level - Engineering Services	71,789	96,611	4,488	3,593	2,692	7,691	3,144	1,791	10,676
7107.3	Ground Level - SAR Imagery	86,832	86,832	12,000	-	-	-	-	-	18,632
7107.6	Ground Level - Contract Services	71,500	92,227	9,371	-	-	-	-	-	-
7107.8	Ground Level - Capital Equipment	12,692	12,692	-	-	-	170	172	85	500
7108.31	IEUA - Prado Basin Habitat Monitoring	77,159	77,159	-	194	921	3,507	3,808	12,900	20,100
7108.6	IEUA - PBHSP - Outside Pro	10,000	10,000	-	8,933	-	-	-	-	-
7109.3	Recharge & Well Monitoring - Engineering Serv.	25,248	25,248	-	1,448	-	-	1,734	-	-
7202.2	Comp Recharge - Engineering Services	91,640	91,640	2,011	2,060	8,854	647	301	2,255	6,200
7303	OBMP - Engineering Services - Dealers	9,760	9,760	-	-	-	-	-	-	813
7402	OBMP - Engineering Services - MZ1	104,910	104,910	24,826	22,200	17,059	3,362	1,366	612	5,596
7402.1	OBMP - Engineering Services - Northwest MZ1	173,138	1,703,417	1,820	5,180	19,923	18,093	7,828	11,509	432,552
7403	OBMP - Contract Services - MZ1	10,000	10,000	-	-	-	-	-	-	-
7502	OBMP - Engineering Services - WQC	87,912	87,912	856	1,416	15,950	10,557	2,146	-	4,722
7510	IEUA - Update Recycled Water Permit - Salinity	89,353	108,178	-	-	3,751	21,792	34,136	4,482	45,000
7602	Storage Management/Conjunctive Use	105,348	105,348	49,881	18,396	25,634	-	-	-	-
<b>Totals</b>		<b>\$ 2,829,798</b>	<b>\$ 4,524,461</b>	<b>\$ 199,728</b>	<b>\$ 199,943</b>	<b>\$ 216,630</b>	<b>\$ 240,081</b>	<b>\$ 175,964</b>	<b>\$ 138,652</b>	<b>\$ 712,621</b>

2/5/2019 - 11:35 AM  
2018-19CBWM\_Invoice\_Summary\_ISBM\_20190122--Projection Summary



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

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

Acct #	Description	Projected Feb-19	Projected Mar-19	Projected Apr-19	Projected May-19	Projected Jun-19	Total Projected	Less IEUA Portion of Cost Share			
								Total Projected	Under / (Over) Rev. Budget	YTD % Billed Rev. Budget	Projected % Rev. Budget
6906	OBMP Engineering	\$ 45,225	\$ 46,625	\$ 39,229	\$ 35,029	\$ 35,029	\$ 465,705	\$ 465,705	\$ 41,669	18%	92%
6906.1	OBMP - Watermaster Model Applications	3,757	-	-	-	-	52,395	52,395	6,149	0%	89%
6906.9	2018 RMPU Recharge Master Update	-	-	-	-	-	57,095	57,095	(2,699)	105%	105%
6906.26	2019 OBMP Update	25,600	25,600	25,600	25,600	21,600	184,886	184,886	(28,014)	4%	116%
6906.73	2020 Safe Yield Recalculation	65,637	65,637	65,637	65,637	65,637	406,884	406,884	-	9%	100%
6906.21	State of the Basin Report	22,000	19,000	13,000	20,000	11,000	158,811	158,811	(388)	2%	100%
6906.27	IEUA - HCP Meetings and Technical Review	1,500	1,500	1,500	1,500	1,500	9,800	9,800	4,500	0%	25%
6906.15	IEUA - Integrated Model Meetings and Technical	3,700	3,700	3,700	3,700	3,700	44,513	22,257	(2,297)	61%	112%
6906.16	CBWEP Evaluation and Conceptual Design Supp	20,000	20,000	-	-	-	57,362	-	-	n/a	n/a
7103.3	GW and SW Quality - Engineering Services	20,593	20,000	5,925	8,594	20,708	205,537	205,537	(6,294)	36%	103%
7103.5	GW and SW Quality - Laboratory Services	-	1,050	2,132	-	1,050	51,005	51,005	11,679	50%	81%
7104.3	GW Level - Engineering Services	24,894	23,768	14,852	25,121	24,668	227,179	227,179	13,149	18%	95%
7104.8	GW Level - Contract Services	-	-	-	-	-	5,000	5,000	5,000	0%	50%
7104.9	GW Level - Capital Services	-	-	-	6,000	-	12,585	12,585	(4,585)	12%	157%
7107.2	Ground Level - Engineering Services	9,176	8,976	13,856	8,300	8,373	82,754	82,754	13,857	11%	86%
7107.3	Ground Level - SAR Imagery	-	56,000	-	-	-	86,632	86,632	-	14%	100%
7107.6	Ground Level - Contract Services	4,950	4,950	37,000	15,000	20,956	92,227	92,227	-	10%	100%
7107.8	Ground Level - Capital Equipment	500	500	500	500	500	3,427	3,427	9,265	0%	27%
7108.31	IEUA - Prado Basin Habitat Monitoring	39,004	34,560	20,600	12,000	7,656	155,239	77,620	(461)	1%	101%
7108.6	IEUA - PBHSP - Outside Pro	-	-	10,000	-	-	18,933	9,466	534	89%	95%
7109.3	Recharge & Well Monitoring - Engineering Serv.	1,000	6,000	6,000	4,000	-	20,182	20,182	5,066	6%	80%
7202.2	Comp Recharge - Engineering Services	7,507	4,700	4,700	7,507	4,700	51,442	51,442	40,199	14%	56%
7303	OBMP - Engineering Services - Desalters	813	813	813	813	813	4,880	4,880	4,880	0%	50%
7402	OBMP - Engineering Services - MZ1	5,000	6,550	5,500	6,000	6,500	104,572	104,572	338	61%	100%
7402.1	OBMP - Engineering Services - Northwest MZ1	399,696	342,632	351,117	63,120	87,500	1,738,617	1,738,617	(35,200)	2%	102%
7403	OBMP - Contract Services - MZ1	-	-	-	-	-	-	-	10,000	0%	0%
7502	OBMP - Engineering Services - WQC	10,395	21,360	8,930	5,705	5,800	87,038	87,038	874	21%	99%
7510	IEUA - Update Recycled Water Permit - Salinity	45,000	45,000	45,000	45,000	38,651	327,811	106,178	-	3%	100%
7602	Storage Management/Conjunctive Use	-	-	-	-	-	93,911	93,911	11,437	89%	89%
<b>Totals</b>		<b>\$ 755,816</b>	<b>\$ 760,940</b>	<b>\$ 674,790</b>	<b>\$ 364,126</b>	<b>\$ 365,541</b>	<b>\$ 4,805,620</b>	<b>\$ 4,414,783</b>	<b>\$ 109,668</b>	<b>14%</b>	<b>98%</b>

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

2/5/2019--11:35 AM  
2018-19CBWM\_invoice\_Summary\_ISBM\_20190122--Projection Summary



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

The Fiscal Year 2018/19 Progress and Estimated Cost at Completion for the Period July 1, 2018 through December 31, 2018 report from Wildermuth Environmental, Inc. is provided. Please access this link:

<https://cbwm.syncedtool.com/shares/file/2c5a4463b20ca2/?modal=1>

The third quarter ECAC report is scheduled to be issued early May 2019 for the period July 1, 2018 through March 31, 2019.

The table listed below summarized the Year-To-Date (YTD) Actual Wildermuth Environmental, Inc., (WEI) and other Engineering costs compared to the Year-To-Date (YTD) Budget as of December 31, 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:

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

	Jul '18 - Dec '18 Actual	Jul '18 - Dec '18 Budget	\$ Over Budget	% of Budget	FY 2018/19 Annual Budget
6906 · OBMP Engineering Services - Other	11,331.30	17,386.00	-6,054.70	65.18%	34,768.00
6906.1 · OBMP - Watermaster Model Update	29,123.60	29,270.00	-146.40	99.5%	58,544.00
6906.15 · Integrated Model Mtgs-IEUA Cost	11,156.63	9,982.00	1,174.63	111.77%	19,960.00
6906.21 · State of the Basin Report	66,111.20	79,210.00	-13,098.80	83.46%	158,422.00
6906.22 · Water Rights Compliance Reporting	16,415.35	12,825.00	3,590.35	128.0%	25,650.00
6906.23 · SGMA Reporting Requirements	2,200.60	6,750.00	-4,549.40	32.6%	13,500.00
6906.24 · Compliance - SB88 and SWRCB	0.00	4,048.00	-4,048.00	0.0%	8,092.00
6906.26 · 2019 obmp Update	35,285.63	79,437.00	-44,151.37	44.42%	158,872.00
6906.27 · HCP Meetings/Technical Review-IEUA Cos <sup>1</sup>	0.00	8,906.00	-8,906.00	0.0%	17,810.00
6906.28 · Agriculture Prod. & Estimation	0.00	11,226.00	-11,226.00	0.0%	22,452.00
6906.31 · OBMP - Pool, Advisory, Board Mtgs.	38,446.91	48,981.00	-10,534.09	78.49%	97,962.00
6906.32 · OBMP - Other General Meetings	20,407.99	40,545.00	-20,137.01	50.33%	81,093.00
6906.71 · OBMP - Data Requests - CBWM Staff	55,941.84	50,022.00	5,919.84	111.83%	100,044.00
6906.72 · OBMP - Data Requests - Non CBWM	20,423.13	16,172.00	4,251.13	126.29%	32,348.00
6906.73 · OBMP - Safe Yield Recalculation	65,599.00	203,442.00	-137,843.00	32.25%	406,884.00
6906.74 · OBMP - Mat'l Physical Injury Requests	1,881.40	35,985.00	-34,103.60	5.23%	71,967.00
6906.76 · County Extraction Well-Modeling	22,478.64	0.00	22,478.64	100.0%	0.00
6906.81 · Prepare Annual Reports	12,862.20	9,748.00	3,114.20	131.95%	19,498.00
6906.90 · OBMP - 2018 RMPU Master Update	57,094.63	27,198.00	29,896.63	209.92%	54,396.00
7103.3 · Grdwtr Qual-Engineering	117,892.00	108,621.00	9,271.00	108.54%	199,243.00
7103.5 · Grdwtr Qual-Lab Svcs	38,475.00	38,820.00	-345.00	99.11%	38,820.00
7104.3 · Grdwtr Level-Engineering	103,661.74	120,164.00	-16,502.26	86.27%	240,328.00
7104.8 · Grdwtr Level-Contracted Services	0.00	5,002.00	-5,002.00	0.0%	10,000.00
7104.9 · Grdwtr Level-Capital Equipment	0.00	3,998.00	-3,998.00	0.0%	8,000.00
7107.2 · Grd Level-Engineering	23,826.46	61,533.00	-37,706.54	38.72%	98,243.00
7107.3 · Grd Level-SAR Imagery	12,000.00	42,500.00	-30,500.00	28.24%	85,000.00
7107.6 · Grd Level-Contract Svcs	9,370.71	56,479.00	-47,108.29	16.59%	92,227.00
7107.8 · Grd Level-Capital Equipment	0.00	6,344.00	-6,344.00	0.0%	12,692.00
7108.31 · Hydraulic Control-PBHSP	15,125.78	38,579.00	-23,453.22	39.21%	77,159.00
7108.4 · Hydraulic Control-Lab Svcs	4,066.00	4,519.00	-453.00	89.98%	9,038.00
7108.41 · Hydraulic Control-PBHSP	2,100.00	10,017.00	-7,917.00	20.96%	15,026.00
7108.6 · Hydraulic Control-Outside Professionals	0.00	5,002.00	-5,002.00	0.0%	10,000.00
7109.3 · Recharge & Well - Engineering	3,182.40	12,624.00	-9,441.60	0.0%	25,248.00
7202.2 · Comp Recharge-Engineering Services	16,127.50	45,818.00	-29,690.50	35.2%	91,640.00
7303 · PE3&5-Engineering - Other	0.00	4,882.00	-4,882.00	0.0%	9,760.00
7402 · PE4-Engineering	69,425.74	52,455.00	16,970.74	132.35%	104,910.00
7402.10 · PE4-MZ1 Pomona Project	1,529,108.37	1,616,849.00	-87,740.63	94.57%	1,703,417.00
7403 · PE4-Contract Svcs	0.00	5,002.00	-5,002.00	0.0%	10,000.00
7502 · PE6&7-Engineering	30,925.70	43,956.00	-13,030.30	70.36%	87,912.00
7510 · PE6&7-IEUA Salinity Mgmt. Plan	21,172.85	63,502.00	-42,329.15	33.34%	108,178.00
7602 · PE8&9-Engineering	93,910.61	96,856.00	-2,945.39	96.96%	105,348.00
<b>Total Engineering Services Costs</b>	<b>2,557,130.91</b>	<b>3,134,655.00</b>	<b>-577,524.09</b>	<b>81.58%</b>	<b>4,524,451.00</b> *

\* Wildermuth and Subcontractor Engineering Budget of \$2,929,798 plus Carryover Funds from FY 2017/18 of \$1,594,653  
Carryover Funds from FY 2017/18 of \$1,594,653 = \$24,822 (7107.2); \$20,727 (7107.6); \$1,530,279 (7402.10); and \$18,825 (7510)

PREVIOUSLY REPORTED ACTIONS (Descending Order)

October 2018:

The first ECAC report for the current fiscal year has been provided for the period ending September 30, 2018 and shows a projected under budget at fiscal year-end June 30, 2019 of \$68,057.

The first quarter ECAC report (for the months July 2018 – September 2018) is listed below:

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

Acct #	Description	Original Budget	Revised Budget	Billed Jul-18	Billed Aug-18	Billed Sep-18	Projected Oct-18	Projected Nov-18	Projected Dec-18	Projected Jan-19
6906	OBMP Engineering	\$ 507,374	\$ 507,374	\$ 36,022	\$ 29,590	\$ 24,251	\$ 58,796	\$ 60,882	\$ 49,233	\$ 50,297
6906.1	OBMP - Watermaster Model Applications	58,544	58,544	-	-	-	6,000	9,757	19,515	19,515
6906.9	2018 RMPU Recharge Master Update	54,396	54,396	26,984	27,194	2,916	-	-	-	-
6906.26	2019 OBMP Update	158,872	158,872	-	-	5,755	14,789	17,291	17,291	17,291
6906.73	2020 Safe Yield Recalculation	406,884	406,884	-	21,661	16,166	7,098	-	-	60,326
6906.21	State of the Basin Report	158,423	158,423	-	-	3,468	22,000	19,000	18,000	16,000
6906.27	IEUA - HCP Meetings and Technical Review	17,810	17,810	-	-	-	-	-	3,000	3,000
6906.15	IEUA - Integrated Model Meetings and Technical	19,960	19,960	2,360	2,647	7,114	4,296	2,500	2,500	2,500
7103.3	GW and SW Quality - Engineering Services	199,243	199,243	19,277	24,783	27,251	34,275	13,475	9,050	7,575
7103.5	GW and SW Quality - Laboratory Services	62,884	62,884	1,634	18,212	11,761	11,242	2,000	1,050	2,132
7104.3	GW Level - Engineering Services	240,328	240,328	8,399	12,464	22,193	18,894	25,194	25,532	14,424
7104.8	GW Level - Contract Services	10,000	10,000	-	-	-	-	5,000	-	-
7104.90	GW Level - Capital Services	8,000	8,000	-	-	972	-	1,000	-	2,700
7107.2	Ground Level - Engineering Services	71,789	96,611	4,488	3,593	2,692	7,691	4,600	5,800	9,476
7107.3	Ground Level - SAR Imagery	86,632	86,632	12,000	-	-	-	-	-	16,632
7107.6	Ground Level - Contract Services	71,500	92,227	9,371	-	-	-	-	-	-
7107.8	Ground Level - Capital Equipment	12,692	12,692	-	-	-	170	1,000	1,000	1,000
7108.31	IEUA - Prado Basin Habitat Monitoring	77,159	77,159	-	184	921	3,400	17,950	40,000	24,250
7108.6	IEUA - PBHSP - Outside Pro	10,000	10,000	-	8,933	-	-	-	10,000	-
7109.3	Recharge & Well Monitoring - Engineering Serv.	25,248	25,248	-	1,448	-	-	2,000	2,000	2,000
7202.2	Comp Recharge - Engineering Services	91,640	91,640	2,011	2,060	8,854	650	7,007	4,200	4,200
7303	OBMP - Engineering Services - Desalters	9,760	9,760	-	-	-	-	813	813	813
7402	OBMP - Engineering Services - MZ1	104,910	104,910	24,826	22,200	17,059	3,362	500	500	2,000
7402.1	OBMP - Engineering Services - Northwest MZ1	173,138	1,703,417	1,620	5,160	19,923	16,200	43,129	111,200	133,000
7403	OBMP - Contract Services - MZ1	10,000	10,000	-	-	-	-	-	-	-
7502	OBMP - Engineering Services - WQC	87,912	87,912	856	1,416	15,950	10,500	-	-	7,222
7510	IEUA - Update Recycled Water Permit - Salinity	89,353	108,178	-	-	3,751	22,000	35,000	45,000	45,000
7602	Storage Management/Conjunctive Use	105,348	105,348	49,881	18,396	25,634	-	-	-	-
<b>Totals</b>		<b>\$ 2,929,798</b>	<b>\$ 4,524,461</b>	<b>\$ 199,728</b>	<b>\$ 199,943</b>	<b>\$ 216,630</b>	<b>\$ 241,363</b>	<b>\$ 267,999</b>	<b>\$ 365,684</b>	<b>\$ 443,353</b>

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2018-19CBWM\_Invoice\_Summary\_ISBM\_1st Qtr Forecast-Projection Summary



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

Acct #	Description	Projected Feb-19	Projected Mar-19	Projected Apr-19	Projected May-19	Projected Jun-19	Total Projected	Less IEUA Portion of Cost Share			
								Total Projected	Under / (Over) Rev. Budget	YTD % Billed Rev. Budget	Projected % Rev. Budget
6906	OBMP Engineering	\$ 41,197	\$ 49,397	\$ 41,100	\$ 38,900	\$ 36,900	\$ 514,565	\$ 514,565	\$ (7,191)	18%	101%
6906.1	OBMP - Watermaster Model Applications	3,757	-	-	-	-	58,544	58,544	-	0%	100%
6906.9	2018 RMPU Recharge Master Update	-	-	-	-	-	57,095	57,095	(2,699)	105%	105%
6906.26	2019 OBMP Update	17,291	17,291	17,291	17,291	17,291	158,872	158,872	-	4%	100%
6906.73	2020 Safe Yield Recalculation	60,326	60,326	60,326	60,326	60,326	406,884	406,884	-	9%	100%
6906.21	State of the Basin Report	12,000	11,000	20,000	21,000	15,955	158,423	158,423	-	2%	100%
6906.27	IEUA - HCP Meetings and Technical Review	3,000	3,000	3,000	3,000	3,000	21,000	10,500	7,310	0%	59%
6906.15	IEUA - Integrated Model Meetings and Technical	2,500	2,500	2,500	2,500	2,500	36,417	18,209	1,752	61%	91%
7103.3	GW and SW Quality - Engineering Services	22,593	20,000	5,925	8,594	20,708	213,505	213,505	(14,262)	36%	107%
7103.5	GW and SW Quality - Laboratory Services	-	1,050	2,132	-	1,050	52,263	52,263	10,521	50%	83%
7104.3	GW Level - Engineering Services	22,577	23,932	14,052	22,121	24,668	234,450	234,450	5,878	18%	98%
7104.8	GW Level - Contract Services	-	-	-	5,000	-	10,000	10,000	-	0%	100%
7104.9	GW Level - Capital Services	-	-	-	4,000	-	8,672	8,672	(672)	12%	108%
7107.2	Ground Level - Engineering Services	10,976	8,976	14,543	7,800	10,276	90,809	90,809	5,802	11%	94%
7107.3	Ground Level - SAR Imagery	-	56,000	-	-	-	86,632	86,632	-	14%	100%
7107.6	Ground Level - Contract Services	4,950	4,950	37,000	15,000	20,956	92,227	92,227	-	10%	100%
7107.8	Ground Level - Capital Equipment	1,000	1,000	1,000	1,000	1,000	8,170	8,170	4,522	0%	64%
7108.31	IEUA - Prado Basin Habitat Monitoring	27,820	22,078	12,600	5,500	500	155,202	77,601	(442)	1%	101%
7108.6	IEUA - PBHSP - Outside Pro	-	-	-	-	-	18,933	9,466	534	89%	95%
7109.3	Recharge & Well Monitoring - Engineering Serv.	1,000	6,000	6,000	4,000	-	24,448	24,448	800	6%	97%
7202.2	Comp Recharge - Engineering Services	7,007	4,200	4,200	7,007	4,200	55,596	55,596	36,044	14%	61%
7303	OBMP - Engineering Services - Desalters	813	813	813	813	813	6,507	6,507	3,253	0%	67%
7402	OBMP - Engineering Services - MZ1	5,500	6,000	5,500	6,000	6,500	99,948	99,948	4,962	61%	95%
7402.1	OBMP - Engineering Services - Northwest MZ1	1,231,420	35,618	31,700	45,900	38,720	1,713,590	1,713,590	(10,173)	2%	101%
7403	OBMP - Contract Services - MZ1	-	-	-	-	-	10,000	-	10,000	0%	0%
7502	OBMP - Engineering Services - WQC	10,395	21,360	8,930	5,705	5,000	87,335	87,335	577	21%	99%
7510	IEUA - Update Recycled Water Permit - Salinity	40,000	35,000	35,000	35,000	32,050	327,801	108,174	4	3%	100%
7602	Storage Management/Conjunctive Use	-	-	-	-	-	93,911	93,911	11,437	89%	89%
<b>Totals</b>		<b>\$ 1,526,122</b>	<b>\$ 390,492</b>	<b>\$ 323,612</b>	<b>\$ 314,457</b>	<b>\$ 302,414</b>	<b>\$ 4,791,796</b>	<b>\$ 4,456,394</b>	<b>\$ 68,057</b>	<b>14%</b>	<b>98%</b>

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

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2018-19CBWM\_Invoice\_Summary\_ISBM\_1st Qtr Forecast-Projection Summary



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

The Fiscal Year 2018/19 Progress and Estimated Cost at Completion for the Period July 1, 2018 through September 30, 2018 report from Wildermuth Environmental, Inc. is provided. Please access this link:

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

<https://cbwm.syncedtool.com/shares/file/f76c63c4c92aa9/?modal=1>

The second ECAC report is scheduled to be issued in mid-February 2019 for the period July 1, 2018 through December 31, 2018.

July 2018:

The breakdown of the total Task Order amount of \$2,929,798 includes direct labor costs for Wildermuth Environmental, Inc. (87.2%) along with other direct charges such as equipment rental, laboratory fees, travel costs, reproduction costs, and outside professional services (12.8%).

The approved "Original" Engineering Services budget of \$2,929,798 was increased by "Carry Over" funding in the amount of \$1,594,653 to the "Amended" amount of \$4,524,451 for FY 2018/19 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 2018/19 timeframe or future years. The Carry-Over amount of \$1,594,653 from FY 2017/18 to the FY 2018/19 budget are provided in detail as follows:

1. 7107.2 Ground-Level - Engineering Services of \$24,822. The Watermaster's Subsidence Management Plan includes a "long-term pumping test" in the Managed Area to test the Guidance Level that was budgeted for in FY 2017/18. The test was not performed in FY 2017/18. This carryover budget will support the monitoring of injection, production, groundwater levels, and ground motion associated with the test, if it is performed in FY 2018/19.
2. 7107.6 Ground-Level - Contract Services of \$20,727. The Watermaster's Subsidence Management Plan includes a "long-term pumping test" in the Managed Area to test the Guidance Level that was budgeted for in FY 2017/18. The test was not performed in FY 2017/18. This carryover budget will support the monitoring of injection, production, groundwater levels, and ground motion associated with the test, if it is performed in FY 2018/19.
3. 7402.1 OBMP Engineering Services Northwest MZ-1 for \$1,530,279. The installation of the Pomona Extensometer has been delayed until FY 2018/19 and the monitoring program in Northwest MZ-1 has not yet been fully implemented. The carryover request will support the efforts to drill, construct, equip, test, and document the installation of the Pomona Extensometer, and complete the installation of the monitoring network in Northwest MZ-1.
4. 7510 IEUA - Update Recycled Water Permit-Salinity for \$18,825. The Salinity Management effort is a 2.5-year project and is being cost shared with IEUA. FY 2017/18 was the first year of implementation. The unspent budget in FY 2017/18 is necessary to complete the total project.

#### PRADO BASIN HABITAT SUSTAINABILITY PROGRAM

##### **Ongoing Costs**

Program costs that are ongoing (Ongoing Costs) will be cost-shared between Watermaster and IEUA, split on a 50/50 basis, subject to the following limitation: in each fiscal year, neither Watermaster nor IEUA shall be obligated to reimburse the other for Ongoing Costs that exceed the amount that the reimbursing party has budgeted for Ongoing Costs in that fiscal year, except as agreed upon by both parties in writing or as amended during the fiscal year. The first year expenses (FY 2016/17) to be cost shared were approximately \$300,000, with projected future years (FY 2017/18 and forward) estimated at approximately \$150,000. For the purposes of the agreement, Ongoing Costs are defined as the costs associated with the following Program activities:

1. A Riparian Habitat Monitoring Program, including, but not limited to, the following sub-tasks:
  - a. Design and implement a site-specific vegetation monitoring program with the United States Bureau of Reclamation (USBR) and Orange County Water District, pursuant to which USBR will perform site-specific vegetation surveys.
  - b. Manage and perform custom flight to collect a high resolution air photo of the Prado Basin Region.

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- 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. 2018 - Dec. 2018	\$ 30,251.55	\$ (15,125.78)	\$ -	\$ 15,125.78
<b>Totals</b>	<b>\$ 30,251.55</b>	<b>\$ (15,125.78)</b>	<b>\$ -</b>	<b>\$ 15,125.78</b>
	7108.31	7108.31	7108.31	
<b>Maximum Costs</b>	<b>\$ 174,318.00</b>	<b>\$ 87,159.00</b>	<b>\$ 87,159.00</b>	<b>\$ 87,159.00</b>

PREVIOUSLY REPORTED ACTIONS (Descending Order)  
None:

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OTHER INCOME AND EXPENSE

There were no other significant items to report within the category of Other Income and Expenses for the month ending December 31, 2018.

PREVIOUSLY REPORTED ACTIONS (Descending Order)

July 2018:

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 2018/19 annual administrative fee invoice was issued on July 6, 2018 in the amount of \$167,712.36 under invoice number 2018-DYY. Payment in the amount of \$167,712.36 was received and deposited on August 7, 2018.

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

Once the FY 2017/18 period as of June 30, 2018 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 2018/19 budget. The Total "Carry Over" funding amount of \$4,728,140.07 was posted to the accounts as of July 1, 2018. The total amount of \$4,728,140.07 consisted of \$3,068,940.82 from Capital Improvement Projects, \$1,594,653.00 from Engineering Services, and \$64,546.25 from Administration Services (\$3,068,940.82 + \$1,594,653.00 + \$64,546.25 = \$4,728,140.07).

CURRENT MONTH – DECEMBER 2018

As of December 31, 2018, the total (YTD) amount remaining of the "Carried Over" funding is \$1,682,533.99 (\$4,728,140.07 - \$3,045,606.08 = \$1,682,533.99).

The following details are provided:

"Carried Over" Expenses At June 30, 2018

			<u>GL Account</u>		
Blomquist Report - Update	\$ 7,500.00	A	6061.6	FY 2017/18	ADMIN
Grd Level - MVWD SCADA Reimbursement	\$ 57,046.25	B	7107.63	FY 2017/18	ADMIN
Ground Level - Engineering Services	\$ 24,822.00	C	7107.2 <sup>2</sup>	FY 2017/18	ENG
Ground Level - Contract Services	\$ 20,727.00	D	7107.6 <sup>3</sup>	FY 2017/18	ENG
PE4 - Northwest MZ-1 Area Project	\$ 1,530,279.00	E	7402.1 <sup>4</sup>	FY 2017/18	ENG
PE6&7-IEUA Salinity Mgmt. Plan	\$ 18,825.00	F	7510 <sup>5</sup>	FY 2017/18	ENG
Jurupa Pumping Station (TO #5)	\$ 37,981.33	G	7209.1 <sup>1</sup>	FY 2013/14	PROJ
Wineville Basin Proof of Concept (TO #6)	\$ 35,397.53	H	7209.2 <sup>1</sup>	FY 2013/14	PROJ
RMPU Amendment (TO #1)	\$ 589,923.18	I	7690.15	FY 2016/17	PROJ
East Declaz Basin (TO #1)	\$ 1,171.33	J	7690.16 <sup>1</sup>	FY 2016/17	PROJ
Hickory Basin Recharge Improvement Project	\$ 3,877.00	K	7690.3 <sup>1</sup>	FY 2013/14	PROJ
San Sevaine Recharge Improvement Project (TO #8)	\$ 106,590.18	L	7690.4	FY 2014/15	PROJ
San Sevaine Recharge Improvement Project (TO #8)	\$ 1,126,900.00	L	7690.4	FY 2015/16	PROJ
San Sevaine Recharge Improvement Project (TO #8)	\$ 1,065,600.00	L	7690.4	FY 2016/17	PROJ
CB20 Turnout Noise Abatement Project	\$ 859.80	M	7690.5 <sup>1</sup>	FY 2013/14	PROJ
GWR SCADA Upgrades (TO #4)	\$ 36,615.05	N	7690.61	FY 2014/15	PROJ
GWR SCADA Upgrades (TO #4)	\$ 38,675.00	N	7690.61	FY 2015/16	PROJ
Upper Santa Ana River HCP (TO #7)	\$ 15,062.88	O	7690.7	FY 2014/15	PROJ
Upper Santa Ana River HCP (TO #7)	\$ 5,000.00	O	7690.7	FY 2015/16	PROJ
Lower Day Basin RMPU (TO #2)	\$ 5,287.54	P	7690.8	FY 2016/17	PROJ
<b>Total Balance, June 30, 2018</b>	<b>\$ 4,728,140.07</b>				

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"Carried Over" Balance, July 1, 2018	\$	4,728,140.07			
Less: (Invoices Received To Date FY 2018/19)					
Grd Level - MVWD SCADA Reimbursement	\$	(46,957.95)	B	7107.63	
Ground Level - Engineering Services	\$	(23,826.46)	C	7107.2 <sup>2</sup>	
Ground Level - Contract Services	\$	(9,370.71)	D	7107.6 <sup>3</sup>	
PE4 - Northwest MZ-1 Area Project	\$	(1,529,108.37)	E	7402.1 <sup>4</sup>	
PE6&7-IEUA Salinity Mgmt. Plan	\$	(18,825.00)	F	7510 <sup>5</sup>	
Jurupa Pumping Station (TO #5)	\$	(37,981.33)	G	7209.1 <sup>1</sup>	Budget Transfer T-18-07-01 (OUT)
Wineville Basin Proof of Concept (TO #6)	\$	(35,397.53)	H	7209.2 <sup>1</sup>	Budget Transfer T-18-07-01 (OUT)
RMPU Amendment (TO #1)	\$	690,258.97	I	7690.15	Budget Transfer T-18-07-01 (IN)
RMPU Amendment (TO #1)	\$	(1,223,387.58)	I	7690.15	Invoices Paid
Hickory Basin Recharge Improvement Project	\$	(3,877.00)	K	7690.3 <sup>1</sup>	Budget Transfer T-18-07-01 (OUT)
San Sevaine Recharge Improvement Project (TO #8)	\$	(106,590.18)	L	7690.4	Budget Transfer T-18-07-01 (OUT)
San Sevaine Recharge Improvement Project (TO #8)	\$	(1,126,900.00)	L	7690.4	Budget Transfer T-18-07-01 (OUT)
San Sevaine Recharge Improvement Project (TO #8)	\$	(1,065,600.00)	L	7690.4	Budget Transfer T-18-07-01 (OUT)
CB20 Turnout Noise Abatement Project	\$	(859.80)	M	7690.5 <sup>1</sup>	Budget Transfer T-18-07-01 (OUT)
GWR SCADA Upgrades (TO #4)	\$	(29,590.05)	N	7690.61	
Lower Day Basin RMPU (TO #2)	\$	414,540.85	P	7690.8	Budget Transfer T-18-07-01 (IN)
Lower Day Basin RMPU (TO #2)	\$	(164,539.96)	P	7690.8	Invoices Paid
Funds on Hold for Projects	\$	1,272,406.02	Q	7690.9	Budget Transfer T-18-07-01 (IN)
<b>Updated Balance as of December 31, 2018</b>	<b>\$</b>	<b>1,682,533.99</b>			

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

<sup>2</sup> Engineering work not completed in FY 2017/18 to perform ground level surveys for the long-term pumping test.

<sup>3</sup> Outside professionals work not completed in FY 2017/18 to perform ground level surveys for the long-term pumping test.

<sup>4</sup> Work not completed in FY 2017/18 for installation of the Pomona extensometer and monitoring program for the Northwest MZ-1 area.

<sup>5</sup> Watermaster's portion of the unused FY 2017/18 budget to finalize the 2.5 year project to Update Recycled Water Permit with IEUA

Updated Balance as of December 31, 2018						
Blomquist Report - Update	\$	7,500.00	A	6061.6	FY 2017/18	ADMIN
Grd Level - MVWD SCADA Reimbursement	\$	10,088.30	B	7107.63	FY 2017/18	ADMIN
Ground Level - Engineering Services	\$	995.54	C	7107.2 <sup>2</sup>	FY 2017/18	ENG
Ground Level - Contract Services	\$	11,356.29	D	7107.6 <sup>3</sup>	FY 2017/18	ENG
PE4 - Northwest MZ-1 Area Project	\$	1,170.63	E	7402.1 <sup>4</sup>	FY 2017/18	ENG
PE6&7-IEUA Salinity Mgmt. Plan	\$	-	F	7510 <sup>5</sup>	FY 2017/18	ENG
Jurupa Pumping Station (TO #5)	\$	-	G	7209.1 <sup>1</sup>	FY 2013/14	PROJ
Wineville Basin Proof of Concept (TO #6)	\$	-	H	7209.2 <sup>1</sup>	FY 2013/14	PROJ
RMPU Amendment (TO #1)	\$	56,794.57	I	7690.15	FY 2016/17	PROJ
East Declaz Basin (TO #1)	\$	1,171.33	J	7690.16 <sup>1</sup>	FY 2016/17	PROJ
Hickory Basin Recharge Improvement Project	\$	-	K	7690.3 <sup>1</sup>	FY 2013/14	PROJ
San Sevaine Recharge Improvement Project (TO #8)	\$	-	L	7690.4	FY 2014/15	PROJ
San Sevaine Recharge Improvement Project (TO #8)	\$	-	L	7690.4	FY 2015/16	PROJ
San Sevaine Recharge Improvement Project (TO #8)	\$	-	L	7690.4	FY 2016/17	PROJ
CB20 Turnout Noise Abatement Project	\$	-	M	7690.5 <sup>1</sup>	FY 2013/14	PROJ
GWR SCADA Upgrades (TO #4)	\$	7,025.00	N	7690.61	FY 2014/15	PROJ
GWR SCADA Upgrades (TO #4)	\$	38,675.00	N	7690.61	FY 2015/16	PROJ
Upper Santa Ana River HCP (TO #7)	\$	15,062.88	O	7690.7	FY 2014/15	PROJ
Upper Santa Ana River HCP (TO #7)	\$	5,000.00	O	7690.7	FY 2015/16	PROJ
Lower Day Basin RMPU (TO #2)	\$	255,288.43	P	7690.8	FY 2016/17	PROJ
Funds on Hold for Projects	\$	1,272,406.02	Q	7690.9	Budget Transfer T-18-07-01 (IN)	
<b>Updated Balance as of December 31, 2018</b>	<b>\$</b>	<b>1,682,533.99</b>				

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#### ADMINISTRATION SERVICES:

Unspent funds related to ongoing projects and associated activities from the Administration Services budget from FY 2017/18 in several accounts totaling \$64,546.25 were "Carried Over" into the current FY 2018/19 budget. These funds were from the Blomquist Report-Update [A] in the amount of \$7,500 in account (6061.6); and Ground Level – MVWD SCADA Reimbursement [B] in the amount of \$57,046.25 in account (7107.63).

#### ENGINEERING SERVICES:

Unspent funds related to ongoing projects and associated activities from the Engineering Services budget from FY 2017/18 in several accounts totaling \$1,594,653 were "Carried Over" into the current FY 2018/19 budget. These funds were from the Ground Level - Engineering Services [C] in the amount of \$24,822 in account (7107.2); Ground Level - Contract Services [D] in the amount of \$20,727 in account (7107.6); PE4 – Northwest MZ-1 Area Project [E] in the amount of \$1,530,279 in account (7402.1); and PE6&7-IEUA Salinity Management Plan [F] in the amount of \$18,825 in account (7510).

#### COMPLETED PROJECTS WITH FUNDING AVAILABLE:

Several projects were completed during FY 2017/18 or in prior years and have remaining funds available to be either (1) reallocated to other project(s) that need additional funding, (2) keep amounts on reserve for future Capital Improvement Projects, (3) pay down the debt service; or (4) refunded back to the Appropriative Pool when the Assessment package is invoiced. The funding amounts available are as follows: Jurupa Pumping Station [G] in the amount of \$37,981.33 (account 7209.1); Wineville Basin Proof of Concept [H] in the amount of \$35,397.53 (account 7209.2); East Declez Basin [J] in the amount of \$1,171.33 (account 7690.16); Hickory Basin Recharge Improvement Project [K] in the amount of \$3,877.00 (account 7690.3); and CB20 Turnout Noise Abatement Project [M] 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 [I] has a remaining budget from FY 2016/17 of \$589,923.18 in account (7690.15); the San Sevaine Recharge Improvement Project-Task Order #8 [L] has a remaining funded budget balance of \$2,299,090.18 in account (7690.4); the GWR SCADA Upgrades-Task Order #4 [N] has a remaining funded budget balance of \$75,290.05 in account (7690.61); the Upper Santa Ana River HCP-Task Order #7 [O] has a remaining funded balance of \$20,062.88 in account (7690.7); and the Lower Day Basin RMPU-Task Order #2 [P] has a remaining funded budget balance of \$5,287.54 in account (7690.8). The total funded budget for these combined projects is \$2,989,653.83.

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 August 31, 2019, any remaining balances of the FY 2018/19 and prior years funding (if any), along with any new FY 2018/19 expenses, will then be "Carried Over" into the FY 2019/20 budget.

#### AUDIT FIELD WORK

##### FY 2018/19:

The auditors from the audit firm of Fedak & Brown LLP are scheduled for an onsite visit at the Watermaster office on the week of April 15, 2019. This will be the start of the interim field work for the period of July 1, 2018 through February 28, 2019. The final field work for the period of March 1, 2019 through June 30, 2019 will be scheduled for the week of August 5, 2019. The Annual Financial and Audit Reports are scheduled for presentation to the Watermaster Board by Fedak & Brown LLP at the October 24, 2019 Board meeting. The Annual Financial and Audit Reports for FY 2018/19 are scheduled for posting to the Watermaster website no later than October 31, 2019.

#### PREVIOUSLY REPORTED ACTIONS (Descending Order)

October 2018:

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

FY 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 was completed during August 7, 2018 through August 8, 2018. The Annual Financial and Audit Reports were presented to the Watermaster Board by Fedak & Brown LLP at the October 25, 2018 Board meeting. The Annual Financial and Audit Reports for FY 2017/18 were posted to the Watermaster website on the afternoon of October 25, 2018.

ASSESSMENT INVOICING

CURRENT MONTH – DECEMBER 2018

The Watermaster Board approved the FY 2018-2019 Assessment Package (Production Year 2017-2018) at the November 15, 2018 meeting. Watermaster staff created and emailed the Assessment invoices on Thursday, November 15, 2018 (Non-Agricultural Pool) and Friday, November 16, 2018 (Appropriative Pool). 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 Monday, December 17, 2018. As in prior years, payments could be made by either check, wire transfer, or ACH payment.

As of December 17, 2018, all but one payment had been received. The one late payment from TAMCO in the amount of \$1,768.92 was received on January 15, 2019. Per the Judgment, a late payment fee of \$13.57 was assessed on January 15, 2019 and payment on the late fee was received by TAMCO on January 31, 2019.

PREVIOUSLY REPORTED ACTIONS (Descending Order)

November 2018:

The Watermaster Board approved the FY 2018-2019 Assessment Package (Production Year 2017-2018) at the November 15, 2018 meeting. Watermaster staff created and emailed the Assessment invoices on Thursday, November 15, 2018 (Non-Agricultural Pool) and Friday, November 16, 2018 (Appropriative Pool). 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 Monday, December 17, 2018. As in prior years, payments could be made by either check, wire transfer, or ACH payment.

As of December 17, 2018, all but one payment had been received. The one late payment from TAMCO in the amount of \$1,768.92 has not been received as of the report date. Watermaster is in contact with the representatives from TAMCO (now CMC Steel California), and they assure Watermaster that payment is being processed and will be issued. It appears that with the change in ownership from TAMCO to CMC Steel California, a delay in processing with the accounts payable office in Dallas resulted in the late payment. Upon receipt of the payment, a late payment invoice will be generated and issued to CMC Steel California.

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

October 2018:

The Watermaster Board approved the FY 2018-2019 Assessment Package (Production Year 2017-2018) at the November 15, 2018 meeting. Watermaster staff created and emailed the Assessment invoices on Thursday, November 15, 2018 (Non-Agricultural Pool) and Friday, November 16, 2018 (Appropriative Pool). 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 17, 2018. As in prior years, payments can be made by either check, wire transfer, or ACH payment.

This year's Assessment invoicing included the standard Assessment amounts per the Assessment Package, along with any Special Assessments and "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 2017/18.

The Non-Agricultural Pool had a Special Assessment of \$60,000 as approved during a Confidential Session on April 12, 2018. The \$60,000 was allocated to the Non-Agricultural Pool members based upon the actual production numbers from 2017/18.

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 \$57,732 was refunded to the Appropriative Pool members based upon the pro rata share of FY 2017/18 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.

September 2018:

The FY 2018/19 Assessment Package (Draft) was presented at Workshop #1 on Tuesday, October 23, 2018 at 1:00pm. Workshop #2 for the FY 2018/19 Assessment Package (Draft) was held on Tuesday, October 30, 2018 at 1:00pm.

The FY 2018/19 Assessment Package is scheduled for presentation to the Appropriative and Non-Agricultural Pools on Thursday, February 14, 2019 and to the Agricultural Pool on Tuesday, February 14, 2019. The FY 2018/19 Assessment Package will be presented to the Advisory Committee and Board on Thursday, February 21, 2019.

If the FY 2018/19 Assessment Package is approved by the Advisory Committee and adopted by the Board on Thursday, February 21, 2019, the Assessment invoices will be issued by Watermaster no later than Friday, November 16, 2018 with payment due 30-days after invoice date. Payments will be due to Watermaster on Monday, December 17, 2018. As past practice, payment can be made to Watermaster by either a wire transfer or check. Per the judgment, late fees could be assessed for any payment not received as of 5:00pm on Monday, December 17, 2018.

August 2018:

The FY 2018/19 Assessment Package (Draft) is scheduled for presentation at Workshop #1 on Tuesday, October 23, 2018 at 1:00pm. If needed, the FY 2018/19 Assessment Package (Draft) is also scheduled for presentation at Workshop #2 on Tuesday, October 30, 2018 at 1:00pm.

The FY 2018/19 Assessment Package is scheduled for presentation to the Pools on Thursday, January 10, 2019 and to the Advisory Committee and Board on Thursday, February 21, 2019.

If the FY 2018/19 Assessment Package is approved by the Advisory Committee and adopted by the Board on Thursday, February 21, 2019, the Assessment invoices will be issued by Watermaster no later than Friday, November 16, 2018 with payment due 30-days after invoice date. Payments will be due to Watermaster on Monday, December 17, 2018. As past practice, payment can be made to Watermaster by either a wire transfer or check. Per the judgment, late fees could be assessed for any payment not received as of 5:00pm on Monday, December 17, 2018.

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

#### ATTACHMENTS

1. Financial Report - B5

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	1/12th (8.33%) of the Total Budget				6/12th (50.00%) of the Total Budget				100% of the Total Budget			
	For The Month of December 2018				Year-To-Date as of December 31, 2018				Fiscal Year End as of June 30, 2019			
	Actual	Budget	\$ Over(Under)	% of Budget	Actual	Budget	\$ Over(Under)	% of Budget	Projected	Budget	\$ Over(Under)	% of Budget
<b>Income</b>												
4010 · Local Agency Subsidies	0.00	0.00	0.00	0.0%	167,712.36	167,712.00	0.36	100.0%	167,712.36	167,712.00	0.36	100.0%
4110 · Admin Asmnts-Approp Pool	0.00	0.00	0.00	0.0%	8,298,614.95	8,301,750.00	-3,135.05	99.96%	8,298,614.95	8,301,750.00	-3,135.05	99.96%
4120 · Admin Asmnts-Non-Agri Pool	0.00	0.00	0.00	0.0%	357,157.18	353,795.00	3,362.18	100.95%	392,157.18	388,795.00	3,362.18	100.87%
4700 · Non Operating Revenues	39,411.01	15,992.00	23,419.01	246.44%	88,632.14	31,986.00	56,646.14	277.1%	193,154.97	63,968.00	129,186.97	301.96%
4900 · Miscellaneous Income	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
<b>Total Income</b>	<b>39,411.01</b>	<b>15,992.00</b>	<b>23,419.01</b>	<b>246.44%</b>	<b>8,912,116.63</b>	<b>8,855,243.00</b>	<b>56,873.63</b>	<b>100.64%</b>	<b>9,051,639.46</b>	<b>8,922,225.00</b>	<b>129,414.46</b>	<b>101.45%</b>
<b>Gross Profit</b>	<b>39,411.01</b>	<b>15,992.00</b>	<b>23,419.01</b>	<b>246.44%</b>	<b>8,912,116.63</b>	<b>8,855,243.00</b>	<b>56,873.63</b>	<b>100.64%</b>	<b>9,051,639.46</b>	<b>8,922,225.00</b>	<b>129,414.46</b>	<b>101.45%</b>
<b>Expense</b>												
6010 · Admin. Salary/Benefit Costs	124,546.67	86,661.00	37,885.67	143.72%	586,038.54	535,165.00	50,873.54	109.51%	1,097,759.58	1,062,695.00	35,064.58	103.3%
6020 · Office Building Expense	8,511.24	9,033.00	-521.76	94.22%	53,501.66	56,276.00	-2,774.34	95.07%	111,378.08	112,399.00	-1,020.92	99.09%
6030 · Office Supplies & Equip.	2,012.81	4,200.00	-2,187.19	47.92%	14,722.82	28,100.00	-13,377.18	52.39%	36,114.00	38,500.00	-2,386.00	93.8%
6040 · Postage & Printing Costs	3,528.71	3,669.00	-140.29	96.18%	18,531.24	19,595.00	-1,063.76	94.57%	45,692.38	47,142.00	-1,449.62	96.93%
6050 · Information Services	11,924.90	13,228.00	-1,303.10	90.15%	85,387.45	91,738.00	-6,350.55	93.08%	162,154.24	163,656.00	-1,501.76	99.08%
6060 · Contract Services	5,560.44	2,500.00	3,060.44	222.42%	27,980.83	40,425.00	-12,444.17	69.22%	44,085.42	45,125.00	-1,039.58	97.7%
6070 · Watermaster Legal Services	33,184.50	13,001.00	20,183.50	255.25%	227,476.19	78,008.00	149,468.19	291.61%	307,666.74	156,015.00	151,651.74	197.2%
6080 · Insurance	0.00	0.00	0.00	0.0%	35,660.67	28,815.00	6,845.67	123.76%	36,047.67	30,315.00	5,732.67	118.91%
6110 · Dues and Subscriptions	150.00	150.00	0.00	100.0%	14,621.50	15,947.00	-1,325.50	91.69%	34,414.50	34,590.00	-175.50	99.49%
6140 · WM Admin Expenses	450.27	575.00	-124.73	78.31%	1,180.82	1,550.00	-369.18	76.18%	2,032.83	2,350.00	-317.17	86.5%
6150 · Field Supplies	81.29	75.00	6.29	108.39%	1,262.23	1,299.00	-36.77	97.17%	1,430.94	1,550.00	-119.06	92.32%
6170 · Travel & Transportation	1,469.35	1,700.00	-230.65	86.43%	9,506.49	11,835.00	-2,328.51	80.33%	22,442.09	24,170.00	-1,727.91	92.85%
6190 · Training, Conferences, Seminars	2,191.47	2,565.00	-373.53	85.44%	15,547.51	18,567.00	-3,019.49	83.74%	36,870.89	37,857.00	-986.11	97.4%
6200 · Advisory Comm - WM Board	42.40	2,081.00	-2,038.60	2.04%	18,332.72	22,877.00	-4,544.28	80.14%	44,982.36	47,539.00	-2,556.64	94.62%
6300 · Watermaster Board Expenses	9,587.35	13,765.00	-4,177.65	69.65%	74,098.61	80,917.00	-6,818.39	91.57%	171,971.96	178,980.00	-7,008.04	96.08%
8300 · Appr PI-WM & Pool Admin	6,743.80	9,347.00	-2,603.20	72.15%	73,608.89	69,183.00	4,425.89	106.4%	155,798.92	140,552.00	15,246.92	110.85%
8400 · Agri Pool-WM & Pool Admin	117.40	2,821.00	-2,703.60	4.16%	19,207.27	29,912.00	-10,704.73	64.21%	57,986.73	62,054.00	-4,067.27	93.45%
8467 · Ag Legal & Technical Services	21,912.50	17,083.00	4,829.50	128.27%	172,366.73	102,500.00	69,866.73	168.16%	358,325.19	205,000.00	153,325.19	174.79%
8470 · Ag Meeting Attend -Special	675.00	1,850.00	-1,175.00	36.49%	7,175.00	11,100.00	-3,925.00	64.64%	15,600.00	22,200.00	-6,600.00	70.27%
8471 · Ag Pool Expense	0.00	17,500.00	-17,500.00	0.0%	14,018.00	50,000.00	-35,982.00	28.04%	42,054.00	85,000.00	-42,946.00	49.48%
8485 · Ag Pool - Misc. Exp. - Ag Fund	0.00	100.00	-100.00	0.0%	0.00	200.00	-200.00	0.0%	200.00	400.00	-200.00	50.0%
8500 · Non-Ag PI-WM & Pool Admin	13,149.19	9,746.00	3,403.19	134.92%	87,005.94	71,264.00	15,741.94	122.09%	182,856.09	144,837.00	38,019.09	126.25%
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	-12,044.81	-34,935.00	22,890.19	34.48%	-95,523.20	-209,612.00	114,088.80	45.57%	-251,077.61	-419,223.00	168,145.39	59.89%
6900 · Optimum Basin Mgmt Plan	104,986.26	178,475.00	-73,488.74	58.82%	701,537.41	1,080,276.00	-378,738.59	64.94%	2,123,536.99	2,152,735.00	-29,198.01	98.64%
9501 · G&A Expenses Allocated-OBMP	3,413.95	10,044.00	-6,630.05	33.99%	16,456.90	60,268.00	-43,811.10	27.31%	58,747.39	120,532.00	-61,784.61	48.74%
7101 · Production Monitoring	4,433.12	5,242.00	-808.88	84.57%	27,298.09	32,684.00	-5,385.91	83.52%	55,618.62	64,875.00	-9,256.38	85.73%
7102 · In-line Meter Installation	0.00	31,628.00	-31,628.00	0.0%	0.00	190,122.00	-190,122.00	0.0%	350,000.00	380,107.00	-30,107.00	92.08%
7103 · Grdwtr Quality Monitoring	6,174.19	28,578.00	-22,403.81	21.61%	176,522.97	190,850.00	-14,327.03	92.49%	374,510.24	324,329.00	50,181.24	115.47%
7104 · Gdwtr Level Monitoring	24,399.05	27,633.00	-3,233.95	88.3%	140,620.44	167,019.00	-26,398.56	84.19%	262,792.77	333,553.00	-70,760.23	78.79%
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	18,097.98	40,945.00	-22,847.02	44.2%	94,459.29	263,365.25	-168,905.96	35.87%	370,014.28	424,094.25	-54,079.97	87.25%

P49

	1/12th (8.33%) of the Total Budget				6/12th (50.00%) of the Total Budget				100% of the Total Budget			
	For The Month of December 2018				Year-To-Date as of December 31, 2018				Fiscal Year End as of June 30, 2019			
	Actual	Budget	\$ Over(Under)	% of Budget	Actual	Budget	\$ Over(Under)	% of Budget	Projected	Budget	\$ Over(Under)	% of Budget
7108 · Hydraulic Control Monitoring	7,500.20	13,037.00	-5,536.80	57.53%	21,291.78	62,895.00	-41,603.22	33.85%	85,663.34	120,704.00	-35,040.66	70.97%
7109 · Recharge & Well Monitoring Prog	0.00	2,104.00	-2,104.00	0.0%	3,182.40	12,624.00	-9,441.60	25.21%	19,345.20	25,248.00	-5,902.80	76.62%
7200 · PE2- Comp Recharge Pgm	4,969.36	12,528.00	-7,558.64	39.67%	636,741.23	671,441.00	-34,699.77	94.83%	1,358,003.68	1,334,437.00	23,566.68	101.77%
7300 · PE3&5-Water Supply/Desalte	0.00	2,702.00	-2,702.00	0.0%	1,474.40	16,533.00	-15,058.60	8.92%	29,423.20	32,934.00	-3,510.80	89.34%
7400 · PE4- Mgmt Plan	13,135.01	25,013.00	-11,877.99	52.51%	1,607,380.50	1,680,554.00	-73,173.50	95.65%	1,828,246.00	1,830,746.00	-2,500.00	99.86%
7500 · PE6&7-CoopEfforts/SaltMgmt	2,216.08	15,621.00	-13,404.92	14.19%	52,835.74	112,755.00	-59,919.26	46.86%	196,626.25	206,603.00	-9,976.75	95.17%
7600 · PE8&9-StorageMgmt/Conj Use	256.01	3,585.00	-3,328.99	7.14%	98,888.87	107,789.00	-8,900.13	91.74%	125,978.43	127,048.00	-1,069.57	99.16%
7690 · Recharge Improvement Debt Pymt	0.00	0.00	0.00	0.0%	1,998,102.59	3,649,525.82	-1,651,423.23	54.75%	3,634,525.82	3,649,525.82	-15,000.00	99.59%
7700 · Inactive Well Protection Prgm	0.00	42.00	-42.00	0.0%	0.00	251.00	-251.00	0.0%	450.00	500.00	-50.00	90.0%
9502 · G&A Expenses Allocated-Projects	8,630.86	24,891.00	-16,260.14	34.68%	79,066.30	149,345.00	-70,278.70	52.94%	192,330.22	298,691.00	-106,360.78	64.39%
<b>Total Expense</b>	<b>432,006.55</b>	<b>598,783.00</b>	<b>-166,776.45</b>	<b>72.15%</b>	<b>7,117,566.82</b>	<b>9,603,958.07</b>	<b>-2,486,391.25</b>	<b>74.11%</b>	<b>13,782,599.43</b>	<b>13,650,365.07</b>	<b>132,234.36</b>	<b>100.97%</b>
<b>Net Ordinary Income</b>	<b>-392,595.54</b>	<b>-582,791.00</b>	<b>190,195.46</b>	<b>67.37%</b>	<b>1,794,549.81</b>	<b>-748,715.07</b>	<b>2,543,264.88</b>	<b>-239.68%</b>	<b>-4,730,959.97</b>	<b>-4,728,140.07</b>	<b>-2,819.90</b>	<b>100.06%</b>
<b>Other Income</b>												
4210 · Approp Pool-Replenishment	0.00	0.00	0.00	0.0%	788,271.21	0.00	788,271.21	100.0%	788,271.21	0.00	788,271.21	100.0%
4220 · Non-Ag Pool-Replenishment	0.00	0.00	0.00	0.0%	7,968.12	0.00	7,968.12	100.0%	7,968.12	0.00	7,968.12	100.0%
4225 · Interest Income	1,689.16	0.00	1,689.16	100.0%	1,689.16	0.00	1,689.16	100.0%	15,000.00	0.00	15,000.00	100.0%
4226 · LAIF Fair Market Value	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
6600 · 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%
6715 · Gain on Sale of Assets	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
<b>Total Other Income</b>	<b>1,689.16</b>	<b>0.00</b>	<b>1,689.16</b>	<b>100.0%</b>	<b>797,928.49</b>	<b>0.00</b>	<b>797,928.49</b>	<b>100.0%</b>	<b>811,239.33</b>	<b>0.00</b>	<b>811,239.33</b>	<b>100.0%</b>
<b>Other Expense</b>												
5010 · Groundwater Replenishment	29,084.30	0.00	29,084.30	100.0%	29,084.30	0.00	29,084.30	100.0%	796,000.00	0.00	796,000.00	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%	57,732.00	0.00	57,732.00	100.0%	57,732.00	0.00	57,732.00	100.0%
9999 · To/(From) Reserves	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
<b>Total Other Expense</b>	<b>29,084.30</b>	<b>0.00</b>	<b>29,084.30</b>	<b>100.0%</b>	<b>86,816.30</b>	<b>0.00</b>	<b>86,816.30</b>	<b>100.0%</b>	<b>853,732.00</b>	<b>0.00</b>	<b>853,732.00</b>	<b>100.0%</b>
<b>Net Other Income</b>	<b>-27,395.14</b>	<b>0.00</b>	<b>-27,395.14</b>	<b>100.0%</b>	<b>711,112.19</b>	<b>0.00</b>	<b>711,112.19</b>	<b>100.0%</b>	<b>-42,492.67</b>	<b>0.00</b>	<b>-42,492.67</b>	<b>100.0%</b>
<b>Net Income</b>	<b>-419,990.68</b>	<b>-582,791.00</b>	<b>162,800.32</b>	<b>72.07%</b>	<b>2,505,662.00</b>	<b>-748,715.07</b>	<b>3,254,377.07</b>	<b>-334.66%</b>	<b>-4,773,452.64</b>	<b>-4,728,140.07</b>	<b>-45,312.57</b>	<b>100.96%</b>

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

# CHINO BASIN WATERMASTER

## IV. INFORMATION

1. Cash Disbursements for January 2019

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**January 2019**

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	01/03/2019	ACH 010319	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	12/29/2018	12/29/2018	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 12/16/18-12/29/18	2000 · Accounts Payable	7,373.28
TOTAL						7,373.28
<b>Bill Pmt -Check</b>	<b>01/04/2019</b>	<b>21233</b>	<b>BROWNSTEIN HYATT FARBER SCHRECK</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	11/30/2018	744119		744119	6078 · BHFS Legal - Miscellaneous	21,408.30
				Angelica BK	6078 · BHFS Legal - Miscellaneous	656.10
				Mileage/Parking Expense	6078 · BHFS Legal - Miscellaneous	36.86
				40th Anniversary Event	6078 · BHFS Legal - Miscellaneous	2,296.35
Bill	11/30/2018	744120		457(f) Plan Regulations	6073 · BHFS Legal - Personnel Matters	4,580.10
Bill	11/30/2018	744121		744121	6907.34 · Santa Ana River Water Rights	2,349.45
				Federal Express	6907.34 · Santa Ana River Water Rights	11.60
Bill	11/30/2018	744122		744122	6907.32 · Chino Airport Plume	623.70
Bill	11/30/2018	744123		744123	6907.36 · Santa Ana River Habitat	1,260.00
Bill	11/30/2018	744124		744124	6275 · BHFS Legal - Advisory Committee	1,336.50
Bill	11/30/2018	744125		744125	6375 · BHFS Legal - Board Meeting	7,630.20
				Delivery/Ground Transportation	6375 · BHFS Legal - Board Meeting	150.00
Bill	11/30/2018	744126		744126	8375 · BHFS Legal - Appropriative Pool	2,495.25
				Mileage/Parking Expense	8375 · BHFS Legal - Appropriative Pool	31.65
Bill	11/30/2018	744127		744127	8475 · BHFS Legal - Agricultural Pool	1,780.20
Bill	11/30/2018	744128		744128	8575 · BHFS Legal - Non-Ag Pool	1,622.25
				Mileage/Parking Expense	8575 · BHFS Legal - Non-Ag Pool	31.65
Bill	11/30/2018	744129		744129	6071 · BHFS Legal - Court Coordination	10,001.25
Bill	11/30/2018	744130		744130	6077 · BHFS Legal - Party Status Maint	2,757.15
Bill	11/30/2018	744131		744131	6907.39 · Recharge Master Plan	89.10
Bill	11/30/2018	744132		744132	6907.41 · Prado Basin Habitat Sustain	89.10
Bill	11/30/2018	744133		744133	6907.42 · Safe Yield Recalculation	25,152.30
				Research - Westlaw	6907.42 · Safe Yield Recalculation	112.06
				Delivery/Ground Transportation	6907.42 · Safe Yield Recalculation	150.00
				Lodging-Aug. 1, 2018	6907.42 · Safe Yield Recalculation	225.00
				Lodging-Aug. 23, 2018	6907.42 · Safe Yield Recalculation	225.00
				Lodging-Oct. 25, 2018	6907.42 · Safe Yield Recalculation	225.00
Bill	11/30/2018	744134		744134	6907.44 · SGMA Compliance	267.30
Bill	11/30/2018	744135		744135	6907.45 · OBMP Update	299.70
TOTAL						87,893.12
<b>Bill Pmt -Check</b>	<b>01/04/2019</b>	<b>21234</b>	<b>WILDERMUTH ENVIRONMENTAL INC</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	11/30/2018	2018360		2018360	7510 · PE6&7-IEUA Salinity Mgmt. Plan	34,136.10
Bill	11/30/2018	2018361		2018361	6906.31 · OBMP-Pool, Adv. Board Mtgs	5,180.25
Bill	11/30/2018	2018362		2018362	6906.32 · OBMP-Other General Meetings	1,111.50

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**January 2019**

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	11/30/2018	2018363		2018363	6906.71 · OBMP-Data Req.-CBWM Staff	5,671.80
Bill	11/30/2018	2018364		2018364	6906.76 · County Extraction Well-Modeling	9,651.64
Bill	11/30/2018	2018365		2018365	6906.72 · OBMP-Data Req.-Non CBWM Staff	6,112.40
Bill	11/30/2018	2018366		2018366	6906 · OBMP Engineering Services	2,463.30
Bill	11/30/2018	2018367		2018367	6906.1 · OBMP-Watermaster Model Update	15,595.90
Bill	11/30/2018	2018368		2018368	6906.26 · 2019 OBMP Update	3,720.88
Bill	11/30/2018	2018369		2018369	6906.73 · OBMP-Safe Yield Recalculation	6,831.00
Bill	11/30/2018	2018370		2018370	6906.15 · Integrated Model Mtgs-IEUA Cost	4,089.50
Bill	11/30/2018	2018371		2018371	6906.81 · Prepare Annual Reports	2,971.10
Bill	11/30/2018	2018372		2018372	6906.21 · State of the Basin Report	25,329.40
Bill	11/30/2018	2018373		2018373	7103.3 · Grdwtr Qual-Engineering	6,867.78
Bill	11/30/2018	2018374		2018374	7104.3 · Grdwtr Level-Engineering	20,289.39
Bill	11/30/2018	2018375		2018375	7107.2 · Grd Level-Engineering	3,316.30
Bill	11/30/2018	2018376		2018376	7402 · PE4-Engineering	1,366.00
Bill	11/30/2018	2018377		2018377	7402.10 · PE4 - Northwest MZ1 Area Proj.	7,826.21
Bill	11/30/2018	2018378		2018378	7108.31 · Hydraulic Control - PBHSP	3,807.60
Bill	11/30/2018	2018379		2018379	7109.3 · Recharge & Well - Engineering	1,734.00
Bill	11/30/2018	2018380		2018380	7202.2 · Engineering Svc	300.90
Bill	11/30/2018	2018381		2018381	7502 · PE6&7-Engineering	2,146.00
Bill	11/30/2018	2018382		2018382	6906.16 · CBEWP-100% IEUA Cost	4,586.80
						<u>175,105.75</u>
<b>Bill Pmt -Check</b>	<b>01/04/2019</b>	<b>ACH 010419</b>	<b>CALPERS</b>	<b>1394905143</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	12/14/2018	1394905143		Medical Insurance Premium - January 2019	60182.1 · Medical Insurance	7,667.57
						<u>7,667.57</u>
<b>Bill Pmt -Check</b>	<b>01/08/2019</b>	<b>21235</b>	<b>APPLIED COMPUTER TECHNOLOGIES</b>	<b>3010</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	12/31/2018	3010		Database Consulting Services - December 2018	6052.2 · Applied Computer Technol	3,900.00
						<u>3,900.00</u>
<b>Bill Pmt -Check</b>	<b>01/08/2019</b>	<b>21236</b>	<b>CALIFORNIA GROUNDWATER COALITION</b>	<b>2019 Category 3 Membership Dues</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	01/04/2019			Jan - Jun 2019 Category 3 Membership Dues	6111 · Membership Dues	4,750.00
				Jul - Dec 2019 Category 3 Membership Dues	1433 · Prepaid Membership Dues	4,750.00
						<u>9,500.00</u>
<b>Bill Pmt -Check</b>	<b>01/08/2019</b>	<b>21237</b>	<b>CENTURYLINK</b>	<b>76194544</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	12/31/2018	76194544		12/17/18-1/16/19	6053 · Internet Expense	1,062.78
						<u>1,062.78</u>
<b>Bill Pmt -Check</b>	<b>01/08/2019</b>	<b>21238</b>	<b>CHEF DAVE'S CAFE &amp; CATERING</b>	<b>8544</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	12/31/2018	8544		Lunch for 11/15/18 Watermaster Board meeting	6312 · Meeting Expenses	657.26
						<u>657.26</u>

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**CHINO BASIN WATERMASTER**  
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TOTAL	Type	Date	Num	Name	Memo	Account	Paid Amount
							657.26
	Bill Pmt -Check	01/08/2019	21239	DE BOOM, NATHAN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
	Bill	12/13/2018	12/13 Ag Pool Mtg		12/13/18 Special Ag Pool Meeting	8411 · Compensation	25.00
					12/13/18 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL							125.00
	Bill Pmt -Check	01/08/2019	21240	DI PRIMIO, ROBERT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
	Bill	12/04/2018	12/04 40th Event		12/04/18 40th Anniversary Event	6311 · Board Member Compensation	125.00
	Bill	12/20/2018	12/20 SY Conf Call		12/20/18 SYR Negotiations cc w/Board officers	6311 · Board Member Compensation	125.00
TOTAL							250.00
	Bill Pmt -Check	01/08/2019	21241	EUROFINS EATON ANALYTICAL	L0426609	1012 · Bank of America Gen'l Ckg	
	Bill	12/10/2018	L0426609		L0426609	7103.5 · Grdwtr Qual-Lab Svcs	848.00
TOTAL							848.00
	Bill Pmt -Check	01/08/2019	21242	MONTUORI, KERRY K.	12/05/18 Hearing	1012 · Bank of America Gen'l Ckg	
	Bill	12/05/2018	12/05/18 Hearing		Transcript for 12/05/18 court hearing	6046 · Legal Publications/Services	381.71
TOTAL							381.71
<b>P53</b>	Bill Pmt -Check	01/08/2019	21243	PAYCHEX	2018122700	1012 · Bank of America Gen'l Ckg	
	Bill	12/31/2018	2018122700		December 2018	6012 · Payroll Services	484.47
TOTAL							484.47
	Bill Pmt -Check	01/08/2019	21244	PREMIERE GLOBAL SERVICES	26999994	1012 · Bank of America Gen'l Ckg	
	Bill	12/31/2018	26999994		ETF call w/WE Inc.on 11/27	6909.1 · OBMP Meetings	36.19
					ETF call w/WE Inc. on 11/27	6909.1 · OBMP Meetings	6.30
					WM coordination call on 12/03	6909.1 · OBMP Meetings	55.31
					WM coordination call on 12/03	6909.1 · OBMP Meetings	6.31
					Update w/Board officers call on 12/20	6312 · Meeting Expenses	28.79
					Fee - General	6022 · Telephone	49.00
					Fee - Confidential	6022 · Telephone	49.00
					WM coordination call on 12/10	6909.1 · OBMP Meetings	15.93
					WM coordination call on 12/17	6909.1 · OBMP Meetings	16.71
					WM coordination call on 12/17	6909.1 · OBMP Meetings	6.31
					Update w/Board officers call on 12/20	6312 · Meeting Expenses	7.24
					Upper SAR HCP call on 12/20	6909.1 · OBMP Meetings	27.26
					Service fee	6022 · Telephone	11.25
TOTAL							315.60
	Bill Pmt -Check	01/08/2019	21245	PURCHASE POWER	8000-9090-0016-8851	1012 · Bank of America Gen'l Ckg	

**CHINO BASIN WATERMASTER**  
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Type	Date	Num	Name	Memo	Account	Paid Amount	
Bill	12/31/2018	8000909000168851		Postage refill	6042 · Postage - General	499.01	
TOTAL						499.01	
Bill Pmt -Check	01/08/2019	21246	RAUCH COMMUNICATION CONSULTANTS, LL	Dec-1814	1012 · Bank of America Gen'l Ckg		
Bill	12/24/2018	Dec-1814		AR41-work completed through Nov. 30, 2018	6061.3 · Rauch	3,982.50	
TOTAL						3,982.50	
Bill Pmt -Check	01/08/2019	21247	READY REFRESH BY NESTLE	0023230253	1012 · Bank of America Gen'l Ckg		
Bill	12/31/2018	0023230253		Office Water Bottle - December 2018	6031.7 · Other Office Supplies	48.47	
TOTAL						48.47	
Bill Pmt -Check	01/08/2019	21248	RR FRANCHISING, INC.	66071	1012 · Bank of America Gen'l Ckg		
Bill	01/03/2019	66071		Monthly janitorial service - January 2019	6024 · Building Repair & Maintenance	740.00	
TOTAL						740.00	
Bill Pmt -Check	01/08/2019	21249	STANDARD INSURANCE CO.	Policy # 00-649299-0009	1012 · Bank of America Gen'l Ckg		
Bill	01/03/2019	006492990009		Policy # 00-649299-0009	60191 · Life & Disab.Ins Benefits	857.37	
TOTAL						857.37	
<b>P 54</b>	Bill Pmt -Check	01/08/2019	21250	STATE COMPENSATION INSURANCE FUND	1970970-18	1012 · Bank of America Gen'l Ckg	
	Bill	01/01/2019	1970970-18		Monthly premium 12/26/18-1/26/19	60183 · Worker's Comp Insurance	552.42
TOTAL						552.42	
Bill Pmt -Check	01/08/2019	21251	UNION 76	7076-2245-3035-5049	1012 · Bank of America Gen'l Ckg		
Bill	12/31/2018	7076224530355049		Fuel - December 2018	6175 · Vehicle Fuel	50.72	
TOTAL						50.72	
Bill Pmt -Check	01/08/2019	21252	VISION SERVICE PLAN	00-101789-0001	1012 · Bank of America Gen'l Ckg		
Bill	12/31/2018	001017890001		Vision Insurance Premium - January 2019	60182.2 · Dental & Vision Ins	88.20	
TOTAL						88.20	
Bill Pmt -Check	01/08/2019	21253	YUKON DISPOSAL SERVICE	21136525395	1012 · Bank of America Gen'l Ckg		
Bill	01/04/2019	21136525395		Disposal Service - January 2019	6024 · Building Repair & Maintenance	117.14	
TOTAL						117.14	
Bill Pmt -Check	01/08/2019	21254	EGOSCUE LAW GROUP, INC.	12167	1012 · Bank of America Gen'l Ckg		
Bill	12/31/2018	12167		Ag Pool Legal Services - December 2018	8467 · Ag Legal & Technical Services	21,912.50	
TOTAL						21,912.50	
General Journal	01/12/2019	01/12/2019	Payroll and Taxes for 12/30/18-01/12/19	Payroll and Taxes for 12/30/18-01/12/19	1012 · Bank of America Gen'l Ckg		
				Direct Deposits for 12/30/18-01/12/19	1012 · Bank of America Gen'l Ckg	29,023.52	

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Type	Date	Num	Name	Memo	Account	Paid Amount
				Payroll and Taxes for 12/30/18-01/12/19	1012 · Bank of America Gen'l Ckg	10,684.04
			ICMA-RC	457(b) EE Deductions for 12/30/18-01/12/19	1012 · Bank of America Gen'l Ckg	5,421.62
			ICMA-RC	401(a) EE Deductions for 12/30/18-01/12/19	1012 · Bank of America Gen'l Ckg	1,481.89
TOTAL						<u>46,611.07</u>
<b>Bill Pmt -Check</b>	<b>01/17/2019</b>	<b>21255</b>	<b>ACWA JOINT POWERS INSURANCE AUTHORITY</b>	<b>0592370</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	01/11/2019	0592370		Prepayment - February 2019	1409 · Prepaid Life, BAD&D & LTD	232.86
				January 2019	60191 · Life & Disab.Ins Benefits	223.93
TOTAL						<u>456.79</u>
<b>Bill Pmt -Check</b>	<b>01/17/2019</b>	<b>21256</b>	<b>BANK OF AMERICA</b>	<b>XXXX-XXXX-XXXX-9341</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	12/13/2018	XXXX-XXXX-XXXX-9341		Parking-Ontario Convention-40th Anniv. event	1550 · Special Event-40th Anniversary	496.34
				Miscellaneous office supplies	6031.7 · Other Office Supplies	253.33
				Toner cartridges	6031.7 · Other Office Supplies	583.66
				2018 staff holiday lunch	6141.3 · Admin Meetings	281.50
				HR COMPackage Software	6054 · Computer Software	293.87
				VMWare - 1 year annual support	6055 · Computer Hardware	63.89
				Staff mtg PK, AN, JJ	6141.3 · Admin Meetings	65.03
				Lunch for OBMP Update meeting	6909.1 · OBMP Meetings	87.97
				Miscellaneous office supplies	6031.7 · Other Office Supplies	38.23
				Miscellaneous office supplies	6031.7 · Other Office Supplies	13.54
				Miscellaneous office supplies	6031.7 · Other Office Supplies	24.31
				SkillPatch - 1 year seminar package	6192 · Seminars - General	881.62
				Photographer - 40th Anniversary event	1550 · Special Event-40th Anniversary	294.86
				PK mtg w/S. Burton	8312 · Meeting Expenses	28.70
				PK mtg w/B. Bowcock	6312 · Meeting Expenses	22.04
TOTAL						<u>3,428.89</u>
<b>Bill Pmt -Check</b>	<b>01/17/2019</b>	<b>21257</b>	<b>FEENSTRA, BOB</b>	<b>Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	12/05/2018	12/05 Court Hearing		12/05/18 Court Hearing	8470 · Ag Meeting Attend -Special	125.00
Bill	12/13/2018	12/13 Special Ag Mtg		12/13/18 Special Ag Pool meeting	8470 · Ag Meeting Attend -Special	125.00
TOTAL						<u>250.00</u>
<b>Bill Pmt -Check</b>	<b>01/17/2019</b>	<b>21258</b>	<b>FIRST LEGAL NETWORK LLC</b>	<b>40023636</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	12/12/2018	40023636		Court filing on 12/12/18	6061.5 · Court Filing Services	77.94
TOTAL						<u>77.94</u>
<b>Bill Pmt -Check</b>	<b>01/17/2019</b>	<b>21259</b>	<b>HR DIRECT / GNEIL</b>	<b>INV7128545</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	01/11/2019	INV7128545		Poster guard-Federal HR Posters - 12 months	6031.7 · Other Office Supplies	94.81
TOTAL						<u>94.81</u>

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	01/17/2019	21260	HUITSING, JOHN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	12/13/2018	12/13 Special Ag Mtg		12/13/18 Special Ag Pool Meeting	8411 · Compensation	25.00
				12/13/18 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	01/17/2019	21261	INLAND EMPIRE UTILITIES AGENCY	1800004105	1012 · Bank of America Gen'l Ckg	
Bill	12/31/2018	1800004105		RTS charge for FY 2018/2019	5018 · RTS Charges - IEUA	29,084.30
TOTAL						29,084.30
Bill Pmt -Check	01/17/2019	21262	JOHN J. SCHATZ	Appropriative Pool Legal Services	1012 · Bank of America Gen'l Ckg	
Bill	12/31/2018			Appropriative Pool Legal Services - Dec. 2018	8367 · Legal Service	5,790.00
				Third Party Expenses	8367 · Legal Service	602.60
TOTAL						6,392.60
Bill Pmt -Check	01/17/2019	21263	LOEB & LOEB LLP	1806210	1012 · Bank of America Gen'l Ckg	
Bill	12/31/2018	1806210		Non-Ag Pool Legal Services - December 2018	8567 · Non-Ag Legal Service	13,013.60
TOTAL						13,013.60
PSG Bill Pmt -Check	01/17/2019	21264	PIETERSMA, RONALD	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	12/13/2018	12/13 Special Ag Mtg		12/13/18 Special Ag Pool Meeting	8411 · Compensation	25.00
				12/13/18 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	01/17/2019	21265	R&D PEST SERVICES	0238307	1012 · Bank of America Gen'l Ckg	
Bill	01/10/2019	0238307		Inside & Outside - Pest control	6024 · Building Repair & Maintenance	100.00
TOTAL						100.00
Bill Pmt -Check	01/17/2019	ACH 011719	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	01/12/2019	01/12/2019	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 12/30/18-01/12/19	2000 · Accounts Payable	7,444.83
TOTAL						7,444.83
Bill Pmt -Check	01/22/2019	21266	CORELOGIC INFORMATION SOLUTIONS	81937731	1012 · Bank of America Gen'l Ckg	
Bill	12/31/2018	81937731		81937731	7103.7 · Grdwtr Qual-Computer Svc	62.50
				81937731	7101.4 · Prod Monitor-Computer	62.50
TOTAL						125.00
Bill Pmt -Check	01/22/2019	21267	CUCAMONGA VALLEY WATER DISTRICT	Office Lease	1012 · Bank of America Gen'l Ckg	
Bill	01/16/2019			Office lease due February 1, 2019	1422 · Prepaid Rent	6,866.54
TOTAL						6,866.54
Bill Pmt -Check	01/22/2019	21268	GREAT AMERICA LEASING CORP.	24080299	1012 · Bank of America Gen'l Ckg	

**CHINO BASIN WATERMASTER**  
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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	01/17/2019	24080299		Invoice for January 2019	6043.1 · Ricoh Lease Fee	2,661.62
TOTAL						2,661.62
Bill	01/22/2019	21269	IAAP	200015653	1012 · Bank of America Gen'l Ckg	
Bill	01/08/2019	200015653		Order new certificates for AN with new name	6111 · Membership Dues	50.00
TOTAL						50.00
Bill	01/22/2019	21270	LEGAL SHIELD	0111802	1012 · Bank of America Gen'l Ckg	
Bill	01/16/2019	111802		Employee deductions - January 2019	60194 · Other Employee Insurance	51.80
TOTAL						51.80
Bill	01/22/2019	21271	MONTE VISTA WATER DIST	SCADA Reimbursement to MVWD	1012 · Bank of America Gen'l Ckg	
Bill	12/31/2018	November 2018		SCADA Installation, Monitoring - Nov. 2018	7107.63 · Grd Level-MVWD SCADA Reimburs	9,128.12
Bill	12/31/2018	December 2018		SCADA Installation, Monitoring - Dec. 2018	7107.63 · Grd Level-MVWD SCADA Reimburs	7,093.75
TOTAL						16,221.87
Bill	01/22/2019	21272	PITNEY BOWES GLOBAL FINANCIAL SERVICE 3102829263		1012 · Bank of America Gen'l Ckg	
Bill	01/16/2019	3102829263		Postage meter lease	6044 · Postage Meter Lease	401.91
TOTAL						401.91
Bill	01/22/2019	21273	RAUCH COMMUNICATION CONSULTANTS, LL Jan-1904		1012 · Bank of America Gen'l Ckg	
Bill	01/04/2019	Jan-1904		AR41-work completed through January 4, 2019	6061.3 · Rauch	2,387.50
TOTAL						2,387.50
Bill	01/22/2019	21274	STAPLES BUSINESS ADVANTAGE	8052774460	1012 · Bank of America Gen'l Ckg	
Bill	01/05/2019	8052774460		Miscellaneous office supplies	6031.7 · Other Office Supplies	38.01
TOTAL						38.01
Bill	01/22/2019	21275	STAULA, MARY L	Retiree Medical	1012 · Bank of America Gen'l Ckg	
Bill	01/31/2019			New monthly amount for 2019	60182.4 · Retiree Medical	25.87
TOTAL						25.87
Bill	01/22/2019	21276	UNITED HEALTHCARE	052515732393	1012 · Bank of America Gen'l Ckg	
Bill	01/16/2019	052515732393		Dental Insurance Premium - February 2019	60182.2 · Dental & Vision Ins	683.07
TOTAL						683.07
Bill	01/22/2019	21277	VERIZON WIRELESS	9821595240	1012 · Bank of America Gen'l Ckg	
Bill	01/16/2019	9821595240		Acct #470810953-00001	6022 · Telephone	297.73
TOTAL						297.73

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**CHINO BASIN WATERMASTER**  
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Type	Date	Num	Name	Memo	Account	Paid Amount
General Journal	01/23/2019	19/01/11	ICMA-RC	RHS Annual Payments	1012 · Bank of America Gen'l Ckg	
			ICMA-RC	RHS Annual Payments as of January 15, 2019	1012 · Bank of America Gen'l Ckg	5,909.19
TOTAL						5,909.19
General Journal	01/26/2019	01/26/2019	Payroll and Taxes for 01/13/19-01/26/19	Payroll and Taxes for 01/13/19-01/26/19	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 01/13/19-01/26/19	1012 · Bank of America Gen'l Ckg	30,739.99
				Payroll Taxes for 01/13/19-01/26/19	1012 · Bank of America Gen'l Ckg	10,010.40
			ICMA-RC	457(b) EE Deductions for 01/13/19-01/26/19	1012 · Bank of America Gen'l Ckg	5,421.62
			ICMA-RC	401(a) EE Deductions for 01/13/19-01/26/19	1012 · Bank of America Gen'l Ckg	1,481.89
TOTAL						47,653.90
Bill Pmt -Check	01/28/2019	ACH 012819	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
Bill	01/01/2019	15477934		Annual Unfunded Accrued Liability Plan 3299	60180 · Employers PERS Expense	5,456.55
TOTAL						5,456.55
Bill Pmt -Check	01/30/2019	21278	ACCENT COMPUTER SOLUTIONS, INC.	126033	1012 · Bank of America Gen'l Ckg	
Bill	02/01/2019	126033		Monthly service - Feb. 2019	6052.4 · IT Managed Services	3,680.00
				Overwatch - Feb. 2019	6052.5 · IT Data Backup/Storage	699.00
				OmniCloud - Feb. 2019	6052.5 · IT Data Backup/Storage	117.00
				Office 365 subscriptions - Feb. 2019	6052.4 · IT Managed Services	99.60
				Image Office Storage (per GB, per month)	6052.5 · IT Data Backup/Storage	827.30
TOTAL						5,422.90
Bill Pmt -Check	01/30/2019	21279	CENTURYLINK	77145692	1012 · Bank of America Gen'l Ckg	
Bill	01/25/2019	77145692		1/17/19-2/16/19	6053 · Internet Expense	1,062.60
TOTAL						1,062.60
Bill Pmt -Check	01/30/2019	21280	EUROFINS EATON ANALYTICAL		1012 · Bank of America Gen'l Ckg	
Bill	12/21/2018	L0428810		L0422810	7108.41 · Hydraulic Control - PBHSP	875.00
Bill	12/21/2018	L0428812		L0428812	7108.41 · Hydraulic Control - PBHSP	175.00
TOTAL						1,050.00
Bill Pmt -Check	01/30/2019	21281	FRONTIER COMMUNICATIONS	909-484-3890-050914-5	1012 · Bank of America Gen'l Ckg	
Bill	01/25/2019	90948438900509145		Office fax	6022 · Telephone	146.56
TOTAL						146.56
Bill Pmt -Check	01/30/2019	21282	RON SHELLEY'S AUTOMOTIVE	10709	1012 · Bank of America Gen'l Ckg	
Bill	01/23/2019	10709		Maintenance - 2018 Ford F150 pickup	6177 · Vehicle Repairs & Maintenance	68.13
TOTAL						68.13

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	01/30/2019	21283	STANDARD INSURANCE CO.	Policy # 00-649299-0009	1012 · Bank of America Gen'l Ckg	
Bill	01/25/2019	006492990009		Policy # 00-649299-0009	60191 · Life & Disab.Ins Benefits	857.37
TOTAL						<u>857.37</u>
Bill Pmt -Check	01/30/2019	21284	THE HOWARD E. NYHART COMPANY, INC.	0146689	1012 · Bank of America Gen'l Ckg	
Bill	12/31/2018	0146689		746690.HCADM.GAS2018	6062.5 · Audit Support Services	1,500.00
TOTAL						<u>1,500.00</u>
Bill Pmt -Check	01/30/2019	21285	VERIZON WIRELESS	9822153212	1012 · Bank of America Gen'l Ckg	
Bill	01/25/2019	9822153212		Acct #642073270-00001	7103.7 · Grdwtr Qual-Computer Svc	100.04
TOTAL						<u>100.04</u>
Bill Pmt -Check	01/30/2019	ACH 013019	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	01/26/2019	01/26/2019	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 01/13/19-01/26/19	2000 · Accounts Payable	7,444.83
TOTAL						<u>7,444.83</u>
					<b>Total Disbursements:</b>	<u><u>538,100.69</u></u>

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# CHINO BASIN WATERMASTER

## IV. INFORMATION

2. Ground-Level Monitoring Status Report (Semi-Annual)

# Semi-Annual Status Report

## Ground-Level Monitoring Committee

July - December 2018

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This semi-annual status report describes the background of the Ground-Level Monitoring Program (GLMP), the main activities conducted for the GLMP and by the Ground-Level Monitoring Committee (GLMC) for the period July - December 2018, and the main activities planned for the period January – June 2019.

### Background

Historically, the utilization of the Chino Basin has inadvertently resulted in land subsidence and ground fissuring. Pursuant the OBMP Implementation Plan, the Watermaster developed and implements the Chino Basin Subsidence Management Plan (SMP). The objective of the SMP is to minimize or abate the occurrence of land subsidence and ground fissuring.

The SMP identifies four “Areas of Subsidence Concern” and the MZ-1 Managed Area in the western portion of the Chino Basin. Figure 1 shows the locations of these areas. These are areas where land subsidence and ground fissuring have historically occurred, or where the underlying hydrogeologic conditions makes these areas susceptible to land subsidence and ground fissuring. In the MZ-1 Managed Area, the Watermaster has conducted monitoring and testing programs, and has developed Management Criteria for the groundwater producers within the area to minimize or abate the future occurrence of land subsidence and ground fissuring. The Management Criteria consists of the following main elements:

- A list of production wells in the MZ-1 Managed Area that are subject to the SMP.
- An index water level measured at Watermaster’s PA-7 piezometer at Ayala Park. The index water level is called the Guidance Level.
- A Watermaster recommendation that the well owners collectively manage their production so that the water level at the PA-7 piezometer remains above the Guidance Level.

The SMP also calls for:

1. An ongoing monitoring and reporting program to verify the protective nature of the SMP and identify new threats or occurrences of land subsidence.
2. A process to adjust the SMP to minimize or abate land subsidence and ground fissuring.

Since the initial SMP was adopted by the Watermaster in 2007, Watermaster has conducted the annual GLMP to implement the monitoring and reporting program in (1.) above.

The main activities of the GLMP include:

- Setup and maintenance of monitoring facilities
- Monitoring and testing
- Data analysis and reporting
- Meetings of the GLMC

The main results and conclusions of the GLMP have been:

- Very little permanent land subsidence has occurred in the MZ-1 Managed Area, which indicates that subsidence is being successfully managed in this area.



# Semi-Annual Status Report

## Ground-Level Monitoring Committee

July – December 2018

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- Land subsidence has been occurring in the Northwest MZ-1 Area. Of particular concern is that subsidence in Northwest MZ-1 has occurred differentially across the San Jose Fault and in other areas—the same pattern of differential subsidence that occurred in the MZ-1 Managed Area during the time of ground fissuring.

Based on these results, the Watermaster determined that the SMP needs to be updated to include a *Subsidence Management Plan for the Northwest MZ-1 Area* with the long-term objective to minimize or abate the occurrence of the differential land subsidence. To assist in this update, the GLMP has been expanded to the Northwest MZ-1 Area. The SMP was updated in 2015 to include the *Work Plan to Develop a Subsidence Management Plan for the Northwest MZ-1 Area* (Work Plan). The Work Plan includes eleven tasks that include investigations, construction of monitoring facilities, monitoring and testing programs, modeling, reporting and preparation of a subsidence management plan for Northwest MZ-1. Portions of Tasks 2 and 5 of the Work Plan are planned for completion by the end of FY 2018/19:

- Task 2: Implement and Finalize the Initial Monitoring and Testing Program.
- Task 5: Design and Install the Pomona Extensometer Facility.

### Activities Performed from July - December 2018

#### *Setup and Maintenance of Monitoring Facilities*

- Performed monthly routine maintenance, data collection, and verification at the Ayala Park and Chino Creek extensometer facilities.

#### *Northwest MZ-1 Area Investigation:*

- Installed seven pressure transducers and two sonar devices to measure water levels in MVWD wells selected by WEI.
- Installed 11 pressure transducers in City of Pomona's active and inactive production wells identified by WEI and the City of Pomona staff that can be safely equipped with the water monitoring devices.
- Issued the bid package and awarded the drilling contract to Cascade Environmental, Inc. to drill and construct the Pomona Extensometer facility's two dual-nested piezometers. Cascade mobilized, set-up the site, and installed the conductor casings for the PX2 and PX1 boreholes.

#### *Monitoring and Testing*

- Performed quarterly collection, checking, and storing of piezometric and aquifer-system deformation data from the wells and the Ayala Park and Chino Creek extensometer facilities.
- Worked with Neva Ridge Technologies, Inc. to purchase five SAR interferograms from the German Aerospace Center's TerraSAR-X satellite for the western Chino Basin through June 2019.
- Contracted with Guida Surveying, Inc. to take-over the ground-level surveying program from WSP USA beginning in Spring 2019.

#### *Data Analysis and Reporting*



# Semi-Annual Status Report

## Ground-Level Monitoring Committee

July – December 2018

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- Finalized the *2017/18 Annual Report of the Ground-Level Monitoring Committee*. The final report was submitted to Watermaster in November 2018.

### **Meetings of the Ground-Level Monitoring Committee**

Two GLMC meetings were conducted during the reporting period:

The August 23, 2018 meeting agenda included the following items:

- Preview of the *2017/18 Annual Report of the Ground-Level Monitoring Committee*.
- Progress on the development of a Subsidence Management Plan for Northwest MZ-1
- Proposed injection test at City of Chino Hills Well 16.

The September 27, 2018 meeting agenda included the following items:

- Review of the draft *2017/18 Annual Report of the Ground-Level Monitoring Committee*.
- Review and discuss the Ground-Level Monitoring Program activities for FY 2018/19.

### **Activities Planned for January – July 2019**

#### **Setup and Maintenance of Monitoring Facilities**

- Perform monthly routine maintenance, data collection, and verification at the Ayala Park Extensometer and Chino Creek Extensometer facilities.
- Drill and construct the Pomona Extensometer facility piezometers.
- Install and equip the Pomona Extensometer facility piezometers with pressure transducers and cable extensometers and test the pressure transducers and cable extensometers.

#### **Monitoring and Testing**

- Perform quarterly collection, checking, and storing of piezometric and aquifer-system deformation data from the wells and extensometers shown on Figure 1.

#### *Northwest MZ-1 Area Investigation:*

- Finalize the Initial Monitoring Program for the Northwest MZ-1 Area. This included:
  - Equipping two additional MVWD wells with pressure transducers or similar device and, connecting the wells to MVWD’s SCADA system.
  - Conduct “passive” monitoring of water levels in Northwest MZ-1.

#### **Data Analysis and Reporting**

- Submit the draft technical memorandum: *Recommended Scope and Budget of the Ground-Level Monitoring Committee for FY 2019/20*. The draft technical memorandum will be published on February 18, 2019, and the final will be published in April 2019 to support the Watermaster’s budgeting process.



Semi-Annual Status Report  
Ground-Level Monitoring Committee  
July - December 2018

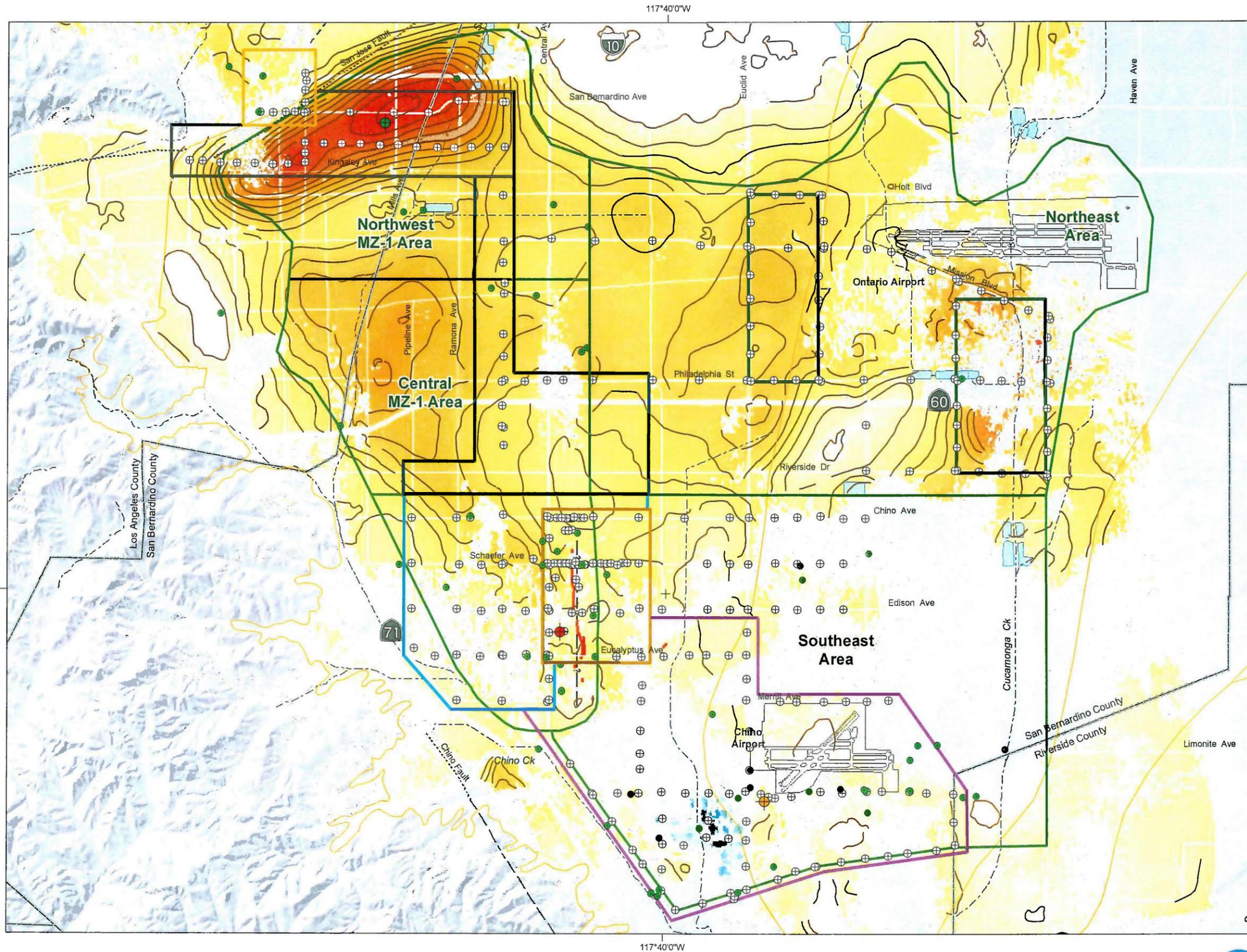
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***Meetings of the Ground-Level Monitoring Committee***

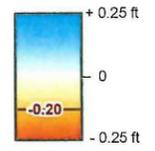
Two GLMC meeting are anticipated during January to June 2019. The meeting agenda items will include:

- Review and discuss the preliminary results of the Ground-Level Monitoring Program for 2018.
- Review and discuss the recommended Scope and Budget of the Ground-Level Monitoring Committee for FY 2019/20.





Relative Change in Land Surface Altitude  
as Measured by InSAR  
March 2011 to March 2018



InSAR absent or incoherent

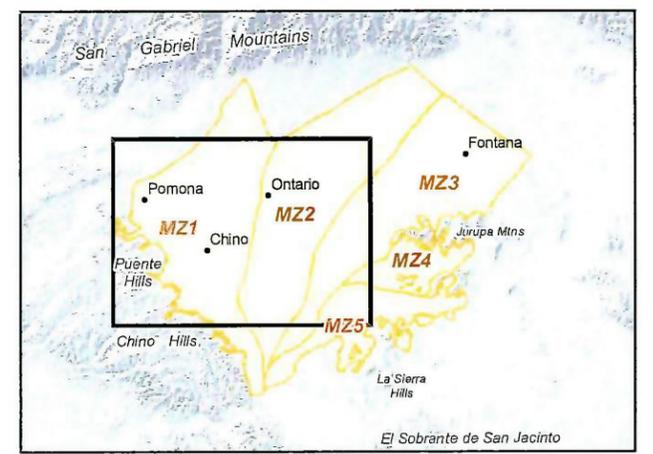
Groundwater-Level and  
Aquifer-System Deformation Monitoring

- Ayala Park Extensometer
- Chino Creek Extensometer
- Pomona Facility Extensometer
- Well Equipped with Transducer (2017/18)

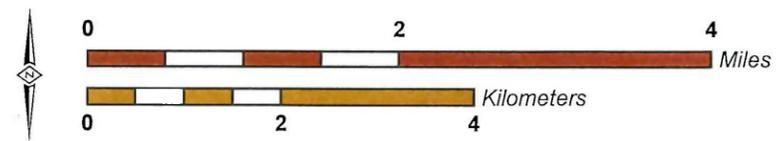
Ground-Level Survey Areas

- ⊕ Ground-Level Survey Benchmark
- Northeast Area
- Managed Area
- Fissure Zone
- Southeast
- Central
- Northwest MZ-1
- San Jose Fault Zone

- Areas of Subsidence Concern
- Flood Control and Conservation Basins
- Ground Fissures
- Approximate Location of the Riley Barrier
- Fault - Solid where accurately located. Dashed where approximately located or inferred; dotted where concealed.



Author: MAB  
Date: 1/31/2019  
Document Name: Figure1\_FY2018\_19\_Dec\_Jun



Ground-Level Monitoring Committee  
Ground-Level Monitoring Program

Ground-Level Monitoring Program  
Fiscal Year 2018/19

Figure 1

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# CHINO BASIN WATERMASTER

## IV. INFORMATION

3. Santa Ana River Watershed Status Report (Semi-Annual)

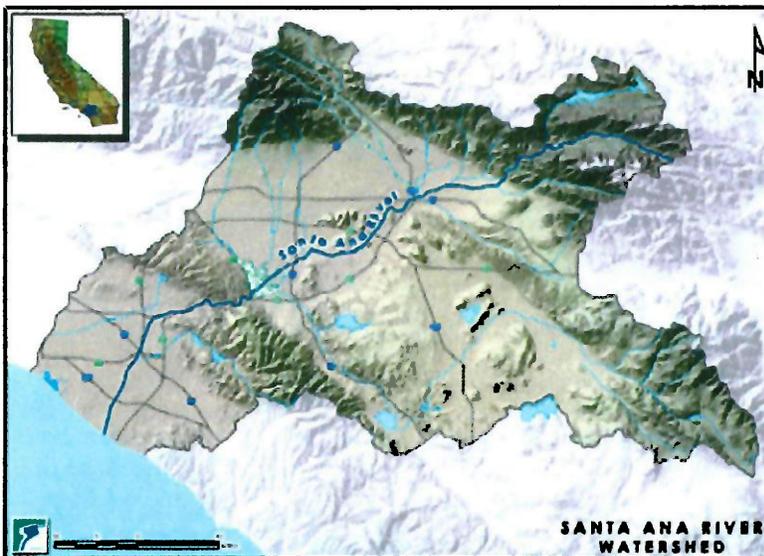
# SANTA ANA RIVER ACTIVITIES UPDATE

The Chino Basin is part of the Santa Ana River Watershed, as such, Chino Basin Watermaster participates in different activities and follows closely the happenings in the entire watershed. This document is part of a series of periodic updates about the current activities and issues in the watershed. The updates will be classified into four different categories:

1. Water Quality
2. Basin Management
3. Habitat Conservation / Monitoring
4. Storage and Conjunctive Use

Many of the activities that take place within the watershed fall in more than one category. Below is a list of the current activities of interest in the Santa Ana River Watershed:

- Basin Monitoring Program Task Force
- Upper Santa Ana River Habitat Conservation Plan
- Prado Basin Adaptive Management Plan



Water Quality



Basin Management



Habitat Conservation / Monitoring



Storage and Conjunctive Use

The Santa Ana River is the longest river that is entirely contained in Southern California and one of the most densely populated watersheds in the State of California. Some quick facts to remember about the Santa Ana River are:

- It is 96 miles long
- It has over 700 miles of tributaries
- ~6 million people live within the watershed
- The watershed encompasses 58 cities in 4 counties
- The area of the watershed is 2650 sq. miles



# BASIN MONITORING PROGRAM TASK FORCE

The Chino Basin Watermaster (CBWM) participates in the Basin Monitoring Program Task Force (BMPTF) and collaborates with the Regional Board in developing Groundwater quality reports. During the second half of 2018 the Task Force worked on the following issues:

- **Ambient Water Quality Re-computation:** This is a study conducted every three years that analyzes the water quality in the entire upper watershed. It is also a part of the Maximum Benefit commitments by CBWM and IEUA. The Task Force has proactively started the process to hire a consultant in the first quarter of 2019. The study will be concluded by the end of the year.
- **Wasteload Allocation Model Update:** The WLAM is a tool used by the Regional Board to determine assimilative capacity in the upper watershed. It is currently being updated by Geoscience Inc. CBWM and IEUA have been providing comments and meeting with the consultants to ensure the quality of the final product.

Category:



Water Quality



The Basin Monitoring Program Task Force is a watershed effort by 17 agencies administered by SAWPA. Its main task is to create periodic reports about the concentrations of TDS and Salt in the watershed and to cooperate with the Regional Water Quality Control Board to update assimilative capacities.



# UPPER SANTA ANA RIVER HABITAT CONSERVATION PLAN

CBWM and IEUA participate in the Upper Santa Ana River Habitat Conservation Plan (HCP) with other agencies in the Upper Watershed. The covered activities for CBWM and IEUA under the HCP are the maintenance and enhancements of recharge basins under the RMPU. The group has started the process to constitute a Joint Powers Authority or administer the permits and conservation bank. The HCP group has started the preparation of the Environmental Impact Report that will be released in early spring.

## Integrated Groundwater Model for the Upper Santa Ana River

UFWS and CDFW expressed interest in analyzing the effects of the proposed covered activities in the flows of the Santa Ana River. The team proposed the creation of an integrated groundwater model that would analyze the surface water and groundwater interactions in the entire Upper Watershed. Geoscience was the selected consultant to conduct this work. CBWM and IEUA have been actively providing feedback and meeting with the project managers and consultants to ensure that the modeling characterization of the Chino Basin and its management activities are accurately captured in the model.

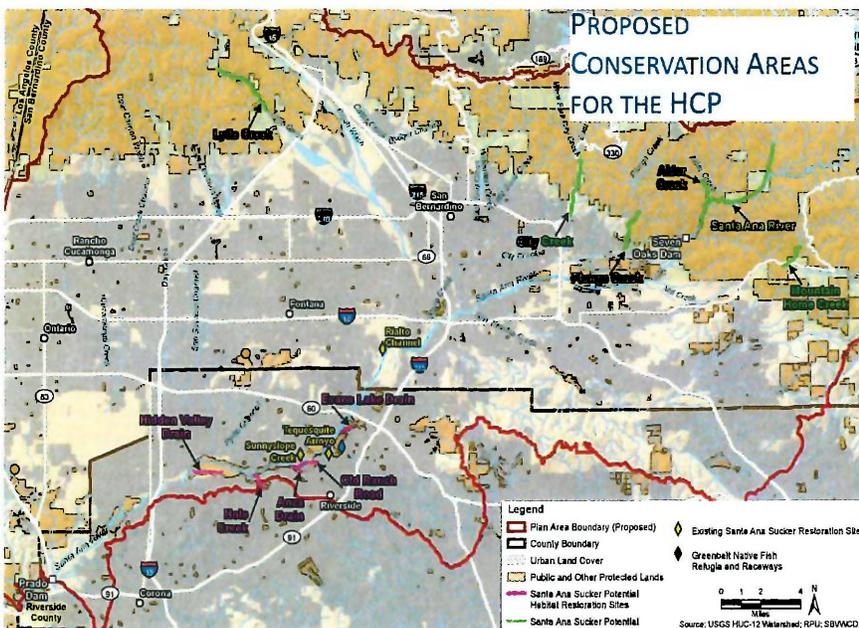
### Categories:



Basin Management



Habitat Conservation / Monitoring



The Upper Santa Ana River Habitat Conservation Plan is a multi-agency effort administered by San Bernardino Valley Municipal Water District. Its mission is to expedite application for incidental take permits of certain endangered species within the watershed by providing habitat restoration / conservation in the Upper Watershed.



# PRADO BASIN ADAPTIVE MANAGEMENT PLAN

Pursuant to the Mitigation Measure 4.4-3 of the Peace II Subsequent Environmental Impact Report (SEIR), CBWM and IEUA implemented an Adaptive Management Plan (AMP) for the Prado Basin Habitat Sustainability Program (PBHSP) to monitor the riparian habitat in the Prado Basin as a contingency measure to ensure that the riparian habitat will not incur unforeseeable significant adverse effects from Peace II Agreement implementation. The AMP outlines a monitoring program of riparian habitat and the factors that could potentially affect the riparian habitat, which include, but are not limited to: groundwater levels, surface-water discharge, weather events, long-term climate, and annual data analysis and reporting. A key element of the AMP is its adaptive nature—CBWM and IEUA can adjust the AMP as warranted by the data.

On June 28, 2018 the CBWM Board received and filed the second Annual Report of the Prado Basin Habitat Sustainability Committee. The report found no impact from the implementation of the Peace II Agreement in the Riparian habitat in the Prado Basin for the second consecutive year.

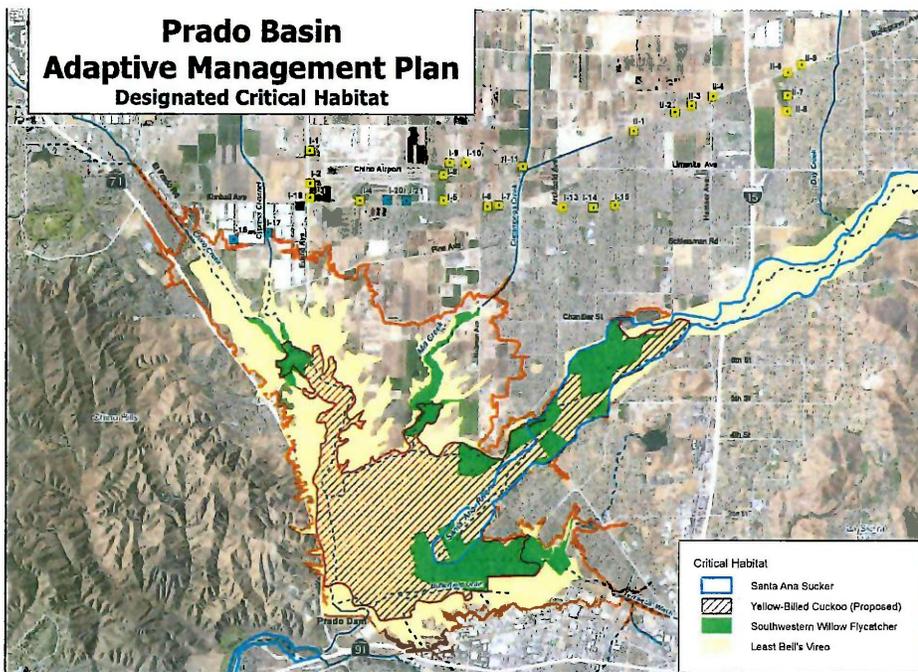
## Categories:



Basin Management



Habitat Conservation / Monitoring



The Prado Basin Adaptive Management Plan is an extensive monitoring program funded by Watermaster parties to analyze possible effects in the Prado habitat due to Basin management activities pursuant to the Peace II agreement.



# CONCLUSIONS

On June 28, 2018 the CBWM Board received and filed the second Annual Report of the Prado Basin Habitat Sustainability Committee. The report found no impact from the implementation of the Peace II Agreement in the Riparian habitat in the Prado Basin for the second consecutive year.

## Conclusions

The Chino Basin is a very important component of the Santa Ana River hydrology. The symbiotic relationship between these two water bodies is vital for the environmental and economic security of the region. Given the importance of this relationship, CBWM is committed to monitoring and participating in the various activities and issues within the Santa Ana River watershed.

The current happenings could decrease the flows to the river due to recycling and reuse water activities in the Upper Watershed, and could also have an adverse impact on water quality if nitrate objectives are changed.

CBWM will remain working closely with the regulatory agencies as we are committed to complying with our monitoring and reporting obligations with the highest quality and in a timely manner.

CBWM will continue to be an active participant in the activities performed in the watershed and will work cooperatively with the members of the region to ensure the best and most equitable use of our water resources.



Water Quality



Basin Management



Habitat Conservation / Monitoring



Storage and Conjunctive Use



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