

# CHINO BASIN WATERMASTER



## NOTICE OF MEETING

**Thursday, April 23, 2020**

11:00 a.m. – Watermaster Board Meeting

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

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

# **CHINO BASIN WATERMASTER**

**Thursday, April 23, 2020**

11:00 a.m. – Watermaster Board Meeting

***AGENDA***

**CHINO BASIN WATERMASTER  
WATERMASTER BOARD MEETING**

11:00 a.m. – April 23, 2020

*Mr. Jeff Pierson – Chair*

*Mr. Jim Curatalo – Vice-Chair*

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

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

OR

Conference Call: (646) 749-3122

Code: 190-352-077

**AGENDA**

**CALL TO ORDER**

**ROLL CALL**

**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 March 26, 2020

**B. FINANCIAL REPORTS**

Receive and file as presented:

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

**II. BUSINESS ITEMS**

**A. 2020 SAFE YIELD RECALCULATION**

Receive a presentation on the Safe Yield recalculation; and establish a special Watermaster Board meeting to consider the Safe Yield Reset recommendations.

**III. REPORTS/UPDATES**

**A. LEGAL COUNSEL REPORT**

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

**B. ENGINEER REPORT**

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

**C. CFO REPORT**

None

**D. GM REPORT**

1. Storage Management Plan
2. Storage Notice
3. 2020 OBMP Status
4. OBMP Implementation Plan Update
5. OAP Contest
6. Water Rights Permit Reporting/SB88 Compliance
7. FY 2019/20 Second Organization Performance Report
8. Work from Home Update
9. Other

**IV. INFORMATION**

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

**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. General Manager Performance Evaluation

**VIII. FUTURE MEETINGS AT WATERMASTER\***

4/21/20	Tue	1:00 p.m.	Fiscal Year 2020/21 Budget Workshop #1
4/23/20	Thu	11:00 a.m.	Watermaster Board
4/28/20	Tue	1:00 p.m.	Fiscal Year 2020/21 Budget Workshop #2
5/13/20	Wed	1:30 p.m.	Prado Basin Habitat Sustainability Committee (PBHSC)
5/14/20	Thu	9:00 a.m.	Appropriative Pool
5/14/20	Thu	11:00 a.m.	Non-Agricultural Pool
5/14/20	Thu	1:30 p.m.	Agricultural Pool
5/21/20	Thu	9:00 a.m.	Advisory Committee
5/28/20	Thu	11:00 a.m.	Watermaster Board

\*NOTE: Due to the stay-at-home orders related to COVID-19, all Watermaster meetings will be held remotely until further notice. Remote access to the open portions of the meetings will be provided with each meeting notice. Confidential session numbers will be provided directly to Board Members/Alternates separately.

**ADJOURNMENT**



# CHINO BASIN WATERMASTER

## I. CONSENT CALENDAR

### A. MINUTES

1. Board Meeting held on March 26, 2020

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

March 26, 2020

The Watermaster Board meeting was held via GoToMeeting (conference call and web meeting) only on March 26, 2020.

**WATERMASTER BOARD MEMBERS PRESENT ON CALL**

Jeff Pierson, Chair	Agricultural Pool – Crops
James Curatalo, Vice-Chair	Fontana Union Water Company
Bob Kuhn, Secretary/Treasurer	Three Valleys Municipal Water District
Steve Elie	Inland Empire Utilities Agency
Peter Rogers	City of Chino Hills
Don Galleano	Western Municipal Water District
Robert DeLoach	City of Pomona
Paul Hofer	Agricultural Pool – Crops
Bob Bowcock	CalMat Co.

**WATERMASTER STAFF PRESENT ON CALL**

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

**WATERMASTER STAFF PRESENT AT WATERMASTER**

Janine Wilson	Senior Accountant
Vanessa Aldaz	Administrative Assistant

**WATERMASTER CONSULTANTS PRESENT ON CALL**

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

**OTHERS PRESENT ON CALL**

Ron Craig	City of Chino Hills
Chris Berch	Jurupa Community Services District
Betty Anderson	Jurupa Community Services District
Chris Diggs	City of Pomona
David De Jesus	Three Valleys Municipal Water District
Justin Scott-Coe	Monte Vista Water District
Gino Filippi	Agricultural Pool – Crops
Sylvie Lee	Inland Empire Utilities Agency
Tracy Egoscue	Egoscue Law Group, Inc.
Pete Hall	State of California – CIM/CDCR
Shivaji Deshmukh	Inland Empire Utilities Agency
Richard Rees	Wood plc
Brian Geye	California Speedway Corporation
Christiana Daisy	Inland Empire Utilities Agency
Katie Gienger	City of Ontario
Kevin O'Toole	Orange County Water District
John Schatz	John J. Schatz, Attorney at Law
Praseetha Krishnan	Cucamonga Valley Water District
Randall Reed	Cucamonga Valley Water District

Eduardo Espinoza  
Bob Feenstra  
Ben Lewis  
Eunice Ulloa  
Victor Preciado  
Matt Litchfield

Cucamonga Valley Water District  
Agricultural Pool – Dairy  
Golden State Water Company  
City of Chino  
City of Pomona  
Three Valleys Municipal Water District

**CALL TO ORDER**

Chair Pierson called the Watermaster Board meeting to order at 11:00 a.m.

(0:02:59) Ms. Nelson conducted the roll call and announced that all Board members are present.

**PUBLIC COMMENTS**

None

**AGENDA - ADDITIONS/REORDER**

None

**I. CONSENT CALENDAR**

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

**A. MINUTES**

Approve as presented:

1. Minutes of the Watermaster Board Meeting held February 27, 2020

**B. FINANCIAL REPORTS**

Receive and file as presented:

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

**C. OBMP SEMI-ANNUAL STATUS REPORT 2019-2**

Adopt the Semi-Annual OBMP Status Report 2019-2, along with filing a copy with the Court, subject to any necessary non-substantive changes.

**D. SGMA REPORTING FOR WATER YEAR 2019**

Approve and direct staff to file the information/reports with the DWR.

**E. APPLICATION: WATER TRANSACTION**

Approve the proposed transaction:

The permanent transfer of 24.0 acre-feet of water from Southern Service Company dba Blue Seal Linen to ANG II (Multi) LLC. This is a permanent transfer based on transfer of land ownership by Grant Deed dated March 25, 2010. This transfer is contingent on ANG II (Multi) LLC’s successful intervention into the Overlying (Non-Agricultural) Pool. Date of Application: January 2, 2020.

**F. APPLICATION: WATER TRANSACTION**

Approve the proposed transaction:

The transfer of 24.0 acre-feet of Operating Safe Yield from ANG II (Multi) LLC to 9W Halo Western Opco, L.P. This transfer is contingent on ANG II (Multi) LLC's successful intervention into the Overlying (Non-Agricultural) Pool. Date of application: January 2, 2020.

**G. FISCAL YEAR 2019/20 EXHIBIT "G" PHYSICAL SOLUTION TRANSFERS**

1) Find that California Speedway Corporation is in compliance with the Restated Judgment, Exhibit "G" ¶19(g), authorizing 2019-2020 Exhibit "G" Physical Solution Transfers, 2) Approve levy of assessments and subsequent payments for same.

(0:10:01)

*Motion by Mr. Peter Rogers, seconded by Mr. Robert DeLoach, and by unanimous vote*

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

**II. BUSINESS ITEMS**

**A. WATERMASTER WORK CONTINUITY DURING NATIONWIDE RESPONSE TO COVID-19 PANDEMIC**

Discuss and, if necessary, provide direction to staff.

(0:10:49) Mr. Kavounas gave a report. Mr. John Schatz, legal counsel for the Appropriative Pool addressed the Board. A discussion ensued.

**B. NOTICE OF POTENTIAL STORAGE LIMITATION**

Authorize staff to issue the Notice.

(0:30:31) Mr. Kavounas gave a report. A discussion ensued.

(0:37:01)

*Motion by Vice-Chair Curatalo seconded by Mr. Steve Elie, and by unanimous vote.*

***Moved to approve Business Item II.B. as presented.***

**C. FIRST AMENDMENT TO TASK ORDER NO. 1 UNDER MASTER AGREEMENT REGARDING THE MANAGEMENT OF COLLABORATIVE PROJECTS (SALINITY MANAGEMENT)**

Approve the amendment to the Task Order as presented and authorize the General Manager to execute the agreement on behalf of Watermaster subject to any necessary non-substantive changes.

(0:37:41) Mr. Kavounas gave a report.

(0:39:30)

*Motion by Mr. Robert DeLoach seconded by Mr. Steve Elie, and by unanimous vote.*

***Moved to approve Business Item II.C. as presented.***

**III. REPORTS/UPDATES**

**A. LEGAL COUNSEL REPORT**

1. March 20, 2020 Hearing
2. Maintenance of Active Parties – Interventions

(0:40:45) Mr. Slater gave a report.

**B. ENGINEER REPORT**

1. 2020 Safe Yield Recalculation
2. Maximum Benefit Annual Report
3. PBHSC Activities – Scope and Budget for 2020/21
4. GLMC Activities – Scope and Budget for 2020/21

(0:45:04) Mr. Malone gave a report.

**C. CFO REPORT**

- 1. Fiscal Year 2020/21 Budget Schedule

(0:49:00) Mr. Joswiak gave a report.

**D. GM REPORT**

- 1. OBMP Implementation Plan Update
- 2. OAP Contest
- 3. Other

(0:51:10) Mr. Kavounas gave a report.

(0:53:46) Mr. Kavounas expressed appreciation for the Board’s patience as we adapt to remote meetings due to stay-at-home orders related to COVID-19. He encouraged Board Members to explore GoToMeeting and all its functionalities and stated that if this meeting format was not working, that we would continue to look for a format that works for everyone. He further stated that Watermaster will likely conduct business remotely until the end of May 2020. Mr. Kavounas then commented on the recent rain events indicating that’s a bit of good news amidst the current pandemic. He also reported that it is Director Galleano’s birthday and wished him well.

**IV. BOARD MEMBER COMMENTS**

(0:57:07) Vice-Chair Curatalo wished everyone and their families good health and happiness though these challenging times.

(0:57:35) Chair Pierson stated that he is very impressed with how the board meeting was conducted and is confident that even if remote meetings continued through May 2020, that all Watermaster business could continue without interruption.

**V. OTHER BUSINESS**

(0:58:17) Mr. Kavounas noted that the March 30, 2020 OBMP IPU & PPA Drafting Session #2, listed under Future Meetings, is being postponed as shown in the staff report for Business Item II.A.

**VI. 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.

None

**ADJOURNMENT**

Chair Pierson adjourned the Watermaster Board meeting at 11:59 a.m.

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

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

# CHINO BASIN WATERMASTER

## I. CONSENT CALENDAR

### B. FINANCIAL REPORTS

1. Cash Disbursements for the month of February 2020
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5. Budget vs. Actual Report for the Period July 1, 2019 through February 29, 2020
6. Cash Disbursements for March 2020 (Information Only)



# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: April 23, 2020  
TO: Board Members  
SUBJECT: Cash Disbursement Report - Financial Report B1 (February 29, 2020)  
(Consent Calendar Item I.B.1.)

### SUMMARY

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

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

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

### Future Consideration

**Watermaster Board – April 23, 2020:** Receive and File (Normal Course of Business)

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### ACTIONS:

**Appropriative Pool – April 9, 2020:** Received and filed

**Non-Agricultural Pool – April 9, 2020:** Moved unanimously to receive and file, without approval

**Agricultural Pool – April 9, 2020:** Received and filed

**Advisory Committee – April 16, 2020:** Received and filed

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

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

## BACKGROUND

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

## DISCUSSION

Total cash disbursements during the month of February 2020 were \$469,707.72.

The most significant expenditure during the month was to Wildermuth Environmental, Inc. in the amount of \$204,263.52 (check number 22009 dated February 21, 2020).

## ATTACHMENTS

1. Financial Report - B1



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

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	02/04/2020	21972	ACCENT COMPUTER SOLUTIONS, INC.	132993	1012 · Bank of America Gen'l Ckg	
Bill	02/01/2020	132993		Monthly service - February 2020	6052.4 · IT Managed Services	3,920.14
				Overwatch - February 2020	6052.5 · IT Data Backup/Storage	699.00
				Omni Cloud - February 2020	6052.5 · IT Data Backup/Storage	153.00
				Office 365 subscriptions / Business Premium - Feb	6052.4 · IT Managed Services	183.25
				Image Office Storage (per GB, per month)	6052.5 · IT Data Backup/Storage	652.40
TOTAL						5,607.79
Bill Pmt -Check	02/04/2020	21973	CHEF DAVE'S CATERING & EVENT SERVICES	10205	1012 · Bank of America Gen'l Ckg	
Bill	01/23/2020	10205		Lunch for 1/23/20 Watermaster Board meeting	6312 · Meeting Expenses	600.69
TOTAL						600.69
Bill Pmt -Check	02/04/2020	21974	OFFICE TEAM	55186075	1012 · Bank of America Gen'l Ckg	
Bill	01/17/2020	55186075		Week ending 1/17/2020	6017.2 · Office Specialist Services	672.00
TOTAL						672.00
Bill Pmt -Check	02/04/2020	21975	PRINTING RESOURCES	66297	1012 · Bank of America Gen'l Ckg	
Bill	01/24/2020	66297		Nameplates - Robert DeLoach, 2 Member plates	6031.7 · Other Office Supplies	88.16
TOTAL						88.16
Bill Pmt -Check	02/04/2020	21976	READY REFRESH BY NESTLE	0023230253	1012 · Bank of America Gen'l Ckg	
Bill	01/27/2020	0023230253		Office Water Bottle - January 2020	6031.7 · Other Office Supplies	84.13
TOTAL						84.13
Bill Pmt -Check	02/04/2020	21977	RR FRANCHISING, INC.	81714	1012 · Bank of America Gen'l Ckg	
Bill	01/27/2020	81714		Carpet cleaning January 4, 2020	6024 · Building Repair & Maintenance	600.00
TOTAL						600.00
Bill Pmt -Check	02/04/2020	21978	SPECTRUM BUSINESS	231978012320	1012 · Bank of America Gen'l Ckg	
Bill	01/29/2020	2031978012320		1/23/20-2/22/20	6053 · Internet Expense	800.86
TOTAL						800.86
Bill Pmt -Check	02/04/2020	21979	STAPLES BUSINESS ADVANTAGE	8057168318	1012 · Bank of America Gen'l Ckg	
Bill	01/18/2020	8057168318		Miscellaneous office supplies	6031.7 · Other Office Supplies	319.23
				Copy paper - special paper for OBMP newsletter	6031.1 · Copy Paper	193.93
TOTAL						513.16
Bill Pmt -Check	02/04/2020	21980	TOM DODSON & ASSOCIATES	CB271 20-1	1012 · Bank of America Gen'l Ckg	
Bill	01/24/2020	CB271 20-1		November 2019 - OBMP Update PEIR	6908.1 · 2020 OBMP Update-Dodson & Assoc	3,382.50

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

<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Paid Amount</u>
				December 2019 - OBMP Update PEIR	6908.1 · 2020 OBMP Update-Dodson & Assoc	19,865.00
				January 2020 - OBMP Update PEIR	6908.1 · 2020 OBMP Update-Dodson & Assoc	12,082.50
TOTAL						<u>35,330.00</u>
<b>Bill Pmt -Check</b>	<b>02/04/2020</b>	<b>21981</b>	<b>VISION SERVICE PLAN</b>	<b>00-101789-0001</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	01/19/2020	00101789		Vision Insurance Premium - February 2020	60182.2 · Dental & Vision Ins	93.83
TOTAL						<u>93.83</u>
<b>Bill Pmt -Check</b>	<b>02/04/2020</b>	<b>21982</b>	<b>YUKON DISPOSAL SERVICE</b>	<b>21136525395</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	02/01/2020	21136525395		February 2020	6024 · Building Repair & Maintenance	135.72
TOTAL						<u>135.72</u>
<b>Bill Pmt -Check</b>	<b>02/04/2020</b>	<b>ACH 020520</b>	<b>CALPERS</b>	<b>1394905143</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	01/14/2020	1394905143		Medical Insurance Premiums - February 2020	60182.1 · Medical Insurance	11,018.02
TOTAL						<u>11,018.02</u>
<b>Bill Pmt -Check</b>	<b>02/07/2020</b>	<b>21983</b>	<b>APPLIED COMPUTER TECHNOLOGIES</b>	<b>3134</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	01/31/2020	3134		Database Consulting - January 2020	6052.2 · Applied Computer Technol	4,229.00
TOTAL						<u>4,229.00</u>
<b>Bill Pmt -Check</b>	<b>02/07/2020</b>	<b>21984</b>	<b>BOWCOCK, ROBERT</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	01/07/2020	1/07 Admin Mtg		1/07/2020 Administrative meeting w/PK	6311 · Board Member Compensation	125.00
Bill	01/16/2020	1/16 Advisory Comm		1/16/2020 Advisory Committee meeting	6311 · Board Member Compensation	125.00
Bill	01/23/2020	1/23 Board Mtg		1/23/2020 Board meeting	6311 · Board Member Compensation	125.00
TOTAL						<u>375.00</u>
<b>Bill Pmt -Check</b>	<b>02/07/2020</b>	<b>21985</b>	<b>DE BOOM, NATHAN</b>	<b>Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	01/09/2020	1/09 Ag Pool Mtg		1/09/20 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				1/09/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						<u>125.00</u>
<b>Bill Pmt -Check</b>	<b>02/07/2020</b>	<b>21986</b>	<b>DE HAAN, HENRY</b>	<b>Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	01/09/2020	1/09 Ag Pool Mtg		1/09/20 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				1/09/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						<u>125.00</u>
<b>Bill Pmt -Check</b>	<b>02/07/2020</b>	<b>21987</b>	<b>EGOSCUE LAW GROUP, INC.</b>	<b>12620</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	01/31/2020	12620		Ag Pool Legal Services - January 2020	8467 · Ag Legal & Technical Services	17,550.00
TOTAL						<u>17,550.00</u>

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

<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Paid Amount</u>
Bill Pmt -Check	02/07/2020	21988	FEENSTRA, BOB	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	01/09/2020	1/09 Ag Pool Mtg		1/09/20 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				1/09/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	01/23/2020	1/23 Board Meeting		1/23/20 Board Meeting	8411 · Ag Pool Member Compensation	25.00
				1/23/20 Board Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						250.00
Bill Pmt -Check	02/07/2020	21989	FONTANA UNION WATER COMPANY'	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	01/07/2020	1/07 Admin Mtg		1/07/2020 Admin. Meeting w/GM - Curatalo	6311 · Board Member Compensation	125.00
Bill	01/23/2020	1/23 Board Mtg		1/23/2020 Board Meeting - Curatalo	6311 · Board Member Compensation	125.00
TOTAL						250.00
Bill Pmt -Check	02/07/2020	21990	GEYE, BRIAN	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	01/16/2020	1/16 RIPCom Mtg		1/16/20 RIPCom Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	02/07/2020	21991	HR DIRECT / GNEIL	INV8705790	1012 · Bank of America Gen'l Ckg	
Bill	01/31/2020	INV8705790		Poster guard protection for Federal HR Posters - 1	6031.7 · Other Office Supplies	94.81
TOTAL						94.81
Bill Pmt -Check	02/07/2020	21992	JOHN J. SCHATZ	Appropriative Pool Legal Services	1012 · Bank of America Gen'l Ckg	
Bill	01/31/2020			January 2020	8367 · Legal Service	9,550.00
				Third Party Expenses	8367 · Legal Service	3,820.00
TOTAL						13,370.00
Bill Pmt -Check	02/07/2020	21993	PREMIERE GLOBAL SERVICES	28933725	1012 · Bank of America Gen'l Ckg	
Bill	01/31/2020	28933725		Non-Ag Pool meeting call on 1/09	8512 · Meeting Expense	12.72
				SY discussion call on 1/21	6909.1 · OBMP Meetings	6.56
				SY discussion call on 1/21	6909.1 · OBMP Meetings	6.56
				Fee - General	6022 · Telephone	39.00
				Fee - Confidential	6022 · Telephone	39.00
				WM coordination call on 12/30	6909.1 · OBMP Meetings	6.56
				WM coordination call on 1/06	6909.1 · OBMP Meetings	22.19
				Pool meetings check call on 1/08	8312 · Meeting Expenses	24.15
				Pool meetings check call on 1/08	8412 · Meeting Expenses	24.15
				Pool meetings check call on 1/08	8512 · Meeting Expense	24.16
				Team chat call on 1/10	6909.1 · OBMP Meetings	22.32
				WM coordination call on 1/13	6909.1 · OBMP Meetings	6.58
				WM coordination call on 1/13	6909.1 · OBMP Meetings	33.83
				OBMPU team check call on 1/14	6909.1 · OBMP Meetings	24.28

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

Type	Date	Num	Name	Memo	Account	Paid Amount
				WM coordination call on 1/20	6909.1 · OBMP Meetings	23.14
				Board agenda preview call on 1/21	6312 · Meeting Expenses	13.42
				Board agenda preview call on 1/21	6312 · Meeting Expenses	8.91
				Board meeting check call on 1/22	6312 · Meeting Expenses	22.50
				Call Shortfalls	6022 · Telephone	78.00
				Service Fee	6022 · Telephone	33.02
TOTAL						471.05
<b>Bill Pmt -Check</b>	<b>02/07/2020</b>	<b>21994</b>	<b>PURCHASE POWER</b>	<b>8000-9090-0016-8851</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	01/30/2020	8000909000168851		Postage refill 1/14/2020	6042 · Postage - General	500.00
TOTAL						500.00
<b>Bill Pmt -Check</b>	<b>02/07/2020</b>	<b>21995</b>	<b>RR FRANCHISING, INC.</b>	<b>81961</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	02/01/2020	81961		February 2020	6024 · Building Repair & Maintenance	740.00
TOTAL						740.00
<b>Bill Pmt -Check</b>	<b>02/07/2020</b>	<b>21996</b>	<b>STAPLES BUSINESS ADVANTAGE</b>	<b>8057249480</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	01/25/2020	8057249480		Toner cartridge	6031.7 · Other Office Supplies	117.33
TOTAL						117.33
<b>Bill Pmt -Check</b>	<b>02/07/2020</b>	<b>21997</b>	<b>STATE COMPENSATION INSURANCE FUND</b>	<b>1970970-19</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	02/01/2020	1970970-19		Premium 1/26/20-2/26/20	60183 · Worker's Comp Insurance	532.75
TOTAL						532.75
<b>Bill Pmt -Check</b>	<b>02/07/2020</b>	<b>21998</b>	<b>TELLEZ-FOSTER, EDGAR</b>	<b>Employee Reimbursement</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	01/31/2020			Reimbursement for Ops staff meeting	6141.3 · Admin Meetings	92.10
TOTAL						92.10
<b>Bill Pmt -Check</b>	<b>02/07/2020</b>	<b>21999</b>	<b>UNION 76</b>	<b>7076-2245-3035-5049</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	01/31/2020	7076224530355049		January 2020	6175 · Vehicle Fuel	264.64
TOTAL						264.64
<b>Bill Pmt -Check</b>	<b>02/07/2020</b>	<b>22000</b>	<b>WESTERN MUNICIPAL WATER DISTRICT</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	01/23/2020	1/23 Board Mtg		1/23/2020 Board Meeting attendance - Galleano	6311 · Board Member Compensation	125.00
TOTAL						125.00
<b>General Journal</b>	<b>02/08/2020</b>	<b>02/08/2020</b>	<b>Payroll and Taxes for 01/26/20-02/08/20</b>	<b>Payroll and Taxes for 01/26/20-02/08/20</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
				Direct Deposits for 01/26/20-02/08/20	1012 · Bank of America Gen'l Ckg	30,339.01
				Payroll Taxes for 01/26/20-02/08/20	1012 · Bank of America Gen'l Ckg	10,089.39
			ICMA-RC	457(f) EE Deductions for 01/26/20-02/08/20	1012 · Bank of America Gen'l Ckg	5,415.08

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

Type	Date	Num	Name	Memo	Account	Paid Amount
			ICMA-RC	401(a) EE Deductions for 01/26/20-02/08/20	1012 · Bank of America Gen'l Ckg	1,466.59
TOTAL						47,310.07
Bill Pmt -Check	02/14/2020	ACH 021420	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	02/08/2020	02/08/2020	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 01/26/20-02/08/20	2000 · Accounts Payable	7,813.29
TOTAL						7,813.29
General Journal	02/14/2020	02/14/2020	ADP, LLC	ADP Tax Service for 12/14/19-549256233	1012 · Bank of America Gen'l Ckg	
				ADP Tax Service for 12/14/19-549256233	1012 · Bank of America Gen'l Ckg	149.45
				ADP Tax Service for 01/25/20-551491226	1012 · Bank of America Gen'l Ckg	155.50
TOTAL						304.95
Check	02/18/2020	02/18/2020	Service Charge	Service Charge	1012 · Bank of America Gen'l Ckg	
				Service Charge	6039.1 · Banking Service Charges	709.29
TOTAL						709.29
Bill Pmt -Check	02/20/2020	22001	ACWA JOINT POWERS INSURANCE AUTHORITY	0641312	1012 · Bank of America Gen'l Ckg	
Bill	02/11/2020	0641312		Prepayment - March 2020	1409 · Prepaid Life, BAD&D & LTD	230.24
				February 2020	60191 · Life & Disab.Ins Benefits	258.59
TOTAL						488.83
Bill Pmt -Check	02/20/2020	22002	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	01/31/2020	XXXX-XXXX-XXXX-9341		Windscreens for board room microphones	6031.7 · Other Office Supplies	37.95
				Software renewal	6054 · Computer Software	172.99
				Miscellaneous office supplies	6031.7 · Other Office Supplies	372.23
				Miscellaneous office supplies	6031.7 · Other Office Supplies	18.19
				Miscellaneous office supplies	6031.7 · Other Office Supplies	109.03
				Miscellaneous office supplies	6031.7 · Other Office Supplies	29.38
				UPS replacement battery	6055 · Computer Hardware	36.89
				Flowers sent to the family of Arnold Rodriguez	8312 · Meeting Expenses	110.71
				Miscellaneous office supplies	6031.7 · Other Office Supplies	10.42
				Lunch for Board officers/Pool chairs meeting	6312 · Meeting Expenses	45.31
				Lunch for Board officers/Pool chairs meeting	6312 · Meeting Expenses	19.84
				Miscellaneous office supplies	6031.7 · Other Office Supplies	47.42
				UPS replacement battery	6055 · Computer Hardware	50.38
				Pictures of board members & staff for website	6312 · Meeting Expenses	322.94
				Miscellaneous office supplies	6031.7 · Other Office Supplies	96.98
				Miscellaneous office supplies	6031.7 · Other Office Supplies	47.42
				Miscellaneous office supplies	6031.7 · Other Office Supplies	39.00
				Miscellaneous office supplies	6031.7 · Other Office Supplies	17.91

P1  
TOTAL

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

Type	Date	Num	Name	Memo	Account	Paid Amount
				Miscellaneous office supplies	6031.7 · Other Office Supplies	137.07
				PK meeting w/Bob Bowcock	6312 · Meeting Expenses	28.03
				Ops Staff monthly meeting	6141.3 · Admin Meetings	102.85
				15 year work anniv. clocks for Nakano & Yoo	6031.7 · Other Office Supplies	237.26
				PK meeting w/T. Oneill CDA	8312 · Meeting Expenses	29.00
				PK meeting w/K. Geinger	8312 · Meeting Expenses	19.63
				PK meeting w/C. Fealy, J. Bosler	8312 · Meeting Expenses	36.68
				PK meeting w/J. Scott-Coe	8312 · Meeting Expenses	40.75
TOTAL						<u>2,216.26</u>
<b>Bill Pmt -Check</b>	<b>02/20/2020</b>	<b>22003</b>	<b>CORELOGIC INFORMATION SOLUTIONS</b>	<b>82007293</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	01/31/2020	82007293		82007293	7103.7 · Grdwtr Qual-Computer Svc	62.50
				82007293	7101.4 · Prod Monitor-Computer	62.50
TOTAL						<u>125.00</u>
<b>Bill Pmt -Check</b>	<b>02/20/2020</b>	<b>22004</b>	<b>ELIE, STEVEN</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	01/23/2020	1/23 Board Mtg		1/23/20 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						<u>125.00</u>
<b>P12</b>						
<b>Bill Pmt -Check</b>	<b>02/20/2020</b>	<b>22005</b>	<b>FIRST LEGAL NETWORK LLC</b>	<b>40037077</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	01/31/2020	40037077		Court filing on 1/31/20	6061.5 · Court Filing Services	654.79
TOTAL						<u>654.79</u>
<b>Bill Pmt -Check</b>	<b>02/20/2020</b>	<b>22006</b>	<b>RAUCH COMMUNICATION CONSULTANTS, INC Jan-2004</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	01/31/2020	Jan-2004		AR42 - work completed through Dec. 31, 2019	6061.3 · Rauch	4,305.00
TOTAL						<u>4,305.00</u>
<b>Bill Pmt -Check</b>	<b>02/20/2020</b>	<b>22007</b>	<b>USA-FACT INC</b>	<b>20721</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	01/25/2020	20721		Background check -administrative assistant	6016 · New Employee Search Costs	249.67
TOTAL						<u>249.67</u>
<b>Bill Pmt -Check</b>	<b>02/20/2020</b>	<b>22008</b>	<b>VERIZON WIRELESS</b>	<b>9847683664</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	01/31/2020	9847683664		Acct #470810953-00001	6022 · Telephone	430.86
TOTAL						<u>430.86</u>
<b>Bill Pmt -Check</b>	<b>02/21/2020</b>	<b>22009</b>	<b>WILDERMUTH ENVIRONMENTAL INC</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	01/31/2020	2020000		2020000	6906.31 · OBMP-Pool, Adv. Board Mtgs	12,672.73
Bill	01/31/2020	2020001		2020001	6906.32 · OBMP-Other General Meetings	5,969.66
Bill	01/31/2020	2020002		2020002	6906.71 · OBMP-Data Req.-CBWM Staff	26,976.30
Bill	01/31/2020	2020003		2020003	6906.72 · OBMP-Data Req.-Non CBWM Staff	613.20

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

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	01/31/2020	2020004		2020004	6906.23 · SGMA Reporting Requirements	1,164.00
Bill	01/31/2020	2020005		2020005	6906 · OBMP Engineering Services	4,041.85
Bill	01/31/2020	2020006		2020006	6906.26 · 2020 OBMP Update	30,554.95
Bill	01/31/2020	2020007		2020007	6906.73 · OBMP-2020 Safe Yield Recalc	40,754.59
Bill	01/31/2020	2020008		2020008	6906.81 · Prepare Annual Reports	258.60
Bill	01/31/2020	2020009		2020009	6906.17 · Planning Study Analysis	5,934.50
Bill	01/31/2020	2020010		2020010	6906.16 · CBWEP-100% IEUA Cost	1,704.50
Bill	01/31/2020	2020011		2020011	7103.3 · Grdwtr Qual-Engineering	20,003.62
Bill	01/31/2020	2020012		2020012	7104.3 · Grdwtr Level-Engineering	11,442.92
Bill	01/31/2020	2020013		2020013	7107.2 · Grd Level-Engineering	1,727.21
Bill	01/31/2020	2020014		2020014	7108.31 · Hydraulic Control - PBHSP	21,097.05
Bill	01/31/2020	2020015		2020015	7202.2 · Engineering Svc	1,011.41
Bill	01/31/2020	2020016		2020016	7206.1 · SB88 Specs-Ensure Compliance	58.80
Bill	01/31/2020	2020017		2020017	7402 · PE4-Engineering	3,341.80
Bill	01/31/2020	2020018		2020018	7402.10 · PE4 - Northwest MZ1 Area Proj.	10,034.33
Bill	01/31/2020	2020019		2020019	7510 · PE6&7-IEUA Salinity Mgmt. Plan	770.50
Bill	01/31/2020	2020020		2020020	7511 · PE6&7-SAWBMPTask Force-50% IEU,	4,131.00
<b>TOTAL</b>						<b>204,263.52</b>
<b>P13</b>	General Journal	02/22/2020	02/22/2020	Payroll and Taxes for 02/09/20-02/22/20	Payroll and Taxes for 02/09/20-02/22/20	1012 · Bank of America Gen'l Ckg
				Direct Deposits for 02/09/20-02/22/20		1012 · Bank of America Gen'l Ckg
				Payroll Taxes for 02/09/20-02/22/20		1012 · Bank of America Gen'l Ckg
				Payroll Checks for 02/09/20-02/22/20		1012 · Bank of America Gen'l Ckg
				ICMA-RC	457(f) EE Deductions for 02/09/20-02/22/20	1012 · Bank of America Gen'l Ckg
				ICMA-RC	401(a) EE Deductions for 02/09/20-02/22/20	1012 · Bank of America Gen'l Ckg
<b>TOTAL</b>						<b>48,846.80</b>
Bill Pmt -Check	02/25/2020	22010	CUCAMONGA VALLEY WATER DISTRICT	Monthly Office Rent	1012 · Bank of America Gen'l Ckg	
Bill	02/18/2020			Lease due on March 1, 2020	1422 · Prepaid Rent	7,093.14
<b>TOTAL</b>						<b>7,093.14</b>
Bill Pmt -Check	02/25/2020	22011	FRONTIER COMMUNICATIONS	909-484-3890-050914-5	1012 · Bank of America Gen'l Ckg	
Bill	02/10/2020	90948438900509145		Office fax	6022 · Telephone	154.95
<b>TOTAL</b>						<b>154.95</b>
Bill Pmt -Check	02/25/2020	22012	GREAT AMERICA LEASING CORP.	26487894	1012 · Bank of America Gen'l Ckg	
Bill	02/20/2020	26487894		Invoice for January 2020 - standard payment	6043.1 · Ricoh Lease Fee	1,581.74
				Supply freight fee	6043.2 · Ricoh Usage & Maintenance Fee	8.57
				Usage for black images	6043.2 · Ricoh Usage & Maintenance Fee	46.59
<b>TOTAL</b>						<b>1,636.90</b>

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

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	02/25/2020	22013	HUITSING, JOHN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	01/09/2020	1/09 Ag Pool Mtg		1/09/20 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				1/09/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	<u>100.00</u>
TOTAL						125.00
Bill Pmt -Check	02/25/2020	22014	LEGAL SHIELD	111802	1012 · Bank of America Gen'l Ckg	
Bill	02/18/2020	111802		Employee deductions - February 2020	60194 · Other Employee Insurance	151.45
TOTAL						<u>151.45</u>
Bill Pmt -Check	02/25/2020	22015	LOEB & LOEB LLP	1872926	1012 · Bank of America Gen'l Ckg	
Bill	01/31/2020	1872926		Non-Ag Pool Legal Services - January 2020	8567 · Non-Ag Legal Service	3,959.10
TOTAL						<u>3,959.10</u>
Bill Pmt -Check	02/25/2020	22016	PIERSON, JEFFREY	Board and Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	01/03/2020	1/03 Admin Mtg		1/03/20 Administrative Meeting w/GM	6311 · Board Member Compensation	125.00
Bill	01/09/2020	1/09 Ag Pool Mtg		1/09/20 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				1/09/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
P14 Bill	01/16/2020	1/16 Advisory Comm		1/16/20 Advisory Committee Meeting	8411 · Ag Pool Member Compensation	25.00
				1/16/20 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	01/16/2020	1/16 RIPCom Mtg		1/16/20 RIPCom Meeting	8411 · Ag Pool Member Compensation	25.00
				1/16/20 RIPCom Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	01/21/2020	1/21 Board Exec Comm		1/21/20 Board Executive Committee conference call	6311 · Board Member Compensation	125.00
Bill	01/23/2020	1/23 Board Mtg		1/23/20 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						<u>750.00</u>
Bill Pmt -Check	02/25/2020	22017	PIETERSMA, RONALD	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	02/13/2020	2/13 Ag Pool Mtg		2/13/20 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				2/13/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						<u>125.00</u>
Bill Pmt -Check	02/25/2020	22018	PRINTING RESOURCES	Printing Services	1012 · Bank of America Gen'l Ckg	
Bill	02/13/2020	66322		Nameplates - Vanessa Aldaz	6031.7 · Other Office Supplies	30.60
Bill	02/13/2020	66323		Business cards - Vanessa Aldaz	6031.7 · Other Office Supplies	96.44
TOTAL						<u>127.04</u>
Bill Pmt -Check	02/25/2020	22019	STANDARD INSURANCE CO.	Policy # 00-649299-0009	1012 · Bank of America Gen'l Ckg	
Bill	02/21/2020	006492990009		Policy # 00-649299-0009	60191 · Life & Disab.Ins Benefits	891.13
TOTAL						<u>891.13</u>



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

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	02/25/2020	22020	STAPLES BUSINESS ADVANTAGE	8057424969	1012 · Bank of America Gen'l Ckg	
Bill	02/08/2020	8057414969		"Fee Exempt" stamp for court filings	6031.7 · Other Office Supplies	31.25
TOTAL						31.25
Bill Pmt -Check	02/25/2020	22021	STAULA, MARY L	Retiree Medical	1012 · Bank of America Gen'l Ckg	
Bill	02/29/2020			Retiree Medical	60182.4 · Retiree Medical	30.72
TOTAL						30.72
Bill Pmt -Check	02/25/2020	22022	THREE VALLEYS MUNICIPAL WATER DIST	LB617	1012 · Bank of America Gen'l Ckg	
Bill	02/10/2020	LB617		1/30/20 Leadership Breakfast - JJ, PK, JN	6193.2 · Conference - Registration Fee	75.00
TOTAL						75.00
Bill Pmt -Check	02/25/2020	22023	TOM DODSON & ASSOCIATES	CB271 20-2	1012 · Bank of America Gen'l Ckg	
Bill	01/31/2020	CB271 20-2		Jan. 16- Jan. 31, 2020 - OBMP Update PEIR	6908.1 · 2020 OBMP Update-Dodson & Assoc	24,765.90
TOTAL						24,765.90
Bill Pmt -Check	02/25/2020	22024	UNITED HEALTHCARE	052582722932	1012 · Bank of America Gen'l Ckg	
Bill	02/20/2020	052582722932		Dental Insurance Premium - March 2020	60182.2 · Dental & Vision Ins	683.11
TOTAL						683.11
Bill Pmt -Check	02/25/2020	22025	VANDEN HEUVEL, GEOFFREY	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	01/09/2020	1/09 Ag Pool Mtg		1/09/20 Ag Pool meeting	8411 · Ag Pool Member Compensation	25.00
				1/09/20 Ag Pool meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	01/31/2020	12/12/19 Ag Pool Mtg		12/12/19 Ag Pool meeting	8411 · Ag Pool Member Compensation	25.00
				12/12/19 Ag Pool meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	02/13/2020	2/13 Ag Pool Mtg		2/13/20 Ag Pool meeting	8411 · Ag Pool Member Compensation	25.00
				2/13/20 Ag Pool meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						375.00
Bill Pmt -Check	02/25/2020	22026	VERIZON WIRELESS	9848285136	1012 · Bank of America Gen'l Ckg	
Bill	02/21/2020	9848285136		Acct #642073270-00001	7103.7 · Grdwtr Qual-Computer Svc	110.06
TOTAL						110.06
Bill Pmt -Check	02/25/2020	ACH 022520	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
Bill	02/01/2020	15938414		Annual Unfunded Accrued Liability-Plan 3299	60180 · Employers PERS Expense	6,655.12
TOTAL						6,655.12
General Journal	02/27/2020	02/27/2020	ADP, LLC	ADP W-2's for 2019-552024064	1012 · Bank of America Gen'l Ckg	
				ADP W-2's for 2019-552024064	1012 · Bank of America Gen'l Ckg	57.75
TOTAL						57.75

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
February 2020

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	02/28/2020	ACH 022820	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	02/22/2020	02/22/2020	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 02/09/20-02/22/20	2000 · Accounts Payable	8,075.62
TOTAL						<u>8,075.62</u>
General Journal	02/29/2020	02/29/220	Wage Works FSA Direct Debits - Feb. 2020	Wage Works FSA Direct Debits - Feb. 2020	1012 · Bank of America Gen'l Ckg	
				Wage Works FSA Direct Debits - Feb. 2020	1012 · Bank of America Gen'l Ckg	516.93
				Wage Works FSA Direct Debits - Feb. 2020	1012 · Bank of America Gen'l Ckg	516.93
				Wage Works FSA Direct Debits - Feb. 2020	1012 · Bank of America Gen'l Ckg	76.25
TOTAL						<u>1,110.11</u>
					<b>Total Disbursements:</b>	<u><u>\$469,707.72</u></u>



# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: April 23, 2020  
TO: Board Members  
SUBJECT: VISA Check Detail Report - Financial Report B2 (February 29, 2020)  
(Consent Calendar Item I.B.2.)

### SUMMARY

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

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

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

### Future Consideration

**Watermaster Board – April 23, 2020:** Receive and File (Normal Course of Business)

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### ACTIONS:

**Appropriative Pool – April 9, 2020:** Received and filed

**Non-Agricultural Pool – April 9, 2020:** Moved unanimously to receive and file, without approval

**Agricultural Pool – April 9, 2020:** Received and filed

**Advisory Committee – April 16, 2020:** Received and filed

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

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

## BACKGROUND

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

## DISCUSSION

The total cash disbursements during the month of February 2020 was \$2,216.26. The payment was processed in the amount of \$2,216.26 (by check number 22002 dated February 20, 2020). The monthly charges for February 2020 of \$2,216.26 were for routine and customary expenditures and properly documented with receipts.

## ATTACHMENTS

1. Financial Report - B2

CHINO BASIN WATERMASTER  
VISA Check Detail Report  
February 2020

Type	Num	Date	Name	Memo	Account	Paid Amount
Bill Pmt -Check	02/20/2020	22002	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	01/31/2020	XXXX-XXXX-XXXX-9341		Windscreens for board room microphones	6031.7 · Other Office Supplies	37.95
				Software renewal	6054 · Computer Software	172.99
				Miscellaneous office supplies	6031.7 · Other Office Supplies	372.23
				Miscellaneous office supplies	6031.7 · Other Office Supplies	18.19
				Miscellaneous office supplies	6031.7 · Other Office Supplies	109.03
				Miscellaneous office supplies	6031.7 · Other Office Supplies	29.38
				UPS replacement battery	6055 · Computer Hardware	36.89
				Flowers sent to the family of Arnold Rodriguez	8312 · Meeting Expenses	110.71
				Miscellaneous office supplies	6031.7 · Other Office Supplies	10.42
				Lunch for Board officers/Pool chairs meeting	6312 · Meeting Expenses	45.31
				Lunch for Board officers/Pool chairs meeting	6312 · Meeting Expenses	19.84
				Miscellaneous office supplies	6031.7 · Other Office Supplies	47.42
				UPS replacement battery	6055 · Computer Hardware	50.38
				Pictures of board members & staff for website	6312 · Meeting Expenses	322.94
				Miscellaneous office supplies	6031.7 · Other Office Supplies	96.98
				Miscellaneous office supplies	6031.7 · Other Office Supplies	47.42
				Miscellaneous office supplies	6031.7 · Other Office Supplies	39.00
				Miscellaneous office supplies	6031.7 · Other Office Supplies	17.91
				Miscellaneous office supplies	6031.7 · Other Office Supplies	137.07
				PK meeting w/Bob Bowcock	6312 · Meeting Expenses	28.03
				Ops Staff monthly meeting	6141.3 · Admin Meetings	102.85
				15 year work anniv. clocks for Nakano & Yoo	6031.7 · Other Office Supplies	237.26
				PK meeting w/T. Oneill CDA	8312 · Meeting Expenses	29.00
				PK meeting w/K. Geinger	8312 · Meeting Expenses	19.63
				PK meeting w/C. Fealy, J. Bosler	8312 · Meeting Expenses	36.68
				PK meeting w/J. Scott-Coe	8312 · Meeting Expenses	40.75
TOTAL					<b>Total Disbursements:</b>	<b><u>\$2,216.26</u></b>

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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: April 23, 2020  
TO: Board Members  
SUBJECT: Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2019 through February 29, 2020 - Financial Report B3 (February 29, 2020)  
(Consent Calendar Item I.B.3.)

### SUMMARY

Issue: Record of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2019 through February 29, 2020.

Recommendation: Receive and file Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2019 through February 29, 2020 as presented.

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

Future Consideration  
Watermaster Board – April 23, 2020: Receive and File (Normal Course of Business)

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### ACTIONS:

Appropriative Pool – April 9, 2020: Received and filed  
Non-Agricultural Pool – April 9, 2020: Moved unanimously to receive and file, without approval  
Agricultural Pool – April 9, 2020: Received and filed  
Advisory Committee – April 16, 2020: Received and filed  
Watermaster Board – April 23, 2020:

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

## BACKGROUND

A Combining Schedule of Revenue, Expenses and Changes in Net Assets for the period July 1, 2019 through February 29, 2020 is provided to keep all members apprised of the FY 2019/20 cumulative Watermaster revenues, expenditures and changes in net assets for the period listed.

## DISCUSSION

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

## ATTACHMENTS:

1. Financial Report - B3

CHINO BASIN WATERMASTER  
 COMBINING SCHEDULE OF REVENUE, EXPENSES AND CHANGES IN NET ASSETS  
 FOR THE PERIOD JULY 1, 2019 THROUGH FEBRUARY 29, 2020

	WATERMASTER ADMINISTRATION	OPTIMUM BASIN MANAGEMENT	POOL ADMINISTRATION & SPECIAL PROJECTS			GROUNDWATER REPLENISHMENT	LAIF VALUE ADJ.	GASB 75 BEG. NET POSITION	GRAND TOTALS	AMENDED BUDGET 2019-2020
			APPROPRIATIVE POOL	AG POOL	NON-AG POOL					
<b>Administrative Revenues:</b>										
Administrative Assessments			8,030,143		364,536				8,394,678	8,395,297
Interest Revenue			82,524	6,053	632				89,210	75,124
Mutual Agency Project Revenue	171,905								171,905	171,906
Miscellaneous Income	67								67	0
<b>Total Revenues</b>	<b>171,972</b>	<b>-</b>	<b>8,112,667</b>	<b>6,053</b>	<b>365,168</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8,655,860</b>	<b>8,642,327</b>
<b>Administrative &amp; Project Expenditures:</b>										
Watermaster Administration	1,053,798								1,053,798	1,589,738
Watermaster Board-Advisory Committee	99,532								99,532	234,147
Ag Pool Misc. Expense - Ag Fund				-					-	400
Pool Administration			129,340	244,687	64,817				438,844	798,473
Optimum Basin Mgmt Administration		1,683,507							1,683,507	2,308,840
OBMP Project Costs		1,747,544							1,747,544	3,980,468
Debt Service		526,276							526,276	633,440
Basin Recharge Improvements		-							-	1,634,782
<b>Total Administrative/OBMP Expenses</b>	<b>1,153,330</b>	<b>3,957,327</b>	<b>129,340</b>	<b>244,687</b>	<b>64,817</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,549,501</b>	<b>11,180,288</b>
Net Administrative/OBMP Expenses	(981,358)	(3,957,327)								
Allocate Net Admin Expenses To Pools	981,358		739,071	212,183	30,104					
Allocate Net OBMP Expenses To Pools		3,431,051	2,622,740.22	741,839	66,472					
Allocate Debt Service to App Pool		526,276	526,276							
Allocate Basin Recharge to App Pool		-								
Agricultural Expense Transfer*			1,198,709	(1,198,709)						
<b>Total Expenses</b>			<b>5,216,136</b>	<b>-</b>	<b>161,393</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,549,501</b>	<b>11,180,288</b>
<b>Net Administrative Income</b>			<b>2,896,531</b>	<b>6,053</b>	<b>203,775</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,106,359</b>	<b>(2,537,961)</b>
<b>Other Income/(Expense)</b>										
Replenishment Water Assessments						1,059,430			1,059,430	0
Desalter Replenishment Obligation						61,942			61,942	0
Non-Ag Stored Water Purchases									-	0
Exhibit "G" Non-Ag Pool Water									-	0
RTS Charges from IEUA						(31,147)			(31,147)	0
Interest Revenue						3,016			3,016	0
MWD Water Purchases									-	0
Non-Ag Stored Water Purchases									-	0
Exhibit "G" Non-Ag Pool Water									-	0
MWD Water Purchases									-	0
Groundwater Replenishment						(1,413,794)			(1,413,794)	0
LAIF - Fair Market Value Adjustment									-	0
Other Post-Employment Benefits (OPEB)									-	0
Refund-Excess Reserves			(271,110)						(271,110)	0
Refund-Recharge Debt			(64,564)						(64,564)	0
Funding To/(From) Reserves									-	(225,500)
<b>Net Other Income/(Expense)</b>			<b>(335,674)</b>	<b>-</b>	<b>-</b>	<b>(320,554)</b>	<b>-</b>	<b>-</b>	<b>(656,229)</b>	<b>(225,500)</b>
<b>Net Transfers To/(From) Reserves</b>		<b>2,450,130</b>	<b>2,560,856</b>	<b>6,053</b>	<b>203,775</b>	<b>(320,554)</b>	<b>-</b>	<b>-</b>	<b>2,450,130</b>	<b>(2,312,461)</b>
<b>Net Assets, July 1, 2019</b>			<b>7,737,657</b>	<b>505,144</b>	<b>25,310</b>	<b>314,372</b>	<b>16,184</b>	<b>(443,445)</b>	<b>8,155,223</b>	
<b>Net Assets, End of Period</b>			<b>10,298,513</b>	<b>511,197</b>	<b>229,085</b>	<b>(6,182)</b>	<b>16,184</b>	<b>(443,445)</b>	<b>10,605,353</b>	<b>10,605,353</b>
<b>18/19 Assessable Production</b>			<b>75,114,142</b>	<b>21,785,871</b>	<b>3,860,993</b>				<b>100,761,006</b>	
<b>18/19 Production Percentages</b>			<b>74.547%</b>	<b>21.621%</b>	<b>3.832%</b>				<b>100.000%</b>	

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

N:\Administration\Meetings - Agendas & Minutes\2020\Staff Reports\04 - April\Board\20200423 - B3 Combining Schedule\_February 2020.xlsx\Jul2019-Feb2020

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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: April 23, 2020  
TO: Board Members  
SUBJECT: Treasurer's Report of Financial Affairs for the Period February 1, 2020 through February 29, 2020 - Financial Report B4 (February 29, 2020)  
(Consent Calendar Item I.B.4.)

### SUMMARY

Issue: Record of increases or decreases in the cash position, assets and liabilities of Watermaster for the Period of February 1, 2020 through February 29, 2020.

Recommendation: Receive and file Treasurer's Report of Financial Affairs for the Period February 1, 2020 through February 29, 2020 as presented.

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

### Future Consideration

**Watermaster Board – April 23, 2020:** Receive and File (Normal Course of Business)

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### ACTIONS:

**Appropriative Pool – April 9, 2020:** Received and filed

**Non-Agricultural Pool – April 9, 2020:** Moved unanimously to receive and file, without approval

**Agricultural Pool – April 9, 2020:** Received and filed

**Advisory Committee – April 16, 2020:** Received and filed

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

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

## BACKGROUND

A Treasurer's Report of Financial Affairs for the Period February 1, 2020 through February 29, 2020 is provided to keep all members apprised of the total cash in banks (Bank of America, LAIF, and CalTRUST); cash on deposit in trust with the County of San Bernardino as a result of the Cooperation and Reimbursement Agreement between Chino Basin Watermaster and County of San Bernardino dated May 25, 2017; and cash on hand at the Watermaster office (petty cash) at the end of the period stated. The Treasurer's Report details the change (increase or decrease) in the overall cash position of Watermaster, as well as the changes (increase or decrease) to the assets and liabilities section of the balance sheet. The report also provides a detailed listing of all deposits and/or withdrawals in the California State Treasurer's Local Agency Investment Fund (LAIF) and/or CalTRUST, the most current effective yield as of the last quarter, and the ending balance in LAIF as of the reporting date.

## DISCUSSION

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

## ATTACHMENTS

1. Financial Report - B4

**CHINO BASIN WATERMASTER  
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD  
FEBRUARY 1, 2020 THROUGH FEBRUARY 29, 2020**

Financial Report - B4

**DEPOSITORIES:**

Cash on Hand - Petty Cash			\$	500
Bank of America				
Governmental Checking-Demand Deposits	\$	78,885		
Zero Balance Account - Payroll		-		78,885
Trust Account - County of San Bernardino				845
Local Agency Investment Fund - Sacramento				12,265,879
<b>TOTAL CASH IN BANKS AND ON HAND</b>			<b>\$</b>	<b>12,346,109</b>
TOTAL CASH IN BANKS AND ON HAND				12,783,184
				<b>\$ (437,075)</b>

<b>PERIOD INCREASE (DECREASE)</b>			<b>\$</b>	<b>(437,075)</b>
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<b>CHANGE IN CASH POSITION DUE TO:</b>			\$	
Decrease/(Increase) in Assets: Accounts Receivable				3,568
Assessments Receivable				-
Prepaid Expenses, Deposits & Other Current Assets				171
(Decrease)/Increase in Liabilities: Accounts Payable				(17,978)
Accrued Payroll, Payroll Taxes & Other Current Liabilities				48,619
Long Term Liabilities				2,350
Transfer to/(from) Reserves				(473,805)
<b>PERIOD INCREASE (DECREASE)</b>			<b>\$</b>	<b>(437,075)</b>

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**SUMMARY OF FINANCIAL TRANSACTIONS:**

	Petty Cash	Gov't'l Checking Demand	Zero Balance Account Payroll	Trust Account County of San Bernardino	Local Agency Investment Funds	Totals
Balances as of 1/31/2020	\$ 500	\$ 515,960	\$ -	\$ 845	\$ 12,265,879	\$ 12,783,184
Deposits	-	32,633	-	-	-	32,633
Transfers	-	(131,901)	(82,756)	-	-	(214,657)
Withdrawals/Checks	-	(337,807)	82,756	-	-	(255,050)
<b>Balances as of 2/29/2020</b>	<b>\$ 500</b>	<b>\$ 78,885</b>	<b>\$ -</b>	<b>\$ 845</b>	<b>\$ 12,265,879</b>	<b>\$ 12,346,109</b>
<b>PERIOD INCREASE OR (DECREASE)</b>	<b>\$ -</b>	<b>\$ (437,075)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (437,075)</b>

**CHINO BASIN WATERMASTER  
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD  
FEBRUARY 1, 2020 THROUGH FEBRUARY 29, 2020**

**INVESTMENT TRANSACTIONS**

Effective Date	Transaction	Depository	Activity	Redeemed	Days to Maturity	Interest Rate(*)	Maturity Yield
			-				
			-				
<b>TOTAL INVESTMENT TRANSACTIONS</b>			<b>\$ -</b>	<b>\$0</b>			

\* The earnings rate for L.A.I.F. is a daily variable rate; 2.29% was the effective yield rate at the Quarter ended December 31, 2019.

**INVESTMENT STATUS  
February 29, 2020**

<u>Financial Institution</u>	<u>Principal Amount</u>	<u>Number of Days</u>	<u>Interest Rate</u>	<u>Maturity Date</u>
Local Agency Investment Fund	\$ 12,265,879			
<b>TOTAL INVESTMENTS</b>	<b>\$ 12,265,879</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

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: April 23, 2020

TO: Board Members

SUBJECT: Budget vs. Actual Report for the Period July 1, 2019 through February 29, 2020 -  
Financial Report B5 (February 29, 2020)  
(Consent Calendar Item I.B.5.)

### SUMMARY

Issue: Record of revenues and expenses of Watermaster for the Period of July 1, 2019 through February 29, 2020.

Recommendation: Receive and file Budget vs. Actual Report for the Period July 1, 2019 through February 29, 2020 as presented.

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

### Future Consideration

**Watermaster Board – April 23, 2020:** Receive and File (Normal Course of Business)

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### ACTIONS:

**Appropriative Pool – April 9, 2020:** Received and filed

**Non-Agricultural Pool – April 9, 2020:** Moved unanimously to receive and file, without approval

**Agricultural Pool – April 9, 2020:** Received and filed

**Advisory Committee – April 16, 2020:** Received and filed

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

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

## BACKGROUND

A Budget vs. Actual Report for the period July 1, 2019 through February 29, 2020 is provided to keep all members apprised of the total revenues and expenses for the current fiscal year. The expense section is categorized into four distinct sections. Those sections are: General and Administrative Expenses; Optimum Basin Management Program Expenses; Project Expenses; and Other Income/Expenses. The Budget vs. Actual report has been created from Intuit QuickBooks Enterprise Solutions 18.0, the Watermaster accounting system. The Budget vs. Actual report provided, balances to the supporting documentation in the Watermaster accounting system, as well as the supporting bank statements.

## DISCUSSION

### CURRENT MONTH – FEBRUARY 2020

Year-To-Date (YTD) for the eight months ending February 29, 2020, all but one category was at or below the projected budget. The category over budget was: (1) Watermaster Legal Services expenses (6070's) over budget by \$4,329 or 2.2% as a result of ongoing legal services compared to the Y-T-D budget in the miscellaneous category of (6078) over the last eight months. As of February 29, 2020, the total (YTD) Watermaster Legal Services expenses (consolidating the three categories of Watermaster Administrative Legal Services, Pool/Advisory/Board Meeting legal expenses, and OBMP legal expenses) were \$161,631 or 24.1% below the (YTD) budgeted amount of \$670,195. For the majority of the expense categories within the Watermaster budget for FY 2019/20, the individual line-item budgets are divided into 12-monthly amounts and allocated accordingly. As the fiscal year progresses, the category listed above could level out over time and be within the budget levels.

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

Overall, the Watermaster (YTD) Actual Expenses were \$3,408,729 or 38.7% below the (YTD) Budgeted Expenses of \$8,907,135.

### PREVIOUSLY REPORTED ACTIONS (Descending Order)

December 2019:

The Budget Amendment Form A-19-12-01 was approved unanimously by the Board on December 19, 2019. For the accounting month of December 2019, Budget Amendment Form A-19-12-01 was recorded in the amount of \$225,500 under the 2020 OBMP Update - Dodson & Associates expenses (account 6908.1). The additional funding of \$225,500 came from the OBMP Reserve Fund which had an available balance of \$908,044. The new available balance of the OBMP Reserve Fund is now \$682,544 (\$908,044 - \$225,500 = \$682,544). With the addition of the \$225,500 from Budget Amendment Form A-19-12-01, the

Approved "Amended" Budget for FY 2019/20 was increased from \$10,954,787.70 to \$11,180,287.70 (which includes the additional "Carry Over" funding of \$2,312,460.70).

August 2019:

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

July 2019:

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

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

## SALARIES EXPENSE

### CURRENT MONTH – FEBRUARY 2020

As of February 29, 2020, the total (YTD) Watermaster salary expenses were \$73,511 or 5.4% below the (YTD) budgeted amount of \$1,356,921. The overall staffing budget was developed with a staffing level of ten Full-Time Equivalents (FTE's), and staffing is currently at ten Full-Time Equivalents (FTE's).

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

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

The table summarizes the Year-To-Date (YTD) Actual Watermaster salary costs compared to the Year-To-Date (YTD) Budget as of February 29, 2020. Please be advised that the "\$ Over Budget" and the "% of Budget" columns are a comparison of the (YTD) Actual to the (YTD) Budget, not the 12-month Annual Budget. The 12-month Annual Budget column is presented only to provide the data in a full and complete format. The following details are provided:

	<u>Jul '19 - Feb '20</u> <u>Actual</u>	<u>Jul '19 - Feb '20</u> <u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>	<u>FY 2019/20</u> <u>Annual Budget</u>
<b>WM Salary Expense</b>					
6011 · WM Staff Salaries	699,806.98	726,006.00	-26,199.02	96.39%	1,084,836.00
6011.1 · WM Staff Salaries - Overtime	11,709.61	0.00	11,709.61	100.0%	0.00
6011.4 · 457(f) NQDC Plan	22,217.08	25,685.00	-3,467.92	86.5%	38,528.00
6017 · Temporary Services	1,128.64	14,000.00	-12,871.36	8.06%	21,000.00
6201 · Advisory Committee - WM Staff Salaries	14,430.56	18,337.00	-3,906.44	78.7%	27,400.00
6301 · Watermaster Board - WM Staff Salaries	25,233.47	29,285.00	-4,051.53	86.17%	43,759.00
8301 · Appropriative Pool - WM Staff Salaries	25,968.41	27,193.00	-1,224.59	95.5%	40,634.00
8401 · Agricultural Pool - WM Staff Salaries	16,257.64	23,080.00	-6,822.36	70.44%	34,488.00
8501 · Non-Agricultural Pool - WM Staff Salaries	13,764.18	15,811.00	-2,046.82	87.05%	23,626.00
6901 · OBMP - WM Staff Salaries	161,493.46	84,564.00	76,929.46	190.97%	126,360.00
7101.1 · Production Monitor - WM Staff Salaries	43,976.77	51,727.00	-7,750.23	85.02%	77,293.00
7102.1 · In-line Meter - WM Staff Salaries	0.00	11,362.00	-11,362.00	0.0%	16,978.00
7103.1 · Grdwater Quality - WM Staff Salaries	37,838.79	38,584.00	-745.21	98.07%	57,654.00
7104.1 · Grdwater Level - WM Staff Salaries	43,658.66	39,430.00	4,228.66	110.72%	58,918.00
7107.1 · GrdLevel Monitoring - WM Staff Salarie	711.20	4,061.00	-3,349.80	17.51%	6,072.00
7108.1 · Hydraulic Control - WM Staff Salaries	572.89	2,747.00	-2,174.11	20.86%	4,104.00
7108.11 · Prado Basin - WM Staff Salaries	399.02	4,017.00	-3,617.98	9.93%	6,003.00
7201 · Comp Recharge - WM Staff Salaries	31,563.81	41,394.00	-9,830.19	76.25%	61,853.00
7301 · PE3&5 - WM Staff Salaries	199.52	11,520.00	-11,320.48	1.73%	17,214.00
7401 · PE4 - WM Staff Salaries	3,187.99	7,055.00	-3,867.01	45.19%	10,541.00
7501 · PE6&7 - WM Staff Salaries	1,024.82	3,795.00	-2,770.18	27.0%	5,671.00
7501.1 · PE 6&7 - WM Staff Salaries (Plume)	0.00	3,624.00	-3,624.00	0.0%	5,415.00
7601 · PE8&9 - WM Staff Salaries	9,740.04	15,271.00	-5,530.96	63.78%	22,818.00
<b>Subtotal WM Staff Costs</b>	<b>1,164,883.54</b>	<b>1,198,548.00</b>	<b>-33,664.46</b>	<b>97.19%</b>	<b>1,791,165.00</b>
60185 · Vacation	45,323.82	54,803.00	-9,479.18	82.7%	82,204.00
60186 · Sick Leave	15,442.92	37,662.00	-22,219.08	41.0%	56,493.00
60187 · Holidays	57,759.33	65,908.00	-8,148.67	87.64%	70,615.00
<b>Subtotal WM Paid Leaves</b>	<b>118,526.07</b>	<b>158,373.00</b>	<b>-39,846.93</b>	<b>74.84%</b>	<b>209,312.00</b>
<b>Total WM Salary Costs</b>	<b>1,283,409.61</b>	<b>1,356,921.00</b>	<b>-73,511.39</b>	<b>94.58%</b>	<b>2,000,477.00</b>

PREVIOUSLY REPORTED ACTIONS (Descending Order)

January 2020:

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

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

LEGAL SERVICES  
BROWNSTEIN HYATT FARBER SCHRECK EXPENSES

CURRENT MONTH – FEBRUARY 2020



As of February 29, 2020, the total (YTD) Watermaster Legal Services expenses (consolidating the three categories of Watermaster Administrative Legal Services, Pool/Advisory/Board Meeting legal expenses, and OBMP legal expenses) were \$161,631 or 24.1% below the (YTD) budgeted amount of \$670,195.

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

WATERMASTER ADMINISTRATIVE LEGAL SERVICES:

Overall, the Watermaster Administrative Legal Services expense (6070's) as of February 29, 2020, was \$4,329 or 2.2% above the budgeted amount of \$200,260. The specific items within the Administrative Legal Services expenses (6070's) which were over budget were the Rules and Regulations (6072) which were over budget by \$1,441 or 20.0%; the Miscellaneous (6078) which were over budget by \$115,802 or 180.4%; and the Ely Basin Investigation (6078.25) which were over budget by \$1,975 or 100%. Please see Note 1 on the following page for a more detailed explanation of the miscellaneous types of expenses (6078).

The specific items within the Administrative Legal Services expenses (6070's) which were under budget were the expenses for Court Coordination expenses (6072) under budget by \$21,676 or 84.9%; Personnel Matters (6073) under budget by \$2,342 or 23.7%; Interagency Issues (6074) under budget by \$23,760 or 100.0%; Party Status Maintenance expenses (6077) under budget by \$12,500 or 100.0%; and Assessment Packages-Updates (6078.13) under budget by \$54,611 or 95.6%.

WATERMASTER POOLS, ADVISORY AND BOARD LEGAL SERVICES:

The Pools, Advisory Committee and the Board meeting legal expenses from BHFS are captured by month within the accounts (6275, 6375, 6375.1, 8375, 8475 and 8575). The legal service costs associated with the Board Workshop(s) are also included as part of this group. Overall, this category of legal expenses as of February 29, 2020 was \$57,644 or 45.4% below the budgeted amount of \$127,013. Normal Brownstein Hyatt Farber Schreck meeting attendance during any given month includes attendance at all three pool meetings, one Advisory Committee meeting and one Board meeting. For the month of August 2019, no Watermaster meetings were held. The legal services budget was developed with the assumption of having eleven months of meetings, intentionally excluding the month of December 2019. For December 2019, meetings were conducted during the month.

OBMP LEGAL SERVICES:

The OBMP legal expenses (accounts 6907.31 through 6907.90) were below the budget for the month. As of February 29, 2020, the category of OBMP legal expenses were \$108,315 or 31.6% below the budgeted amount of \$342,922. The majority of expenses within this OBMP category were under budget (YTD), however, the Santa Ana River Water Rights expenses (6907.34) were over budget by \$840 or 7.7%; the OBMP Update expenses (6907.45) were over budget by \$108,173 or 150.0%; and the Upper SAR Integrated Model expenses (6907.46) were over budget by \$178 or 100%.

The table listed below summarizes the Brownstein Hyatt Farber Schreck (BHFS) expenses as of February 29, 2020 compared to the Year-To-Date (YTD) budget. Please be advised that the "\$ Over Budget" and the "% of Budget" columns are a comparison of the (YTD) Actual to the (YTD) Budget, not the 12-month Annual Budget. The 12-month Annual Budget column is presented only to provide the data in a full and complete format. The following details are provided:

	Jul '19 - Feb '20 Actual	Jul '19 - Feb '20 Budget	\$ Over Budget	% of Budget	FY 2019/20 Annual Budget
<b>6070 · Watermaster Legal Services</b>					
6071 · BHFS Legal - Court Coordination	3,856.95	25,533.00	-21,676.05	15.11%	38,300.00
6072 · BHFS Legal - Rules & Regulations	8,658.12	7,217.00	1,441.12	119.97%	10,825.00
6073 · BHFS Legal - Personnel Matters	7,557.75	9,900.00	-2,342.25	76.34%	9,900.00
6074 · BHFS Legal - Interagency Issues	0.00	23,760.00	-23,760.00	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	0.00	12,500.00	-12,500.00	0.0%	18,750.00
6078 · BHFS Legal - Miscellaneous (Note 1)	180,001.97	64,200.00	115,801.97	280.38%	95,550.00
6078.13 · BHFS - Assessment Packages-Updates	2,539.35	57,150.00	-54,610.65	4.44%	57,150.00
6078.25 · BHFS - Ely # Basin Investigation	1,974.60	0.00	1,974.60	100.0%	0.00
<b>Total 6070 · Watermaster Legal Services</b>	<b>204,588.74</b>	<b>200,260.00</b>	<b>4,328.74</b>	<b>102.16%</b>	<b>266,115.00</b>
6275 · BHFS Legal - Advisory Committee	7,007.66	13,860.00	-6,852.34	50.56%	21,780.00
6375 · BHFS Legal - Board Meeting	29,138.78	49,140.00	-20,001.22	59.3%	77,220.00
6375.1 · BHFS Legal - Board Workshop(s)	0.00	12,038.00	-12,038.00	0.0%	12,038.00
8375 · BHFS Legal - Appropriative Pool	11,105.34	17,325.00	-6,219.66	64.1%	27,225.00
8475 · BHFS Legal - Agricultural Pool	11,083.37	17,325.00	-6,241.63	63.97%	27,225.00
8575 · BHFS Legal - Non-Ag Pool	11,033.85	17,325.00	-6,291.15	63.69%	27,225.00
<b>Total BHFS Legal Services</b>	<b>69,369.00</b>	<b>127,013.00</b>	<b>-57,644.00</b>	<b>54.62%</b>	<b>192,713.00</b>
<b>6907.3 · WM Legal Counsel</b>					
6907.31 · Archibald South Plume	0.00	8,749.00	-8,749.00	0.0%	13,125.00
6907.32 · Chino Airport Plume	0.00	8,749.00	-8,749.00	0.0%	13,125.00
6907.33 · Desalter/Hydraulic Control	89.10	15,749.00	-15,659.90	0.57%	23,625.00
6907.34 · Santa Ana River Water Rights	11,691.00	10,851.00	840.00	107.74%	16,275.00
6907.36 · Santa Ana River Habitat	3,048.30	31,566.00	-28,517.70	9.66%	47,350.00
6907.38 · Reg. Water Quality Cntrl Board	623.70	18,366.00	-17,742.30	3.4%	27,550.00
6907.39 · Recharge Master Plan	5,393.28	14,467.00	-9,073.72	37.28%	21,700.00
6907.40 · Storage Agreements	0.00	22,268.00	-22,268.00	0.0%	33,400.00
6907.41 · Prado Basin Habitat Sustainability	712.80	10,834.00	-10,121.20	6.58%	16,250.00
6907.42 · Safe Yield Recalculation	0.00	0.00	0.00	0.0%	0.00
6907.44 · SGMA Compliance	801.90	7,234.00	-6,432.10	11.09%	10,850.00
6907.45 · OBMP Update	180,304.82	72,132.00	108,172.82	249.97%	108,200.00
6907.46 · Upper SAR Integrated Model	178.20	0.00	178.20	100.0%	0.00
6907.47 · 2020 Safe Yield Reset	31,763.43	72,132.00	-40,368.57	44.04%	108,200.00
6907.48 · Ely Basin Investigation	0.00	28,525.00	-28,525.00	0.0%	28,525.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	21,300.00	-21,300.00	0.0%	31,950.00
<b>Total 6907 · WM Legal Counsel</b>	<b>234,606.53</b>	<b>342,922.00</b>	<b>-108,315.47</b>	<b>68.41%</b>	<b>500,125.00</b>
<b>Total Brownstein, Hyatt, Farber, Schreck Costs</b>	<b>508,564.27</b>	<b>670,195.00</b>	<b>-161,630.73</b>	<b>75.88%</b>	<b>958,953.00</b>

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

**PREVIOUSLY REPORTED ACTIONS (Descending Order)**

None

**OBMP ENGINEERING SERVICES AND LEGAL COSTS**

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

CURRENT MONTH – FEBRUARY 2020

Reviewing in total the OBMP Engineering Services and Legal Costs (consolidating the five categories of OBMP Watermaster Staff and SAWPA, OBMP Engineering Services, OBMP Legal Costs, OBMP Update Costs, and OBMP Other Expenses) for the eight months ending February 29, 2020, the actual expenses of \$1,570,111 were below the budgeted amount of \$1,681,450 by \$111,339 or 6.6%. For a detailed discussion, the following is provided.

For February 29, 2020, the accounts 6901-6903 (Optimum Basin Mgmt. Program) section was above the Year-To-Date (YTD) budget by \$65,569 or 59.1%. Watermaster utilizes an in-house database time and attendance system to record and document staff's actual hours worked and also allocates those hours to a specific project or activity. Watermaster staff time could be charged to Administrative, OBMP, or Implementation Project categories. Recently, Watermaster staff spent more time on specific OBMP related areas as budgeted. As a result, Watermaster staff allocated more actual time to the OBMP project as budgeted, which resulted in an over-budget variance of \$76,929 or 91.0%. The remaining expense was the Santa Ana Watershed Project Authority (SAWPA) FY 2019/20 Basin Monitoring Program Task Force Contribution which was budgeted at \$26,392 and actual expenses were \$11,360 or 43.1% below budget as of February 29, 2020.

For February 29, 2020, the accounts 6906 (Optimum Basin Mgmt. Program Engineering Services) section was above the Year-To-Date (YTD) budget by \$61,853 or 6.2%. The majority of expenses within this OBMP category were under budget (YTD), however, the accounts which were over budget were as follows: the 2019 OBMP Update expenses (6906.26) which were over budget by \$90,798 or 25.8%; the OBMP Data Requests - CBWM Staff expenses (6906.71) which were over budget by \$15,873 or 18.8%; and the OBMP-Safe Yield Recalculation expenses (6906.73) which were over budget by \$104,079 or 48.1%.

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 \$109,191 while some other line item activities were below the budget by \$217,506. Above the budget line item were the Santa Ana River Water Rights expenses of \$840; the OBMP Update expenses of \$108,173; and the Upper SAR Integrated Model expenses of \$178. The individual legal projects/activities that were below budget for the Year-To-Date (YTD) period were the Archibald South Plume of \$8,749; the Chino Airport Plume of \$8,749; the Desalter/Hydraulic Control of \$15,660; Santa Ana River Habitat of \$28,518; the Regional Water Quality Control Board of \$17,742; the Recharge Master Plan expenses of \$9,074; Storage Agreements of \$22,268; the Prado Basin Habitat Sustainability of \$10,121; SGMA Compliance of \$6,432; the 2020 Safe Yield Reset of \$40,368; the Ely Basin Investigation expenses of \$28,525; and the WM Unanticipated legal expenses of \$21,300. For the eight months ended February 29, 2020, the overall cumulative (YTD) budget was \$342,922 and the actual (BHFS) legal expenses totaled \$234,607 which resulted in an under-budget variance of \$108,315 or 31.6%.

The OBMP Update Costs (6908.1) were below the budget for the month. These expenses relate to the OBMP Update costs for the contract between Tom Dodson and Associates and CBWM to procure environmental review services for the 2020 OBMP Update. This budget was funded through Budget Amendment A-19-12-01 in the amount of \$225,500. Budget Amendment A-19-12-01 was adopted by the Board on December 19, 2019. As of February 29, 2020, this category of expenses was \$130,755 or 58.0% below the budgeted amount of \$225,500.

The OBMP Other Expenses (6909's) were below the budget for the month. These expenses are typically conference calls, meeting expenses, supplies, annual inspection fees, and other miscellaneous type expenses. As of February 29, 2020, this category of expenses was \$309 or 4.0% below the budgeted amount of \$7,750.

Overall, the Optimum Basin Management Program (OBMP) category was \$1,570,111 compared to a (YTD) budget of \$1,681,450 for an under budget of \$111,339 or 6.6% as of February 29, 2020.

The table listed below summarizes the Optimum Basin Management Program (OBMP) expenses as of February 29, 2020 compared to the Year-To-Date (YTD) budget. Please be advised that the "\$ Over Budget" and the "% of Budget" columns are a comparison of the (YTD) Actual to the (YTD) Budget, not the 12-month Annual Budget. The 12-month Annual Budget column is presented only to provide the data in a full and complete format. The following details are provided:

	Jul '19 - Feb '20 Actual	Jul '19 - Feb '20 Budget	\$ Over Budget	% of Budget	FY 2019/20 Annual Budget
<b>6900 · Optimum Basin Mgmt Plan</b>					
6901 · WM Staff Salaries	161,493.46	84,564.00	76,929.46	190.97%	126,360.00
6903 · OBMP SAWPA Group	15,032.00	26,392.00	-11,360.00	56.96%	26,392.00
<b>Total 6901-6903 · OBMP WM Staff/SAWPA</b>	<b>176,525.46</b>	<b>110,956.00</b>	<b>65,569.46</b>	<b>159.1%</b>	<b>152,752.00</b>
<b>6906 · OBMP Engineering Services</b>					
6906.1 · OBMP - Watermaster Model Update	1,541.70	4,280.00	-2,738.30	36.02%	4,280.00
6906.15 · Integrated Model Mtgs. - IEUA Costs	5,841.10	13,920.00	-8,078.90	41.96%	20,880.00
6906.17 · Planning Study Analysis	5,934.50	7,884.00	-1,949.50	75.27%	11,826.00
6906.18 · Prado Dam FS/EIS/EIR-50% IEUA	0.00	12,372.00	-12,372.00	0.0%	18,560.00
6906.21 · State of the Basin Report	0.00	0.00	0.00	0.0%	0.00
6906.22 · Water Rights Compliance Reporting	11,386.55	13,776.00	-2,389.45	82.66%	20,664.00
6906.23 · SGMA Reporting Requirements	6,522.60	9,060.00	-2,537.40	71.99%	13,590.00
6906.24 · Compliance - SB88 and SWRCB	1,595.20	5,628.00	-4,032.80	28.34%	8,444.00
6906.26 · 2019 OBMP Update	442,061.69	351,264.00	90,797.69	125.85%	388,896.00
6906.27 · HCP Meetings/Tech. Review-IEUA Cost	0.00	10,086.00	-10,086.00	0.0%	15,130.00
6906.28 · Agriculture Prod. & Estimation	1,664.40	15,480.00	-13,815.60	10.75%	23,220.00
6906.31 · OBMP - Pool, Advisory, Board Mtgs.	57,478.72	68,916.00	-11,437.28	83.4%	103,374.00
6906.32 · OBMP - Other General Meetings	46,002.64	56,569.00	-10,566.36	81.32%	84,853.00
6906.71 · OBMP - Data Requests - CBWM Staff	100,516.20	84,643.00	15,873.20	118.75%	126,964.00
6906.72 · OBMP - Data Requests - Non CBWM	20,951.99	33,987.00	-13,035.01	61.65%	50,980.00
6906.73 · OBMP - Safe Yield Recalculation	320,483.07	216,404.00	104,079.07	148.1%	276,608.00
6906.74 · OBMP - Mat'l Phy. Injury Requests	11,328.60	49,985.00	-38,656.40	22.66%	74,977.00
6906.81 · Prepare Annual Reports	9,796.30	15,416.00	-5,619.70	63.55%	15,416.00
6906 · OBMP Engineering Services - Other	13,069.35	24,652.00	-11,582.65	53.02%	36,976.00
<b>Total 6906 · OBMP Engineering Services</b>	<b>1,056,174.61</b>	<b>994,322.00</b>	<b>61,852.61</b>	<b>106.22%</b>	<b>1,295,638.00</b>
<b>6907 · OBMP Legal Fees</b>					
<b>6907.3 · WM Legal Counsel</b>					
6907.31 · Archibald South Plume	0.00	8,749.00	-8,749.00	0.0%	13,125.00
6907.32 · Chino Airport Plume	0.00	8,749.00	-8,749.00	0.0%	13,125.00
6907.33 · Desalter/Hydraulic Control	89.10	15,749.00	-15,659.90	0.57%	23,625.00
6907.34 · Santa Ana River Water Rights	11,691.00	10,851.00	840.00	107.74%	16,275.00
6907.36 · Santa Ana River Habitat	3,048.30	31,566.00	-28,517.70	9.66%	47,350.00
6907.38 · Reg. Water Quality Cntrl Board	623.70	18,366.00	-17,742.30	3.4%	27,550.00
6907.39 · Recharge Master Plan	5,393.28	14,467.00	-9,073.72	37.28%	21,700.00
6907.40 · Storage Agreements	0.00	22,268.00	-22,268.00	0.0%	33,400.00
6907.41 · Prado Basin Habitat Sustainability	712.80	10,834.00	-10,121.20	6.58%	16,250.00
6907.42 · Safe Yield Recalculation	0.00	0.00	0.00	0.0%	0.00
6907.44 · SGMA Compliance	801.90	7,234.00	-6,432.10	11.09%	10,850.00
6907.45 · OBMP Update	180,304.82	72,132.00	108,172.82	249.97%	108,200.00
6907.46 · Upper SAR Integrated Model	178.20	0.00	178.20	100.0%	0.00
6907.47 · 2020 Safe Yield Reset	31,763.43	72,132.00	-40,368.57	44.04%	108,200.00
6907.48 · Ely Basin Investigation	0.00	28,525.00	-28,525.00	0.0%	28,525.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	21,300.00	-21,300.00	0.0%	31,950.00
<b>Total 6907 · WM Legal Counsel</b>	<b>234,606.53</b>	<b>342,922.00</b>	<b>-108,315.47</b>	<b>68.41%</b>	<b>500,125.00</b>
<b>Total 6907 · OBMP Legal Fees</b>	<b>234,606.53</b>	<b>342,922.00</b>	<b>-108,315.47</b>	<b>68.41%</b>	<b>500,125.00</b>
<b>6908 · OBMP Updates</b>					
6908.1 · 2020 OBMP Update-Dodson & Assoc.	94,745.45	225,500.00	-130,754.55	42.02%	225,500.00
<b>Total 6908 · OBMP Updates</b>	<b>94,745.45</b>	<b>225,500.00</b>	<b>-130,754.55</b>	<b>42.02%</b>	<b>225,500.00</b>
<b>6909 · OBMP Other Expenses</b>					
6909.1 · OBMP Meetings	2,669.65	1,000.00	1,669.65	266.97%	1,500.00
6909.3 · Other OBMP Expenses	1,236.00	1,750.00	-514.00	70.63%	2,000.00
6909.6 · OBMP Expenses - Miscellaneous	4,153.00	5,000.00	-847.00	83.06%	5,000.00
6909 · OBMP Other Expenses - Other	0.00	0.00	0.00	0.0%	0.00
<b>Total 6909 · OBMP Other Expenses</b>	<b>8,058.65</b>	<b>7,750.00</b>	<b>308.65</b>	<b>103.98%</b>	<b>8,500.00</b>
<b>Total 6900 · Optimum Basin Mgmt Plan</b>	<b>1,570,110.70</b>	<b>1,681,450.00</b>	<b>-111,339.30</b>	<b>93.38%</b>	<b>2,182,515.00</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 – FEBRUARY 2020

As of February 29, 2020, the total (YTD) Engineering Services expenses were \$395,105 or 18.1% below the (YTD) budget amount of \$2,188,933. The OBMP Implementation Projects (consolidated accounts 7100's – 7700's) were all under budget as of February 29, 2020, except for the Groundwater Quality-Engineering expenses (7103.3) which were over budget by \$986 or 0.7%; the Groundwater Quality-Laboratory Services expenses (7103.5) which were over budget by \$1,631 or 2.8%; the Hydraulic Control-Laboratory Services expenses (7108.4) which were over budget by \$11,726 or 203.6%; the PE4-Engineering expenses (7402) which were over budget by \$8,655 or 9.6%; and the PE6&7-SAWBMP Task Force-50% IEUA expenses (7511) which were over budget by \$8,893 or 75.0%.

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

The second quarter ECAC report (July 1, 2019 – December 31, 2019) showed an estimated under budget variance at June 30, 2020 of approximately \$60,446 for the Engineering Services.

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

The table listed below summarized the Year-To-Date (YTD) Actual Wildermuth Environmental, Inc., (WEI) and other Engineering costs compared to the Year-To-Date (YTD) Budget as of February 29, 2020. Please be advised that the "\$ Over Budget" and the "% of Budget" columns are a comparison of the (YTD) Actual to the (YTD) Budget, not the 12-month Annual Budget. The 12-month Annual Budget column is presented only to provide the data in a full and complete format. The following details are provided:

	Jul '19 - Feb '20 Actual	Jul '19 - Feb '20 Budget	\$ Over Budget	% of Budget	FY 2019/20 Annual Budget
6906 · OBMP Engineering Services - Other	13,069.35	24,652.00	-11,582.65	53.02%	36,976.00
6906.1 · OBMP - Watermaster Model Update	1,541.70	4,280.00	-2,738.30	36.02%	4,280.00
6906.15 · Integrated Model Mtgs-IEUA Cost	5,841.10	13,920.00	-8,078.90	41.96%	20,880.00
6906.17 · Planning Study Analysis	5,934.50	7,884.00	-1,949.50	75.27%	11,826.00
6906.18 · Prado Dam FS/EIS/EIR-50% IEUA	0.00	12,372.00	-12,372.00	0.0%	18,560.00
6906.21 · State of the Basin Report	0.00	0.00	0.00	0.0%	0.00
6906.22 · Water Rights Compliance Reporting	11,386.55	13,776.00	-2,389.45	82.66%	20,664.00
6906.23 · SGMA Reporting Requirements	6,522.60	9,060.00	-2,537.40	71.99%	13,590.00
6906.24 · Compliance - SB88 and SWRCB	1,595.20	5,628.00	-4,032.80	28.34%	8,444.00
6906.26 · 2019 OBMP Update	442,061.69	351,264.00	90,797.69	125.85%	388,896.00
6906.27 · HCP Meetings/Technical Review-IEUA Cos	0.00	10,086.00	-10,086.00	0.0%	15,130.00
6906.28 · Agriculture Prod. & Estimation	1,664.40	15,480.00	-13,815.60	10.75%	23,220.00
6906.31 · OBMP - Pool, Advisory, Board Mtgs.	57,478.72	68,916.00	-11,437.28	83.4%	103,374.00
6906.32 · OBMP - Other General Meetings	46,002.64	56,569.00	-10,566.36	81.32%	84,853.00
6906.71 · OBMP - Data Requests - CBWM Staff	100,516.20	84,643.00	15,873.20	118.75%	126,964.00
6906.72 · OBMP - Data Requests - Non CBWM	20,951.99	33,987.00	-13,035.01	61.65%	50,980.00
6906.73 · OBMP - Safe Yield Recalculation	320,483.07	216,404.00	104,079.07	148.1%	276,608.00
6906.74 · OBMP - Mat'l Physical Injury Requests	11,328.60	49,985.00	-38,656.40	22.66%	74,977.00
6906.76 · County Extraction Well-Modeling	0.00	0.00	0.00	0.0%	0.00
6906.81 · Prepare Annual Reports	9,796.30	15,416.00	-5,619.70	63.55%	15,416.00
6906.90 · OBMP - 2018 RMPU Master Update	0.00	0.00	0.00	0.0%	0.00
7103.3 · Grdwtr Qual-Engineering	146,278.80	145,293.00	985.80	100.68%	217,941.00
7103.5 · Grdwtr Qual-Lab Svcs	60,876.00	59,245.00	1,631.00	102.75%	69,045.00
7104.3 · Grdwtr Level-Engineering	88,621.52	130,579.00	-41,957.48	67.87%	195,869.00
7104.8 · Grdwtr Level-Contracted Services	0.00	6,668.00	-6,668.00	0.0%	10,000.00
7104.9 · Grdwtr Level-Capital Equipment	0.00	5,332.00	-5,332.00	0.0%	8,000.00
7107.2 · Grd Level-Engineering	25,987.36	77,125.00	-51,137.64	33.7%	101,021.00
7107.3 · Grd Level-SAR Imagery	12,000.00	63,750.00	-51,750.00	18.82%	85,000.00
7107.6 · Grd Level-Contract Svcs	13,564.51	87,934.00	-74,369.49	15.43%	126,950.00
7107.8 · Grd Level-Capital Equipment	0.00	8,696.00	-8,696.00	0.0%	13,044.00
7108.31 · Hydraulic Control-PBHSP	26,794.15	49,378.00	-22,583.85	54.26%	74,066.00
7108.4 · Hydraulic Control-Lab Svcs	17,484.00	5,758.00	11,726.00	303.65%	8,638.00
7108.41 · Hydraulic Control-PBHSP	2,312.00	10,018.00	-7,706.00	23.08%	15,026.00
7108.6 · Hydraulic Control-Outside Professionals	20,000.00	28,000.00	-8,000.00	71.43%	28,000.00
7109.3 · Recharge & Well - Engineering	13,352.05	16,840.00	-3,487.95	0.0%	25,260.00
7202.2 · Comp Recharge-Engineering Services	9,151.71	31,739.00	-22,587.29	28.83%	47,608.00
7303 · PE3&5-Engineering - Other	1,292.10	6,772.00	-5,479.90	19.08%	10,160.00
7402 · PE4-Engineering	98,678.98	90,024.00	8,654.98	109.61%	111,036.00
7402.10 · PE4-MZ1 Pomona Project	102,502.99	204,261.00	-101,758.01	50.18%	204,261.00
7403 · PE4-Contract Svcs	0.00	0.00	0.00	0.0%	0.00
7502 · PE6&7-Engineering	58,783.90	61,813.00	-3,029.10	95.1%	92,720.00
7510 · PE6&7-IEUA Salinity Mgmt. Plan	19,219.46	77,136.00	-57,916.54	24.92%	77,136.00
7511 · PE6&7-SAWBMP Task Force-50% IEUA	20,753.96	11,861.00	8,892.96	174.98%	17,792.00
7512 · PE6&7-Recomputation WQ-50% IEUA	0.00	16,389.00	-16,389.00	0.0%	24,584.00
7602 · PE8&9-Engineering	0.00	0.00	0.00	0.0%	0.00
<b>Total Engineering Services Costs</b>	<b>1,793,828.10</b>	<b>2,188,933.00</b>	<b>-395,104.90</b>	<b>81.95%</b>	<b>2,858,795.00 *</b>

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

PREVIOUSLY REPORTED ACTIONS (Descending Order)

December 2019:

Wildermuth Environmental, Inc. provides Watermaster an Estimated Cost at Completion (ECAC) report each quarter. The purpose of this ECAC report is to update Watermaster on whether or not the Engineering Services budget will be above or below budget at the end of the fiscal year. If the Engineering Services

*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 is expected to be above budget at fiscal year-end, a Budget Amendment or Budget Transfer Form would need to be approved to ensure funding.

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

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

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

Acct #	Description	Original Budget	Revised Budget	Billed Jul-19	Billed Aug-19	Billed Sep-19	Billed Oct-19	Billed Nov-19	Billed Dec-19	Projected Jan-20
6906	OBMP Engineering	\$ 575,564	\$ 575,564	\$ 31,137	\$ 27,491	\$ 31,283	\$ 30,883	\$ 36,382	\$ 35,211	\$ 63,393
6906.26	2020 OBMP Update	388,896	388,896	97,717	79,804	36,998	58,860	74,228	52,604	20,000
6906.73	2021 Safe Yield Recalculation	276,608	276,608	53,973	53,420	40,271	29,861	30,125	32,111	40,000
6906.15	IEUA - Integrated Model Meetings and Technical	20,880	20,880	9,514	-	813	-	-	-	2,000
6907.16	IEUA - CBP Evaluation and Conceptual Design S	-	-	5,789	1,943	11,842	17,476	1,599	8,017	30,000
6906.27	IEUA - HCP Meetings and Technical Review	15,130	15,130	-	-	-	-	-	-	-
6906.18	OCWD and Army Corps of Engineers Prado Dan	18,560	18,560	-	-	-	-	-	-	9,280
7103.3	GW and SW Quality - Engineering Services	217,941	217,941	19,922	37,873	17,263	17,604	11,204	8,586	27,600
7103.5	GW and SW Quality - Laboratory Services	92,709	92,709	4,532	26,015	26,516	15,784	-	7,810	1,634
7104.3	GW Level - Engineering Services	195,889	195,889	12,723	4,405	16,462	13,364	10,523	11,799	14,240
7104.8	GW Level - Contract Services	10,000	10,000	38	-	-	-	-	-	-
7104.9	GW Level - Capital Services	8,000	8,000	(7)	-	-	1,020	-	-	-
7107.2	Ground Level - Engineering Services	69,937	99,269	11,421	4,069	2,091	2,780	1,956	2,613	9,676
7107.30	Ground Level - SAR Imagery	86,752	86,752	12,000	-	-	-	-	-	18,752
7107.6	Ground Level - Contract Services	117,050	126,950	5,175	-	-	-	-	-	7,000
7107.8	Ground Level - Capital Equipment	13,044	13,044	520	132	89	-	83	85	150
7108.31	IEUA - Prado Basin Habitat Monitoring	74,066	74,066	1,380	1,402	635	1,704	2,060	9,232	32,960
7108.6	IEUA - PBHSP - Outside Pro	28,000	28,000	40,000	-	-	-	-	-	-
7109.3	Recharge & Well Monitoring - Engineering Serv.	25,260	25,260	-	3,010	-	-	5,030	-	-
7202.2	Comp Recharge - Engineering Services	47,608	47,608	1,162	385	1,266	1,624	1,036	294	4,879
7206	GRCC & IEUA - SB88 Specification to Ensure Co	-	-	-	-	7,446	95	80	-	21,800
7303	OBMP - Engineering Services - Desalters	10,160	10,160	-	-	-	-	-	-	847
7402	OBMP - Engineering Services - MZ1	111,036	111,036	20,871	39,892	19,924	3,011	1,205	2,170	1,716
7402.1	OBMP - Engineering Services - Northwest MZ1	7,500	204,261	6,111	15,243	19,947	7,879	17,895	21,601	15,800
7502	OBMP - Engineering Services - WQC	92,720	92,720	-	12,281	38,465	5,585	-	-	-
7510	IEUA - Update Recycled Water Permit - Salinity	-	77,136	3,595	601	4,320	12,634	533	3,878	34,500
7511	IEUA - As requested services to support Waterma	17,792	17,792	-	1,592	1,178	6,162	6,117	686	3,500
7512	IEUA - Triennial Recomputation of Ambient Water	24,584	24,584	-	-	-	-	-	-	-
<b>Totals</b>		<b>\$ 2,545,686</b>	<b>\$ 2,858,795</b>	<b>\$ 337,571</b>	<b>\$ 309,660</b>	<b>\$ 276,808</b>	<b>\$ 226,338</b>	<b>\$ 200,055</b>	<b>\$ 196,677</b>	<b>\$ 359,756</b>

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2019-20CBWM\_Invoice\_Summary\_ISBM\_20200106--Projection Summary





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

Acct #	Description	Projected Feb-20	Projected Mar-20	Projected Apr-20	Projected May-20	Projected Jun-20	Total Projected	Less IEUA and GRCC - Portion of Cost Share			
								Total Projected	Under / (Over) Rev. Budget	YTD % Billed Rev. Budget	Projected % Rev. Budget
6906	OBMP Engineering	\$ 49,747	\$ 56,547	\$ 55,857	\$ 52,357	\$ 40,746	\$ 511,032	\$ 511,032	\$ 64,532	33%	89%
6906.26	2020 OBMP Update	20,000	20,000	2,000	2,000	2,000	466,301	466,301	(77,405)	103%	120%
6906.73	2021 Safe Yield Recalculation	20,000	12,000	-	-	-	311,761	311,761	(35,153)	87%	113%
6906.15	IEUA - Integrated Model Meetings and Technical	2,000	2,000	2,000	2,000	2,000	22,327	11,164	9,716	49%	53%
6907.16	IEUA - CBP Evaluation and Conceptual Design S	30,000	25,000	5,000	5,000	5,000	146,666	-	-	n/a	n/a
6906.27	IEUA - HCP Meetings and Technical Review	3,362	3,362	3,362	3,362	3,362	16,810	8,405	6,725	0%	56%
6906.18	OCWD and Army Corps of Engineers Prado Dam	8,280	4,640	-	-	-	23,200	11,600	6,960	0%	63%
7103.3	GW and SW Quality - Engineering Services	21,210	16,930	11,080	4,308	16,034	209,594	209,594	8,347	52%	96%
7103.5	GW and SW Quality - Laboratory Services	-	2,550	3,600	-	1,050	89,491	89,491	3,218	87%	97%
7104.3	GW Level - Engineering Services	12,600	21,800	11,784	13,828	23,628	167,154	167,154	28,715	35%	85%
7104.8	GW Level - Contract Services	5,000	5,000	-	-	-	10,038	10,038	(38)	0%	100%
7104.9	GW Level - Capital Services	-	-	-	12,000	-	13,013	13,013	(5,013)	13%	163%
7107.2	Ground Level - Engineering Services	10,676	12,362	12,083	6,528	11,191	87,436	87,436	11,833	25%	88%
7107.3	Ground Level - SAR Imagery	-	58,000	-	-	-	86,752	86,752	-	14%	100%
7107.6	Ground Level - Contract Services	20,050	29,725	25,000	15,000	25,000	126,950	126,950	-	4%	100%
7107.8	Ground Level - Capital Equipment	1,000	600	150	1,000	600	4,409	4,409	8,635	7%	34%
7108.31	IEUA - Prado Basin Habitat Monitoring	35,540	30,618	20,794	7,790	4,266	148,411	74,206	(140)	22%	100%
7108.6	IEUA - PBHSP - Outside Pro	10,000	-	-	-	-	50,000	25,000	3,000	143%	89%
7109.3	Recharge & Well Monitoring - Engineering Serv.	5,000	-	7,000	3,400	-	23,440	23,440	1,820	32%	93%
7202.2	Comp Recharge - Engineering Services	4,879	2,248	4,879	4,879	2,248	29,780	29,780	17,826	12%	63%
7206.1	GRCC & IEUA - SB88 Specification to Ensure Co	21,800	21,800	21,800	21,800	21,800	138,421	-	-	n/a	n/a
7303	OBMP - Engineering Services - Desalters	847	847	847	847	847	5,082	5,082	5,078	0%	50%
7402	OBMP - Engineering Services - MZ1	7,000	8,000	4,533	5,000	6,000	119,321	119,321	(8,285)	78%	107%
7402.1	OBMP - Engineering Services - Northwest MZ1	16,000	33,426	17,500	15,826	15,032	204,260	204,260	1	43%	100%
7502	OBMP - Engineering Services - WQC	12,000	19,500	7,000	-	-	94,841	94,841	(2,121)	61%	102%
7510	IEUA - Update Recycled Water Permit - Salinity	34,500	34,500	34,500	34,500	35,684	233,746	77,136	-	33%	100%
7511	As requested services to support Watermaster an	3,500	3,000	1,483	1,483	-	30,183	30,183	(12,391)	88%	170%
7512	IEUA - Triennial Recomputation of Ambient Wate	-	-	-	-	-	-	-	24,584	0%	0%
<b>Totals</b>		<b>\$ 367,990</b>	<b>\$ 422,464</b>	<b>\$ 262,231</b>	<b>\$ 212,907</b>	<b>\$ 217,971</b>	<b>\$ 3,370,420</b>	<b>\$ 2,796,349</b>	<b>\$ 60,446</b>	<b>54%</b>	<b>98%</b>

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

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2019-20CBWM\_Invoice\_Summary\_15BM\_20200106--Projection Summary



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

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

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

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

September 2019:

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

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

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

Acct #	Description	Original Budget	Revised Budget	Billed Jul-19	Billed Aug-19	Billed Sep-19	Projected Oct-19	Projected Nov-19	Projected Dec-19	Projected Jan-20
6906	OBMP Engineering	\$ 575,564	\$ 575,564	\$ 31,137	\$ 27,491	\$ 31,263	\$ 45,199	\$ 64,356	\$ 49,407	\$ 64,277
6906.26	2020 OBMP Update	388,896	388,896	97,717	79,904	36,998	48,500	81,500	46,500	12,000
6906.73	2021 Safe Yield Recalculation	276,608	276,608	53,973	53,420	40,271	30,000	30,000	40,000	40,000
6906.15	IEUA - Integrated Model Meetings and Technical Review	20,880	20,880	9,514	-	813	2,000	2,000	2,000	2,000
6907.16	IEUA - CBP Evaluation and Conceptual Design Services	-	-	5,789	1,943	11,842	5,000	5,000	5,000	30,000
6906.27	IEUA - HCP Meetings and Technical Review	15,130	15,130	-	-	-	3,362	3,362	3,362	3,362
6906.18	OCWD and Army Corps of Engineers Prado Dam	18,560	18,560	-	-	-	-	9,280	4,640	9,280
7103.3	GW and SW Quality - Engineering Services	217,941	217,941	19,922	37,873	17,263	16,670	16,010	16,530	11,700
7103.5	GW and SW Quality - Laboratory Services	92,709	92,709	4,532	11,424	24,971	34,393	9,900	1,050	1,634
7104.3	GW Level - Engineering Services	195,869	195,869	12,723	4,405	16,462	14,500	14,200	22,160	13,275
7104.8	GW Level - Contract Services	10,000	10,000	38	-	-	-	-	-	-
7104.9	GW Level - Capital Services	8,000	8,000	(7)	-	-	-	-	-	2,000
7107.2	Ground Level - Engineering Services	69,937	99,269	11,421	4,069	2,091	4,300	4,500	5,000	9,476
7107.30	Ground Level - SAR Imagery	86,752	86,752	12,000	-	-	-	-	-	18,752
7107.6	Ground Level - Contract Services	117,050	126,950	5,175	-	-	-	-	-	7,000
7107.8	Ground Level - Capital Equipment	13,044	13,044	520	132	69	150	1,000	600	150
7108.31	IEUA - Prado Basin Habitat Monitoring	74,066	74,066	1,380	1,402	635	1,640	7,000	26,800	23,690
7108.6	IEUA - PBHSP - Outside Pro	28,000	28,000	40,000	-	-	-	10,000	-	-
7109.3	Recharge & Well Monitoring - Engineering Serv.	25,260	25,260	-	3,010	-	-	4,000	-	-
7202.2	Comp Recharge - Engineering Services	47,608	47,608	1,162	366	1,266	4,879	4,879	2,248	4,879
7208	GRCC & IEUA - SB88 Specification to Ensure Co	-	-	-	-	7,446	14,569	14,569	14,569	14,569
7303	OBMP - Engineering Services - Desalters	10,160	10,160	-	-	-	-	847	847	847
7402	OBMP - Engineering Services - MZ1	111,036	111,036	20,871	39,892	19,924	2,000	1,000	1,000	2,000
7402.1	OBMP - Engineering Services - Northwest MZ1	7,500	204,261	6,111	15,243	19,947	5,500	21,500	20,500	17,000
7502	OBMP - Engineering Services - WQC	92,720	92,720	-	12,281	38,465	5,600	-	-	2,700
7510	IEUA - Update Recycled Water Permit - Salinity	-	77,136	3,595	601	4,320	25,025	25,025	25,025	25,025
7511	IEUA - As requested services to support Watermaster	17,792	17,792	-	1,592	1,178	3,500	4,500	2,000	3,500
7512	IEUA - Triennial Recomputation of Ambient Water	24,584	24,584	-	-	-	-	-	-	-
<b>Totals</b>		<b>\$ 2,545,666</b>	<b>\$ 2,859,795</b>	<b>\$ 337,571</b>	<b>\$ 295,069</b>	<b>\$ 275,263</b>	<b>\$ 264,786</b>	<b>\$ 336,427</b>	<b>\$ 291,237</b>	<b>\$ 319,115</b>

11/5/2019--7:43 AM  
2019-20CBWM\_Invoice\_Summary\_ISBM\_1st Qtr ECAC--Projection Summary



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

Acct #	Description	Projected Feb-20	Projected Mar-20	Projected Apr-20	Projected May-20	Projected Jun-20	Total Projected	Less IEUA and GRCC Portion of Cost Share			
								Total Projected	Under / (Over) Rev. Budget	YTD % Billed Rev. Budget	Projected % Rev. Budget
6906	OBMP Engineering	\$ 59,657	\$ 55,281	\$ 47,667	\$ 40,747	\$ 40,746	\$ 557,244	\$ 557,244	\$ 18,320	16%	97%
6906.26	2020 OBMP Update	4,500	1,500	1,500	1,500	1,500	411,619	411,619	(22,723)	55%	105%
6906.73	2021 Safe Yield Recalculation	5,000	20,000	-	-	-	312,664	312,664	(36,056)	53%	113%
6906.15	IEUA - Integrated Model Meetings and Technical Review	2,000	2,000	2,000	2,000	2,000	28,327	14,164	6,716	25%	66%
6907.16	IEUA - CBP Evaluation and Conceptual Design Services	30,000	25,000	5,000	5,000	5,000	134,574	-	-	n/a	n/a
6906.27	IEUA - HCP Meetings and Technical Review	3,362	3,362	3,362	3,362	3,362	30,258	15,129	1	0%	100%
6906.18	OCWD and Army Corps of Engineers Prado Dam	9,280	4,640	-	-	-	37,120	18,560	-	0%	100%
7103.3	GW and SW Quality - Engineering Services	20,360	15,430	9,080	4,308	15,914	205,059	205,059	12,882	34%	94%
7103.5	GW and SW Quality - Laboratory Services	-	1,050	1,700	-	1,050	91,704	91,704	1,005	44%	99%
7104.3	GW Level - Engineering Services	14,300	20,250	10,834	12,812	22,431	178,352	178,352	17,517	17%	91%
7104.8	GW Level - Contract Services	-	-	-	8,000	-	8,038	8,038	1,962	0%	80%
7104.9	GW Level - Capital Services	-	-	-	11,000	-	12,993	12,993	(4,993)	0%	162%
7107.2	Ground Level - Engineering Services	9,676	12,362	12,199	6,528	9,410	91,032	91,032	8,237	18%	92%
7107.30	Ground Level - SAR Imagery	-	56,000	-	-	-	86,752	86,752	-	14%	100%
7107.6	Ground Level - Contract Services	20,050	29,725	25,000	15,000	25,000	126,950	126,950	-	4%	100%
7107.8	Ground Level - Capital Equipment	1,000	600	150	1,000	600	5,991	5,991	7,053	6%	46%
7108.31	IEUA - Prado Basin Habitat Monitoring	33,090	27,618	18,794	5,790	3,266	151,104	75,552	(1,488)	2%	102%
7108.6	IEUA - PBHSP - Outside Pro	-	-	-	-	-	50,000	25,000	3,000	71%	89%
7109.3	Recharge & Well Monitoring - Engineering Serv.	4,000	-	7,000	3,400	-	21,410	21,410	3,850	12%	85%
7202.2	Comp Recharge - Engineering Services	4,879	2,248	4,879	4,879	2,248	38,831	38,831	8,777	6%	82%
7208	GRCC & IEUA - SB88 Specification to Ensure Co	14,569	14,569	14,569	14,569	14,569	138,567	-	-	n/a	n/a
7303	OBMP - Engineering Services - Desalters	847	847	847	847	847	6,776	6,776	3,384	0%	67%
7402	OBMP - Engineering Services - MZ1	9,000	7,000	2,533	4,000	5,000	114,219	114,219	(3,183)	73%	103%
7402.1	OBMP - Engineering Services - Northwest MZ1	31,500	28,500	21,000	16,000	3,458	204,260	204,260	1	20%	100%
7502	OBMP - Engineering Services - WQC	12,000	18,000	7,500	-	-	96,546	96,546	(3,826)	55%	104%
7510	IEUA - Update Recycled Water Permit - Salinity	25,025	25,025	25,025	25,025	25,025	233,746	77,136	-	6%	100%
7511	IEUA - As requested services to support Watermaster	3,500	3,000	2,000	2,000	2,000	28,770	14,385	3,407	8%	81%
7512	IEUA - Triennial Recomputation of Ambient Water	-	-	-	-	-	-	-	24,584	0%	0%
<b>Totals</b>		<b>\$ 317,694</b>	<b>\$ 372,006</b>	<b>\$ 222,638</b>	<b>\$ 187,766</b>	<b>\$ 183,430</b>	<b>\$ 3,402,906</b>	<b>\$ 2,610,366</b>	<b>\$ 48,429</b>	<b>30%</b>	<b>98%</b>

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

11/5/2019--7:43 AM  
2019-20CBWM\_Invoice\_Summary\_ISBM\_1st Qtr ECAC--Projection Summary



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

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The Fiscal Year 2019/20 Progress and Estimated Cost at Completion for the Period July 1, 2019 through September 30, 2019 report from Wildermuth Environmental, Inc. is provided. Please access this link:

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

August 2019:

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

July 2019:

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

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

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

## PRADO BASIN HABITAT SUSTAINABILITY PROGRAM

### Ongoing Costs

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

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

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

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

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

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

	Wildermuth Environmental, Inc.	50% Billing "TO" IEUA	50% Billing "FROM" IEUA	Costs For Watermaster
Jul. 2019 - Feb. 2020	\$ 53,588.30	\$ (26,794.15)	\$ -	\$ 26,794.15
<b>Totals</b>	<b>\$ 53,588.30</b>	<b>\$ (26,794.15)</b>	<b>\$ -</b>	<b>\$ 26,794.15</b>
	7108.31	7108.31	7108.31	
<b>Maximum Costs</b>	<b>\$ 204,132.00</b>	<b>\$ 102,066.00</b>	<b>\$ 102,066.00</b>	<b>\$ 102,066.00</b>

PREVIOUSLY REPORTED ACTIONS (Descending Order)  
None:

OTHER INCOME AND EXPENSE

There were no other significant items to report within the category of Other Income and Expenses for the month ending February 29, 2020.

PREVIOUSLY REPORTED ACTIONS (Descending Order)

July 2019:

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

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

CURRENT MONTH – FEBRUARY 2020

As of February 29, 2020, the total (YTD) amount remaining of the "Carried Over" funding is \$2,122,884.53 (\$2,312,460.70 - \$189,576.17 = \$2,122,884.53).

The following details are provided:

"Carried Over" Expenses At June 30, 2019

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

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

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

Blomquist Report - Update	\$ -	A	6061.6	FY 2017/18	ADMIN
Meter Installation - New Meter Installation	\$ -	B	7102.65	FY 2018/19	OBMP
Meter Installation - Calibration and Testing	\$ -	C	7102.8	FY 2018/19	OBMP
Ground Level - Engineering Services	\$ (29,332.00)	D	7107.2 <sup>2</sup>	FY 2018/19	ENG
Ground Level - Contract Services	\$ (9,900.00)	E	7107.6 <sup>3</sup>	FY 2018/19	ENG
PE4 - Northwest MZ-1 Area Project	\$ (102,502.99)	F	7402.1 <sup>4</sup>	FY 2018/19	ENG
IEUA - Update Recycle Water Permit - Salinity	\$ (47,841.18)	G	7510 <sup>5</sup>	FY 2018/19	ENG
RMPU Amendment (TO #1)	\$ -	H	7690.15	FY 2016/17	PROJ
East Declez Basin (TO #1)	\$ -	I	7690.16 <sup>1</sup>	FY 2016/17	PROJ
GWR SCADA Upgrades (TO #4)	\$ -	J	7690.61	FY 2014/15	PROJ
GWR SCADA Upgrades (TO #4)	\$ -	J	7690.61	FY 2015/16	PROJ
Upper Santa Ana River HCP (TO #7)	\$ -	K	7690.7	FY 2014/15	PROJ
Upper Santa Ana River HCP (TO #7)	\$ -	K	7690.7	FY 2015/16	PROJ
Lower Day Basin RMPU (TO #2)	\$ -	L	7690.8	FY 2016/17	PROJ
Funds on Hold for Projects	\$ -	M	7690.9	FY 2017/18	PROJ
<b>Updated Balance as of February 29, 2020</b>	<b>\$ 2,122,884.53</b>				

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

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

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

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

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

Updated Balance as of February 29, 2020					
Blomquist Report - Update	\$ 7,500.00	A	6061.6	FY 2017/18	ADMIN
Meter Installation - New Meter Installation	\$ 175,400.00	B	7102.65	FY 2018/19	OBMP
Meter Installation - Calibration and Testing	\$ 181,650.00	C	7102.8	FY 2018/19	OBMP
Ground Level - Engineering Services	\$ -	D	7107.2 <sup>2</sup>	FY 2018/19	ENG
Ground Level - Contract Services	\$ -	E	7107.6 <sup>3</sup>	FY 2018/19	ENG
PE4 - Northwest MZ-1 Area Project	\$ 94,258.01	F	7402.1 <sup>4</sup>	FY 2018/19	ENG
IEUA - Update Recycle Water Permit - Salinity	\$ 29,294.82	G	7510 <sup>5</sup>	FY 2018/19	ENG
RMPU Amendment (TO #1)	\$ 56,794.57	H	7690.15	FY 2016/17	PROJ
East Decluz Basin (TO #1)	\$ 1,171.33	I	7690.16 <sup>1</sup>	FY 2016/17	PROJ
GWR SCADA Upgrades (TO #4)	\$ 7,025.00	J	7690.61	FY 2014/15	PROJ
GWR SCADA Upgrades (TO #4)	\$ 38,675.00	J	7690.61	FY 2015/16	PROJ
Upper Santa Ana River HCP (TO #7)	\$ 15,062.88	K	7690.7	FY 2014/15	PROJ
Upper Santa Ana River HCP (TO #7)	\$ 5,000.00	K	7690.7	FY 2015/16	PROJ
Lower Day Basin RMPU (TO #2)	\$ 238,646.90	L	7690.8	FY 2016/17	PROJ
Funds on Hold for Projects	\$ 1,272,406.02	M	7690.9	FY 2017/18	PROJ
<b>Updated Balance as of February 29, 2020</b>	<b>\$ 2,122,884.53</b>				

**ADMINISTRATION SERVICES:**

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

**OBMP ACTIVITIES:**

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

**ENGINEERING SERVICES:**

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

**COMPLETED PROJECTS WITH FUNDING AVAILABLE:**

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

**ONGOING RECHARGE IMPROVEMENT PROJECTS:**

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

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\$20,062.88 in account (7690.7); and the Lower Day Basin RMPU-Task Order #2 [L] has a remaining funded budget balance of \$238,646.90 in account (7690.8). The total funded budget for these combined projects is \$315,504.35 (\$56,794.57 + \$20,062.88 + \$238,646.90 = \$315,504.35).

FUNDS ON HOLD FOR PROJECTS:

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

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

PREVIOUSLY REPORTED ACTIONS (Descending Order)

July 2019:

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

AUDIT FIELD WORK

CURRENT MONTH – FEBRUARY 2020

No audit field work activity to report for the month.

PREVIOUSLY REPORTED ACTIONS (Descending Order)

November 2019:

FY 2018/19:

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

August 2019:

FY 2018/19:

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

July 2019:

FY 2018/19:

The auditors from the audit firm of Fedak & Brown LLP were at Watermaster on May 28, 2019 for an onsite visit at the Watermaster office. This was the start of the interim field work for the period of July 1, 2018 through March 31, 2019. The final field work for the period of April 1, 2019 through June 30, 2019 has been scheduled for September 3, 2019 and September 4, 2019. The Annual Financial and Audit Reports are scheduled for presentation to the Watermaster Board by Fedak & Brown LLP at the October 24, 2019 Board



meeting. The Annual Financial and Audit Reports for FY 2018/19 are scheduled for posting to the Watermaster website no later than October 31, 2019.

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

##### CURRENT MONTH – FEBRUARY 2020

No Exhibit "G" activity for the month to report.

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

January 2020:

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

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

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

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

##### ASSESSMENT INVOICING

##### CURRENT MONTH – FEBRUARY 2020

##### FY 2019/20 Assessment Package:

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

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

December 2019:

The FY 2019/20 Assessment Package was approved by the Advisory Committee and adopted by the Board on Thursday, November 21, 2019. The Assessment invoices were issued by Watermaster on Thursday, November 21, 2019 with payment due 30-days after invoice date. Payments were due to Watermaster on

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Monday, December 23, 2019. As past practice, payment could be made to Watermaster by either a wire transfer or check. Per the judgment, late fees could be assessed for any payment not received as of 4:00pm on Monday, December 23, 2019.

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

November 2019:

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

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

October 2019:

Revised 2014/15 through 2018/19 Assessment Packages:

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

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

FY 2019/20 Assessment Package:

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

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

The FY 2019/20 Assessment Package was approved by the Advisory Committee and adopted by the Board on Thursday, November 21, 2019. The Assessment invoices were issued by Watermaster on Thursday, November 21, 2019 with payment due 30-days after invoice date. Payments will be due to Watermaster

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

on Monday, December 23, 2019. As past practice, payment can be made to Watermaster by either a wire transfer or check. Per the judgment, late fees could be assessed for any payment not received as of 4:00pm on Monday, December 23, 2019.

ATTACHMENTS

1. Financial Report - B5

	1/12th (8.33%) of the Total Budget				8/12th (66.67%) of the Total Budget				100% of the Total Budget			
	For The Month of February 2020				Year-To-Date as of February 29, 2020				Fiscal Year End as of June 30, 2020			
	Actual	Budget	\$ Over(Under)	% of Budget	Actual	Budget	\$ Over(Under)	% of Budget	Projected	Budget	\$ Over(Under)	% of Budget
<b>Income</b>												
4010 · Local Agency Subsidies	0.00	0.00	0.00	0.0%	171,905.17	171,906.00	-0.83	100.0%	171,905.17	171,906.00	-0.83	100.0%
4110 · Admin Asmnts-Approp Pool	0.00	0.00	0.00	0.0%	8,030,142.55	8,043,100.00	-12,957.45	99.84%	8,030,142.55	8,043,100.00	-12,957.45	99.84%
4120 · Admin Asmnts-Non-Agri Pool	0.00	0.00	0.00	0.0%	364,535.88	352,197.00	12,338.88	103.5%	364,535.88	352,197.00	12,338.88	103.5%
4700 · Non Operating Revenues	10.14	0.00	10.14	100.0%	89,276.51	37,562.00	51,714.51	237.68%	139,683.69	75,124.00	64,559.69	185.94%
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>10.14</b>	<b>0.00</b>	<b>10.14</b>	<b>100.0%</b>	<b>8,655,860.11</b>	<b>8,604,765.00</b>	<b>51,095.11</b>	<b>100.59%</b>	<b>8,706,267.29</b>	<b>8,642,327.00</b>	<b>63,940.29</b>	<b>100.74%</b>
<b>Gross Profit</b>	<b>10.14</b>	<b>0.00</b>	<b>10.14</b>	<b>100.0%</b>	<b>8,655,860.11</b>	<b>8,604,765.00</b>	<b>51,095.11</b>	<b>100.59%</b>	<b>8,706,267.29</b>	<b>8,642,327.00</b>	<b>63,940.29</b>	<b>100.74%</b>
<b>Expense</b>												
6010 · Admin. Salary/Benefit Costs	82,571.68	89,675.00	-7,103.32	92.08%	735,299.67	771,838.00	-36,538.33	95.27%	1,121,813.70	1,155,864.00	-34,050.30	97.05%
6020 · Office Building Expense	10,792.42	9,642.00	1,150.42	111.93%	75,964.40	78,186.00	-2,221.60	97.16%	114,960.92	117,379.00	-2,418.08	97.94%
6030 · Office Supplies & Equip.	2,758.51	2,775.00	-16.49	99.41%	18,703.99	60,200.00	-41,496.01	31.07%	60,426.36	69,800.00	-9,373.64	86.57%
6040 · Postage & Printing Costs	3,880.34	3,512.00	368.34	110.49%	23,212.04	32,374.00	-9,161.96	71.7%	43,621.52	47,141.00	-3,519.48	92.53%
6050 · Information Services	9,927.16	14,375.00	-4,447.84	69.06%	93,403.23	113,347.00	-19,943.77	82.41%	166,652.60	169,656.00	-3,003.40	98.23%
6060 · Contract Services	200.00	400.00	-200.00	50.0%	31,382.25	50,200.00	-18,817.75	62.51%	48,474.92	51,800.00	-3,325.08	93.58%
6070 · Watermaster Legal Services	20,636.00	16,090.00	4,546.00	128.25%	204,588.74	200,260.00	4,328.74	102.16%	303,210.48	266,115.00	37,095.48	113.94%
6080 · Insurance	594.02	0.00	594.02	100.0%	41,105.28	42,926.00	-1,820.72	95.76%	43,011.26	43,426.00	-414.74	99.05%
6110 · Dues and Subscriptions	128.22	200.00	-71.78	64.11%	31,890.17	36,092.00	-4,201.83	88.36%	32,838.90	36,792.00	-3,953.10	89.26%
6140 · WM Admin Expenses	277.68	338.00	-60.32	82.15%	2,014.13	2,125.00	-110.87	94.78%	2,928.50	2,950.00	-21.50	99.27%
6150 · Field Supplies	162.11	0.00	162.11	100.0%	1,170.05	2,200.00	-1,029.95	53.18%	2,365.88	2,550.00	-184.12	92.78%
6170 · Travel & Transportation	1,467.90	2,300.00	-832.10	63.82%	13,087.12	57,331.00	-44,243.88	22.83%	60,452.72	65,170.00	-4,717.28	92.76%
6190 · Training, Conferences, Seminars	1,225.00	3,154.00	-1,929.00	38.84%	13,845.61	25,239.00	-11,393.39	54.86%	34,741.22	37,857.00	-3,115.78	91.77%
6200 · Advisory Comm - WM Board	2,696.32	4,133.00	-1,436.68	65.24%	21,438.22	32,517.00	-11,078.78	65.93%	40,726.84	49,680.00	-8,953.16	81.98%
6300 · Watermaster Board Expenses	12,849.61	13,788.00	-938.39	93.19%	78,093.62	128,304.00	-50,210.38	60.87%	159,632.56	184,467.00	-24,834.44	86.54%
8300 · Appr PI-WM & Pool Admin	16,653.21	16,497.00	156.21	100.95%	129,340.17	131,686.00	-2,345.83	98.22%	187,684.60	198,609.00	-10,924.40	94.5%
8400 · Agri Pool-WM & Pool Admin	4,390.89	5,378.00	-987.11	81.65%	28,638.41	42,405.00	-13,766.59	67.54%	59,346.62	64,713.00	-5,366.38	91.71%
8467 · Ag Legal & Technical Services	15,175.00	25,000.00	-9,825.00	60.7%	184,262.50	200,000.00	-15,737.50	92.13%	299,575.00	300,000.00	-425.00	99.86%
8470 · Ag Meeting Attend -Special	1,100.00	1,850.00	-750.00	59.46%	10,100.00	14,800.00	-4,700.00	68.24%	18,300.00	22,200.00	-3,900.00	82.43%
8471 · Ag Pool Expense	0.00	0.00	0.00	0.0%	21,686.00	53,500.00	-31,814.00	40.54%	26,686.00	85,000.00	-58,314.00	31.4%
8485 · Ag Pool - Misc. Exp. - Ag Fund	0.00	0.00	0.00	0.0%	0.00	300.00	-300.00	0.0%	200.00	400.00	-200.00	50.0%
8500 · Non-Ag PI-WM & Pool Admin	8,911.16	10,717.00	-1,805.84	83.15%	64,816.62	84,536.00	-19,719.38	76.67%	115,567.10	127,951.00	-12,383.90	90.32%
9400 · Depreciation Expense	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9500 · Allocated G&A Expenditures	-29,224.06	-39,730.00	10,505.94	73.56%	-231,868.32	-317,842.00	85,973.68	72.95%	-333,271.54	-476,762.00	143,490.46	69.9%
6900 · Optimum Basin Mgmt Plan	183,576.43	130,973.00	52,603.43	140.16%	1,570,110.70	1,681,450.00	-111,339.30	93.38%	2,180,042.74	2,182,515.00	-2,472.26	99.89%
9501 · G&A Expenses Allocated-OBMP	16,279.22	10,527.00	5,752.22	154.64%	113,396.64	84,217.00	29,179.64	134.65%	151,746.50	126,325.00	25,421.50	120.12%
7101 · Production Monitoring	4,165.04	6,011.00	-1,845.96	69.29%	44,476.77	52,247.00	-7,770.23	85.13%	65,222.30	78,073.00	-12,850.70	83.54%
7102 · In-line Meter Installation	0.00	1,673.00	-1,673.00	0.0%	1,441.85	371,344.00	-369,902.15	0.39%	2,500.00	378,428.00	-375,928.00	0.66%
7103 · Grdwtr Quality Monitoring	20,175.55	23,802.00	-3,626.45	84.76%	251,904.82	252,762.00	-857.18	99.66%	364,117.50	359,100.00	5,017.50	101.4%
7104 · Gdwtr Level Monitoring	13,815.28	23,334.00	-9,518.72	59.21%	132,295.94	189,841.00	-57,545.06	69.69%	225,952.00	284,537.00	-58,585.00	79.41%
7105 · Sur Wtr Qual Monitoring	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
7106 · Wtr Level Sensors Installation	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
7107 · Ground Level Monitoring	6,800.29	17,282.00	-10,481.71	39.35%	52,263.07	241,566.00	-189,302.93	21.64%	212,471.14	333,683.00	-121,211.86	63.68%



	1/12th (8.33%) of the Total Budget				8/12th (66.67%) of the Total Budget				100% of the Total Budget			
	For The Month of February 2020				Year-To-Date as of February 29, 2020				Fiscal Year End as of June 30, 2020			
	Actual	Budget	\$ Over(Under)	% of Budget	Actual	Budget	\$ Over(Under)	% of Budget	Projected	Budget	\$ Over(Under)	% of Budget
7108 · Hydraulic Control Monitoring	8,151.13	8,923.00	-771.87	91.35%	67,562.06	99,918.00	-32,355.94	67.62%	115,624.82	135,837.00	-20,212.18	85.12%
7109 · Recharge & Well Monitoring Prog	5,312.05	2,105.00	3,207.05	252.35%	13,352.05	16,840.00	-3,487.95	79.29%	21,080.00	25,260.00	-4,180.00	83.45%
7200 · PE2- Comp Recharge Pgm	7,399.80	14,666.00	-7,266.20	50.46%	750,392.00	1,056,156.00	-305,764.00	71.05%	1,399,597.30	1,425,415.00	-25,817.70	98.19%
7300 · PE3&5-Water Supply/Desalte	1,292.10	2,754.00	-1,461.90	46.92%	1,491.62	22,960.00	-21,468.38	6.5%	25,399.04	34,374.00	-8,974.96	73.89%
7400 · PE4- Mgmt Plan	12,443.00	6,272.00	6,171.00	198.39%	204,369.96	303,007.00	-98,637.04	67.45%	326,682.70	328,338.00	-1,655.30	99.5%
7500 · PE6&7-CoopEfforts/SaltMgmt	14,287.47	12,112.00	2,175.47	117.96%	99,782.14	174,618.00	-74,835.86	57.14%	187,218.82	223,318.00	-36,099.18	83.84%
7600 · PE8&9-StorageMgmt/Conj Use	0.00	1,784.00	-1,784.00	0.0%	9,740.04	15,505.00	-5,764.96	62.82%	19,480.08	23,168.00	-3,687.92	84.08%
7690 · Recharge Improvement Debt Pymt	0.00	0.00	0.00	0.0%	526,276.00	2,268,221.70	-1,741,945.70	23.2%	2,152,552.00	2,268,221.70	-115,669.70	94.9%
7700 · Inactive Well Protection Prgm	0.00	42.00	-42.00	0.0%	0.00	333.00	-333.00	0.0%	0.00	500.00	-500.00	0.0%
9502 · G&A Expenses Allocated-Projects	12,944.84	29,203.00	-16,258.16	44.33%	118,471.68	233,625.00	-115,153.32	50.71%	181,525.04	350,437.00	-168,911.96	51.8%
<b>Total Expense</b>	<b>473,815.37</b>	<b>471,557.00</b>	<b>2,258.37</b>	<b>100.48%</b>	<b>5,549,501.24</b>	<b>8,907,134.70</b>	<b>-3,357,633.46</b>	<b>62.3%</b>	<b>10,241,158.14</b>	<b>11,180,287.70</b>	<b>-939,129.56</b>	<b>91.6%</b>
<b>Net Ordinary Income</b>	<b>-473,805.23</b>	<b>-471,557.00</b>	<b>-2,248.23</b>	<b>100.48%</b>	<b>3,106,358.87</b>	<b>-302,369.70</b>	<b>3,408,728.57</b>	<b>-1,027.34%</b>	<b>-1,534,890.85</b>	<b>-2,537,960.70</b>	<b>1,003,069.85</b>	<b>60.48%</b>
<b>Other Income</b>												
4210 · Approp Pool-Replenishment	0.00	0.00	0.00	0.0%	1,096,397.47	0.00	1,096,397.47	100.0%	1,096,397.47	0.00	1,096,397.47	100.0%
4220 · Non-Ag Pool-Replenishment	0.00	0.00	0.00	0.0%	24,974.17	0.00	24,974.17	100.0%	24,974.17	0.00	24,974.17	100.0%
4225 · Interest Income	0.00	0.00	0.00	0.0%	3,015.62	0.00	3,015.62	100.0%	10,000.00	0.00	10,000.00	100.0%
4226 · LAIF Fair Market Value	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
4500 · Groundwater Sales	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
4715 · Gain on Sale of Assets	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
<b>Total Other Income</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>1,124,387.26</b>	<b>0.00</b>	<b>1,124,387.26</b>	<b>100.0%</b>	<b>1,131,371.64</b>	<b>0.00</b>	<b>1,131,371.64</b>	<b>100.0%</b>
<b>Other Expense</b>												
5010 · Groundwater Replenishment	0.00	0.00	0.00	0.0%	1,444,941.71	0.00	1,444,941.71	100.0%	1,444,941.71	0.00	1,444,941.71	100.0%
5100 · Other Water Purchases	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%	271,110.41	0.00	271,110.41	100.0%	271,110.41	0.00	271,110.41	100.0%
9997 · Refund-Excess Reserves-NonAg	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9998 · Refund-Recharge Debt-Approp.	0.00	0.00	0.00	0.0%	64,564.00	0.00	64,564.00	100.0%	64,564.00	0.00	64,564.00	100.0%
9999 · To/(From) Reserves	0.00	0.00	0.00	0.0%	0.00	-225,500.00	225,500.00	0.0%	0.00	-225,500.00	225,500.00	0.0%
<b>Total Other Expense</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>1,780,616.12</b>	<b>-225,500.00</b>	<b>2,006,116.12</b>	<b>-789.63%</b>	<b>1,780,616.12</b>	<b>-225,500.00</b>	<b>2,006,116.12</b>	<b>-789.63%</b>
<b>Net Other Income</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>-656,228.86</b>	<b>225,500.00</b>	<b>-881,728.86</b>	<b>-291.01%</b>	<b>-649,244.48</b>	<b>225,500.00</b>	<b>-874,744.48</b>	<b>-287.91%</b>
<b>Net Income</b>	<b>-473,805.23</b>	<b>-471,557.00</b>	<b>-2,248.23</b>	<b>100.48%</b>	<b>2,450,130.01</b>	<b>-76,869.70</b>	<b>2,526,999.71</b>	<b>-3,187.38%</b>	<b>-2,184,135.33</b>	<b>-2,312,460.70</b>	<b>128,325.37</b>	<b>94.45%</b>

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

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

Financial Report - B6  
For Informational Purposes Only

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

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

Financial Report - B6  
For Informational Purposes Only

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

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

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

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TOTAL						740.00
Bill Pmt -Check	03/10/2020	22049	SPECTRUM BUSINESS	2031978022320	1012 · Bank of America Gen'l Ckg	
Bill	02/29/2020	2031978022320		2/23/20-3/22/20	6053 · Internet Expense	800.86
TOTAL						800.86
Bill Pmt -Check	03/10/2020	22050	STAPLES BUSINESS ADVANTAGE	8057577836	1012 · Bank of America Gen'l Ckg	
Bill	02/22/2020	8057577836		Toner cartridges	6031.7 · Other Office Supplies	496.48
TOTAL						496.48
Bill Pmt -Check	03/10/2020	22051	STATE COMPENSATION INSURANCE FUND	1970970-19	1012 · Bank of America Gen'l Ckg	
Bill	03/01/2020	1970970-19		Premium 2/26/20-3/26/20	60183 · Worker's Comp Insurance	532.75
TOTAL						532.75
Bill Pmt -Check	03/10/2020	22052	TELLEZ-FOSTER, EDGAR	Employee Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	03/04/2020	3/04 Ops Staff Mtg		Reimbursement-3/04/20 Ops. staff mtg.	6141.3 · Admin Meetings	93.28
TOTAL						93.28
P55 Bill Pmt -Check	03/10/2020	22053	UNION 76	7076-2245-3035-5049	1012 · Bank of America Gen'l Ckg	
Bill	02/28/2020	7076224530355049		February 2020	6175 · Vehicle Fuel	67.90
TOTAL						67.90
Bill Pmt -Check	03/10/2020	22054	VISION SERVICE PLAN	00-101789-0001	1012 · Bank of America Gen'l Ckg	
Bill	02/26/2020	00101789		Vision Insurance Premiium - March 2020	60182.2 · Dental & Vision Ins	93.83
TOTAL						93.83
Bill Pmt -Check	03/10/2020	22055	WEST POINT MEDICAL CENTER	ALD195360	1012 · Bank of America Gen'l Ckg	
Bill	01/29/2020	ALD195360		Vanessa Aldaz	6016 · New Employee Search Costs	140.00
TOTAL						140.00
Bill Pmt -Check	03/10/2020	22056	WESTERN MUNICIPAL WATER DISTRICT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	02/27/2020	2/27 Board Mtg		2/27/2020 Board Mtg. attendance - Galleano	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	03/12/2020	ACH 031220	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	03/07/2020	03/07/2020	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 02/23/20-03/07/20	2000 · Accounts Payable	8,180.70
TOTAL						8,180.70
Bill Pmt -Check	03/19/2020	22057	ACWA JOINT POWERS INSURANCE AUTHORITY	0641312	1012 · Bank of America Gen'l Ckg	
Bill	03/03/2020	0643052		Prepayment - April 2020	1409 · Prepaid Life, BAD&D & LTD	251.71

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				March 2020	60191 · Life & Disab.Ins Benefits	246.82
TOTAL						498.53
Bill Pmt -Check	03/19/2020	22058	BUSINESS TELECOMMUNICATION SYSTEMS	19258	1012 · Bank of America Gen'l Ckg	
Bill	02/19/2020	9258		Annual Support-Shoretel system 4/20-4/21	6022 · Telephone	1,787.00
TOTAL						1,787.00
Bill Pmt -Check	03/19/2020	22059	CORELOGIC INFORMATION SOLUTIONS	82011089	1012 · Bank of America Gen'l Ckg	
Bill	02/29/2020	82011089		82011089	7103.7 · Grdwtr Qual-Computer Svc	62.50
				82011089	7101.4 · Prod Monitor-Computer	62.50
TOTAL						125.00
Bill Pmt -Check	03/19/2020	22060	CUCAMONGA VALLEY WATER DISTRICT	Office Lease	1012 · Bank of America Gen'l Ckg	
Bill	03/16/2020			Office lease due on April 1, 2020	1422 · Prepaid Rent	7,093.14
TOTAL						7,093.14
Bill Pmt -Check	03/19/2020	22061	DE BOOM, NATHAN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	02/13/2020	2/13 Ag Pool Mtg		2/13/20 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				2/13/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	03/19/2020	22062	EGOSCUE LAW GROUP, INC.	12665	1012 · Bank of America Gen'l Ckg	
Bill	02/28/2020	12665		Ag Pool Legal Service - February 2020	8467 · Ag Legal & Technical Services	15,175.00
TOTAL						15,175.00
Bill Pmt -Check	03/19/2020	22063	FEENSTRA, BOB	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	02/13/2020	2/13 Ag Pool Mtg		2/13/20 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				2/13/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	02/20/2020	2/20 Advisory Comm		2/20/20 Advisory Committee Meeting	8411 · Ag Pool Member Compensation	25.00
				2/20/20 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	02/20/2020	2/20 Personnel Comm		2/20/20 Personnel Committee Meeting	8411 · Ag Pool Member Compensation	25.00
				2/20/20 Personnel Committee Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	02/20/2020	2/20 Exec Committee		2/20/20 Executive Committee Meeting	8411 · Ag Pool Member Compensation	25.00
				2/20/20 Executive Committee Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	02/27/2020	2/27 Board Mtg		2/27/20 Board Meeting	8411 · Ag Pool Member Compensation	25.00
				2/27/20 Board Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						625.00
Bill Pmt -Check	03/19/2020	22064	FILIPPI, GINO	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	02/06/2020	2/06 Admin Mtg		2/06/20 Administrative meeting w/GM	6311 · Board Member Compensation	125.00

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Bill	02/12/2020	2/12 Admin Mtg		2/12/20 Administrative meeting w/GM	6311 · Board Member Compensation	125.00
Bill	02/13/2020	2/13 Ag Pool Mtg		2/13/20 Ag Pool Meeting	6311 · Board Member Compensation	125.00
Bill	02/27/2020	2/27 Board Mtg		2/27/20 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						500.00
<b>Bill Pmt -Check</b>	<b>03/19/2020</b>	<b>22065</b>	<b>FRONTIER COMMUNICATIONS</b>	<b>909-484-3890-050914-5</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	03/17/2020	90948438900509145		Office fax	6022 · Telephone	154.92
TOTAL						154.92
<b>Bill Pmt -Check</b>	<b>03/19/2020</b>	<b>22066</b>	<b>GREAT AMERICA LEASING CORP.</b>	<b>26671135</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	03/17/2020	26671135		Invoice-February 2020 - standard payment	6043.1 · Ricoh Lease Fee	1,581.74
				Supply freight fee	6043.2 · Ricoh Usage & Maintenance Fee	8.57
TOTAL						1,590.31
<b>Bill Pmt -Check</b>	<b>03/19/2020</b>	<b>22067</b>	<b>HUITSING, JOHN</b>	<b>Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	02/13/2020	2/13 Ag Pool Mtg		2/13/20 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				2/13/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
<b>Bill Pmt -Check</b>	<b>03/19/2020</b>	<b>22068</b>	<b>KUHN, BOB</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	02/06/2020	2/06 Exec Comm Mtg		2/06/20 Executive Committee meeting	6311 · Board Member Compensation	125.00
Bill	02/20/2020	2/20 Advisory Comm		2/20/20 Advisory Committee meeting	6311 · Board Member Compensation	125.00
Bill	02/25/2020	2/25 Exec Comm Mtg		2/25/20 Executive Committee meeting	6311 · Board Member Compensation	125.00
Bill	02/27/2020	2/27 Board Mtg		2/27/20 Board meeting	6311 · Board Member Compensation	125.00
TOTAL						500.00
<b>Bill Pmt -Check</b>	<b>03/19/2020</b>	<b>22069</b>	<b>LEGAL SHIELD</b>	<b>111802</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	03/17/2020	111802		Employee deductions - February 2020	60194 · Other Employee Insurance	187.30
TOTAL						187.30
<b>Bill Pmt -Check</b>	<b>03/19/2020</b>	<b>22070</b>	<b>LOEB &amp; LOEB LLP</b>	<b>1878896</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	02/28/2020	1878896		Non-Ag Pool Legal Services - Feb. 2020	8567 · Non-Ag Legal Service	5,378.40
TOTAL						5,378.40
<b>Bill Pmt -Check</b>	<b>03/19/2020</b>	<b>22071</b>	<b>PIETERSMA, RONALD</b>	<b>Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	03/12/2020	3/12 Ag Pool Mtg		3/12/20 Ag Pool Meeting	8411 · Ag Pool Member Compensation	25.00
				3/12/20 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
<b>Bill Pmt -Check</b>	<b>03/19/2020</b>	<b>22072</b>	<b>STAULA, MARY L</b>	<b>Retiree Medical</b>	<b>1012 · Bank of America Gen'l Ckg</b>	

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Bill	03/31/2020			Retiree Medical	60182.4 · Retiree Medical	30.72
TOTAL						30.72
<b>Bill Pmt -Check</b>	<b>03/19/2020</b>	<b>22073</b>	<b>ULLOA, EUNICE</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	12/12/2019	12/12 Appro Pool		12/12/19 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00
Bill	12/19/2019	12/19 Board Mtg		12/19/19 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						250.00
<b>Bill Pmt -Check</b>	<b>03/19/2020</b>	<b>22074</b>	<b>UNITED HEALTHCARE</b>	<b>052529240181</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	03/17/2020	052529240181		Dental Insurance Premium - April 2020	60182.2 · Dental & Vision Ins	927.23
TOTAL						927.23
<b>Bill Pmt -Check</b>	<b>03/19/2020</b>	<b>22075</b>	<b>VERIZON WIRELESS</b>	<b>9849763677</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	02/29/2020	9849763677		Acct #470810953-00001	6022 · Telephone	320.03
TOTAL						320.03
<b>Bill Pmt -Check</b>	<b>03/19/2020</b>	<b>22076</b>	<b>WILDERMUTH ENVIRONMENTAL INC</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	02/28/2020	2020043		2020043	6906.31 · OBMP-Pool, Adv. Board Mtgs	14,834.02
Bill	02/28/2020	2020044		2020044	6906.32 · OBMP-Other General Meetings	6,311.86
Bill	02/28/2020	2020045		2020045	6906.71 · OBMP-Data Req.-CBWM Staff	5,777.90
Bill	02/28/2020	2020046		2020046	6906.72 · OBMP-Data Req.-Non CBWM Staff	1,694.30
Bill	02/28/2020	2020047		2020047	6906.23 · SGMA Reporting Requirements	5,010.30
Bill	02/28/2020	2020048		2020048	6906 · OBMP Engineering Services	1,969.00
Bill	02/28/2020	2020049		2020049	6906.24 · Compliance-SWRCB	509.60
Bill	02/28/2020	2020050		2020050	6906.26 · 2020 OBMP Update	11,205.86
Bill	02/28/2020	2020051		2020051	6906.73 · OBMP-2020 Safe Yield Recalc	39,967.00
Bill	02/28/2020	2020052		2020052	6906.28 · Agriculture Prod. & Estimation	1,664.40
Bill	02/28/2020	2020053		2020053	6906.15 · Integrated Model Mtgs-IEUA Cost	1,355.00
Bill	02/28/2020	2020054		2020054	6906.16 · CBEWP-100% IEUA Cost	8,835.08
Bill	02/28/2020	2020055		2020055	7103.3 · Grdwtr Qual-Engineering	13,447.00
Bill	02/28/2020	2020056		2020056	7104.3 · Grdwtr Level-Engineering	6,853.10
Bill	02/28/2020	2020057		2020057	7107.2 · Grd Level-Engineering	6,690.79
Bill	02/28/2020	2020058		2020058	7107.2 · Grd Level-Engineering	109.50
Bill	02/28/2020	2020059		2020059	7108.31 · Hydraulic Control - PBHSP	16,078.20
Bill	02/28/2020	2020060		2020060	7109.3 · Recharge & Well - Engineering	5,312.05
Bill	02/28/2020	2020061		2020061	7202.2 · Engineering Svc	2,371.37
Bill	02/28/2020	2020062		2020062	7206.1 · SB88 Specs-Ensure Compliance	1,421.65
Bill	02/28/2020	2020063		2020063	7303 · PE3&5-Engineering	1,292.10
Bill	02/28/2020	2020064		2020064	7402 · PE4-Engineering	8,265.55
Bill	02/28/2020	2020065		2020065	7402.10 · PE4 - Northwest MZ1 Area Proj.	3,792.65

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

Financial Report - B6  
For Informational Purposes Only

<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Paid Amount</u>
Bill	02/28/2020	2020066		2020066	7502 · PE6&7-Engineering	2,442.60
Bill	02/28/2020	2020067		2020067	7510 · PE6&7-IEUA Salinity Mgmt. Plan	21,508.30
Bill	02/28/2020	2020068		2020068	7511 · PE6&7-SAWBMPTask Force-50% IEU,	889.00
<b>TOTAL</b>						<b>189,608.18</b>
<b>Bill Pmt -Check</b>	<b>03/19/2020</b>	<b>22077</b>	<b>YUKON DISPOSAL SERVICE</b>	<b>21136525395</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	03/01/2020	21136525395		March 2020	6024 · Building Repair & Maintenance	135.72
<b>TOTAL</b>						<b>135.72</b>
<b>Bill Pmt -Check</b>	<b>03/20/2020</b>	<b>22078</b>	<b>BANK OF AMERICA</b>	<b>XXXX-XXXX-XXXX-9341</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	02/29/2020	XXXX-XXXX-XXXX-9341		Miscellaneous office supplies	6031.7 · Other Office Supplies	41.80
				Miscellaneous office supplies	6031.7 · Other Office Supplies	41.88
				Miscellaneous office supplies	6031.7 · Other Office Supplies	26.86
				Lunch for Approp. Pool mtg. at City of Ontario	8312 · Meeting Expenses	271.70
				Miscellaneous office supplies	6031.7 · Other Office Supplies	139.72
				Miscellaneous office supplies	6031.7 · Other Office Supplies	8.59
				Administrative lunch	6141.3 · Admin Meetings	94.09
				Miscellaneous office supplies	6031.7 · Other Office Supplies	32.19
				Administrative meeting	6141.3 · Admin Meetings	19.35
				Reg. for staff-AGWA-AGWT Annual GW Conf.	6193.2 · Conference - Registration Fee	219.47
				Lunch-staff and consultants for mtg. prep	6909.1 · OBMP Meetings	140.53
				Lunch-staff and consultants for mtg. prep	6909.1 · OBMP Meetings	9.47
				Reg. for staff-AGWA-AGWT Annual GW Conf.	6193.2 · Conference - Registration Fee	927.75
				Lunch for administrative meeting	6141.3 · Admin Meetings	66.69
				Replacement battery for power supply	6055 · Computer Hardware	69.34
				Miscellaneous office supplies	6031.7 · Other Office Supplies	21.06
				Uniforms for office staff	6154 · Uniforms	161.72
				Miscellaneous office supplies	6031.7 · Other Office Supplies	163.28
				Miscellaneous office supplies	6031.7 · Other Office Supplies	17.81
				Lunch for administrative meeting	6141.3 · Admin Meetings	96.88
				Lunch for Board Officers meeting	6312 · Meeting Expenses	101.11
				Miscellaneous office supplies	6031.7 · Other Office Supplies	11.81
				Miscellaneous office supplies	6031.7 · Other Office Supplies	56.74
				Miscellaneous office supplies	6031.7 · Other Office Supplies	120.30
				Miscellaneous office supplies	6031.7 · Other Office Supplies	9.13
				Annual membership for Amazon Prime	6111 · Membership Dues	127.91
				Miscellaneous office supplies	6031.7 · Other Office Supplies	5.28
				Miscellaneous office supplies	6031.7 · Other Office Supplies	10.73
				Lunch for prep meeting for OBMPU IP	6909.1 · OBMP Meetings	161.49
				Lunch for prep meeting for OBMPU IP	6909.1 · OBMP Meetings	10.36

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

Financial Report - B6  
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<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Paid Amount</u>
				Miscellaneous office supplies	6031.7 · Other Office Supplies	332.82
				Lunch for Budget mtg w/WE Inc	6909.1 · OBMP Meetings	81.60
				Miscellaneous office supplies	6031.7 · Other Office Supplies	42.91
				Miscellaneous office supplies	6031.7 · Other Office Supplies	95.66
				PK meeting w/G. Filippi	6312 · Meeting Expenses	9.93
				PK meeting w/Pierson, Curatalo, Kuhn	6312 · Meeting Expenses	67.73
				PK meeting w/CVWD	8312 · Meeting Expenses	25.92
				PK meeting w/R. Hoerning, G. Filippi	8312 · Meeting Expenses	25.77
				PK meeting w/S. Elie	6312 · Meeting Expenses	26.49
				PK meeting w/B. DiPrimio	6312 · Meeting Expenses	44.68
				PK meeting w/J. Bosler, J. Scott-Coe	8312 · Meeting Expenses	39.96
				PK meeting w/M. Litchfield	8312 · Meeting Expenses	17.30
				PK meeting w/City of Ontario	8312 · Meeting Expenses	46.17
				PK meeting w/J. Bosler, C. Fealy	8312 · Meeting Expenses	27.70
<b>TOTAL</b>						<b>4,069.68</b>
<b>Bill Pmt -Check</b>	<b>03/20/2020</b>	<b>22079</b>	<b>GRAINGER</b>	<b>9470312092</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	03/19/2020	9470312092		Miscellaneous supplies	7103.6 · Grdwtr Qual-Supplies	133.19
						<b>133.19</b>
<b>Bill Pmt -Check</b>	<b>03/20/2020</b>	<b>22080</b>	<b>PETTY CASH</b>	<b>2838-2859</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	03/18/2020	2838-2859		Water quality supplies	7103.6 · Grdwtr Qual-Supplies	11.42
				Cleaning supplies/misc office supplies	6031.7 · Other Office Supplies	16.41
				Lunch for legal counsel between Pool mtgs	6909.1 · OBMP Meetings	6.50
				Mileage reimburs. to AJ for PFAS seminar	6173 · Airfare/Mileage	6.53
				Mileage reimburs. to DH for PFAS seminar	6173 · Airfare/Mileage	6.53
				Miscellaneous office supplies - creamer	6031.7 · Other Office Supplies	14.97
				Supplies for Dec. Board mtg	6312 · Meeting Expenses	23.60
				Miscellaneous office supplies - bday cards	6031.7 · Other Office Supplies	6.74
				Supplies for Dec.Admin mtg	6141.3 · Admin Meetings	19.30
				Duplicate keys for office	6031.7 · Other Office Supplies	10.48
				Supplies for 1/10 Admin mtg	6141.3 · Admin Meetings	14.70
				Duplicate keys for office vault	6031.7 · Other Office Supplies	5.25
				Miscellaneous office supplies	6031.7 · Other Office Supplies	17.96
				Cubby cabinet for Boardroom	6031.7 · Other Office Supplies	53.89
				Chain covers for driveway chains	6031.7 · Other Office Supplies	3.49
				Water quality supplies	6031.7 · Other Office Supplies	12.57
				Supplies for 2/07 Admin meeting	6141.3 · Admin Meetings	11.81
				Supplies for 2/05 HR meeting	6141.3 · Admin Meetings	29.97
				Supplies for 1/23 staff meeting	6141.3 · Admin Meetings	7.38

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

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Type	Date	Num	Name	Memo	Account	Paid Amount
				Balloons for Vanessa's desk	6141.3 · Admin Meetings	6.72
				Miscellaneous office supplies	6031.7 · Other Office Supplies	10.36
				Supplies for 2/27/20 staff meeting	6141.3 · Admin Meetings	9.72
<b>TOTAL</b>						<b>306.30</b>
<b>Bill Pmt -Check</b>	<b>03/20/2020</b>	<b>22081</b>	<b>SAN BERNARDINO COUNTY - DEPT. AIRPORT: Lease No. CNO0000773</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	03/19/2020	CNO0000773		Annual rental payment-extensometer site	7107.9 · Grd Level-Other	1,596.00
<b>TOTAL</b>						<b>1,596.00</b>
<b>General Journal</b>	<b>03/20/2020</b>	<b>03/20/2020</b>	<b>ADP, LLC</b>	<b>ADP Tax Service Fees</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
				ADP Tax Service for 02/08/20-553689265	1012 · Bank of America Gen'l Ckg	155.50
				ADP Tax Service for 02/22/20-553689265	1012 · Bank of America Gen'l Ckg	161.55
				ADP Tax Service for 03/07/20-553689265	1012 · Bank of America Gen'l Ckg	161.55
<b>TOTAL</b>						<b>478.60</b>
<b>General Journal</b>	<b>03/21/2020</b>	<b>03/20/2020</b>	<b>Payroll and Taxes for 03/08/20-03/21/20</b>	<b>Payroll and Taxes for 03/08/20-03/21/20</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
				Direct Deposits for 03/08/20-03/21/20	1012 · Bank of America Gen'l Ckg	30,911.95
				Payroll Taxes for 03/08/20-03/21/20	1012 · Bank of America Gen'l Ckg	10,475.62
				457(f) EE Deductions for 03/08/20-03/21/20	1012 · Bank of America Gen'l Ckg	5,476.92
				401(a) EE Deductions for 03/08/20-03/21/20	1012 · Bank of America Gen'l Ckg	1,562.57
<b>TOTAL</b>						<b>48,427.06</b>
<b>Bill Pmt -Check</b>	<b>03/24/2020</b>	<b>22082</b>	<b>BROWNSTEIN HYATT FARBER SCHRECK</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	02/29/2020	795055		795055	6078 · BHFS Legal - Miscellaneous	20,457.80
Bill	02/29/2020	795056		795056	6907.34 · Santa Ana River Water Rights	2,799.90
Bill	02/29/2020	795057		795057	6275 · BHFS Legal - Advisory Committee	1,291.95
Bill	02/29/2020	795058		795058	6375 · BHFS Legal - Board Meeting	5,844.15
Bill	02/29/2020	795059		795059	8375 · BHFS Legal - Appropriative Pool	1,870.65
				Mileage/Parking Expense	8375 · BHFS Legal - Appropriative Pool	50.87
Bill	02/29/2020	795060		795060	8475 · BHFS Legal - Agricultural Pool	1,870.65
				Mileage/Parking Expense	8475 · BHFS Legal - Agricultural Pool	50.87
Bill	02/29/2020	795061		795061	8575 · BHFS Legal - Non-Ag Pool	1,870.65
				Mileage/Parking Expense	8575 · BHFS Legal - Non-Ag Pool	50.87
Bill	02/29/2020	795062		795062	6071 · BHFS Legal - Court Coordination	178.20
Bill	02/29/2020	795063		795063	6907.41 · Prado Basin Habitat Sustain	712.80
Bill	02/29/2020	795064		795064	6907.44 · SGMA Compliance	267.30
Bill	02/29/2020	795065		795065	6907.45 · OBMP Update	13,311.00
Bill	02/29/2020	795066		795066	6907.47 · 2020 Safe Yield Reset	18,536.85
<b>TOTAL</b>						<b>69,164.51</b>

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

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	03/24/2020	22083	GREGORY, CAMILLE	COBRA Reimbursement	1012 - Bank of America Gen'l Ckg	
Bill	03/20/2020			COBRA Reimbursement	60182.1 - Medical Insurance	1,658.87
TOTAL						<u>1,658.87</u>
Bill Pmt -Check	03/24/2020	22084	TOM DODSON & ASSOCIATES	CB271 20-3	1012 - Bank of America Gen'l Ckg	
Bill	03/20/2020	CB271 20-3		February 2020 - OBMP Update PEIR	6908.1 - 2020 OBMP Update-Dodson & Assoc	34,649.55
				March 2020 - OBMP Update PEIR	6908.1 - 2020 OBMP Update-Dodson & Assoc	14,962.50
TOTAL						<u>49,612.05</u>
Bill Pmt -Check	03/26/2020	ACH 032620	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 - Bank of America Gen'l Ckg	
General Journal	03/21/2020	03/21/2020	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 03/08/20-03/21/20	2000 - Accounts Payable	8,180.70
TOTAL						<u>8,180.70</u>
Bill Pmt -Check	03/26/2020	ACH 032620	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 - Bank of America Gen'l Ckg	
Bill	03/01/2020	15966678		Annual Unfunded Accrued Liability-Plan 3299	60180 - Employers PERS Expense	6,655.12
TOTAL						<u>6,655.12</u>
					<b>Total Disbursements:</b>	<u><u>797,329.39</u></u>

# CHINO BASIN WATERMASTER

- II. BUSINESS ITEMS
  - A. 2020 SAFE YIELD RECALCULATION



# CHINO BASIN WATERMASTER

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

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: April 23, 2020  
TO: Board Members  
SUBJECT: 2020 Safe Yield Recalculation (Business Item II.A.)  
SUMMARY:

Issue: The Chino Basin Safe Yield has been recalculated and needs to be submitted to the Court.

Recommendation: Receive a presentation on the Safe Yield recalculation; and establish a special Watermaster Board meeting to consider the Safe Yield Reset recommendations.

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

### Future Consideration

Watermaster Board – April 23, 2020: Information  
Watermaster Board – TBD: Approval [Within WM Duties and Powers]

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### ACTIONS:

Appropriative Pool – April 9, 2020: Provided advice and assistance  
Non-Agricultural Pool – April 9, 2020: Provided advice and assistance  
Agricultural Pool – April 9, 2020: Provided advice and assistance  
Advisory Committee – April 16, 2020: no action taken; discussed a special workshop to receive further information  
Watermaster Board – April 23, 2020:

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

## BACKGROUND

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

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

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

## DISCUSSION

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

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

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

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

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

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

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

Following the meeting and upon completion of Mr. Halligan's peer review, the Safe Yield evaluation, along with the model calibration and planning scenario description, were finalized as documented in the "2020 Safe Yield Recalculation Report" (Report) prepared by Watermaster's Engineer and attached hereto as Attachment 1.

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

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

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

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

The item was discussed further during the April 16, 2020 Advisory Committee meeting. During the meeting Mr. Feenstra on behalf of the OAP requested that Watermaster hold a workshop to review additional questions, and requested that the workshop is scheduled soon, to be followed by a special Advisory Committee meeting to accommodate Watermaster's timely filing with the Court. The AP also submitted a request for a workshop via email in advance of the Advisory Committee meeting (Attachment 2); in its email the AP also requested that Watermaster Board defer its consideration of the item during the April 23, 2020 Board meeting. Pool representatives have been asked to meet with Watermaster staff and consultants to determine the scope of the requested workshop.

To accommodate the request for a workshop the Watermaster Board will need to delay its consideration of the recommendations and schedule a special Board meeting at a later time. The latest date a Board meeting can be held and allow for filing of a motion within the required timeframe is Friday May 22, 2020.

Staff will be presenting material on the Safe Yield Recalculation methodology and process during the April 23, 2020 meeting.

ATTACHMENTS

1. 2020 Safe Yield Recalculation Report (WEI, March 31, 2020)  
Click on this [link](#) to access.
2. Email from John Bosler, Appropriative Pool Chair, to Peter Kavounas; dated April 15, 2020

**II. BUSINESS ITEMS**

**A. 2020 SAFE YIELD RECALCULATION**

**Attachment 1**

Click on this [link](#) for the 2020 Safe Yield Recalculation Report.

**Anna Nelson**

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**To:** Anna Nelson  
**Subject:** RE: Appropriative Pool request regarding SY Reset

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

Dear Peter:

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

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

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

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

Best regards,

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



# CHINO BASIN WATERMASTER

## IV. INFORMATION

1. Ground-Level Monitoring Committee Semi-Annual Status Report



## SEMI-ANNUAL STATUS REPORT OF THE GROUND-LEVEL MONITORING COMMITTEE APRIL 2020

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 October 2019 – March 2020, and the main activities planned for the period April 2020 – October 2020.

### Background

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

The Subsidence Management Plan 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, Watermaster has conducted monitoring and testing programs, and has developed Management Criteria for the groundwater pumpers 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 pumping wells in the MZ-1 Managed Area that are subject to the Subsidence Management Plan.
- 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 pumping so that the water level at the PA-7 piezometer remains above the Guidance Level.

The Subsidence Management Plan also calls for:

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

Since the initial Subsidence Management Plan was adopted by the Watermaster in 2007, Watermaster has conducted the annual GLMP to implement the monitoring and reporting program in no. 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.
- Land subsidence has been occurring in Northwest MZ-1. 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, Watermaster determined that the Subsidence Management Plan needs to be updated to include a *Subsidence Management Plan for Northwest MZ-1* with the long-term objective to minimize or abate the occurrence of differential land subsidence. To assist in this update, the GLMP has been expanded to Northwest MZ-1. The Subsidence Management Plan was updated in 2015 to include the [Work Plan to Develop a Subsidence Management Plan for Northwest MZ-1](#) (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.

#### Activities Performed from October 2019 – March 2020

##### Setup and Maintenance of Monitoring Facilities

- Performed monthly routine maintenance, data collection, and verification at the Ayala Park, Chino Creek, and Pomona Extensometer Facilities.

##### *Northwest MZ-1 Investigation*

- The mechanical components for the Pomona Extensometer (PX) were fabricated and delivered.
- All devices to monitor piezometric and aquifer-system deformation at the PX was ordered and delivered.
- Continued the piezometric monitoring program at wells in Northwest MZ-1.

##### Monitoring and Testing

- Performed quarterly collection, checking, and storing of piezometric and aquifer-system deformation data from the Ayala Park and Chino Creek Extensometer Facilities.
- Guida Surveying, Inc. began the Spring 2020 ground-level surveys across specific areas in western Chino Basin (Northeast Area, Northwest MZ-1, and San Jose Fault Zone).



#### Data Analysis and Reporting

- Finalized the *2018/19 Annual Report of the Ground-Level Monitoring Committee* to the GLMC on October 24, 2019.

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

There was one GLMC meeting conducted during the reporting period on March 5, 2020. The meeting agenda included:

- Review the preliminary results of the Ground-Level Monitoring Program for FY 2019/20.
- Review the recommended scope and budget of the Ground-Level Monitoring Committee for FY 2020/21.

#### Activities Planned for April 2020 – October 2020

##### Setup and Maintenance of Monitoring Facilities

- Perform monthly routine maintenance, data collection, and verification at the Ayala Park Extensometer, Chino Creek Extensometer, and Pomona Extensometer facilities.

##### Monitoring and Testing

- Perform quarterly collection, checking, and storing of piezometric and aquifer-system deformation data from the piezometers and extensometers at the Ayala Park Extensometer, Chino Creek Extensometer, Pomona Extensometer facilities.

##### *Northwest MZ-1 Investigation*

- Bail each of the four PX piezometer casing.
- Install and equip each casing with pressure transducers and cable extensometers.
- Test the monitoring facilities.
- Begin monitoring.
- Continue monitoring piezometric levels and pumping at wells as part of the Northwest MZ-1 Monitoring and Testing Program.

Portions of Tasks 2 and 5 of the Work Plan are planned to continue and/or begin in FY 2020/21:

- Conduct one-year of passive monitoring of piezometric levels and pumping at Northwest MZ-1.
- Update the Northwest MZ-1 hydrogeologic conceptual model by constructing a one-dimensional compaction model at the Pomona Extensometer Facility.

#### Data Analysis and Reporting

- Submit the draft report to the GLMC: *Summary of the Drilling, Construction, and Development Activities for the Pomona Extensometer Facility Piezometers, City of Pomona, California*. The draft report is anticipated to be published in April 2020.
- Draft *2019/20 Annual Report of the Ground-Level Monitoring Committee*. The draft report will be published in late September 2020.



Meetings of the Ground-Level Monitoring Committee

Two GLMC meetings are anticipated between April 2020 and October 2020. The meeting agenda items for each planned meeting will include:

*July 2020*

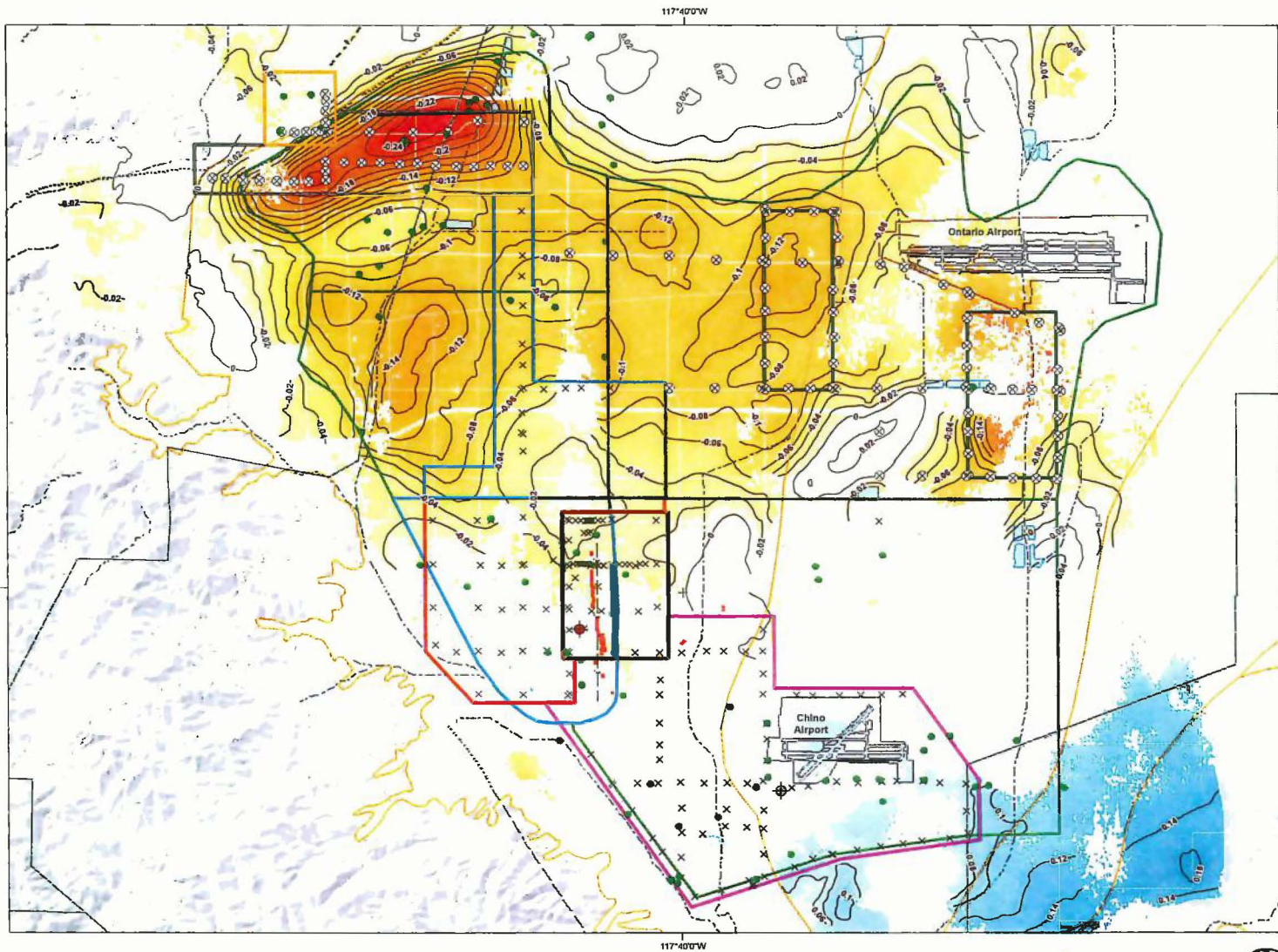
- Discuss the implementation plan of the Ground-Level Monitoring Program for FY 2020/21.

*October 2020*

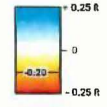
- Review and discuss the draft *2019/20 Annual Report of the Ground-Level Monitoring Committee*.







Relative Change in Land Surface Altitude as Measured by InSAR March 2011 to March 2019



□ InSAR absent or incoherent

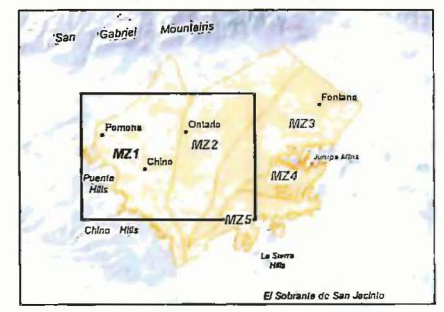
Ground-Level Survey Areas

- Managed Area
- San Jose Fault Zone
- Fissure Zone
- Northwest MZ-1
- Central
- Southeast
- Northeast Area

- Well Equipped with Pressure Transducer or Other Water Level Monitoring Device (2019/20)
- × Ground-Level Survey Benchmark
- Ground-Level Survey Benchmark (Surveyed in February/March 2020)

Groundwater-Level and Aquifer-System Deformation Monitoring

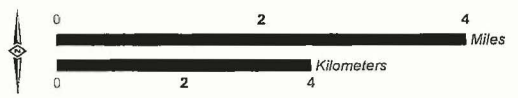
- Ayala Park Extensometer
- Chino Creek Extensometer
- Pomona Extensometer
- MZ-1 Managed Area
- Areas of Subsidence Concern
- Ground Fissures
- Approximate Location of the Riley Barrier



P74



Author: MAB  
Date: 3/27/2020  
Document Name: Figure\_1\_FY2019\_20\_Oct\_Apr



Ground-Level Monitoring Committee  
Ground-Level Monitoring Program

Ground-Level Monitoring Program  
Fiscal Year 2019/20

Figure 1

# CHINO BASIN WATERMASTER

## IV. INFORMATION

2. Chino Airport and South Archibald Plumes Semi-Annual Reports



## SEMI-ANNUAL PLUME STATUS REPORT

### CHINO AIRPORT PLUME

April 2020

#### Contaminants

The County of San Bernardino Department of Airports (County) identifies four primary contaminants associated with the Chino Airport groundwater plume: trichloroethene (TCE), 1,2,3-trichloropropane (1,2,3-TCP), cis-1,2-dichloroethene (cis-1,2-DCE), and 1,2-dichloroethane (1,2-DCA). For each of these contaminants, the table below lists the California maximum contaminant level (MCL) and the maximum concentration detected in groundwater samples collected from wells within the plume area over the last five years.

Contaminant	MCL (µg/l)	Maximum Concentration January 2015 to December 2019 (µg/l)
TCE	5.0	830
1,2,3-TCP	0.005	44
cis-1,2-DCE	6.0	47
1,2- DCA	0.5	1.5

Other contaminants of concern include 1,1-dichloroethene, carbon tetrachloride, and 1,4 dioxane.

#### Location

The Chino Airport is located in the southwestern portion of the Chino Basin within the City of Chino. Exhibit 1 shows the spatial extent of the TCE and 1,2,3-TCP plumes, as delineated by the Chino Basin Watermaster (Watermaster) for the *2018 State of the Basin Report*.<sup>1</sup> The extents are based on the five-year maximum TCE and 1,2,3-TCP concentrations measured over the period of July 2013 to June 2018.

Since 2015, the County has characterized West and East Plumes, originating from two different source areas at the Chino Airport. TCE and 1,2,3-TCP concentrations are higher within the West Plume than the East Plume. The extent of the West Plume is also much larger, extending about 12,700 feet in a predominantly south-southwest direction. The East Plume extends in the same general direction but is only about 3,200 feet long and terminates within the boundary of the Chino Airport property. The most recent characterizations of TCE and 1,2,3-TCP concentrations prepared by the County were done for the *Semiannual Groundwater Monitoring Report-Winter*

<sup>1</sup> Wildermuth Environmental Inc. (2019). *Optimum Basin Management Program - 2018 State of the Basin Report*. Prepared for the Chino Basin Watermaster. June 2019.



and Spring 2019.<sup>2</sup> Exhibit 1 also shows the County's most recent delineation of the plumes with TCE concentrations greater than or equal to 5.0 µg/l and 1,2,3-TCP concentrations greater than or equal to 0.005 µg/l as of 2019. The West and East TCE plumes are comingled and are delineated together as one plume; whereas, the West and East 1,2,3-TCP plumes are delineated as two distinct plumes.

*TCE Plumes.* The extent of the West Plume with detectable TCE concentrations greater than 0.5 µg/l is about 13,000 feet long and 3,500 feet wide. The West TCE plume extends about 9,000 feet southwest from its source area. From the southwest end, the plume extends another 2,400 feet southeast towards the Prado Basin where it terminates near well cluster CAMW16. The change in direction of the plume in this area may be associated with the location of the Central Avenue Fault, the "no-flow" boundary conditions of the Chino Hills, or historical pumping from former production wells. The smaller East TCE Plume is about 2,800 feet long and 2,000 feet wide and merges with the West Plume.

*1,2,3-TCP Plumes.* The extent of the West Plume with detectable 1,2,3-TCP concentrations greater than 0.005 µg/l follows the same general path as the West TCE Plume and extends about 10,500 feet southwest and then another 3,300 feet southeast towards the Prado Basin where it terminates near well cluster CAMW22. The width of the West 1,2,3-TCP Plume ranges from 1,400 to 5,400 feet and averages about 3,300 feet. The East 1,2,3-TCP Plume is disconnected from the West Plume and is significantly smaller, extending about 1,800 feet south of the source.

#### Regulatory Orders – Regional Water Quality Control Board, Santa Ana Region

- Cleanup and Abatement Order (CAO) No. 90-134 for the County of San Bernardino Department of Airports, Chino Airport—Issued to the County to address the groundwater contamination originating from the Chino Airport.
- CAO No. R8-2008-0064 for the San Bernardino County Department of Airports, Chino Airport—Required the County to define the lateral and vertical extent of the plume offsite from the Chino Airport and prepare a remedial action plan (RAP).
- CAO No. R8-2017-0011 for the San Bernardino County Department of Airports, Chino Airport—Required the County to respond to Regional Board comments on the draft Feasibility Study and submit a final Feasibility Study.

#### Regulatory and Monitoring History

In 1990, the Regional Board issued CAO No. 90-134 to address groundwater contamination originating from the Chino Airport. From 1991 to 1992, ten inactive underground storage tanks and 310 containers of hazardous waste were removed, and 81 soil borings were drilled and sampled on the Chino Airport property. From 2003 to 2005, nine onsite monitoring wells were installed and used to collect groundwater quality samples. In 2007, the County conducted its first offsite groundwater characterization effort, which included 22 cone penetrometer tests (CPT) and direct push borings from which water quality samples were collected. In 2008, the Regional

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<sup>2</sup> Tetra Tech. (2019). *Semiannual Groundwater Monitoring Report-Winter and Spring 2019*. Prepared for the County of San Bernardino. December 12, 2019.



Board issued CAO No. R8-2008-0064, requiring the County to define the lateral and vertical extent of the plume offsite and to prepare a RAP. From 2009 to 2012, 33 offsite monitoring wells were installed at 15 locations to characterize the extent of the contamination downgradient from the Chino Airport property.

From 2013 to 2014, the County conducted an extensive investigation of several areas identified for additional characterization of the soil and groundwater contamination associated with the Chino Airport. The investigative work included: piezocone-penetrometer tests, vertical-aquifer-profiling (VAP) borings with depth-discrete groundwater sampling, soil-gas probe sampling, high-resolution soil sampling and analysis, real-time data analysis, and three-dimensional contaminant distribution modeling. Following the completion of this investigative work, from September 2014 through February 2015, an additional 33 groundwater monitoring wells were installed in 17 locations on and adjacent to the Chino Airport property.

The County completed a draft feasibility study in August 2016, identifying remedial action objectives (RAOs) for groundwater contaminants originating from the Chino Airport and evaluating remediation alternatives for mitigation.<sup>3</sup> On January 11, 2017, the Regional Board issued CAO R8-2017-0011 to the County, which superseded CAO R8-2008-0064. The order required that the County: (1) submit a final feasibility study within 60 days of receiving the Regional Board’s comments on the draft feasibility study, (2) submit a final RAP within 60 days of the Regional Board approval of the final feasibility study, (3) implement the RAP in accordance with a Regional Board-approved schedule, and (4) prepare and submit technical reports and work plans as the Regional Board deems necessary. The Regional Board submitted final comments on the draft feasibility study via email on February 8, 2017.<sup>4</sup> The County submitted responses to the Regional Board’s comments along with a revised draft of the feasibility study on March 20, 2017.<sup>5</sup> The Regional Board reviewed and accepted the proposed changes and responses but submitted three additional comments on March 30, 2017.<sup>6</sup> The County submitted the final feasibility study on May 15, 2017.<sup>7</sup> The preferred remedial action identified was a groundwater pump-and-treat system to provide hydraulic containment and treatment of both the West and the East Plumes. The Regional Board approved the final feasibility study on June 7, 2017 and requested that a RAP be prepared.

On December 18, 2017, the County submitted a draft interim remedial action plan (IRAP) for public review and comment, which terminated on April 18, 2018.<sup>8</sup> The IRAP is considered “interim” because the County is moving forward on an interim basis to initiate the remedial action as quickly as possible, but in the future, it could evaluate an expansion of the existing

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<sup>3</sup> Tetra Tech. (2016). *Draft Feasibility Study Chino Airport San Bernardino County, California*. Prepared for the County of San Bernardino, Department of Airports. August 2016.

<sup>4</sup> [https://geotracker.waterboards.ca.gov/view\\_documents?global\\_id=SL208634049&enforcement\\_id=631613](https://geotracker.waterboards.ca.gov/view_documents?global_id=SL208634049&enforcement_id=631613)

<sup>5</sup> [https://geotracker.waterboards.ca.gov/view\\_documents?global\\_id=SL208634049&document\\_id=5916631](https://geotracker.waterboards.ca.gov/view_documents?global_id=SL208634049&document_id=5916631)

<sup>6</sup> [https://geotracker.waterboards.ca.gov/view\\_documents?global\\_id=SL208634049&enforcement\\_id=631616](https://geotracker.waterboards.ca.gov/view_documents?global_id=SL208634049&enforcement_id=631616)

<sup>7</sup> Tetra Tech. (2017). *Final Feasibility Study Chino Airport San Bernardino County, California*. Prepared for the County of San Bernardino, Department of Architecture and Engineering. May 2017.

<sup>8</sup> Tetra Tech. (2017). *Draft Interim Remedial Action Plan*. Chino Airport, San Bernardino County, California. Prepared for the County San Bernardino Department of Airports. December 2017.





remedy or additional remedial actions if necessary. The draft IRAP identified a combination of institutional controls, monitored natural attenuation, and groundwater extraction and ex-situ treatment as the best remedial alternative.

In April 2018, the following CEQA documents for the proposed remedial strategy were published: Notice of Availability/Notice of Intent to Adopt a Mitigated Negative Declaration Chino Airport Groundwater Contamination Remedial Action Plan and the Initial Study Environmental Checklist Form. The public review period for these documents ended on May 10, 2018. The County's responses to comments were published on January 24, 2019, and the filing of the Notice of Determination for the Mitigated Negative Declaration was completed on January 29, 2019.

In August 2018, the County submitted a *Human Health and Screening Ecological Risk Assessment* (HERRA) to the Regional Board.<sup>9</sup> HERRA provides technical support to the IRAP, which identifies preferred remedial actions that will protect human health and the environment and meet the remedy selection criteria of the USEPA National Contingency Plan. HERRA is also part of the County's overall effort to comply with CAO No. R8-2017-0011. It was conducted to evaluate the potential human health and ecological risks from potential exposures to chemicals detected in soil, soil gas, and groundwater associated with the Chino Airport. Overall, the findings show that the hazard level and cancer risk are low. The greatest threat would be to hypothetical future residents, but there are currently no plans for future residential development of the site.

### Remedial Action

The preferred remedial action identified in the IRAP is a groundwater pump-and-treat system, consisting of ten extraction well sites and either one or two granular activated carbon (GAC) treatment systems. In total, the extraction wells are intended to produce between 900 and 1,500 gallons per minute (gpm) of groundwater. The proposed remedial action will also utilize existing CDA wells I-17 and I-18 to pump contaminated groundwater to an additional treatment system. Advancements on the approach and design of the pump-and-treat system are currently underway.

Once treated, the preferred option is to discharge the treated groundwater to the CDA's Chino-I Desalter influent pipeline via a newly constructed pipeline. Currently, the County is working closely with the CDA on this discharge option. If this discharge option is not available, the alternative options are to discharge the treated groundwater to onsite sewers, wastewater treatment plants, or the IEUA recycled water line, or to inject the treated groundwater back into the basin via injection wells that would be constructed at the northeast corner of the Chino Airport. Once the IRAP is approved by the Regional Board, the County will design the pump-and-treat system and prepare the remedial action work plan.

In the meantime, the County has conducted aquifer pumping tests to acquire lithologic and hydraulic data to assist in the design of the groundwater pump-and-treat system. From February to June 2018, the County installed twelve piezometers, eleven monitoring wells, and five

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<sup>9</sup> Tetra Tech. (2018). *Human Health and Screening Ecological Risk Assessment Chino Airport San Bernardino County, California*. Prepared for the County of San Bernardino Department of Airports. August 2018.



extraction wells (two locations). Exhibit 1 shows the piezometer and extraction well cluster locations. Aquifer pumping tests were completed in September 2018, and the findings were submitted to the Regional Board on June 19, 2019.<sup>10</sup>

In addition to planning the pump-and-treat system, the County has destroyed several abandoned and inactive former agricultural wells located on the Airport to prevent them from acting as possible conduits for the vertical migration of contaminants. In June and July of 2018, the County destroyed four former agricultural wells in accordance with the *Former Agricultural Well Destruction Work Plan* submitted to the Regional Board in July 2018.<sup>11</sup> A fifth agricultural is being considered for destruction.

### Monitoring and Reporting Program

Currently, the County conducts quarterly, annual, or biennial water-quality monitoring, and quarterly water-level monitoring at 86 site-related monitoring wells. The sampling frequency is determined by well classification (i.e. background wells, horizontal or vertical extent wells, seasonal/increasing trend wells, and guard wells). The purpose of the groundwater monitoring program is to collect data to track detections of VOCs in groundwater, monitor temporal trends of contaminants, and evaluate changes in each groundwater plume. All data collected by the County are posted on the Regional Board's GeoTracker website.<sup>12</sup> Conclusions from the monitoring program can also be found in the semi-annual reports posted on GeoTracker. The most recent monitoring report *Semiannual Groundwater Monitoring Report-Winter and Spring 2019* was submitted to the Regional Board in December 2019.<sup>13</sup>

Watermaster collects groundwater-quality samples from private wells in the plume area and at its HCMP-4 monitoring well, located in the southern end of the plume. The CDA also collects groundwater-quality samples from its production wells; these data are shared with Watermaster and the County. Watermaster uses data from the County, CDA, and its own sampling to perform an independent characterization of the areal extent and concentration of the TCE and 1,2,3-TCP plumes.

### Recent Activity

On September 25, 2019, the Regional Board provided comments on the IRAP with approval pending response to comments.<sup>14</sup> In a follow-up meeting in November 2019, the Regional Board approved the proposed active cleanup goals of 50 µg/l for TCE and 0.5 µg/l for 1,2,3-TCP for the

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<sup>10</sup> Tetra Tech. (2019). *Well Installation, Well Destruction, and Aquifer Pumping Test Report Chino Airport San Bernardino County, California*. Prepared for the County of San Bernardino Department of Airports. June 2019.

<sup>11</sup> Tetra Tech. (2018). *Former Agricultural Well Destruction Work Plan*. Prepared for the County of San Bernardino. July 2018.

<sup>12</sup> [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=SL208634049](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL208634049)

<sup>13</sup> Tetra Tech. (2019). *Semiannual Groundwater Monitoring Report-Winter and Spring 2019*. Prepared for the County of San Bernardino. December 30, 2019.

<sup>14</sup> Regional Board (2019). Response to the Final Interim Remedial Action Plan for Chino Airport, 7000 Merrill Avenue, Chino – CAO No. R8-2008-0064. September 25, 2019.





offsite portion of the west plume.<sup>15</sup> The Regional Board accepted these target cleanup goals, provided that the following conditions are met: (1) plume capture has been demonstrated; (2) concentrations of TCE and 1,2,3-TCP are below the MCLs in nine sentinel wells<sup>16</sup>; and (3) if concentrations exceed the MCLs in the sentinel wells, the groundwater extraction system will be restarted, and the well network will be evaluated to determine if additional extraction wells are necessary to capture the migrating plume. The Regional Board also requested an explanation for how site-specific risk-based screening levels were derived for TCE and 1,2,3-TCP. This request is in response to the identified potential risk for off-site residential exposure to vapor intrusion levels that may pose a health risk if the off-site plume migrates cross-directionally. The County is continuing to work with the Regional Board to address this concern and all other comments and finalize the IRAP. It is anticipated that the Final IRAP will be approved by summer 2020.

Additionally, the County is currently preparing a data gap work plan for the HERRA to address the outstanding comments from the California Office of Environmental Health Hazard Assessment (OEHHA)<sup>17</sup> and Regional Board<sup>18</sup>.

Increasing concentrations of TCE have been observed recently in wells located along the southeastern plume boundary on the Airport—specifically in well CAMW5 and guard well CAMW48. This increase may indicate that the East Plume is migrating southeast, possibly resulting from downgradient pumping. As such, the County plans to install a cluster of three downgradient wells for long-term monitoring. The County submitted a work plan on December 18, 2019 for the installation of the monitoring well cluster downgradient to the southeast on the Airport property (see Exhibit 1).<sup>19</sup> The Regional Board approved the work plan on February 19, 2020, and the commencement of the field activities will begin during the second quarter of 2020.

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<sup>15</sup> Email from Patricia Hannon at the Regional Board, December 31, 2019.

<sup>16</sup> Initial sentinel wells include: CAMW-22-S/I (guard wells), CAMW-23S/I (guard wells), CAMW-24-S/I (guard wells), and CAMW-12 S/I/D (horizontal and vertical extent wells). As the plume shrinks and the concentrations of TCE and 1,2,3-TCP in the groundwater decrease to the active remediation cleanup goal additional sentinel wells may be selected.

<sup>17</sup> OEHHA. (2018). *Memorandum – Review of Human Health and Screening Ecological Risk Assessment, Chino Airport, San Bernardino County*, Dated April 2018. December 2018.

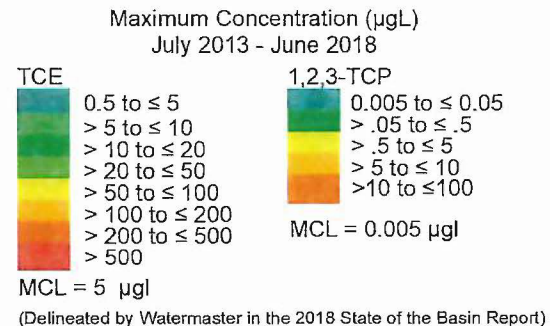
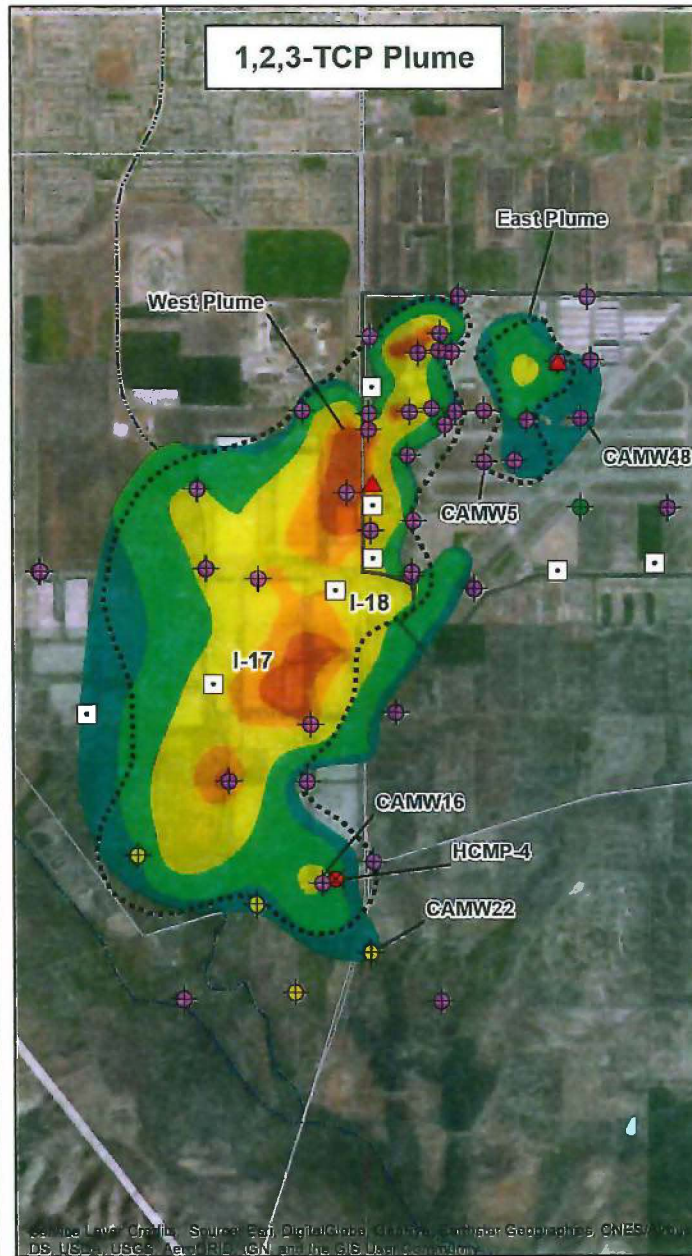
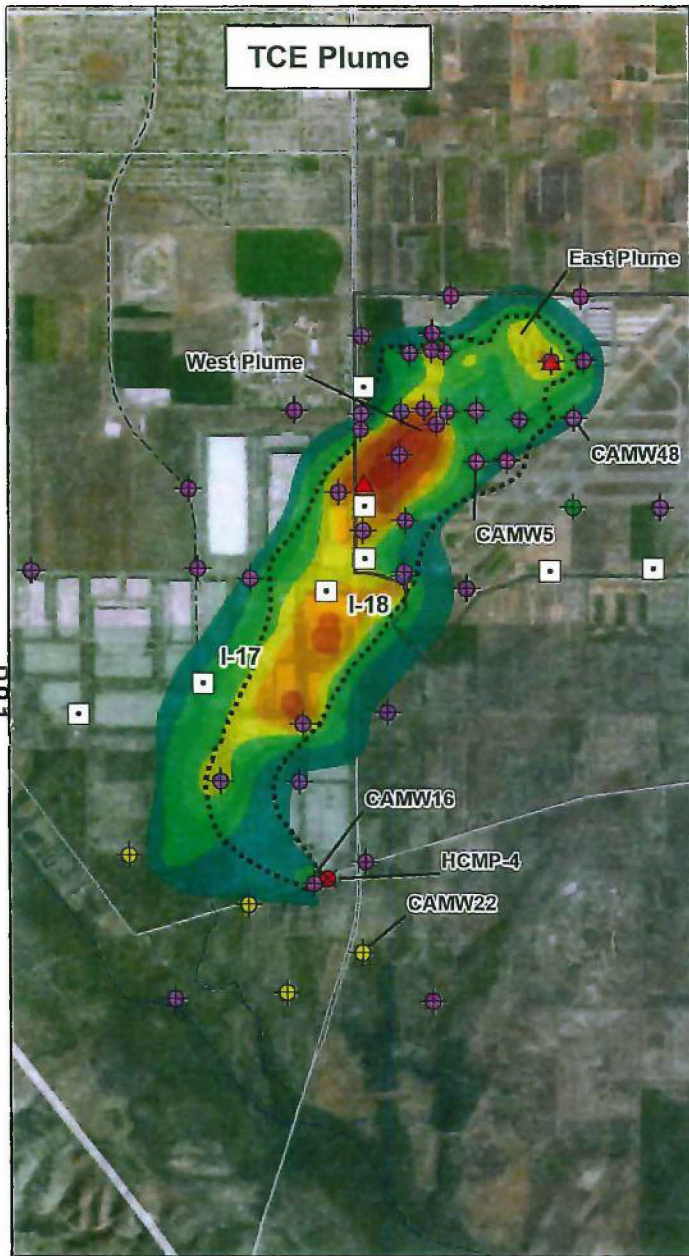
<sup>18</sup> Regional Board (2019). Response to the Final Interim Remedial Action Plan for Chino Airport, 7000 Merrill Avenue, Chino – CAO No. R8-2008-0064. September 25, 2019.

<sup>19</sup> Tetra Tech. (2019). *Work Plan for Installation of Monitoring wells for Additional Plume Characterization, Chino Airport, San Bernardino County, California*. Prepared for the County of San Bernardino. December 2019.

<sup>20</sup> Regional Board. (2020). *Approval of Work Plan for Installation of Monitoring wells for Additional Plume Characterization at Chino Airport Pursuant to Cleanup and Abatement Order No. R8-2008-0064*. February 19, 2020.







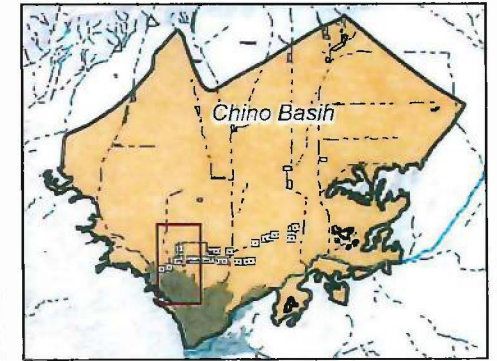
(Delineated by Watermaster in the 2018 State of the Basin Report)

Approximate Extent of TCE (>5 µg/L) or 1,2,3-TCP (>0.005 µg/L) Plume as Delineated by the County of San Bernardino Using Data Through 2019

- County of San Bernardino Monitoring Well (some locations have multiple well casings at various depths)
- Well Constructed Between 2003 and 2018
  - Proposed New Well Cluster (CAMW68-70)
  - Sentinel Well
  - ▲ Piezometer and Extraction Well Cluster
  - Chino Basin Desalter Authority Production Well

~ Streams & Flood Control Channels

▭ Chino Airport Property Boundary



Source: Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community







## SEMI-ANNUAL PLUME STATUS REPORT SOUTH ARCHIBALD PLUME

April 2020

### Contaminants

The primary contaminant is trichloroethene (TCE). The maximum contaminant level (MCL) for TCE is 5 micrograms per liter ( $\mu\text{g/l}$ ). The maximum TCE concentration detected in a groundwater sample collected from wells within the plume during the last five years (January 2015 to December 2019) is 90  $\mu\text{g/l}$ . Other contaminants of concern include: acetone, cis-1,2-dichloroethene, chloroform, and bromodichloromethane.

### Location

The South Archibald TCE plume is located in the southern Chino Basin within the City of Ontario. Exhibit 1 shows the spatial extent of the plume with detectable TCE concentrations equal to or greater than 0.5  $\mu\text{g/l}$ , as delineated by the Chino Basin Watermaster (Watermaster) in 2019 for the *2018 State of the Basin Report*.<sup>1</sup> This extent is based on the five-year maximum TCE concentration measured over the period of July 2013 to June 2018. The TCE plume is about 22,000 feet long, extending southward from State Route 60 to approximately Bellegrave Avenue, and is about 14,000 feet wide extending from Grove Avenue to Turner Avenue.

### Regulatory Orders

- Six 2005 Draft Cleanup and Abatement Orders (CAOs) — Six CAOs were issued in 2005 to the following parties: the Aerojet-General Corporation, The Boeing Company, Northrop Grumman Corporation, Lockheed Martin Corporation, General Electric Corporation and United States Department of Defense.
- Draft CAO R8-2012-00XX for the City of Ontario, City of Upland, and Inland Empire Utilities Agency, Former Ontario-Upland Sewage Treatment Plant (Regional Recycling Plant No. 1), City of Ontario, San Bernardino County — This CAO was issued jointly to the City of Ontario, City of Upland, and Inland Empire Utilities Agency (IEUA).
- Stipulated Settlement and CAO No. R8-2016-0016 for the City of Ontario, the City of Upland, the Inland Empire Utilities Agency, Aerojet Rocketdyne Inc., The Boeing Company, General Electric Company, Lockheed Martin Corporation, and the United States of America, Former Ontario-Upland Sewage Treatment Plant (Regional Recycling Plant No. 1) — This is the final CAO issued to all parties previously issued draft CAOs in 2005 and 2012, excluding Northrop Grumman.

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<sup>1</sup> Wildermuth Environmental, Inc. (2019). *Optimum Basin Management Program – 2018 State of the Basin Report*. Prepared for the Chino Basin Watermaster. June 2019.

### Regulatory and Monitoring History

In the mid-1980s, the Metropolitan Water District of Southern California determined that TCE was present in private wells in the southern Chino Basin as part of its work associated with the Chino Basin Storage Program. The Regional Board confirmed this with subsequent rounds of sampling.

The Regional Board issued Draft CAOs in 2005 for six different parties who were tenants on the Ontario Airport property. On a voluntary basis, four of the parties—Aerojet-General Corporation, The Boeing Company, General Electric Company, and Lockheed Martin Corporation, collectively the ABGL parties, worked together, along with the U.S. Department of Defense, to investigate the source of contamination. Part of the investigations included collecting water-quality samples from private wells and taps at residences and the construction and sampling of four triple-nested monitoring wells (ABGL wells) in the northern portion of the plume. Alternative water systems were provided at private residences in the area where groundwater was contaminated with TCE. In 2008, Regional Board staff conducted research pertaining to the likely source of TCE contamination. Based on their work, Regional Board staff identified discharges of wastewater to the RP-1 treatment plant and associated disposal areas, that potentially contained TCE, as potential sources. The Regional Board identified several industries, including some previously identified tenants of the Ontario Airport property, that likely used TCE solvents before and during the early 1970s, and discharged wastes to the Cities of Ontario and Upland sewage systems tributary to the RP-1 treatment plant and disposal areas. In 2012, an additional Draft CAO was issued by the Regional Board jointly to the City of Ontario, City of Upland, and IEUA as the previous and current operators of the RP-1 treatment plant and disposal area (collectively the RP-1 parties).

Under the Regional Board's oversight from 2007 to 2014, the ABGL parties and the RP-1 parties individually and jointly conducted sampling at private residential wells and taps approximately every two years in the region where groundwater was potentially contaminated with TCE. By 2014, all private wells and taps in the area of the plume had been sampled at least once as part of the sampling program. The report documenting this data was published in November 2014.<sup>2</sup> Both the ABGL and RP-1 parties provided potable water tank systems, where potable water is delivered via truck, to residences in the area where well water contained TCE at or above 80 percent of the MCL for TCE (e.g. equal to or greater than 4.0 µg/l). Residences who declined water tank systems were provided bottled water service.

In July 2015, the RP-1 parties completed a draft feasibility study report for the South Archibald plume (Feasibility Study).<sup>3</sup> The Feasibility Study established cleanup objectives for domestic water supply and plume remediation and evaluated alternatives to accomplish these objectives.

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<sup>2</sup> Eler & Kalinowski, inc. (2014). *Supplemental Data Report Trichloroethene Plume Central Chino Basin*. Prepared for Aerojet Rocketdyne, Boeing, General Electric, and Lockheed Martin. November 19, 2014.

<sup>3</sup> Dudek. (2015). *Draft Feasibility Study Report South Archibald Plume, Ontario, California*. Prepared for City of Ontario, City of Upland, and Inland Empire Utilities Agency. July 2015.





In August 2015, a draft remedial action plan (RAP) was concurrently prepared by the RP-1 parties<sup>4</sup> to present the preferred plume remediation and domestic water supply alternatives. A public review period followed, and two community meetings were held in September 2015 to educate the public about the plume, the Feasibility Study, and the RAP, and to solicit comments on these reports. In November 2015, the revised Draft Feasibility Study<sup>5</sup> and RAP<sup>6</sup> and responses to comments were completed to address input from the public, ABGL, and other parties.

In September 2016, the Regional Board issued the Final Stipulated Settlement and CAO R8-2016-0016 (Stipulated CAO) collectively to the RP-1 parties and the ABGL parties (excluding Northrop Grumman). The Stipulated CAO was adopted by all parties in November 2016, thus approving the preferred *Plume Remediation* and *Domestic Water Supply* alternatives identified in the RAP. The parties also reached a settlement agreement that aligned with the Stipulated CAO and authorized funding to initiate implementation of the plume remediation alternative.

### Remedial Action

*Plume Remediation.* The plume remediation alternative identified in the Feasibility Study, RAP, and Stipulated CAO involves the use of existing and proposed Chino Basin Desalter Authority (CDA) wells and treatment facilities. The RP-1 parties and the CDA reached a Joint Facility Development Agreement<sup>7</sup> for implementation of a project designed to remediate the South Archibald plume. The proposed project includes the construction and operation of three new CDA wells (II-10, II-11, and II-12) and a dedicated pipeline to convey groundwater produced from these wells to the Chino-II Desalter treatment facility where TCE and other VOCs would be removed via air stripping. Existing CDA well I-11 would also be pumped into the air-stripping treatment facility as part of the project. The construction of wells II-10 and II-11 was completed in September 2015. The equipping of these wells was completed in 2018, and pumping initiated at wells II-11 and II-10 in July and September 2018, respectively. The construction of the dedicated raw water pipeline to convey groundwater from the three new wells and well I-11 to the Chino-II Desalter facility is underway. The construction of well II-12 is expected to begin in mid-2020, and the overall project is anticipated to be completed by March 2021.

*Domestic Water Supply.* The domestic water supply alternative identified in the Feasibility Study and RAP is a hybrid between the installation of tank systems for some residences where potable water is delivered from the City of Ontario and the installation of a pipeline to connect some residences to the City of Ontario potable water system. Pursuant to the Stipulated CAO, the Cities of Ontario and Upland have assumed the responsibility for implementing the domestic water supply alternative for private residences currently receiving bottled water due to TCE

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<sup>4</sup> Dudek. (2015). *Draft Remedial Action Plan South Archibald Plume, Ontario, California*. Prepared for City of Ontario, City of Upland, and Inland Empire Utilities Agency. August 2015.

<sup>5</sup> Dudek. (2015). *Draft Feasibility Study Report South Archibald Plume, Ontario, California*. Prepared for City of Ontario, City of Upland, and Inland Empire Utilities Agency. November 2015.

<sup>6</sup> Dudek. (2015). *Draft Remedial Action Plan South Archibald Plume, Ontario, California*. Prepared for City of Ontario, City of Upland, and Inland Empire Utilities Agency. November 2015.

<sup>7</sup> Agreement dated June 22, 2015.



groundwater contamination. In February 2017, the Cities of Ontario and Upland submitted a *Domestic Water Supply Work Plan*<sup>8</sup> to the Regional Board, outlining the approach to provide alternative water supplies to affected residences currently receiving bottled water. The Regional Board approved<sup>9</sup> the work plan on March 3, 2017. At that time, 32 residences were using tank systems that were previously installed, and 21 residences were receiving bottled water. The alternative water supply options included: installation of a tank system, connection to an existing City of Ontario water main, connection to a future City of Ontario water main, or remain on bottled water. In accordance with the schedule in the Stipulated CAO and the work plan, tank systems would be installed within six months of resident consent, connections to Ontario's existing municipal water system would be constructed within three months of resident consent, and construction and connection to a new water main would occur within 18 months of resident consent. Additionally, bottled water would be supplied to any newly affected residents immediately upon determining that TCE is present at concentrations greater than 4 µg/l.

### Monitoring and Reporting

Pursuant to the Stipulated CAO, the Cities of Ontario and Upland are responsible for coordinating and conducting ongoing monitoring of the plume and submitting an annual monitoring report to the Regional Board by December 31 of each year. Pursuant to the November 2016 Stipulated CAO, a *Private Water Supply Well Sampling Work Plan*<sup>10</sup> was submitted to the Regional Board on February 6, 2017 and approved on February 14, 2017.<sup>11</sup> The purpose of sampling is to track the plume extent and potentially affected residences, and to ensure that an alternative water supply is provided to residences using water with TCE concentrations greater than 4 µg/l.

Pursuant to the February 2017 work plan, the Cities of Ontario and Upland conducted four rounds of samplings in 2017, 2018, and 2019, and the results were reported in annual groundwater monitoring reports submitted to the Regional Board. The annual reports are available on the GeoTracker online portal.<sup>12</sup>

In addition to the monitoring performed by the RP-1 parties, Watermaster routinely collects groundwater samples at private wells in the plume area. Watermaster uses the data obtained from its own monitoring efforts, with monitoring data collected by the CDA at the desalter wells, to delineate the South Archibald TCE plume as part of the biennial Chino Basin State of the Basin Report.

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<sup>8</sup> Dudek. (2017). *Domestic Water Supply Work Plan South Archibald Plume, Ontario, California*. Prepared for the City of Ontario, City of Upland. February 2017.

<sup>9</sup> Regional Board. (2017). *Letter from Kurt Berchtold to the City of Ontario. Domestic Water Supply Workplan – South Archibald Trichloroethylene Plume, Ontario, California*. March 3, 2017.

<sup>10</sup> EEC Environmental. (2017). *Workplan – Private Water Supply Well Sampling. Ontario California*. Prepared for the City of Ontario. February 6, 2017.

<sup>11</sup> Regional Board. (2017). *Letter from Kurt Berchtold to the City of Ontario. Private Water Supply Sampling Work Plan – Selected Private Groundwater Wells and Taps, Ontario, California*. February 14, 2017.

<sup>12</sup> [https://geotracker.waterboards.ca.gov/profile\\_report?global\\_id=T10000004658](https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000004658)





## Recent Activity

In accordance with the Stipulated CAO, the Cities of Ontario and Upland conducted annual sampling in October and November 2019 and documented the sampling activities and results in the *2019 Annual Groundwater Monitoring Report*.<sup>13</sup> During the 2019 sampling event, TCE was detected in 32 samples from 36 residential and agricultural wells with TCE concentrations ranging from 0.24 to 74 µg/l. Exhibit 1 shows the extent of TCE plume greater than or equal to 5.0 µg/l, as presented in the *2019 Annual Groundwater Monitoring Report*.

Following the review of the *2019 Annual Groundwater Monitoring Report*, the Regional Board requested<sup>14</sup> the RP-1 parties to submit the *2020 Domestic Water Supply Work Plan* to:

- identify additional private wells in the northeast area of the plume for inclusion in the groundwater quality monitoring program to aid in lateral delineation of the plume,
- provide additional communication to residences and commercial offices located at the center of the plume for alternative water supply,
- re-evaluate the need to incorporate one residence for alternative water supply after the fall 2020 groundwater quality sampling, and
- increase groundwater quality sampling from annual to semi-annual for private wells located at the center of the plume starting in 2021 to better understand the migration of the plume after well II-12 begins operation and TCE extraction.<sup>15</sup>

The RP-1 parties will submit the 2020 work plan to the Regional Board by June 1, 2020. The next annual monitoring event is scheduled for Fall 2020.

*Domestic Water Supply.* As of November 2019, 28 residences are supplied with water by 25 tank systems. Ten of these tank systems are located at the western edge of the plume where TCE concentrations have been stable or declining over time. The City of Ontario installed a tank system for a residence and a commercial office in October 2019. Five residences remain on bottled water supply.

*Plume Remediation.* The construction of an onsite monitoring well near the location for CDA well II-12 was completed in 2019. The design plan for well II-12 was submitted by the CDA in November 2019 and was approved by the Regional Board on December 2019<sup>16</sup>. The bidding process for the construction of well II-12 was completed in February 2020 and it is anticipated that well will be constructed by July 2020.

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<sup>13</sup> Dudek (2019). *Annual Groundwater Monitoring Report South Archibald TCE Plume Ontario, California*. Prepared for the City of Ontario and City of Upland. December 2019.

<sup>14</sup> Regional Board (2020). *Comments on Annual Groundwater Monitoring Report for Private Water Supply Well Sampling, South Archibald TCE Plume*. February 20, 2020.

<sup>15</sup> Sampling frequency may be decreased to annual following analysis of results of the semi-annual groundwater quality.

<sup>16</sup> Regional Board (2019). *Comments on Design Submittals for CDA II-12 Detailed Technical Specification and Raw Water Pipeline Contracts #2/#3 for Inland Empire Utilities Agency and Chino Basin Desalter Authority Clean-up Project (Grant Agreement No. D1712507)*. December 4, 2019.



The complete design plan for raw water pipeline and decarbonator for Chino-II Desalter were submitted and were tentatively approved by the Regional Board in January 2020 with a request to submit additional design reports. Pursuant to the Regional Board request, the CDA submitted the pipeline and decarbonator design report summaries to the Regional Board on February 20, 2020.<sup>17</sup> The estimated completion date for the construction of the raw water pipeline is December 2020.<sup>18</sup>

The CDA is working with the City of Ontario and IEUA on designing a Monitoring and Reporting Plan (M&RP) pursuant to the *Proposition 1 Grant Agreement No. D1712507* for funding expansion of the CDA facilities to cleanup groundwater in the South Archibald plume, termed the *Chino Basin Improvement and Groundwater Clean-up Project*. The California State Water Resources Control Board Division of Drinking Water (DDW) and the Regional Board are both involved in the review process of the M&RP. Pursuant to the Proposition 1 Grant Agreement at least two additional monitoring well clusters (one upgradient, and one downgradient) will be installed to monitor for the effectiveness of TCE removal and the extent of the plume. The M&RP is anticipated to be finalized by mid-2020.

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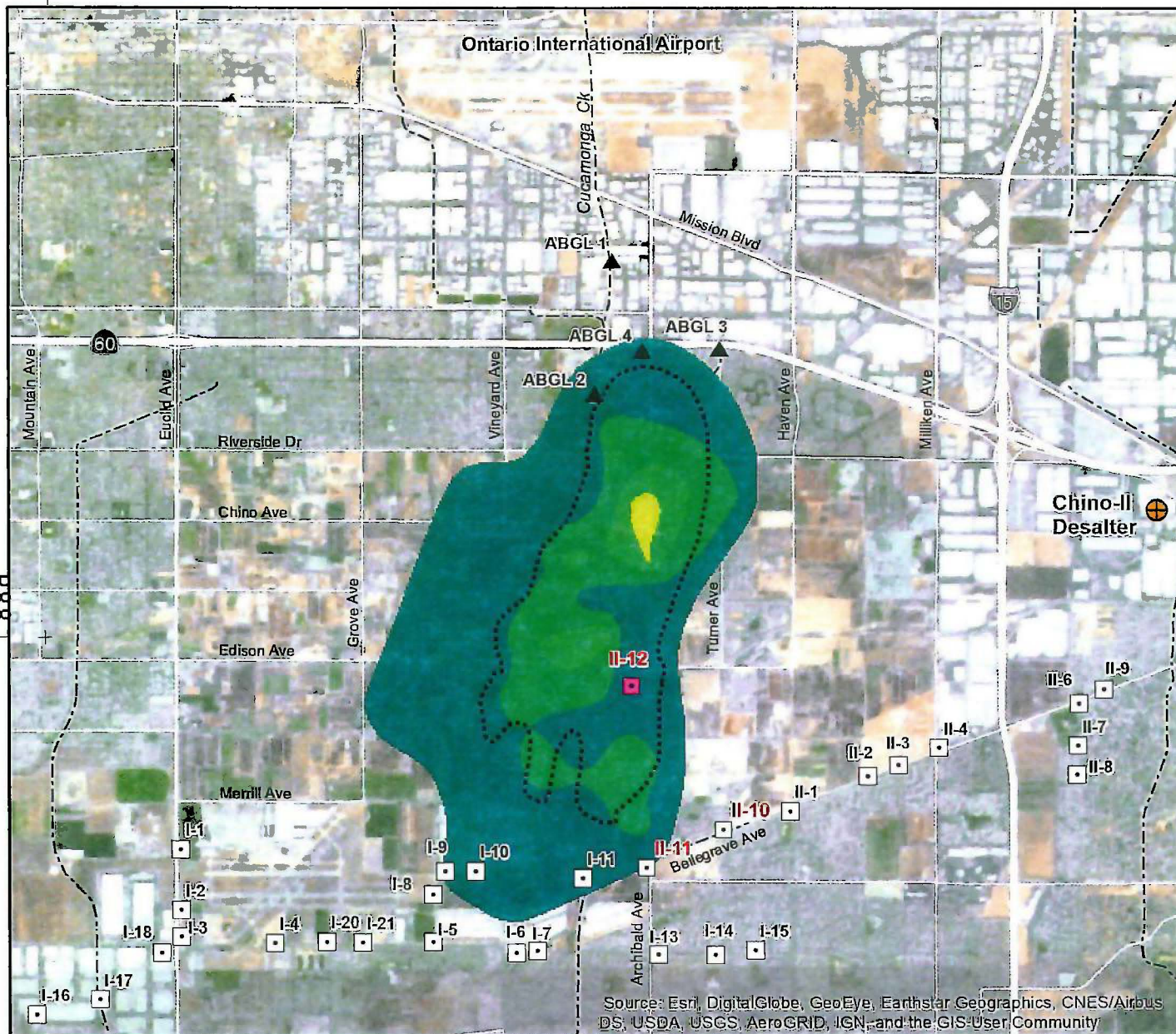
<sup>17</sup> IEUA (2020). *Response to SARWQCB Comments on South Archibald Plume Remedy Pipeline and Decarbonator Design Reports for Stipulated Settlement and Cleanup and Abatement Order No. R8-2016-0016*. February 20, 2020.

<sup>18</sup> CDA Board of Directors January 2020 Meeting Agenda and Minutes.

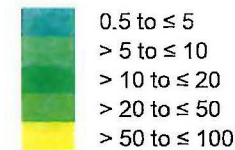




117°40'0"W



Maximum TCE Concentration (µg/l)  
July 2013 to June 2018



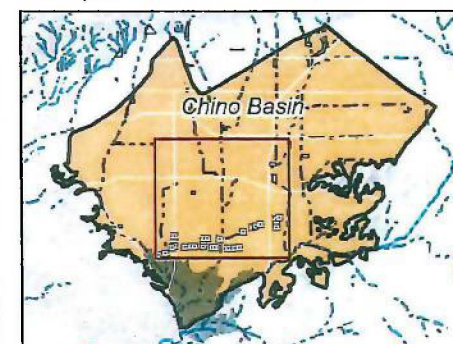
(Delineated by Watermaster in the 2018 State of the Basin Report)

Approximate Extent of TCE greater than or equal to 5 µg/l as delineated in the 2019 Annual Groundwater Monitoring Report (Dudek, 2019)

Chino Basin Desalter Authority  
Production Wells:

- Existing (Constructed Between 1999 and 2015)
- Proposed Well Location
- Chino-II Desalter Treatment Facility
- ▲ ABGL Monitoring Well
- ~ Streams & Flood Control Channels

\*Red labels indicate wells that are specifically discussed in the report.

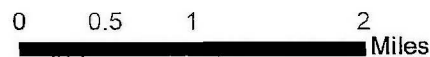


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

117°40'0"W  
Prepared by:



Author: SO  
Date: 3/20/2020  
Name: SouthArchibald\_20200320



CBWM Semiannual Status Report  
April 2020

### South Archibald TCE Plume