

# CHINO BASIN WATERMASTER



## NOTICE OF MEETING

**Thursday, July 21, 2016**

9:00 a.m. – Advisory Committee Meeting

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

# **CHINO BASIN WATERMASTER**

**Thursday, July 21, 2016**

9:00 a.m. – Advisory Committee Meeting

***AGENDA***

**CHINO BASIN WATERMASTER  
ADVISORY COMMITTEE MEETING**

9:00 a.m. – July 21, 2016

**WITH**

*Ms. Rosemary Hoerning, Chair*

*Mr. Brian Geye, Vice-Chair*

**At The Offices Of**

**Chino Basin Watermaster**

9641 San Bernardino Road

Rancho Cucamonga, CA 91730

**AGENDA**

**CALL TO ORDER**

**AGENDA - ADDITIONS/REORDER**

**I. CONSENT CALENDAR**

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

**A. MINUTES**

1. Minutes of the Advisory Committee Meeting held June 16, 2016 *(Page 1)*

**B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of May 2016 *(Page 5)*
2. Watermaster VISA Check Detail for the month of May 2016 *(Page 17)*
3. Combining Schedule for the Period July 1, 2015 through May 31, 2016 *(Page 21)*
4. Treasurer's Report of Financial Affairs for the Period May 1, 2016 through May 31, 2016 *(Page 25)*
5. Budget vs. Actual Report for the Period July 1, 2015 through May 31, 2016 *(Page 29)*

**C. WATER TRANSACTIONS**

1. Notice of Sale or Transfer – The purchase of 2500.000 acre-feet of water from the City of Pomona by Cucamonga Valley Water District. This purchase is made from the City of Pomona's excess carryover account. Date of application: April 28, 2016. *(Page 47)*
2. Notice of Sale or Transfer – The purchase of 4000.000 acre-feet of water from the City of Chino by Fontana Water Company. This purchase is made from the City of Chino's excess carryover account. Date of application: May 3, 2016. *(Page 57)*
3. Notice of Sale or Transfer – The purchase of 6000.000 acre-feet of water from the City of Chino by Fontana Water Company. This purchase is made from the City of Chino's excess carryover account. Date of application: May 3, 2016. *(Page 67)*
4. Notice of Sale or Transfer – The purchase of 3500.000 acre-feet of water from the City of Ontario by Fontana Water Company. This purchase is made from the City of Ontario's excess carryover account. Date of application: May 3, 2016. *(Page 77)*

5. Notice of Sale or Transfer – The purchase of 1000.000 acre-feet of water from the City of Upland by Fontana Water Company. This purchase is made from the City of Upland’s excess carryover account. Date of application: May 3, 2016. *(Page 87)*

**II. BUSINESS ITEMS**  
**NONE**

**III. REPORTS/UPDATES**

**A. LEGAL COUNSEL REPORT**

1. September 23, 2016 Hearing

**B. ENGINEER REPORT**

1. Procedure for Supplemental Water Recharge
2. RMPU Projects Support
3. Proposition 1 – Stormwater Grant Application Support
4. Assistance on Self-Certification Applications
5. 2016 Groundwater Elevation Data for California Statewide Groundwater Elevation Monitoring (CASGEM) Program
6. CY 2015 Permittee Progress Report on Stormwater Recharge to State Board

**C. CFO REPORT**

1. Assessment Invoicing
2. Desalter Replenishment Obligation
3. Exhibit “G” Water Transactions
4. RTS Charge

**D. GM REPORT**

1. Stored Water Accounts – Account Balances
2. SGMA Basin Boundary Modification Update
3. Non-Agricultural Pool Volume Vote
4. Other

**E. INLAND EMPIRE UTILITIES AGENCY**

1. MWD Update *(Page 98)*
2. State and Federal Legislative Reports *(Page 101)*
3. Public Outreach and Communication Report *(Page 109)*

**F. OTHER METROPOLITAN MEMBER AGENCY REPORTS**

**IV. INFORMATION**

1. Cash Disbursements for June 2016 *(Page 113)*
2. RMPU Status Report *(Page 123)*
3. Ground Level Monitoring Status Report *(Page 127)*
4. South Archibald and Chino Airport Plumes Status Report *(Page 135)*

**V. COMMITTEE MEMBER COMMENTS**

**VI. OTHER BUSINESS**

**VII. CONFIDENTIAL SESSION - POSSIBLE ACTION**

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

**VIII. FUTURE MEETINGS AT WATERMASTER**

7/21/16 Thu 8:00 a.m. Appropriative Pool Strategic Planning (Confidential Session Only)  
7/21/16 Thu 9:00 a.m. Advisory Committee Meeting  
7/21/16 Thu 9:30 a.m. Recharge Investigations and Projects Committee (RIPCom)  
7/28/16 Thu 11:00 a.m. Watermaster Board

**ADJOURNMENT**

# **CHINO BASIN WATERMASTER**

## **I. CONSENT CALENDAR**

### **A. MINUTES**

1. Advisory Committee Meeting held on June 16, 2016

**DRAFT MINUTES**  
**CHINO BASIN WATERMASTER**  
**ADVISORY COMMITTEE MEETING**

June 16, 2016

The Advisory Committee meeting was held at the offices of the Chino Basin Watermaster located at 9641 San Bernardino Road, Rancho Cucamonga, CA on June 16, 2016.

**ADVISORY COMMITTEE MEMBERS PRESENT**

**APPROPRIATIVE POOL**

Rosemary Hoerning (Chair)	City of Upland
Todd Corbin	Jurupa Community Services District
Teri Layton	San Antonio Water Company
Sheri Rojo for Josh Swift	Fontana Water Company
Cris Fealy	Fontana Union Water Company
Raul Garibay for Darron Poulsen	City of Pomona
Ryan Shaw for Scott Burton	City of Ontario
Jo Lynne Russo-Pereyra for Marty Zvirbulis	Cucamonga Valley Water District
Dave Crosley	City of Chino
Ron Craig	City of Chino Hills
Justin Scott-Coe	Monte Vista Water District
Van Jew	Monte Vista Irrigation Company

**NON-AGRICULTURAL POOL**

Brian Geye (Vice-Chair)	Auto Club Speedway
Ken Jeske	California Steel Industries (CSI)

**AGRICULTURAL POOL**

Jeff Pierson (2 <sup>nd</sup> Vice-Chair)	Crops
Bob Feenstra	Dairy
Pete Hall	State of California – CIM
Lawrence Dimock	State of California – CIM
Rob Vanden Heuvel	Dairy

**WATERMASTER BOARD MEMBERS PRESENT**

Bob Kuhn	Three Valleys Municipal Water District
Bob Bowcock	Calmat Company (Vulcan Materials Co.)

**WATERMASTER STAFF PRESENT**

Peter Kavounas	General Manager
Joseph Joswiak	Chief Financial Officer
Anna Truong	Recording Secretary
Frank Yoo	Water Resources Senior Associate
Justin Nakano	Water Resources Senior Associate

**WATERMASTER CONSULTANTS PRESENT**

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

**OTHERS PRESENT**

Richard Rees	AMEC
Terry Catlin	Inland Empire Utilities Agency
Rick Hansen	Three Valleys Municipal Water District
John Bosler	Cucamonga Valley Water District
Curtis Paxton	Chino Basin Desalter Authority

**CALL TO ORDER**

Chair Hoerning called the Advisory Committee meeting to order at 9:04 a.m.

**AGENDA - ADDITIONS/REORDER**

None

**I. CONSENT CALENDAR**

**A. MINUTES**

- 1. Minutes of the Advisory Committee Meeting held May 19, 2016

**B. FINANCIAL REPORTS**

- 1. Cash Disbursements for the month of April 2016
- 2. Watermaster VISA Check Detail for the month of April 2016
- 3. Combining Schedule for the Period July 1, 2015 through April 30, 2016
- 4. Treasurer's Report of Financial Affairs for the Period April 1, 2016 through April 30, 2016
- 5. Budget vs. Actual Report for the Period July 1, 2015 through April 30, 2016

**C. CHINO BASIN WATERMASTER 37<sup>TH</sup> ANNUAL REPORT**

Recommend that the Watermaster Board adopt the 37<sup>th</sup> Annual Report, along with filing a copy with the Court, subject to any necessary non-substantive changes.

*(0:00:27)*

*Motion by Mr. Raul Garibay, seconded by Mr. Ken Jeske, and by unanimous vote*

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

**II. BUSINESS ITEMS**

**A. CHINO BASIN WATERMASTER 2015/16 ASSESSMENT PACKAGE**

Approve the Fiscal Year 2015/16 Assessment Package as presented, including no credit for Stormwater New Yield and postponing the assessment of Desalter Replenishment Obligation until the Court's consideration of the 2015 Safe Yield Reset Agreement.

*(0:00:53)* Mr. Kavounas gave a report. A discussion ensued.

*(0:07:30)*

*Motion by Mr. Ken Jeske, seconded by Mr. Jeff Pierson, and by majority vote*

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

No vote by Mr. Dave Crosley – City of Chino



**B. LEVYING REPLENISHMENT AND ADMINISTRATIVE ASSESSMENTS**

Recommend Board adoption of Resolution 2016-08 as presented.

(0:07:59) Mr. Kavounas gave a report.

(0:08:47)

*Motion by Mr. Jeff Pierson, seconded by Mr. Brian Geye, and by majority vote*

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

No vote by Mr. Dave Crosley – City of Chino

**C. SECOND AMENDMENT TO TASK ORDER NO. 1 (2013 RMPU AMENDMENT YIELD ENHANCEMENT PROJECTS – PLANNING, PERMITTING, AND DESIGN)**

Recommend Board approval to amend Task Order No. 1 to reduce the Total Budgeted Cost, and to add the Declez project back to the list of projects.

(0:09:26) Mr. Kavounas gave a report. A discussion ensued.

(0:11:35)

*Motion by Mr. Jeff Pierson, seconded by Mr. Raul Garibay, and by unanimous vote*

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

**D. CHINO BASIN WATERMASTER 2016 BUSINESS PLAN (INFORMATION ONLY)**

(0:12:05) Mr. Kavounas gave a report. A discussion ensued.

**III. REPORTS/UPDATES**

**A. LEGAL COUNSEL REPORT**

1. July 29, 2016 Hearing
2. Order re Denial of Related Cases

(0:13:48) Mr. Herrema gave a report.

**B. ENGINEER REPORT**

1. Watermaster Model Update and Required Demonstrations
  - a. Evaluation of the Cumulative Effects of Transfers
  - b. Evaluation of the Balance of Recharge and Discharge
  - c. Assessment of Adequate Replenishment Capacity
2. 2015 annual report to SWRCB on diversions for recharge
3. Technical support for IEUA grant applications
4. Administrative-draft of 2015 annual report of the GLMC

(0:16:05) Mr. Malone offered the Engineer's Report as was presented at the Pool meetings last week. The Committee declined the report as it was already heard previously.

**C. CFO REPORT**

None

**D. GM REPORT**

- 1. Volume Vote
- 2. 2015/16 Water Transactions
- 3. Recharge Investigations and Projects Committee (RIPCom) Agenda
- 4. Other

(0:16:37) Mr. Kavounas gave a report and added that Veva Weamer from WEI is available to assist parties, and has assisted the WFA, Cucamonga Valley Water District, and City of Pomona with information on self-certification on conservation reporting. A discussion ensued.

**E. INLAND EMPIRE UTILITIES AGENCY**

- 1. MWD Update
- 2. State and Federal Legislative Reports
- 3. Public Outreach and Communication Report

(0:19:54) Mr. Chris Berch gave a report. A discussion ensued.

**F. OTHER METROPOLITAN MEMBER AGENCY REPORTS**

(0:23:21) Mr. Rick Hansen of Three Valleys Municipal Water District gave a report.

**IV. INFORMATION**

- 1. Cash Disbursements for May 2016

**V. COMMITTEE MEMBER COMMENTS**

(0:25:45) Mr. Ken Jeske commented regarding Mr. Gene Koopman and asked that the meeting is adjourned in his memory.

(0:26:47) Mr. Bob Feenstra commented regarding Mr. Gene Koopman.

(0:28:59) Mr. Jeff Pierson thanked the other Pools for their recognition of Mr. Koopman, and also commented regarding Mr. Koopman.

(0:31:13) Chair Hoerning commented regarding Mr. Gene Koopman and asked for a moment of silence in his memory.

**VI. OTHER BUSINESS**

None

**VII. CONFIDENTIAL SESSION - POSSIBLE ACTION**

None

**ADJOURNMENT**

Chair Hoerning adjourned the Advisory Committee meeting in Mr. Gene Koopman's memory.

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

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

# CHINO BASIN WATERMASTER

## **I. CONSENT CALENDAR**

### **B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of May 2016
2. Watermaster VISA Check Detail for the month of May 2016
3. Combining Schedule for the Period July 1, 2015 through May 31, 2016
4. Treasurer's Report of Financial Affairs for the Period May 1, 2016 through May 31, 2016
5. Budget vs. Actual Report for the Period July 1, 2015 through May 31, 2016



# 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: July 21, 2016  
TO: Advisory Committee Members  
SUBJECT: Cash Disbursement Report - Financial Report B1 (May 31, 2016)

### SUMMARY

Issue: Record of Cash Disbursements for the month of May 31, 2016.

Recommendation: Receive and file Cash Disbursements for May 31, 2016 as presented.

Financial Impact: Funds disbursed were included in the FY 2015/16 "Amended" Watermaster Budget.

### Future Consideration

Advisory Committee: July 21, 2016; Receive and File

Watermaster Board: July 28, 2016; Receive and File (Normal Course of Business)

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### ACTIONS:

July 14, 2016 – Appropriative Pool – Unanimously approved

July 14, 2016 – Non-Agricultural Pool – Moved unanimously to receive and file, without approval

July 14, 2016 – Agricultural Pool – Unanimously approved

July 21, 2016 – Advisory Committee –

July 28, 2016 – Watermaster Board –

## BACKGROUND

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

## DISCUSSION

Total cash disbursements during the month of May 2016 were \$788,362.41.

The most significant expenditures during the month were to Wildermuth Environmental, Inc. in the amounts of \$321,374.75 and \$195,867.54 (check number 19373 dated May 3, 2016 and check number 19415 dated May 24, 2016); and Brownstein Hyatt Farber Schreck in the amount of \$109,552.69 (check number 19401 dated May 16, 2016).

## ATTACHMENTS

1. Financial Report - B1

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**May 2016**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	05/03/2016	19373	WILDERMUTH ENVIRONMENTAL INC		1012 · Bank of America Gen'l Ckg	
Bill	03/31/2016	2016096		2016096	6906.31 · OBMP-Pool, Adv. Board Mtgs	7,250.79
Bill	03/31/2016	2016097		2016097	6906.32 · OBMP-Other General Meetings	5,373.00
Bill	03/31/2016	2016098		2016098	6906.74 · OBMP-Mat'l Phy. Injury Requests	538.75
Bill	03/31/2016	2016099		2016099	6910.11 · WEI Support-Grant Funding-RMPU	11,961.25
Bill	03/31/2016	2016100		2016100	6906.71 · OBMP-Data Req.-CBWM Staff	33,270.52
Bill	03/31/2016	2016101		2016101	6906.72 · OBMP-Data Req.-Non CBWM Staff	387.50
Bill	03/31/2016	2016102		2016102	6906.23 · SGMA Reporting Requirements	10,347.00
Bill	03/31/2016	2016103		2016103	6906 · OBMP Engineering Services	8,969.75
Bill	03/31/2016	2016104		2016104	6906.1 · OBMP-Watermaster Model Update	48,334.75
Bill	03/31/2016	2016105		2016105	7103.3 · Grdwtr Qual-Engineering	6,091.25
Bill	03/31/2016	2016106		2016106	7104.3 · Grdwtr Level-Engineering	8,673.09
Bill	03/31/2016	2016107		2016107	7107.2 · Grd Level-Engineering	1,237.50
				Neva Ridge	7107.6 · Grd Level-Contract Svcs	56,000.00
Bill	03/31/2016	2016108		2016108	7107.2 · Grd Level-Engineering	990.42
				Parsons Brinckerhoff, Inc.	7107.6 · Grd Level-Contract Svcs	26,245.70
				Zumasys	7107.6 · Grd Level-Contract Svcs	433.50
Bill	03/31/2016	2016109		2016109	7108.3 · Hydraulic Control-Engineering	12,187.50
Bill	03/31/2016	2016110		2016110	7108.32 · HCMP - Adaptive Mgmt Plan	2,178.75
Bill	03/31/2016	2016111		2016111	7108.31 · Hydraulic Control - PBHSP	5,425.79
Bill	03/31/2016	2016112		2016112	7109.3 · Recharge & Well - Engineering	193.75
Bill	03/31/2016	2016113		2016113	7202.2 · Engineering Svc	10,550.37
Bill	03/31/2016	2016114		2016114	7402 · PE4-Engineering	26,099.43
				Michael C. Carpenter	7403 · PE4-Contract Svcs	6,200.00
Bill	03/31/2016	2016115		2016115	7402.10 · PE4 - Northwest MZ1 Area Proj.	15,103.96
Bill	03/31/2016	2016116		2016116	6906.73 · OBMP-Safe Yield Recalculation	5,759.43
Bill	03/31/2016	2016117		2016117	6910.10 · IRP Groundwater Modeling-WEI	2,070.00
Bill	03/31/2016	2016118		2016118	6910.12 · WEI Support-Stormwater Recharge	9,117.00
Bill	03/31/2016	2016119		2016119	6910.13 · IEUA-San Sevaine Imp. Proj.	384.00
TOTAL						321,374.75
General Journal	05/07/2016	05/07/2016	Payroll and Taxes for 04/24/16-05/07/16	Payroll and Taxes for 04/24/16-05/07/16	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 04/24/16-05/07/16	1012 · Bank of America Gen'l Ckg	19,416.56
				Payroll Taxes for 04/24/16-05/07/16	1012 · Bank of America Gen'l Ckg	6,882.03
				Payroll Checks for 04/24/16-05/07/16	1012 · Bank of America Gen'l Ckg	1,075.16
			ICMA-RC	457(f) Employee Deductions for 04/24/16-05/07/16	1012 · Bank of America Gen'l Ckg	3,324.52
			ICMA-RC	401(a) Employee Deductions for 04/24/16-05/07/16	1012 · Bank of America Gen'l Ckg	945.28
TOTAL						31,643.55
Bill Pmt -Check	05/12/2016	19374	APPLIED COMPUTER TECHNOLOGIES	2668	1012 · Bank of America Gen'l Ckg	

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CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
May 2016

Financial Report - B1

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	04/30/2016	2668		Database Consulting Services - April 2016	6052.2 · Applied Computer Technol	3,319.00
TOTAL						3,319.00
Bill Pmt -Check	05/12/2016	19375	CHARTER COMMUNICATIONS	8245100651455350	1012 · Bank of America Gen'l Ckg	
Bill	05/02/2016	8245100651455350		5/06/16-6/05/16	6053 · Internet Expense	64.99
TOTAL						64.99
Bill Pmt -Check	05/12/2016	19376	COMPUTER NETWORK	100958	1012 · Bank of America Gen'l Ckg	
Bill	05/02/2016	100958		System memory diagnostics and repair	6055 · Computer Hardware	192.20
TOTAL						192.20
Bill Pmt -Check	05/12/2016	19377	DE HAAN, HENRY	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/14/2016	4/14 Ag Pool Mtg		Ag Pool Member Compensation	8411 · Compensation	25.00
				4/14/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	05/12/2016	19378	FEENSTRA, BOB	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/14/2016	4/14 Ag Pool Mtg		Ag Pool Member Compensation	8411 · Compensation	25.00
				4/14/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
P8 Bill	04/22/2016	4/22 Mtg w/PK		4/22/16 Ag Pool Business mtg w/PK	8470 · Ag Meeting Attend -Special	125.00
TOTAL						250.00
Bill Pmt -Check	05/12/2016	19379	FRONTIER COMMUNICATIONS	909-484-3890-050914-5	1012 · Bank of America Gen'l Ckg	
Bill	05/02/2016	90948438900503145		909-484-3890-050914-5	6022 · Telephone	138.34
TOTAL						138.34
Bill Pmt -Check	05/12/2016	19380	HOGAN LOVELLS	2979127	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2016	2979127		Non-Ag Pool Legal Services - March 2016	8567 · Non-Ag Legal Service	1,124.55
TOTAL						1,124.55
Bill Pmt -Check	05/12/2016	19381	HUITSING, JOHN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/14/2016	4/14 Ag Pool Mtg		Ag Pool Member Compensation	8411 · Compensation	25.00
				4/14/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	05/12/2016	19382	LEVEL 3 COMMUNICATIONS	43469310	1012 · Bank of America Gen'l Ckg	
Bill	04/27/2016	43469310		4/17/16-5/16/16	6053 · Internet Expense	1,087.54
TOTAL						1,087.54
Bill Pmt -Check	05/12/2016	19383	MINDSHIFT	0216650	1012 · Bank of America Gen'l Ckg	

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**May 2016**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	04/29/2016	0216650		Graphic cards for (2) servers in IT room	6055 · Computer Hardware	238.28
TOTAL						<u>238.28</u>
Bill Pmt -Check	05/12/2016	19384	PARK PLACE COMPUTER SOLUTIONS, INC.	512	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2016	512		IT Consulting Services - April 1-30, 2016	6052.1 · Park Place Comp Solutn	3,000.00
TOTAL						<u>3,000.00</u>
Bill Pmt -Check	05/12/2016	19385	PAYCHEX	2016042800	1012 · Bank of America Gen'l Ckg	
Bill	04/29/2016	2016042800		April 2016	6012 · Payroll Services	362.30
TOTAL						<u>362.30</u>
Bill Pmt -Check	05/12/2016	19386	PIERSON, JEFFREY	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/14/2016	4/14 Ag Pool Mtg		Ag Pool Member Compensation	8411 · Compensation	25.00
				4/14/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	04/21/2016	4/21 RIPCom Mtg		4/21/16 RIPCom Meeting	8470 · Ag Meeting Attend -Special	125.00
TOTAL						<u>250.00</u>
Bill Pmt -Check	05/12/2016	19387	PREMIERE GLOBAL SERVICES	21020635	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2016	21020635		Call w/auditors on 3/28	6062 · Audit Services	6.37
				Court hearing prep call on 3/28	6909.1 · OBMP Meetings	6.13
				WM coordination call on 3/28	6909.1 · OBMP Meetings	6.13
				SGMA compliance call on 3/28	6906.23 · SGMA Reporting Requirements	32.36
				WM coordination call on 4/04	6909.1 · OBMP Meetings	25.50
				Non-Ag Pool meeting call on 4/14	8512 · Meeting Expense	12.77
				Basin Boundary call on 4/21	6909.1 · OBMP Meetings	27.10
				Basin Boundary call on 4/21	6909.1 · OBMP Meetings	6.12
				Basin Boundary call on 4/21	6909.1 · OBMP Meetings	17.43
				WM coordination call on 4/25	6909.1 · OBMP Meetings	9.31
				Fee - Confidential	6022 · Telephone	49.00
				Fee - General	6022 · Telephone	49.00
				Fee - Service	6022 · Telephone	5.23
TOTAL						<u>252.45</u>
Bill Pmt -Check	05/12/2016	19388	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
Bill	05/03/2016	1394905143		Annual Unfunded Accrued Liability	60180 · Employers PERS Expense	3,077.00
TOTAL						<u>3,077.00</u>
Bill Pmt -Check	05/12/2016	19389	READY REFRESH BY NESTLE	0023230253	1012 · Bank of America Gen'l Ckg	
Bill	04/27/2016	0023230253		Office Water Bottle - April 2016	6031.7 · Other Office Supplies	102.43
TOTAL						<u>102.43</u>



**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**May 2016**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	05/12/2016	19390	RR FRANCHISING, INC.	21564	1012 · Bank of America Gen'l Ckg	
Bill	05/02/2016	21564		Janitorial Service - May 2016	6024 · Building Repair & Maintenance	740.00
TOTAL						<u>740.00</u>
Bill Pmt -Check	05/12/2016	19391	STATE COMPENSATION INSURANCE FUND	1970970-15	1012 · Bank of America Gen'l Ckg	
Bill	04/27/2016	1970970-15		1970970-15	60183 · Worker's Comp Insurance	961.58
TOTAL						<u>961.58</u>
Bill Pmt -Check	05/12/2016	19392	UNION 76	7076-2245-3035-5049	1012 · Bank of America Gen'l Ckg	
Bill	04/29/2016	7076224530355049		Fuel - April 2016	6175 · Vehicle Fuel	215.46
TOTAL						<u>215.46</u>
Bill Pmt -Check	05/12/2016	19393	UNITED HEALTHCARE	0040385166	1012 · Bank of America Gen'l Ckg	
Bill	04/25/2016	0040385166		Dental Insurance Premium - May 2016	60182.2 · Dental & Vision Ins	873.99
TOTAL						<u>873.99</u>
Bill Pmt -Check	05/12/2016	19394	USA-FACT INC	6042922	1012 · Bank of America Gen'l Ckg	
Bill	04/19/2016	6042922		Background check for candidate	6016 · New Employee Search Costs	118.58
TOTAL						<u>118.58</u>
Bill Pmt -Check	05/12/2016	19395	VANDEN HEUVEL, ROB	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/14/2016	4/14 Ag Pool Mtg		Ag Pool Member Compensation	8411 · Compensation	25.00
				4/14/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						<u>125.00</u>
Bill Pmt -Check	05/12/2016	19396	VERIZON WIRELESS	9763698997	1012 · Bank of America Gen'l Ckg	
Bill	04/21/2016	9763698997		9763698997	7103.7 · Grdwtr Qual-Computer Svc	100.04
TOTAL						<u>100.04</u>
Bill Pmt -Check	05/12/2016	19397	VISION SERVICE PLAN	00-101789-0001	1012 · Bank of America Gen'l Ckg	
Bill	04/25/2016	001017890001		Vision Insurance Premium - May 2016	60182.2 · Dental & Vision Ins	73.46
TOTAL						<u>73.46</u>
Bill Pmt -Check	05/12/2016	19398	YUKON DISPOSAL SERVICE	08-K2 213849	1012 · Bank of America Gen'l Ckg	
Bill	05/03/2016	08-k2 213849		Disposal Service - May 2016	6024 · Building Repair & Maintenance	111.57
TOTAL						<u>111.57</u>
Bill Pmt -Check	05/12/2016	19399	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
Bill	04/21/2016	1394905143		Fees for GASB-68 Reports & Schedules	60180 · Employers PERS Expense	1,300.00

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
May 2016

Financial Report - B1

Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAL						1,300.00
Bill Pmt -Check	05/12/2016	19400	STAPLES BUSINESS ADVANTAGE	8038910083	1012 · Bank of America Gen'l Ckg	
Bill	04/16/2016	8038910083		Miscellaneous office supplies	6031.7 · Other Office Supplies	248.03
TOTAL						248.03
Bill Pmt -Check	05/13/2016	ACH 051316	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	05/07/2016	05/13/2016	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 04/24/16-05/07/16	2000 · Accounts Payable	5,343.90
TOTAL						5,343.90
Check	05/16/2016	05/16/2016	Service Charge	Service Charge	1012 · Bank of America Gen'l Ckg	
				Service Charge	6039.1 · Banking Service Charges	402.71
TOTAL						402.71
Bill Pmt -Check	05/16/2016	19401	BROWNSTEIN HYATT FARBER SCHRECK		1012 · Bank of America Gen'l Ckg	
Bill	03/31/2016	636555		636555	6078 · BHFS Legal - Miscellaneous	8,247.15
				Expenses	8375 · BHFS Legal - Appropriative Pool	23.54
				Expenses	8475 · BHFS Legal - Agricultural Pool	23.54
				Expenses	8575 · BHFS Legal - Non-Ag Pool	23.54
				Expenses	6375 · BHFS Legal - Board Meeting	1,125.00
Bill	03/31/2016	636556		Alvarez-CalPERS	6073 · BHFS Legal - Personnel Matters	10,143.90
				Personnel	6073 · BHFS Legal - Personnel Matters	1,377.00
				Maurizio	6073 · BHFS Legal - Personnel Matters	5,490.00
				Expenses	6073 · BHFS Legal - Personnel Matters	10.00
Bill	03/31/2016	636557		636557	6907.34 · Santa Ana River Water Rights	535.50
Bill	03/31/2016	636558		636558	6275 · BHFS Legal - Advisory Committee	879.75
				Expenses	6275 · BHFS Legal - Advisory Committee	35.31
Bill	03/31/2016	636559		636559	6375 · BHFS Legal - Board Meeting	5,621.40
				Expenses	6375 · BHFS Legal - Board Meeting	35.31
Bill	03/31/2016	636560		636560	8375 · BHFS Legal - Appropriative Pool	1,147.50
Bill	03/31/2016	636561		636561	8475 · BHFS Legal - Agricultural Pool	1,147.50
Bill	03/31/2016	636562		636562	8575 · BHFS Legal - Non-Ag Pool	1,147.50
Bill	03/31/2016	636563		636563	6071 · BHFS Legal - Court Coordination	1,286.55
Bill	03/31/2016	636564		636564	6907.39 · Recharge Master Plan	1,721.25
Bill	03/31/2016	636565		636565	6907.41 · Prado Basin Habitat Sustain	535.50
Bill	03/31/2016	636566		636566	6907.42 · Safe Yield Recalculation	49,884.30
				Maurizio	6073 · BHFS Legal - Personnel Matters	105.30
				Expenses	6907.42 · Safe Yield Recalculation	88.80
Bill	03/31/2016	636567		636567	6907.44 · SGMA Compliance	18,917.55
TOTAL						109,552.69

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**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**May 2016**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	05/16/2016	19402	ACWA JOINT POWERS INSURANCE AUTHORITY	0411047	1012 · Bank of America Gen'l Ckg	
Bill	05/09/2016	0411047		Prepayment - June 2016	1409 · Prepaid Life, BAD&D & LTD	116.32
				May 2016	60191 · Life & Disab.Ins Benefits	<u>142.36</u>
TOTAL						258.68
Bill Pmt -Check	05/16/2016	19403	EGOSCUE LAW GROUP	11254	1012 · Bank of America Gen'l Ckg	
Bill	05/12/2016	11254		Ag Pool Legal Services - April 2016	8467 · Ag Legal & Technical Services	13,767.50
TOTAL						<u>13,767.50</u>
Bill Pmt -Check	05/16/2016	19404	GEOTECHNICAL SERVICES	22272	1012 · Bank of America Gen'l Ckg	
Bill	05/11/2016	22272		22272	7104.7 · Grdwtr Level-WM Staff-Cap Equip	6,471.72
TOTAL						<u>6,471.72</u>
Bill Pmt -Check	05/16/2016	19405	KAVOUNAS, PETER	Travel Expense Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	05/09/2016			Travel-ACWA Conference	6171.1 · GM - Reimbursement	411.41
TOTAL						<u>411.41</u>
P12 Bill Pmt -Check	05/16/2016	19406	MINDSHIFT	0218078	1012 · Bank of America Gen'l Ckg	
Bill	05/12/2016	0218078		Managed IT Services - May 2016	6052.4 · mindSHIFT Technologies, Inc.	3,770.00
TOTAL						<u>3,770.00</u>
Bill Pmt -Check	05/16/2016	19407	PITNEY BOWES CREDIT CORPORATION	0011526621	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2016	0011526621		Postage meter lease	6044 · Postage Meter Lease	402.84
TOTAL						<u>402.84</u>
Bill Pmt -Check	05/16/2016	19408	R&D PEST SERVICES	0201496	1012 · Bank of America Gen'l Ckg	
Bill	05/12/2016	0201496		Pest control-ant and flea	6024 · Building Repair & Maintenance	100.00
TOTAL						<u>100.00</u>
Bill Pmt -Check	05/16/2016	19409	RAUCH COMMUNICATION CONSULTANTS, LLC	Apr-1606	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2016	Apr-1606		Progress Billing - Work thru April 30, 2016	6061.3 · Rauch	1,800.00
TOTAL						<u>1,800.00</u>
Bill Pmt -Check	05/16/2016	19410	STAPLES BUSINESS ADVANTAGE	8039122983	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2016	8039122983		Miscellaneous office supplies	6031.7 · Other Office Supplies	3.99
TOTAL						<u>3.99</u>
Bill Pmt -Check	05/16/2016	19411	THOMAS HARDER & CO	14	1012 · Bank of America Gen'l Ckg	
Bill	05/09/2016	14		Replace lost check #18701 issued on 6/16/2015	8306 · Consulting/Engineering Services	510.00

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
May 2016

TOTAL	Type	Date	Num	Name	Memo	Account	Paid Amount
							510.00
	General Journal	05/16/2016	05/16/2016	Adjust for Voided Check - \$510.00	Adjust for Voided Check - 18701 for \$510.00	1012 · Bank of America Gen'l Ckg	
					Adjust for Voided Check - \$510.00	8306 · Consulting/Engineering Services	-510.00
TOTAL							-510.00
	Bill Pmt -Check	05/16/2016	19412	UNITED PARCEL SERVICE	2x81x0	1012 · Bank of America Gen'l Ckg	
	Bill	05/03/2016	2x81x0		Package to B. Ruiz	6042 · Postage - General	30.30
TOTAL							30.30
	Bill Pmt -Check	05/16/2016	19413	VERIZON	470810953-00001	1012 · Bank of America Gen'l Ckg	
	Bill	05/12/2016	470810953-00001		470810953-00001	6022 · Telephone	299.59
TOTAL							299.59
	General Journal	05/21/2016	05/21/206	Payroll and Taxes for 05/08/16-05/21/16	Payroll and Taxes for 05/08/16-05/21/16	1012 · Bank of America Gen'l Ckg	
					Direct Deposits for 05/08/16-05/21/16	1012 · Bank of America Gen'l Ckg	29,837.54
					Payroll Taxes for 05/08/16-05/21/16	1012 · Bank of America Gen'l Ckg	9,804.84
					Payroll Taxes for 05/08/16-05/21/16	1012 · Bank of America Gen'l Ckg	432.56
					Payroll Checks for 05/08/16-05/21/16	1012 · Bank of America Gen'l Ckg	1,084.36
				ICMA-RC	457(b) Employee Deductions for 05/08/16-05/21/16	1012 · Bank of America Gen'l Ckg	3,324.52
				ICMA-RC	401(a) Employee Deductions for 05/08/16-05/21/16	1012 · Bank of America Gen'l Ckg	945.28
TOTAL							45,429.10
	Bill Pmt -Check	05/23/2016	19414	LAW OFFICE OF JOSHUA Y. LEE	Legal Services	1012 · Bank of America Gen'l Ckg	
	Bill	05/23/2016				6011 · WM Staff Salaries	11,134.10
TOTAL							11,134.10
	Bill Pmt -Check	05/24/2016	19415	WILDERMUTH ENVIRONMENTAL INC		1012 · Bank of America Gen'l Ckg	
	Bill	04/30/2016	2016140		2016140	6906.31 · OBMP-Pool, Adv. Board Mtgs	1,995.68
	Bill	04/30/2016	2016141		2016141	6906.32 · OBMP-Other General Meetings	1,185.00
	Bill	04/30/2016	2016142		2016142	6906.74 · OBMP-Mat'l Phy. Injury Requests	1,748.75
	Bill	04/30/2016	2016143		2016143	6910.11 · WEI Support-Grant Funding-RMPU	8,864.61
	Bill	04/30/2016	2016144		2016144	6906.71 · OBMP-Data Req.-CBWM Staff	20,743.50
	Bill	04/30/2016	2016145		2016145	6906.72 · OBMP-Data Req.-Non CBWM Staff	430.00
	Bill	04/30/2016	2016146		2016146	6906.23 · SGMA Reporting Requirements	232.50
	Bill	04/30/2016	2016147		2016147	6906 · OBMP Engineering Services	1,731.25
	Bill	04/30/2016	2016148		2016148	6906.1 · OBMP-Watermaster Model Update	32,499.75
	Bill	04/30/2016	2016149		2016149	7103.3 · Grdwtr Qual-Engineering	503.75
	Bill	04/30/2016	2016150		2016150	7104.3 · Grdwtr Level-Engineering	9,554.23
	Bill	04/30/2016	2016151		2016151	7107.2 · Grd Level-Engineering	9,364.99

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**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**May 2016**

Type	Date	Num	Name	Memo	Account	Paid Amount
				GR Wilcoxson, Inc.	7107.6 · Grd Level-Contract Svcs	3,600.00
				Michael C. Carpenter	7107.6 · Grd Level-Contract Svcs	4,976.00
				Parsons Birnckerhoff, Inc.	7107.6 · Grd Level-Contract Svcs	26,654.78
				Western Gunn Hydrology, LLC	7107.6 · Grd Level-Contract Svcs	5,490.94
Bill	04/30/2016	2016152		2016152	7108.3 · Hydraulic Control-Engineering	1,149.22
Bill	04/30/2016	2016153		2016153	7108.3 · Hydraulic Control-Engineering	1,507.12
Bill	04/30/2016	2016154		2016154	7108.3 · Hydraulic Control-Engineering	13,784.05
Bill	04/30/2016	2016155		2016155	7108.32 · HCMP - Adaptive Mgmt Plan	8,691.98
Bill	04/30/2016	2016156		2016156	7108.31 · Hydraulic Control - PBHSP	4,624.15
Bill	04/30/2016	2016157		2016157	7109.3 · Recharge & Well - Engineering	3,790.00
Bill	04/30/2016	2016158		2016158	7202.2 · Engineering Svc	2,732.47
Bill	04/30/2016	2016159		2016159	7402 · PE4-Engineering	9,770.00
Bill	04/30/2016	2016160		2016160	7402.10 · PE4 - Northwest MZ1 Area Proj.	12,466.32
Bill	04/30/2016	2016161		2016161	7502 · PE6&7-Engineering	852.50
Bill	04/30/2016	2016162		2016162	6910.13 · IEUA-San Sevaine Imp. Proj.	6,924.00
<b>TOTAL</b>						<b>195,867.54</b>
Bill Pmt -Check	05/26/2016	19416	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2016	XXXX-XXXX-XXXX-9341		Send package to B. Ruiz	6042 · Postage - General	22.79
				Hotel for Joswiak to attend CalPERS Hearing	6073 · BHFS Legal - Personnel Matters	831.80
				Parking for Joswiak to attend CalPERS Hearing	6073 · BHFS Legal - Personnel Matters	13.00
				Purchase miscellaneous office supplies	6031.7 · Other Office Supplies	240.37
				Purchase miscellaneous office supplies	6031.7 · Other Office Supplies	11.35
				Purchase miscellaneous office supplies	6031.7 · Other Office Supplies	14.32
				Purchase miscellaneous office supplies	6031.7 · Other Office Supplies	306.01
				PK meeting w/G. Vanden Heuvel	6312 · Meeting Expenses	37.37
				Parking for Kavounas to attend CalPERS Hearing	6073 · BHFS Legal - Personnel Matters	13.00
				PK meeting w/ B. Kuhn re CalPERS Hearing	6073 · BHFS Legal - Personnel Matters	96.00
				Registration-PK-CA Groundwater Law Conference	6193.2 · Conference - Registration Fee	215.00
				Parking-PK to attend CalPERS Hearing	6073 · BHFS Legal - Personnel Matters	1.25
				Parking for PK to attend CalPERS Hearing	6073 · BHFS Legal - Personnel Matters	13.00
				PK meeting w/Bob Bowcock	6312 · Meeting Expenses	31.42
				Lunch for 4/14 pre Ag Pool meeting preparation	8412 · Meeting Expenses	58.69
				PK mtg	6909.1 · OBMP Meetings	36.29
				Purchase book for PK	6031.7 · Other Office Supplies	10.48
				PK mtg w/D. Poulsen	8312 · Meeting Expenses	22.79
				PK mtg w/Feenstra, Ag Pool counsel-Ag Pool	8412 · Meeting Expenses	142.69
				Registration-PK-ACWA Spring Conference	6193.2 · Conference - Registration Fee	695.00
				Lunch for staff for Administrative Professionals Day	6141.3 · Admin Meetings	135.43
				Purchase replacement chair for Executive office	6031.7 · Other Office Supplies	304.92

TOTAL

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**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**May 2016**

Type	Date	Num	Name	Memo	Account	Paid Amount
				Purchase copy paper	6031.1 · Copy Paper	109.90
TOTAL						3,362.87
Bill Pmt -Check	05/26/2016	19417	CALPERS	1394905143	1012 · Bank of America Gen'l Ckg	
Bill	05/17/2016	1394905143		1394905143	60182.1 · Medical Insurance	6,880.46
TOTAL						6,880.46
Bill Pmt -Check	05/26/2016	19418	CUCAMONGA VALLEY WATER DISTRICT	Lease due June 1, 2016	1012 · Bank of America Gen'l Ckg	
Bill	05/16/2016			Lease due June 1, 2016	1422 · Prepaid Rent	6,371.16
TOTAL						6,371.16
Bill Pmt -Check	05/26/2016	19419	CURATALO, JAMES	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/11/2016	4/11 Admin Mtg		4/11/16 Administrative Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	05/26/2016	19420	ELIE, STEVEN	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/08/2016	4/08 Admin Mtg		4/08/16 Administrative Meeting w/PK	6311 · Board Member Compensation	125.00
Bill	04/25/2016	4/25 Admin Mtgs		4/25/16 Calls	6311 · Board Member Compensation	125.00
TOTAL						250.00
Bill Pmt -Check	05/26/2016	19421	FRED PRYOR SEMINARS	19291021	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2016	19291021		Nakano-April 29, 2016 Project Mgmt Workshop	6192 · Seminars - General	199.00
TOTAL						199.00
Bill Pmt -Check	05/26/2016	19422	FRONTIER COMMUNICATIONS	909-484-3890-050914-5	1012 · Bank of America Gen'l Ckg	
Bill	05/18/2016	90948438900509145		909-484-3890-050914-5	6022 · Telephone	136.69
TOTAL						136.69
Bill Pmt -Check	05/26/2016	19423	IPSWITCH, INC.	IN574497	1012 · Bank of America Gen'l Ckg	
Bill	05/10/2016	IN574497		1 year support for FTP Server	6055 · Computer Hardware	270.00
TOTAL						270.00
Bill Pmt -Check	05/26/2016	19424	KUHN, BOB	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/05/2016	4/05 Admin Mtg		4/05/16 Administrative Meeting	6311 · Board Member Compensation	125.00
Bill	04/08/2016	4/08 Phone Mtg		4/08/16 call w/ Brad, Peter re CalPERS Hearing	6311 · Board Member Compensation	125.00
Bill	04/11/2016	4/11 PERS Hearing		4/11/16 CalPERS Hearing	6311 · Board Member Compensation	125.00
Bill	04/14/2016	4/14 Appro Pool Mtg		4/14/16 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00
TOTAL						500.00
Bill Pmt -Check	05/26/2016	19425	LEGAL SHIELD	0111802	1012 · Bank of America Gen'l Ckg	

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**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**May 2016**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	05/17/2016	0111802		Employee deductions - May 2016	60194 · Other Employee Insurance	79.70
TOTAL						79.70
Bill Pmt -Check	05/26/2016	19426	MINDSHIFT	0217930	1012 · Bank of America Gen'l Ckg	
Bill	05/13/2016	0217930		Replacement PC - Truong	6055 · Computer Hardware	1,429.92
TOTAL						1,429.92
Bill Pmt -Check	05/26/2016	19427	STAPLES BUSINESS ADVANTAGE	8039217293	1012 · Bank of America Gen'l Ckg	
Bill	05/07/2016	8039217293		Miscellaneous office supplies	6031.7 · Other Office Supplies	29.91
TOTAL						29.91
Bill Pmt -Check	05/26/2016	19428	STAULA, MARY L	Retiree Medical	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2016				60182.4 · Retiree Medical	23.62
TOTAL						23.62
Bill Pmt -Check	05/26/2016	19429	VANDEN HEUVEL, GEOFFREY	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/07/2016	4/07 Admin Mtg		4/07/16 Administrative Mtg w/PK	6311 · Board Member Compensation	125.00
Bill	04/14/2016	4/14 Ag Pool Mtg		4/14/16 Ag Pool Meeting	6311 · Board Member Compensation	125.00
TOTAL						250.00
General Journal	05/31/2016	05/31/2016	Wage Works FSA Direct Debits - May 2016	Wage Works FSA Direct Debits - May 2016	1012 · Bank of America Gen'l Ckg	
				Wage Works FSA Direct Debits - May 2016	1012 · Bank of America Gen'l Ckg	81.50
				Wage Works FSA Direct Debits - May 2016	1012 · Bank of America Gen'l Ckg	577.14
				Wage Works FSA Direct Debits - May 2016	1012 · Bank of America Gen'l Ckg	577.14
				Wage Works FSA Direct Debits - May 2016	1012 · Bank of America Gen'l Ckg	577.14
TOTAL						1,812.92
<b>Total Disbursements:</b>						<b>788,362.41</b>

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# CHINO BASIN WATERMASTER

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

## STAFF REPORT

DATE: July 21, 2016  
TO: Advisory Committee Members  
SUBJECT: VISA Check Detail Report - Financial Report B2 (May 31, 2016)

### SUMMARY

Issue: Record of VISA credit card payment disbursed for the month of May 31, 2016.

Recommendation: Receive and file VISA Check Detail Report for May 31, 2016 as presented.

Financial Impact: Funds disbursed were included in the FY 2015/16 "Amended" Watermaster Budget.

### Future Consideration

Advisory Committee: July 21, 2016; Receive and File

Watermaster Board: July 28, 2016; Receive and File (Normal Course of Business)

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### ACTIONS:

July 14, 2016 – Appropriative Pool – Unanimously approved

July 14, 2016 – Non-Agricultural Pool – Moved unanimously to receive and file, without approval

July 14, 2016 – Agricultural Pool – Unanimously approved

July 21, 2016 – Advisory Committee –

July 28, 2016 – Watermaster Board –



## 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 disbursement during the month of May 2016 was \$3,362.87. The payment was processed by check number 19416 dated May 26, 2016. The monthly charges for May 2016 of \$3,362.87 were for routine and customary expenditures and properly documented with receipts.

## ATTACHMENTS

1. Financial Report - B2

CHINO BASIN WATERMASTER  
VISA Check Detail Report  
May 2016

Type	Num	Date	Name	Memo	Account	Paid Amount
Bill Pmt -Check	05/26/2016	19416	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2016	XXXX-XXXX-XXXX-9341		Send package to B. Ruiz	6042 · Postage - General	22.79
				Hotel for Joswiak to attend CalPERS Hearing	6073 · BHFS Legal - Personnel Matters	831.80
				Parking for Joswiak to attend CalPERS Hearing	6073 · BHFS Legal - Personnel Matters	13.00
				Purchase miscellaneous office supplies	6031.7 · Other Office Supplies	240.37
				Purchase miscellaneous office supplies	6031.7 · Other Office Supplies	11.35
				Purchase miscellaneous office supplies	6031.7 · Other Office Supplies	14.32
				Purchase miscellaneous office supplies	6031.7 · Other Office Supplies	306.01
				PK meeting w/G. Vanden Heuvel	6312 · Meeting Expenses	37.37
				Parking for Kavounas to attend CalPERS Hearing	6073 · BHFS Legal - Personnel Matters	13.00
				PK meeting w/ B. Kuhn re CalPERS Hearing	6073 · BHFS Legal - Personnel Matters	96.00
				Registration-PK-CA Groundwater Law Conference	6193.2 · Conference - Registration Fee	215.00
				Parking-PK to attend CalPERS Hearing	6073 · BHFS Legal - Personnel Matters	1.25
				Parking for PK to attend CalPERS Hearing	6073 · BHFS Legal - Personnel Matters	13.00
				PK meeting w/Bob Bowcock	6312 · Meeting Expenses	31.42
				Lunch for 4/14 pre Ag Pool meeting preparation	8412 · Meeting Expenses	58.69
				PK mtg	6909.1 · OBMP Meetings	36.29
				Purchase book for PK	6031.7 · Other Office Supplies	10.48
				PK mtg w/D. Poulsen	8312 · Meeting Expenses	22.79
				PK mtg w/Feenstra, Ag Pool counsel-Ag Pool	8412 · Meeting Expenses	142.69
				Registration-PK-ACWA Spring Conference	6193.2 · Conference - Registration Fee	695.00
				Lunch for staff for Administrative Professionals Day	6141.3 · Admin Meetings	135.43
				Purchase replacement chair for Executive office	6031.7 · Other Office Supplies	304.92
				Purchase copy paper	6031.1 · Copy Paper	109.90
				<b>Total Disbursements:</b>		<b><u>3,362.87</u></b>

TOTAL

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# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: July 21, 2016  
TO: Advisory Committee Members  
SUBJECT: Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2015 through May 31, 2016 - Financial Report B3 (May 31, 2016)

### SUMMARY

Issue: Record of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2015 through May 31, 2016.

Recommendation: Receive and file Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2015 through May 31, 2016 as presented.

Financial Impact: Funds disbursed were included in the FY 2015/16 "Amended" Watermaster Budget.

### Future Consideration

Advisory Committee: July 21, 2016; Receive and File

Watermaster Board: July 28, 2016; Receive and File (Normal Course of Business)

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### ACTIONS:

July 14, 2016 – Appropriative Pool – Unanimously approved

July 14, 2016 – Non-Agricultural Pool – Moved unanimously to receive and file, without approval

July 14, 2016 – Agricultural Pool – Unanimously approved

July 21, 2016 – Advisory Committee –

July 28, 2016 – Watermaster Board –

## BACKGROUND

A Combining Schedule of Revenue, Expenses and Changes in Net Assets for the period July 1, 2015 through May 31, 2016 is provided to keep all members apprised of the FY 2015/16 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 15.0, 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, 2015 THROUGH MAY 31, 2016

Financial Report - B3

	WATERMASTER ADMINISTRATION	OPTIMUM BASIN MANAGEMENT	POOL ADMINISTRATION & SPECIAL PROJECTS			GROUNDWATER OPERATIONS		LAIF VALUE ADJ.	GASB 68 BEG. NET POSITION	GRAND TOTALS	AMENDED BUDGET 2015-2016
			APPROPRIATIVE POOL	AG POOL	NON-AG POOL	GROUNDWATER REPLENISHMENT	SB222 FUNDS				
<b>Administrative Revenues:</b>											
Administrative Assessments			3,569,781		151,739					3,721,520	9,184,215
Interest Revenue			16,606	1,384	120					18,110	22,050
Mutual Agency Project Revenue	157,349									157,349	157,941
Miscellaneous Income										-	0
<b>Total Revenues</b>	<b>157,349</b>	<b>-</b>	<b>3,586,387</b>	<b>1,384</b>	<b>151,859</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,896,980</b>	<b>9,364,206</b>
<b>Administrative &amp; Project Expenditures:</b>											
Watermaster Administration	1,373,426									1,373,426	1,227,268
Watermaster Board-Advisory Committee	130,053									130,053	222,418
Ag Pool Misc. Expense - Ag Fund										-	400
Pool Administration			103,497	321,896	86,551					511,944	595,933
Optimum Basin Mgmt Administration		1,679,191								1,679,191	1,723,093
OBMP Project Costs		2,060,752								2,060,752	3,525,355
Debt Service		304,376								304,376	460,200
Basin Recharge Improvements		386,128								386,128	3,472,477
Mutual Agency Project Costs										-	10,000
<b>Total Administrative/OBMP Expenses</b>	<b>1,503,478</b>	<b>4,430,447</b>	<b>103,497</b>	<b>321,896</b>	<b>86,551</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,445,869</b>	<b>11,237,144</b>
<b>Net Administrative/OBMP Expenses</b>	<b>(1,346,129)</b>	<b>(4,430,447)</b>									
Allocate Net Admin Expenses To Pools	1,346,129		968,004	328,247	49,878					-	
Allocate Net OBMP Expenses To Pools		3,739,943	2,689,402	911,966	138,575					-	
Allocate Debt Service to App Pool		304,376	304,376							-	
Allocate Basin Recharge to App Pool		386,128	386,128							-	
Agricultural Expense Transfer*			1,562,108	(1,562,108)						-	
<b>Total Expenses</b>			<b>6,013,516</b>	<b>-</b>	<b>275,004</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,445,869</b>	<b>11,237,144</b>
<b>Net Administrative Income</b>			<b>(2,427,129)</b>	<b>1,384</b>	<b>(123,144)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(2,548,889)</b>	<b>(1,872,938)</b>
<b>Other Income/(Expense)</b>											
Replenishment Water Assessments						-				-	0
Non-Ag Stored Water Purchases										-	0
Exhibit "G" Non-Ag Pool Water										-	0
Interest Revenue						4,198				4,198	0
MWD Water Purchases										-	0
Non-Ag Stored Water Purchases										-	0
Exhibit "G" Non-Ag Pool Water			2,540,000							2,540,000	0
MWD Water Purchases										-	0
Groundwater Replenishment			(2,540,000)							(2,540,000)	0
LAIF - Fair Market Value Adjustment								-	-	-	0
Other Post-Employment Benefits (OPEB)										-	0
Refund-Excess Reserves										-	0
Refund-Recharge Debt										-	0
<b>Net Other Income/(Expense)</b>						<b>4,198</b>				<b>4,198</b>	<b>0</b>
<b>Net Transfers To/(From) Reserves</b>		<b>(2,544,691)</b>	<b>(2,427,129)</b>	<b>1,384</b>	<b>(123,144)</b>	<b>4,198</b>				<b>(2,544,691)</b>	<b>(1,872,938)</b>
<b>Net Assets, July 1, 2015</b>			<b>6,346,620</b>	<b>481,130</b>	<b>69,774</b>	<b>1,388,080</b>	<b>158,251</b>	<b>3,446</b>	<b>(740,195)</b>	<b>7,707,106</b>	
<b>Net Assets, End of Period</b>			<b>3,919,491</b>	<b>482,514</b>	<b>(53,370)</b>	<b>1,392,278</b>	<b>158,251</b>	<b>3,446</b>	<b>(740,195)</b>	<b>5,162,415</b>	<b>5,162,415</b>
<b>14/15 Assessable Production</b>			<b>84,107,515</b>	<b>28,520,530</b>	<b>4,333,753</b>					<b>116,961,798</b>	
<b>14/15 Production Percentages</b>			<b>71.910%</b>	<b>24.384%</b>	<b>3.705%</b>					<b>100.000%</b>	

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

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# CHINO BASIN WATERMASTER

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

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: July 21, 2016  
TO: Advisory Committee Members  
SUBJECT: Treasurer's Report of Financial Affairs for the Period May 1, 2016 through May 31, 2016 - Financial Report B4 (May 31, 2016)

### SUMMARY

Issue: Record of increases or decreases in the cash position, assets and liabilities of Watermaster for the Period of May 1, 2016 through May 31, 2016.

Recommendation: Receive and file Treasurer's Report of Financial Affairs for the Period May 1, 2016 through May 31, 2016 as presented.

Financial Impact: Funds disbursed were included in the FY 2015/16 "Amended" Watermaster Budget.

### Future Consideration

Advisory Committee: July 21, 2016; Receive and File

Watermaster Board: July 28, 2016; Receive and File (Normal Course of Business)

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### ACTIONS:

July 14, 2016 – Appropriative Pool – Unanimously approved

July 14, 2016 – Non-Agricultural Pool – Moved unanimously to receive and file, without approval

July 14, 2016 – Agricultural Pool – Unanimously approved

July 21, 2016 – Advisory Committee –

July 28, 2016 – Watermaster Board –



## BACKGROUND

A Treasurer's Report of Financial Affairs for the Period May 1, 2016 through May 31, 2016 is provided to keep all members apprised of the total cash in banks (Bank of America, LAIF, and CalTRUST) and 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 15.0, 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  
MAY 1, 2016 THROUGH MAY 31, 2016**

Financial Report - B4

**DEPOSITORIES:**

Cash on Hand - Petty Cash			\$	500
Bank of America				
Governmental Checking-Demand Deposits	\$	617,225		
Zero Balance Account - Payroll	\$	-		617,225
Local Agency Investment Fund - Sacramento				6,823,734
<b>TOTAL CASH IN BANKS AND ON HAND</b>				<b>\$ 7,441,460</b>
TOTAL CASH IN BANKS AND ON HAND	05/31/206			7,441,460
TOTAL CASH IN BANKS AND ON HAND	4/30/2016			7,983,474
<b>PERIOD INCREASE (DECREASE)</b>				<b>\$ (542,014)</b>

**CHANGE IN CASH POSITION DUE TO:**

Decrease/(Increase) in Assets: Accounts Receivable			\$	(19,907)
Assessments Receivable				896,401
Prepaid Expenses, Deposits & Other Current Assets				(648,695)
(Decrease)/Increase in Liabilities: Accounts Payable				(335,026)
Accrued Payroll, Payroll Taxes & Other Current Liabilities				(44,097)
Long Term Liabilities				1,498
Transfer to/(from) Reserves				(392,189)
<b>PERIOD INCREASE (DECREASE)</b>				<b>\$ (542,014)</b>

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**SUMMARY OF FINANCIAL TRANSACTIONS:**

	Petty Cash	Govt'i Checking Demand	Zero Balance Account Payroll	Local Agency Investment Funds	Totals
Balances as of 4/30/2016	\$ 500	\$ 584,240	\$ -	\$ 7,398,734	\$ 7,983,474
Deposits	-	821,348	-	-	821,348
Transfers	-	(85,707)	(69,608)	(575,000)	(730,316)
Withdrawals/Checks	-	(702,655)	69,608	-	(633,047)
	\$ 500	\$ 617,225	\$ -	\$ 6,823,734	\$ 7,441,460
<b>PERIOD INCREASE OR (DECREASE)</b>	<b>\$ -</b>	<b>\$ 32,986</b>	<b>\$ -</b>	<b>\$ (575,000)</b>	<b>\$ (542,014)</b>

**CHINO BASIN WATERMASTER  
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD  
MAY 1, 2016 THROUGH MAY 31, 2016**

Financial Report - B4

**INVESTMENT TRANSACTIONS**

Effective Date	Transaction	Depository	Activity	Redeemed	Days to Maturity	Interest Rate(*)	Maturity Yield
5/24/2016	Withdrawal		\$ (575,000)				
<b>TOTAL INVESTMENT TRANSACTIONS</b>			<b>\$ (575,000)</b>	<b>-</b>			

\* The earnings rate for L.A.I.F. is a daily variable rate; 0.46% was the effective yield rate at the Quarter ended March 31, 2016.

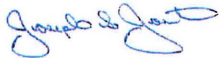
**INVESTMENT STATUS  
05/31/2016**

<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	\$ 6,823,734			
<b>TOTAL INVESTMENTS</b>	<b>\$ 6,823,734</b>			

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

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

Respectfully submitted,



Joseph S. Joswiak  
Chief Financial Officer  
Chino Basin Watermaster

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# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: July 21, 2016  
TO: Advisory Committee Members  
SUBJECT: Budget vs. Actual Report for the Period July 1, 2015 through May 31, 2016 -  
Financial Report B5 (May 31, 2016)

### SUMMARY

Issue: Record of revenues and expenses of Watermaster for the Period of July 1, 2015 through May 31, 2016.

Recommendation: Receive and file Budget vs. Actual Report for the Period July 1, 2015 through May 31, 2016 as presented.

Financial Impact: Funds disbursed were included in the FY 2015/16 "Amended" Watermaster Budget.

### Future Consideration

Advisory Committee: July 21, 2016; Receive and File

Watermaster Board: July 28, 2016; Receive and File (Normal Course of Business)

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### ACTIONS:

July 14, 2016 – Appropriative Pool – Unanimously approved

July 14, 2016 – Non-Agricultural Pool – Moved unanimously to receive and file, without approval

July 14, 2016 – Agricultural Pool – Unanimously approved

July 21, 2016 – Advisory Committee –

July 28, 2016 – Watermaster Board –

## BACKGROUND

A Budget vs. Actual Report for the period July 1, 2015 through May 31, 2016 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 15.0, 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 – MAY 2016

Year-To-Date (YTD) for the eleven months ending May 31, 2016, all but six categories were at or below the projected budget. The categories over budget were Watermaster Legal Services expenses (6070's) which were over budget by \$99,375 or 41.4% as a result of increased miscellaneous legal expenses, additional personnel related expenses, and the unanticipated CCG Motion related legal expenses not budgeted for FY 2015/16; Training, Conferences and Seminars expenses (6190's) which were over budget by \$4,450 or 21.4% as a result of a membership in Vistage which provides leadership training and development which was not part of the original budget for FY 2015/16; Agricultural Legal Services expenses (8467) which were over budget by \$72,946 or 38.8% as a result of ongoing Safe Yield Redetermination and Reset efforts; Agricultural Pool Meeting Attendance expenses (8470's) which were over budget by \$4,050 or 19.9% as a result of the Agricultural Pool's Special Meetings which were not anticipated when the FY 2015/16 budget was developed; OBMP expenses (6900's) were over budget by \$100,488 or 6.6% as a result of engineering and legal services supporting the ongoing Safe Yield Redetermination and Reset efforts; and Production Monitoring expenses (7101's) which were over budget by \$15,033 or 28.9% as a direct result of ongoing efforts of Watermaster staff in production reporting.

It is anticipated that a Budget Transfer Form will be submitted in August 2016 for approval by the Pools, Advisory Committee, and Watermaster Board as part of the fiscal year-end closing for the accounting period ending June 30, 2016. The Budget Transfer Form will reallocate line items within the FY 2015/16 budget which are under budget, to the six categories listed above which are over budget. Also at fiscal year-end closing, the depreciation expense for the year will be recorded to the financials, along with the reconciliation of the vacation, sick, and admin leave accrued balances by employee which will be adjusted as an increase/decrease to the accrual balances and the correct ending balances recorded on the Balance Sheet as a Current Liability.

Overall, the Watermaster (YTD) Actual Expenses were \$3,773,724 or 36.9% below the (YTD) Budgeted Expenses of \$10,219,594.

### PREVIOUSLY REPORTED ACTIONS (Descending Order)

April 2016:

Budget Amendment Form (A-16-04-01) was approved by the Board on May 26, 2016 in the amount of \$250,000 as a result of ongoing Safe Yield Redetermination and Reset expenses. With the April 8, 2016 court date being moved several times and the latest date is scheduled for June 24, 2016 the expenses continue. Since the remaining FY 2015/16 Assessment invoicing is schedule for approval and distribution in June 2016, the additional funding for the \$250,000 will be added to the overall OBMP assessment amount.

FY 2015/16 Approved Budget (Excluding Carry-Over funding of \$1,872,937.85): \$9,114,206  
FY 2015/16 Amended Budget (Excluding Carry-Over funding of \$1,872,937.85): \$9,364,206  
FY 2015/16 Amended Budget (Including Carry-Over funding of \$1,872,937.85): \$11,237,143.85

The Chino Basin Watermaster "Original" FY 2015/16 budget of \$9,114,206 was approved by the Board on May 28, 2015. With the closing of the financial records for the fiscal year ended June 30, 2015, the "Carry Over" funding from FY 2014/15 and previous years has been calculated at \$1,872,937.85 which brings the "Amended" Budget for FY 2015/16 to \$10,987,143.85. With the approval of Budget Amendment Form (A-16-04-01), the "Amended" FY 2015/16 will become \$11,237,143.85.

July 2015:

During the month of July 2015, the "Carry Over" funding was calculated. The Total "Carry Over" funding amount of \$1,872,937.85 has been posted to the general ledger accounts. The total amount of \$1,872,937.85 consisted of \$1,686,955.86 from Capital Improvement Projects, \$136,696 from Engineering Services, \$29,285.99 from Chino Hills ASR, and \$20,000 from the Administrative section for the Annual Reports. More detailed information is provided regarding this issue under the "Carry Over" Funding section.

The Amended Budget for FY 2015/16 is \$10,987,143.85 which includes \$1,872,937.85 for the prior years "Carry Over" funding. The Original Approved budget for FY 2015/16 of \$9,114,206 was approved by the Watermaster Board on May 28, 2015 ( $\$9,114,206 + \$1,872,937.85 = \$10,987,143.85$ ).

SALARIES EXPENSE

CURRENT MONTH – MAY 2016

As of May 31, 2016, the total (YTD) Watermaster salary expenses were \$69,128 or 4.8% below the (YTD) budgeted amount of \$1,432,527. The overall staffing budget was developed with a staffing level of nine Full-Time Equivalents (FTE's), and staffing is currently at eight Full-Time Equivalents (FTE's).

Watermaster is currently in the process of filing one vacant position. Watermaster started the recruitment process for the Water Resources professional position on March 16, 2016. After several candidates completed the interview process during the month of May, it was determined that a new recruitment process should begin. An updated recruitment advertisement was submitted to Brown & Caldwell and Water District Jobs on June 27, 2016. It is anticipated that the recruitment process could take between two to three months to select and hire the Water Resources professional.

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 2015/16 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 May 31, 2016. 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 '15 - May '16 Actual	Jul '15 - May '16 Budget	\$ Over Budget	% of Budget	FY 2015/16 Annual Budget
<b>WM Salary Expense</b>					
6011 · WM Staff Salaries	801,096.63	780,327.00	20,769.63	102.66%	848,891.00
6017· Temporary Services	0.00	19,250.00	-19,250.00	0.0%	21,000.00
6017.2 · Office Specialist Services	7,385.46	0.00	7,385.46	100.0%	0.00
6201 · Advisory Committee - WM Staff Salaries	13,808.08	20,475.00	-6,666.92	67.44%	22,274.00
6301 · Watermaster Board - WM Staff Salaries	24,928.66	33,900.00	-8,971.34	73.54%	36,879.00
8301 · Appropriative Pool - WM Staff Salaries	32,435.76	27,319.00	5,116.76	118.73%	29,719.00
8401 · Agricultural Pool - WM Staff Salaries	19,326.28	23,983.00	-4,656.72	80.58%	26,090.00
8501 · Non-Agricultural Pool - WM Staff Salaries	16,799.08	14,316.00	2,483.08	117.35%	15,574.00
6901 · OBMP - WM Staff Salaries	110,687.82	114,636.00	-3,948.18	96.56%	124,709.00
7101.1 · Production Monitor - WM Staff Salaries	66,385.52	51,290.00	15,095.52	129.43%	55,797.00
7102.1 · In-line Meter - WM Staff Salaries	4,357.49	8,468.00	-4,110.51	51.46%	9,212.00
7103.1 · Grdwater Quality - WM Staff Salaries	7,941.11	50,108.00	-42,166.89	15.85%	54,511.00
7104.1 · Grdwater Level - WM Staff Salaries	53,949.71	39,019.00	14,930.71	138.27%	42,447.00
7108.1 · Hydraulic Control - WM Staff Salaries	0.00	2,265.00	-2,265.00	0.0%	2,464.00
7108.11 · Prado Basin - WM Staff Salaries	3,587.65	7,634.00	-4,046.35	47.0%	8,305.00
7201 · Comp Recharge - WM Staff Salaries	57,643.98	40,684.00	16,959.98	141.69%	44,259.00
7301 · PE3&5 - WM Staff Salaries	0.00	13,689.00	-13,689.00	0.0%	14,892.00
7401 · PE4 - WM Staff Salaries	129.67	8,312.00	-8,182.33	1.56%	9,042.00
7501.1 · PE 6&7 - WM Staff Salaries (Plume)	0.00	6,198.00	-6,198.00	0.0%	6,743.00
7501 · PE6&7 - WM Staff Salaries	0.00	4,029.00	-4,029.00	0.0%	4,383.00
7601 · PE8&9 - WM Staff Salaries	0.00	11,243.00	-11,243.00	0.0%	12,231.00
<b>Subtotal WM Staff Costs</b>	<b>1,220,462.90</b>	<b>1,277,145.00</b>	<b>-56,682.10</b>	<b>95.56%</b>	<b>1,389,422.00</b>
60185 · Vacation	85,133.76	66,439.00	18,694.76	128.14%	72,479.00
60186 · Sick Leave	15,072.69	42,538.00	-27,465.31	35.43%	46,405.00
60187 · Holidays	42,730.03	46,405.00	-3,674.97	92.08%	46,405.00
<b>Subtotal WM Paid Leaves</b>	<b>142,936.48</b>	<b>155,382.00</b>	<b>-12,445.52</b>	<b>91.99%</b>	<b>165,289.00</b>
<b>Total WM Salary Costs</b>	<b>1,363,399.38</b>	<b>1,432,527.00</b>	<b>-69,127.62</b>	<b>95.17%</b>	<b>1,554,711.00</b>

PREVIOUSLY REPORTED ACTIONS (Descending Order)

April 2016:

The Office Specialist/Receptionist vacant position has been filled effective May 23, 2016 with an Administrative Assistant. A former temporary employee who had been filling in during an absence is returning as a new full time employee.

March 2016:

Watermaster is currently in the process of filing two vacant positions. One position is the Office Specialist/Receptionist position which became vacant on April 6, 2016 with the resignation of the current employee, and the other position is the Water Resources professional. The Office Specialist/Receptionist position is being covered by a temporary employee until a suitable full time employee can be recruited and hired. Watermaster anticipates a new administrative professional could be hired within the next 4 to 6 weeks. Watermaster started the recruitment process for the Water Resources professional position on March 16, 2016. It is expected that the recruitment process could take between two to three months before a new hire to fill the Water Resources professional position would start.

February 2016:

Watermaster started the recruitment process for the Water Resources professional position on March 16, 2016. It is expected that the recruitment process could take between two to three months before a new hire would start.

January 2016:

Watermaster completed the recruiting process for the position of Field Operations Specialist which became vacant as of August 27, 2015. Rick Zapien started on Monday, January 4, 2016.

On September 16, 2015, Office Specialist/Receptionist was placed on Pregnancy Disability Leave (PDL) by her physician. Based upon the PDL leave and concurrently running FMLA leave, the employee was

scheduled, and did return on Monday, February 22, 2016. During her absence, Watermaster utilized a temporary employee to perform the duties and responsibilities.

LEGAL SERVICES  
BROWNSTEIN HYATT FARBER SCHRECK EXPENSES

CURRENT MONTH – MAY 2016

As of May 31, 2016, 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 \$52,317 or 4.7% above the (YTD) budgeted amount of \$1,119,831. 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 2015/16. 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 amount was adopted for the amount of \$933,815. Budget Amendment Form (A-16-04-01) in the amount of \$250,000 was approved by Watermaster Board on May 26, 2016. The amount of \$250,000 was funded by the Assessment invoicing issued on June 23, 2016. The "Amended" Legal Services budget is \$1,183,815 (including the \$250,000 for Safe Yield Redetermination and Reset).

It is anticipated that a Budget Transfer Form will be submitted in August 2016 for approval by the Pools, Advisory Committee, and Watermaster Board as part of the fiscal year-end closing for the accounting period ending June 30, 2016. The Budget Transfer Form will reallocate line items within the FY 2015/16 budget which are under budget, and allocate funding to the legal services categories that are over budget at fiscal year-end.

WATERMASTER ADMINISTRATIVE LEGAL SERVICES:

Overall, the Watermaster Administrative Legal Services expense (6070's), as of May 31, 2016, was \$99,375 or 41.4% above the budgeted amount of \$240,304. The specific items within the Administrative Legal Services expenses (6070's) which were under budget were the expenses for Court Coordination (6071) under budget by \$3,618 or 9.6%; Annotated Judgment (6072) under budget by \$36,804 or 100.0%; Interagency Issues (6074) under budget by \$28,050 or 100.0%; and the Party Status Maintenance (6077) under budget by \$25,849 or 98.3%. The specific items within the Administrative Legal Services expenses (6070's) which were over budget were the expenses for Personnel Matters (6073) over budget by \$86,638 or 109.4%; Miscellaneous (6078) over budget by \$103,978 or 320.9%; and CCG Motion (6078.12) over budget by \$3,080 or 100.0%.

Personnel Matters: As reported during the previous monthly meetings, Watermaster's legal counsel filed an appeal with CalPERS regarding CalPERS original determination (from February 2013) which rejected the base salary of the former CEO, Desi Alvarez, with regards to his retirement pension benefit. There have been several filings of appeal and we are awaiting CalPERS determination. On December 9, 2013 CalPERS notified the attorneys of record that the CalPERS Legal Office received the case on November 22, 2013 and we would be notified when the case has been assigned to an attorney who will represent CalPERS regarding the appeal. On February 27, 2014 the case was assigned to Wesley E. Kennedy, Senior Staff Attorney for CalPERS. On July 17, 2014 a document request from CalPERS was received by Watermaster related to the pending case. On August 22, 2014 the specific documents were provided to CalPERS. On September 9, 2014 Watermaster received the Notice of Hearing from CalPERS and the hearing has been scheduled for March 11-13, 2015 at the Glendale CalPERS Regional office. On October 1, 2014 Watermaster received from CalPERS a discovery request for Case No. 2013-1113. On December 31, 2014 Brownstein Hyatt Farber Schreck provided the information to Mr. Kennedy of CalPERS as requested on October 1, 2014. On January 16, 2015 a Prehearing conference along with a Settlement conference was conducted in Los Angeles. On March 2, 2015 a Motion to Continue was granted and the new Administrative Hearing (OAH Case No. 2014080757) was scheduled for November 16-18, 2015 at the Glendale CalPERS Regional Office. On September 28, 2015 the attorney for Mr. Alvarez (Mr. Jensen), at the suggestion of Mr. Kennedy, requested a short continuance of the OAH hearing because CalPERS has scheduled a full Board hearing on the claims of one of Mr. Jensen's



clients for July 14, 2016 which is right in the middle of the three-day hearing scheduled for Mr. Alvarez's case. On October 9, 2015, an Order Granting Continuance; Notice of New Hearing Dates was provided by the State of California, Department of General Services, Office of Administrative Hearings. The administrative hearing was rescheduled for January 4-6, 2016 at the Glendale CalPERS Regional Office. On October 14, 2015 a Notice of Case Reassignment was received from the CalPERS providing notice that OAH Case No. 2014080757 has been reassigned from attorney Wesley Kennedy to Preet Kaur, Staff Attorney. On November 20, 2015, a Request for Continuance was issued from CalPERS to reschedule the hearing to either the period of April 4 through April 6, 2016 or April 11 through April 15, 2016. On December 11, 2015, an Order Granting Continuance; Notice of New Hearing Dates was issued from the State of California, Department of General Services, Office of Administrative Hearings to reschedule the hearing to April 11-13, 2016. The Administrative Hearing was held on April 11-13, 2016 at the Glendale CalPERS Regional Office. A ruling was scheduled for issuance by the Administrative Judge in July 2016. On June 9, 2016 a request by the CalPERS attorney to extend the deadlines for filing the opening and response briefs was submitted to the Administrative Law Judge. On June 13, 2016 the request was granted and the order now states the opening briefs shall be filed and served no later than July 11, 2016. The response briefs shall be filed and served no later than August 8, 2016.

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, 8375, 8475 and 8575). Overall, this category of legal expenses as of May 31, 2016 was \$91,458 or 45.6% below the budgeted amount of \$200,535. 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. During the month of April 2016, the Watermaster parties agreed that the Advisory Committee and the Board meeting would not be held, adding additional cost savings to this category. The Watermaster parties had also agreed that during the month of December 2015, the three Pools, the Advisory Committee and the Watermaster Board meetings would not be held, adding cost savings to this category.

OBMP LEGAL SERVICES:

The OBMP legal expenses (accounts 6907.31 through 6907.90) were above the budget for the month. As of May 31, 2016 the category of OBMP legal expenses were \$44,400 or 6.5% above the budgeted amount of \$678,992. The majority of expenses within this OBMP category were under budget (Y-T-D), however, the BHFS Safe Yield Redetermination and Reset legal expenses (6907.42) continue to increase and exceed the monthly budget. As of May 31, 2016, the Safe Yield Redetermination and Reset legal expenses were \$278,278 or 78.8% above the budgeted amount of \$353,300. It should be noted that the 12-month annual legal budget for the Safe Yield Redetermination and Reset category was approved at an amount of \$103,300 and anticipated to be allocated within the first six months of the FY 2015/16 (July 2015 – December 2015). The approved BHFS legal budget anticipated 230 labor hours for consolidated legal staff time with regards to the Safe Yield Redetermination and Reset effort.

Budget Amendment Form (A-16-04-01) in the amount of \$250,000 was approved by Watermaster Board on May 26, 2016. The amount of \$250,000 was funded by the Assessment invoicing issued on June 23, 2016. The "Amended" Legal Services budget is now \$1,183,815 (including the \$250,000 for Safe Yield Redetermination and Reset).

The table listed below summarizes the Brownstein Hyatt Farber Schreck (BHFS) expenses as of May 31, 2016 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 '15 - May '16 Actual	Jul '15 - May '16 Budget	\$ Over Budget	% of Budget	FY 2015/16 Annual Budget
<b>6070 · Watermaster Legal Services</b>					
6071 · BHFS Legal - Court Coordination	33,920.21	37,538.00	-3,617.79	90.36%	40,950.00
6072 · BHFS Legal - Annotated Judgment	0.00	36,804.00	-36,804.00	0.0%	40,150.00
6073 · BHFS Legal - Personnel Matters	165,838.01	79,200.00	86,638.01	209.39%	80,700.00
6074 · BHFS Legal - Interagency Issues	0.00	28,050.00	-28,050.00	0.0%	30,600.00
6076 · BHFS Legal - Storage Issues	0.00	0.00	0.00	0.0%	0.00
6077 · BHFS Legal - Party Status Maintenance	459.00	26,308.00	-25,849.00	1.75%	28,700.00
6078 · BHFS Legal - Miscellaneous (Note 1)	136,382.05	32,404.00	103,978.05	420.88%	35,350.00
6078.12 · BHFS Legal - CCG Motion	3,079.82	0.00	3,079.82	100.0%	0.00
<b>Total 6070 · Watermaster Legal Services</b>	<b>339,679.09</b>	<b>240,304.00</b>	<b>99,375.09</b>	<b>141.35%</b>	<b>256,450.00</b>
6275 · BHFS Legal - Advisory Committee	12,969.92	18,700.00	-5,730.08	69.36%	20,400.00
6375 · BHFS Legal - Board Meeting	51,383.42	97,685.00	-46,301.58	52.6%	106,565.00
8375 · BHFS Legal - Appropriative Pool	15,156.69	28,050.00	-12,893.31	54.04%	30,600.00
8475 · BHFS Legal - Agricultural Pool	14,534.47	28,050.00	-13,515.53	51.82%	30,600.00
8575 · BHFS Legal - Non-Ag Pool	15,032.59	28,050.00	-13,017.41	53.59%	30,600.00
<b>Total BHFS Legal Services</b>	<b>109,077.09</b>	<b>200,535.00</b>	<b>-91,457.91</b>	<b>54.39%</b>	<b>218,765.00</b>
<b>6907.3 · WM Legal Counsel</b>					
6907.31 · Archibald South Plume	0.00	22,458.33	-22,458.33	0.0%	24,500.00
6907.32 · Chino Airport Plume	0.00	22,458.33	-22,458.33	0.0%	24,500.00
6907.33 · Desalter/Hydraulic Control	0.00	44,825.00	-44,825.00	0.0%	48,900.00
6907.34 · Santa Ana River Water Rights	5,392.00	23,191.67	-17,799.67	23.25%	25,300.00
6907.36 · Santa Ana River Habitat	964.80	18,058.33	-17,093.53	5.34%	19,700.00
6907.38 · Reg. Water Quality Cntrl Board	0.00	13,154.17	-13,154.17	0.0%	14,350.00
6907.39 · Recharge Master Plan	19,015.78	62,425.00	-43,409.22	30.46%	68,100.00
6907.40 · Storage Agreements	535.50	78,925.00	-78,389.50	0.68%	86,100.00
6907.41 · Prado Basin Habitat Sustainability	8,609.85	13,154.17	-4,544.32	65.45%	14,350.00
6907.42 · Safe Yield Recalculation	631,577.96	353,300.00	278,277.96	178.77%	353,300.00
6907.44 · SGMA Compliance	57,295.70	0.00	57,295.70	100.0%	0.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	27,041.67	-27,041.67	0.0%	29,500.00
<b>Total 6907 · WM Legal Counsel</b>	<b>723,391.59</b>	<b>678,991.67</b>	<b>44,399.92</b>	<b>106.54%</b>	<b>708,600.00</b>
<b>Total Brownstein, Hyatt, Farber, Schreck Costs</b>	<b>1,172,147.77</b>	<b>1,119,830.67</b>	<b>52,317.10</b>	<b>104.67%</b>	<b>1,183,815.00</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, 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; (7) Review transfer documents; (8) Land Subsidence Committee reports/meetings; (9) Review process and criteria for re-appointment of the Watermaster 9 member Board; (10) Review current California issued drought regulations; (11) Review and comment on Waters of the United States rule making; (12) Review and draft documents for basin boundary regulations; and (13) Miscellaneous legal research on current and pending issues.

## OBMP ENGINEERING SERVICES AND LEGAL COSTS

### CURRENT MONTH – MAY 2016

Reviewing in total the OBMP Engineering Services and Legal Costs (consolidating the four categories of OBMP Watermaster Staff and SAWPA, OBMP Engineering Services, OBMP Legal Costs, and OBMP Other Expenses) for the eleven month period ending May 31, 2016, the actual expenses of \$1,616,137 were above the budgeted amount of \$1,515,648 by \$100,488 or 6.6%. For a detailed discussion, the following is provided.

For May 31, 2016, the accounts 6901-6903 (Optimum Basin Mgmt Program) section was below the Year-To-Date (YTD) budget by \$4,289 or 3.4%. 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 and less time on administrative related tasks. As a result, Watermaster staff allocated more

actual time to the OBMP project as budgeted, which resulted in an under budget variance of \$3,948 or 3.4%. The remaining expense was the Santa Ana Watershed Project Authority (SAWPA) FY 2015/16 Basin Monitoring Program Task Force Contribution which was budgeted at \$12,500 but actual expenses were billed at \$12,159 which was below the budget by \$341 or 2.7% as of May 31, 2016.

For May 31, 2016, the accounts 6906 (Optimum Basin Mgmt Program Engineering Services) section was above the Year-To-Date (YTD) budget by \$69,324 or 9.9%. For FY 2015/16, the OBMP-Safe Yield Redetermination and Reset expenses (6906.73) did not have a budget amount assigned. For the month of May 2016, there were expenses of \$0 charged to the OBMP-Safe Yield Redetermination and Reset expenses. As of the Year-To-Date (YTD), this account was over budget by \$97,575 or 100.0%. The OBMP-Appropriative Pool Issue Resolution and the OBMP-Material Physical Injury Request expenses had a budget provided for the month, but there was a small amount of activity and Engineering expenses recorded for this period. These two expenses, along with several other engineering related line items within the (6906's) assisted in reducing the overall budget variance. The OBMP-Data Requests-CBWM Staff account (6906.71) was over budget by \$132,427 or 225.5% and is a large factor as to why this expense category was over budget for the month.

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 \$335,574 while some other line item activities were below the budget by \$291,174. Above the budget line items were the Safe Yield Redetermination and Reset of \$278,278; and the SGMA Compliance of \$57,296. Please note the SGMA Compliance is a new GL account created in January 2016 to capture these costs. The individual legal projects/activities that were below budget for the Year-To-Date (YTD) period were the Archibald South Plume of \$22,458; the Chino Airport Plume of \$22,458; the Desalter/Hydraulic Control of \$44,825; the Santa Ana River Water Rights of \$17,800; the Santa Ana River Habitat of \$17,094; the Regional Water Quality Control Board of \$13,154; the Recharge Master Plan of \$43,409; Storage Agreements of \$78,390; the Prado Basin Habitat Sustainability of \$4,544; and the WM Unanticipated of \$27,042. For the eleven months ended May 31, 2016, the overall cumulative (YTD) budget was \$678,992 and the actual (BHFS) legal expenses totaled \$723,392 which resulted in an over budget variance of \$44,400 or 6.5%.

As mentioned in the Brownstein Hyatt Farber Schreck section, the annual legal budget for the Safe Yield Redetermination and Reset was approved at an amount of \$103,300. The approved BHFS legal budget anticipated 230 labor hours for consolidated legal staff time with regards to the Safe Yield Redetermination and Reset effort. The budget assumed these expenses would be recorded during the period of July 2015 through December 2015. The Mid-Year Review presentation during the February 2016 meetings discussed the anticipated over budget of the Safe Yield Redetermination and Reset category. In the month of May 2016, a Budget Amendment Form (A-16-04-01) was approved by the Watermaster Board on May 26, 2016 to add an additional budget amount of \$250,000 to this category and the funding will come from the Assessment invoicing scheduled for June 2016.

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 May 31, 2016 this category of expenses was \$8,946 or 72.3% below the budgeted amount of \$12,375.

The WEI Support for IEUA expenses (6910's); the Preparation of a Compliance Demonstration for Stormwater Recharge expenses (6910's); As Needed Support for Obtaining Grant Funding of RMPU Projects expenses (6910's); and Ground Water Velocity Field for the San Sevaine Improvement Project expenses (6910's) are billed directly to IEUA on the following month once the payment has been issued to Wildermuth Environmental, Inc. per the agreement. As of May 31, 2016 this category of expenses was fully invoiced to IEUA in the amount of \$117,351.

Overall, the Optimum Basin Management Program (OBMP) category was \$1,616,137 compared to a (YTD) budget of \$1,515,648 for an over budget of \$100,488 or 6.6% as of May 31, 2016.

The table listed below summarizes the Optimum Basin Management Program (OBMP) expenses as of May 31, 2016 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 '15 - May '16 Actual	Jul '15 - May '16 Budget	\$ Over Budget	% of Budget	FY 2015/16 Annual Budget
<b>6900 · Optimum Basin Mgmt Plan</b>					
6901 · WM Staff Salaries	110,687.82	114,636.00	-3,948.18	96.56%	124,709.00
6903 · OBMP SAWPA Group	12,159.00	12,500.00	-341.00	97.27%	12,500.00
<b>Total 6901-6903 · OBMP WM Staff/SAWPA</b>	<b>122,846.82</b>	<b>127,136.00</b>	<b>-4,289.18</b>	<b>96.63%</b>	<b>137,209.00</b>
<b>6906 · OBMP Engineering Services</b>					
6906.1 · OBMP - Watermaster Model Update	299,950.30	279,340.00	20,610.30	107.38%	279,340.00
6906.21 · State of the Basin Report	0.00	0.00	0.00	0.0%	0.00
6906.22 · Water Rights Compliance Reporting	15,593.75	22,370.33	-6,776.58	69.71%	24,404.00
6906.23 · SGMA Reporting Requirements	19,994.24	15,942.67	4,051.57	125.41%	17,392.00
6906.31 · OBMP - Pool, Advisory, Board Mtgs.	64,150.25	80,354.08	-16,203.83	79.83%	87,659.00
6906.32 · OBMP - Other General Meetings	21,915.60	30,137.25	-8,221.65	72.72%	32,877.00
6906.33 · OBMP - App. Pool Issue Resolution	0.00	50,383.67	-50,383.67	0.0%	54,964.00
6906.71 · OBMP - Data Requests - CBWM Staff	191,152.51	58,725.33	132,427.18	325.5%	64,064.00
6906.72 · OBMP - Data Requests - Non CBWM	10,262.42	35,024.00	-24,761.58	29.3%	38,208.00
6906.73 · OBMP - Safe Yield Recalculation	97,575.33	0.00	97,575.33	100.0%	0.00
6906.74 · OBMP - Mat'l Phy. Injury Requests	8,409.16	101,108.33	-92,699.17	8.32%	110,300.00
6906 · OBMP Engineering Services - Other	37,465.75	23,760.00	13,705.75	157.68%	25,920.00
<b>Total 6906 · OBMP Engineering Services</b>	<b>766,469.31</b>	<b>697,145.66</b>	<b>69,323.65</b>	<b>109.94%</b>	<b>735,128.00</b>
<b>6907 · OBMP Legal Fees</b>					
6907.3 · WM Legal Counsel					
6907.31 · Archibald South Plume	0.00	22,458.33	-22,458.33	0.0%	24,500.00
6907.32 · Chino Airport Plume	0.00	22,458.33	-22,458.33	0.0%	24,500.00
6907.33 · Desalter/Hydraulic Control	0.00	44,825.00	-44,825.00	0.0%	48,900.00
6907.34 · Santa Ana River Water Rights	5,392.00	23,191.67	-17,799.67	23.25%	25,300.00
6907.36 · Santa Ana River Habitat	964.80	18,058.33	-17,093.53	5.34%	19,700.00
6907.38 · Reg. Water Quality Cntrl Board	0.00	13,154.17	-13,154.17	0.0%	14,350.00
6907.39 · Recharge Master Plan	19,015.78	62,425.00	-43,409.22	30.46%	68,100.00
6907.40 · Storage Agreements	535.50	78,925.00	-78,389.50	0.68%	86,100.00
6907.41 · Prado Basin Habitat Sustainability	8,609.85	13,154.17	-4,544.32	65.45%	14,350.00
6907.42 · Safe Yield Recalculation	631,577.96	353,300.00	278,277.96	178.77%	103,300.00
6907.44 · SGMA Compliance	57,295.70	0.00	57,295.70	100.0%	0.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	27,041.67	-27,041.67	0.0%	29,500.00
<b>Total 6907 · WM Legal Counsel</b>	<b>723,391.59</b>	<b>678,991.67</b>	<b>44,399.92</b>	<b>106.54%</b>	<b>458,600.00</b>
<b>Total 6907 · OBMP Legal Fees</b>	<b>723,391.59</b>	<b>678,991.67</b>	<b>44,399.92</b>	<b>106.54%</b>	<b>458,600.00</b>
<b>6909 · OBMP Other Expenses</b>					
6909.1 · OBMP Meetings	2,114.08	1,375.00	739.08	153.75%	1,500.00
6909.3 · Other OBMP Expenses	1,315.00	1,833.33	-518.33	71.73%	2,000.00
6909.6 · OBMP Expenses - Miscellaneous	0.00	9,166.67	-9,166.67	0.0%	10,000.00
<b>Total 6909 · OBMP Other Expenses</b>	<b>3,429.08</b>	<b>12,375.00</b>	<b>-8,945.92</b>	<b>27.71%</b>	<b>13,500.00</b>
<b>6910 · WEI Support for IEUA</b>					
6910.10 · IRP Groundwater Modeling - WEI	33,814.00	0.00	33,814.00	100.0%	0.00
6910.11 · WEI Support-Grant Funding-RMPU	37,146.61	0.00	37,146.61	100.0%	0.00
6910.12 · WEI Support-Stormwater Recharge	35,495.75	0.00	35,495.75	100.0%	0.00
6910.13 · IEUA-San Sevaine Improvement Project	10,894.25	0.00	10,894.25	100.0%	0.00
6910.15 · IRP Groundwater Modeling - IEUA	-117,350.61	0.00	-117,350.61	100.0%	0.00
<b>Total 6910 · WEI Support for IEUA</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>0.00</b>
<b>Total 6900 · Optimum Basin Mgmt Plan</b>	<b>1,616,136.80</b>	<b>1,515,648.33</b>	<b>100,488.47</b>	<b>106.63%</b>	<b>1,344,437.00</b>

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

CURRENT MONTH – MAY 2016

As of May 31, 2016, the total (YTD) Engineering Services expenses were \$554,719 or 21.8% below the (YTD) budget amount of \$2,548,103. The OBMP Implementation Projects (consolidated accounts 7100's – 7700's) were all (Under) budget as of May 31, 2016.

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. It is anticipated that a Budget Transfer Form will be submitted in August 2016 for approval by the Pools, Advisory Committee, and Watermaster Board as part of the fiscal year-end closing for the accounting period ending June 30, 2016. The Budget Transfer Form will reallocate line items within the FY 2015/16 budget which are under budget, and allocate funding to the engineering services categories that are over budget at fiscal year-end.

#### PREVIOUSLY REPORTED ACTIONS (Descending Order)

##### April 2016:

The Third quarter ECAC report has been issued during May 2016 for the period January 2016 through March 2016. The ECAC report shows an estimated budget savings of approximately \$227,423 which includes the "Carry-Over" funding amounts of \$136,696 from the prior year. It is expected that at fiscal year-end June 30, 2016 there will be "Carry-Over" funding from FY 2015/16 into FY 2016/17 for ongoing engineering services projects that are overlapping in fiscal years.

##### February 2016:

The Second quarter ECAC report was provided as part of the FY 2015/16 Mid-Year Review during the February 2016 meetings. The ECAC report for the period ending December 31, 2015 showed a projected under budget of \$19,870. Watermaster does not plan to present any Budget Transfers or Budget Amendments at this time.

##### November 2015:

The First quarter ECAC report for the current fiscal year has been provided for the period ending September 30, 2015 and showed a projected over budget of \$30,411. The Second quarter ECAC report is scheduled to be issued in mid-February 2016 for the period July 2015 through December 2015.

##### July 2015:

The breakdown of the total FY 2015/16 Task Order amount of \$2,595,942 includes direct labor costs for Wildermuth Environmental, Inc. (80%) along with other direct charges such as equipment rental, laboratory fees, travel costs, reproduction costs, and outside professional services (20%).

The approved "Original" Engineering Services budget of \$2,595,942 was increased by "Carry Over" funding in the amount of \$136,696 to the "Amended" amount of \$2,732,638 for FY 2015/16 as provided in the Engineering Services Task Order. The "Carry Over" amount of \$136,696 from FY 2014/15 to the FY 2015/16 budget are expenses related to the ongoing long-term pumping test (\$9,813 for account 7107.2 and \$34,770 for account 7107.6), the PBHSP monitoring program (\$12,127 for account 7108.31 and \$35,986 for account 7108.41), the hydraulic control monitoring program Adaptive Management Plan (\$33,000 for account 7107.8), and expenses related to the upload of GeoTracker and EnviroStor data (\$11,000 for account 7502). 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 2015/16 timeframe.

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 May 31, 2016. 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 '15 - May '16	Jul '15 - May '16	\$ Over Budget	% of Budget	FY 2015/16
	Actual	Budget			Annual Budget
6906 · OBMP Engineering Services - Other	37,465.75	23,760.00	13,705.75	157.68%	25,920.00
6906.1 · OBMP - Watermaster Model Update	299,950.30	279,340.00	20,610.30	107.38%	279,340.00
6906.21 · State of the Basin Report	0.00	0.00	0.00	0.0%	0.00
6906.22 · Water Rights Compliance Reporting	15,593.75	22,370.33	-6,776.58	69.71%	24,404.00
6906.23 · SGMA Reporting Requirements	19,994.24	15,942.67	4,051.57	125.41%	17,392.00
6906.31 · OBMP - Pool, Advisory, Board Mtgs.	64,150.25	80,354.08	-16,203.83	79.83%	87,659.00
6906.32 · OBMP - Other General Meetings	21,915.60	30,137.25	-8,221.65	72.72%	32,877.00
6906.33 · OBMP - App. Pool Issue Resolution	0.00	50,383.67	-50,383.67	0.0%	54,964.00
6906.71 · OBMP - Data Requests - CBWM Staff	191,152.51	58,725.33	132,427.18	325.5%	64,064.00
6906.72 · OBMP - Data Requests - Non CBWM	10,262.42	35,024.00	-24,761.58	29.3%	38,208.00
6906.73 · OBMP - Safe Yield Recalculation	97,575.33	0.00	97,575.33	100.0%	0.00
6906.74 · OBMP - Mat'l Physical Injury Requests	8,409.16	101,108.33	-92,699.17	8.32%	110,300.00
7103.3 · Grdwtr Qual-Engineering	84,678.59	110,473.00	-25,794.41	76.65%	120,516.00
7103.5 · Grdwtr Qual-Lab Svcs	48,037.00	35,937.92	12,099.08	133.67%	39,205.00
7104.3 · Grdwtr Level-Engineering	150,296.73	161,727.50	-11,430.77	92.93%	176,430.00
7104.8 · Grdwtr Level-Contracted Services	0.00	9,166.67	-9,166.67	0.0%	10,000.00
7104.9 · Grdwtr Level-Capital Equipment	0.00	7,000.00	-7,000.00	0.0%	7,000.00
7107.2 · Grd Level-Engineering	47,848.11	52,469.17	-4,621.06	91.19%	56,347.00
7107.3 · Grd Level-SAR Imagery	29,000.00	85,000.00	-56,000.00	34.12%	85,000.00
7107.6 · Grd Level-Contract Svcs	157,632.83	141,368.25	16,264.58	111.51%	151,059.00
7107.8 · Grd Level-Capital Equipment	0.00	5,133.33	-5,133.33	0.0%	5,600.00
7108.3 · Hydraulic Control-Engineering	46,340.59	45,804.00	536.59	101.17%	49,968.00
7108.31 · Hydraulic Control-PBHSP	102,361.35	119,394.42	-17,033.07	85.73%	129,146.00
7108.32 · Hydraulic Control-Adaptive Mgmt Plan	64,253.95	43,176.00	21,077.95	148.82%	43,176.00
7108.4 · Hydraulic Control-Lab Svcs	8,528.00	22,990.92	-14,462.92	37.09%	25,081.00
7108.41 · Hydraulic Control-PBHSP	34,534.00	48,003.50	-13,469.50	71.94%	49,096.00
7108.6 · Hydraulic Control-Outside Professionals	0.00	82,500.00	-82,500.00	0.0%	90,000.00
7108.7 · Hydraulic Control-Prado Basin Habitat	4,428.00	0.00	4,428.00	100.0%	0.00
7109.3 · Recharge & Well - Engineering	15,098.25	18,211.42	-3,113.17	0.0%	19,867.00
7202.2 · Comp Recharge-Engineering Services	75,796.02	146,212.00	-70,415.98	51.84%	159,504.00
7303 · PE3&5-Engineering - Other	0.00	21,435.33	-21,435.33	0.0%	23,384.00
7402 · PE4-Engineering	63,650.63	77,649.00	-13,998.37	81.97%	84,708.00
7402.10 · PE4-MZ1 Pomona Project	243,031.77	464,067.08	-221,035.31	52.37%	506,255.00
7403 · PE4-Contract Svcs	11,000.00	18,333.33	-7,333.33	60.0%	20,000.00
7502 · PE6&7-Engineering	25,862.25	75,936.67	-50,074.42	34.06%	81,840.00
7602 · PE8&9-Engineering	14,536.00	58,967.33	-44,431.33	24.65%	64,328.00
<b>Total Engineering Services Costs</b>	<b>1,993,383.38</b>	<b>2,548,102.50</b>	<b>-554,719.12</b>	<b>78.23%</b>	<b>2,732,638.00</b> *

\* Wildermuth and Subcontractor Engineering Budget of \$2,595,942 plus Carryover Funds from FY 2014/15 of \$136,696 = \$2,732,638  
 Carryover Funds from FY 2014/15 = \$9,813 (7107.2); \$34,770 (7107.6); \$12,127 (7108.31); \$35,986 (7108.41); \$33,000 (7108.7); and \$11,000 (7502) = \$136,696

## PRADO BASIN HABITAT SUSTAINABILITY PROGRAM

The Prado Basin Habitat Sustainability Program came about as a result of the Peace II Agreement SEIR mitigation measure 4.4-3 and was adopted by IEUA's Board in October, 2010. The purpose of the mitigation measure is to ensure that the Prado Basin riparian habitat will not be impacted by Hydraulic Control. The basic program tasks are to convene a committee that will develop this adaptive management plan, to install necessary monitoring wells, to complete vegetation and aerial surveys, and to implement photo station monitoring. In terms of the financial aspects of this program, there is a cost sharing agreement, which was approved by the Watermaster Board in September, 2012 for a total budget of \$440,000. The cost sharing agreement between IEUA and Watermaster was increased from \$220,000 to \$300,000 effective August 22, 2013 with the approval of the Board. This is a 50/50 cost sharing agreement between Watermaster and IEUA with a not to exceed amount of \$300,000 for each party. Included in that cost is hiring a consultant to develop the adaptive management plan, WEI performing the project management tasks related to the monitoring well installation, hiring a contractor to construct and install up to seventeen monitoring wells at nine separate sites, and United States Bureau of Reclamation

performing vegetation monitoring every three years. Grants have been applied for to offset the cost of this program; however, the Grants were not approved.

The process of invoicing IEUA for their 50% portion of the (WEI) invoices will be completed by Watermaster staff at the end of every quarter. The information listed below is provided for the period of May 1, 2012 through May 31, 2016:

	Wildermuth Environmental, Inc.	50% Billing "TO" IEUA	50% Billing "FROM" IEUA	Costs For Watermaster	Watermaster Staff "Hours"	Watermaster Staff "Costs"
May 2012 - Jun. 2012	\$ 11,143.75	\$ (5,571.88)	\$ -	\$ 5,571.88	4.00	\$ 411.38
Jul. 2012 - Jun. 2013	\$ 120,945.28	\$ (60,472.64)	\$ 6,275.92	\$ 66,748.56	73.00	\$ 7,837.27
Jul. 2013 - Jun. 2014	\$ 21,722.09	\$ (10,861.05)	\$ 474.09	\$ 11,335.14	56.00	\$ 5,719.30
Jul. 2014 - Jun. 2015	\$ 198,138.44	\$ (99,069.22)	\$ -	\$ 99,069.22	9.00	\$ 1,141.63
Jul. 2015 - May 2016	\$ 4,428.00	\$ (2,214.00)	\$ -	\$ 2,214.00	30.00	\$ 3,587.65
<b>Totals</b>	<b>\$ 356,377.56</b>	<b>\$ (178,188.78)</b>	<b>\$ 6,750.01</b>	<b>\$ 184,938.79</b>	<b>172.00</b>	<b>\$ 18,697.23</b>
	7108.7	7108.71, 7108.72	7108.75			7108.11

#### OTHER INCOME AND EXPENSE

There were no other significant items to report within the category of Other Income and Expenses for the month ending May 31, 2016.

#### PREVIOUSLY REPORTED ACTIONS (Descending Order)

July 2015:

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 2015/16 annual administrative fee invoice was issued on July 1, 2015 in the amount of \$157,349.47 under invoice number DYY 15-01. On August 3, 2015 payment in the amount of \$157,349.47 was received from The Metropolitan Water District of Southern California.

#### "CARRY OVER" FUNDING

##### CURRENT MONTH – MAY 2016

As of May 31, 2016, the total (YTD) amount remaining of the "Carried Over" funding is \$1,378,819.40 (\$1,872,937.85 - \$494,118.45 = \$1,378,819.40). The following details are provided:

"Carried Over" Expenses At June 30, 2015

			GL Account		
Printing - Annual Report	\$ 5,000.00	A	6045	FY 2014/15	ADM
Rauch Communication Consultants - Annual Report	\$ 15,000.00	B	6061.3	FY 2014/15	ADM
Ground Level Monitoring - Engineering	\$ 9,813.00	C	7107.2 <sup>1</sup>	FY 2014/15	ENG
Ground Level - Contracted Services	\$ 34,770.00	D	7107.6 <sup>1</sup>	FY 2014/15	ENG
Chino Hills ASR Project	\$ 29,285.99	E	7107.62	FY 2013/14	ASR
Hydraulic Control Engineering - PBHSP	\$ 12,127.00	F	7108.31 <sup>2</sup>	FY 2014/15	ENG
Hydraulic Control Monitoring Lab Services - PBHSP	\$ 35,986.00	G	7108.41 <sup>2</sup>	FY 2014/15	ENG
Hydraulic Control Monitoring - Adaptive Mgmt Plan	\$ 33,000.00	H	7108.32 <sup>3</sup>	FY 2014/15	ENG
Jurupa Pumping Station (TO #5)	\$ 37,981.33	I	7209.1	FY 2013/14	PROJ
Wineville Basin Proof of Concept (TO #6)	\$ 35,397.53	J	7209.2	FY 2013/14	PROJ
PE 6&7 - Engineering Services	\$ 11,000.00	K	7502 <sup>4</sup>	FY 2014/15	ENG
Hickory Basin Recharge Improvement Project	\$ 3,877.00	L	7690.3	FY 2013/14	PROJ
San Sevaine Recharge Improvement Project (TO #8)	\$ 300,000.00	M	7690.4	FY 2013/14	PROJ
San Sevaine Recharge Improvement Project (TO #8)	\$ 175,000.00	M	7690.4	FY 2014/15	PROJ
CB20 Turnout Noise Abatement Project	\$ 58,193.00	N	7690.5	FY 2011/12	PROJ
CB20 Turnout Noise Abatement Project	\$ 21,807.00	N	7690.5	FY 2013/14	PROJ
GWR SCADA Upgrades (TO #4)	\$ 45,700.00	O	7690.61	FY 2013/14	PROJ
GWR SCADA Upgrades (TO #4)	\$ 337,500.00	O	7690.61	FY 2014/15	PROJ
SCADA Communication Upgrades (TO #3)	\$ 547,500.00	P	7690.62	FY 2014/15	PROJ
Upper Santa Ana River HCP (TO #7)	\$ 75,000.00	Q	7690.7	FY 2014/15	PROJ
Lower Day Basin RMPU (TO #2)	\$ 49,000.00	R	7690.8	FY 2014/15	PROJ
<b>Total Balance, June 30, 2015</b>	<b>\$ 1,872,937.85</b>				

"Carried Over" Balance, July 1, 2015

\$ 1,872,937.85

Less: (Invoices Received To Date FY 2015/16)

Printing - Annual Report	\$ (5,000.00)	A	6045	FY 2014/15	ADM
Rauch Communication Consultants - Annual Report	\$ (15,000.00)	B	6061.3	FY 2014/15	ADM
Ground Level Monitoring - Engineering	\$ (9,813.00)	C	7107.2 <sup>1</sup>	FY 2014/15	ENG
Ground Level - Contracted Services	\$ (34,770.00)	D	7107.6 <sup>1</sup>	FY 2014/15	ENG
Hydraulic Control Engineering - PBHSP	\$ (12,127.00)	F	7108.31 <sup>2</sup>	FY 2014/15	ENG
Hydraulic Control Monitoring Lab Services - PBHSP	\$ (34,534.00)	G	7108.41 <sup>2</sup>	FY 2014/15	ENG
Hydraulic Control Monitoring - Adaptive Mgmt Plan	\$ (33,000.00)	H	7108.32 <sup>3</sup>	FY 2014/15	ENG
PE 6&7 - Engineering Services	\$ (11,000.00)	K	7502 <sup>4</sup>	FY 2014/15	ENG
San Sevaine Recharge Improvement Project (TO #8)	\$ (111,118.08)	M	7690.4	FY 2014/15	PROJ
CB20 Turnout Noise Abatement Project	\$ (25,207.74)	N	7690.5	FY 2014/15	PROJ
GWR SCADA Upgrades (TO #4)	\$ (56,514.47)	O	7690.61	FY 2014/15	PROJ
SCADA Communication Upgrades (TO #3)	\$ (97,034.16)	P	7690.62	FY 2014/15	PROJ
Lower Day Basin RMPU (TO #2)	\$ (49,000.00)	R	7690.8	FY 2014/15	PROJ
<b>Updated Balance as of May 31, 2016</b>	<b>\$ 1,378,819.40</b>				

<sup>1</sup> Long-Term Pumping Test

<sup>3</sup> Adaptive Management Plan

<sup>2</sup> Prado Basin Habitat Sustainability Program monitoring program

<sup>4</sup> Upload GeoTracker and EnviroStor sites

BACKGROUND OF "CARRY OVER" FUNDING

Once the FY 2014/15 period as of June 30, 2015 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 2015/16 budget. The Total "Carry Over" funding amount of \$1,872,937.852 was posted to the accounts as of July 1, 2016. The total amount of \$1,872,937.85 consisted of \$1,686,955.86 from Capital Improvement Projects; \$136,696.00 from Engineering Services; \$29,285.99 from the Chino Hills ASR Project; and \$20,000.00 from the Administration budget for completion of the Annual Reports.

Several projects were completed during FY 2014/15 and have remaining funds available to be either (1) transferred to other project(s) that need additional funding, (2) keep amounts on reserve for future Capital Improvement Projects, or (3) refunded back to the Appropriative Pool when the Assessment package is invoiced. The funding amounts available are as follows: Jurupa Pumping Station in the amount of \$37,981.33 (account 7209.1); Wineville Basin Proof of Concept in the amount of \$35,397.53 (account 7209.2); and Hickory Basin Recharge Improvement Project in the amount of \$3,877.00 (account 7690.3). The total amount available is \$77,255.86 (\$37,981.33 + \$35,397.53 + \$3,877.00 = \$77,255.86).

The San Sevaine Recharge Improvement Project-Task Order #8 has a remaining funded budget balance of \$475,000 in account (7690.4); the CB 20 Turnout project has a remaining funded budget balance of \$80,000 in account (7690.5); the GWR SCADA Upgrades-Task Order #4 has a remaining funded budget balance of \$383,200 in account (7960.61); the SCADA Communication Upgrades-Task Order #3 has a remaining funded budget balance of \$547,500 in account (7690.62); the Upper Santa Ana River HCP-Task Order #7 has a remaining funded balance of \$75,000 in account (7690.7); and the Lower Day Basin RMPU-Task Order #2 has a remaining funded budget balance of \$49,000 in account (7690.8). The total funded budget for these combined projects is \$1,609,700.

Unspent funds related to ongoing projects and associated activities from the Engineering Services budget from FY 2014/15 in several accounts totaling \$136,696 were "Carried Over" into the current FY 2015/16 budget. These funds were from the Ground Level Monitoring-Engineering (7107.2) in the amount of \$9,813; Ground Level Monitoring-Contracted Services (7107.6) in the amount of \$34,770; Hydraulic Control Monitoring-Engineering-PBHSP (7108.31) in the amount of \$12,127; Hydraulic Control Monitoring-Lab Services-PBHSP (7108.41) in the amount of \$35,986; Hydraulic Control Monitoring-Adaptive Management Plan (7108.7) in the amount of \$33,000; and Cooperative Efforts/Salt Management Engineering Services (7502) in the amount of \$11,000.

The ongoing Chino Hills ASR Project continues into FY 2015/16 and previous years funding of \$29,285.99 has been carried over into account (7107.62).

Unspent funds of \$20,000 related to the ongoing Annual Reports for development, production, and printing from the Administrative budget from FY 2014/15 from two accounts were "Carried Over" into the current FY 2015/16 budget. These funds were from the Printing-Annual Report (6045) in the amount of \$5,000; and Rauch Communication Consultants-Annual Report (6061.3) in the amount of \$15,000.

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, 2016, any remaining balances of the FY 2015/16 and prior years funding (if any), along with any new FY 2015/16 expenses, will then be "Carried Over" into the FY 2016/17 budget.

#### AUDIT FIELD WORK

##### FY 2015/16

Auditors from the audit firm of Fedak & Brown, LLP were onsite at the Watermaster offices on March 28, 2016. This was the start of the interim field work for the period of July 1, 2015 through January 31, 2016. The final field work for the period of February 1, 2016 through June 30, 2016 is planned for August 2016, with the Annual Financial and Audit Reports presented to the Watermaster Board at the November 17, 2016 Board meeting. The Annual Financial and Audit Reports for FY 2015/16 will be posted to the Watermaster website in December 2016.

##### FY 2014/15

Auditors from the audit firm of Fedak & Brown LLP were onsite at the Watermaster offices on August 10 and August 11, 2015. This was the final field work and the start of the development of the audited financial reports and statements for FY 2014/15. The initial field work was completed on June 15 and July 21, 2015. On November 19, 2015, the Senior Manager of Fedak & Brown, LLP presented the Annual Financial and Audit Reports to the Watermaster Board. The Annual Financial and Audit Reports for FY 2014/15 were posted to the Watermaster website on November 23, 2015.

#### FY 2015/16 EXHIBIT "G" NON-AGRICULTURAL POOL SALE OF WATER

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. Watermaster has determined that California Steel Industries, Inc. (CSI), California Speedway Corporation (Auto Club Speedway), and NRG CA South, LP are in compliance with Restated Judgment, Exhibit "G" ¶9(g), authorizing 2015-2016 Exhibit "G" Physical Solution Transfers.

The invoices to the eleven Appropriators who purchased Exhibit "G" water from the Non-Agricultural Pool were issued on March 25, 2016 totaling \$2,540,000. As of June 30, 2016 Watermaster received all of the payments from the Appropriators and those payments had cleared the bank. Watermaster issued payment to California Steel Industries, Inc. (CSI) in the amount of \$1,270,000 (2,500.000 AF x \$508.00 = \$1,270,000); California Speedway Corporation (Auto Club Speedway) in the amount of \$508,000 (1,000.000 AF x \$508.00 = \$508,000); and NRG CA South, LP in the amount of \$762,000 (1,500.000 AF x \$508.00 = \$762,000).

#### ASSESSMENT INVOICING

##### CURRENT MONTH – MAY 2016

Due to the Safe Yield Reset process this year, and the effects that it had on the Assessment Package, production of the FY 2015-2016 Assessment Package was initially delayed. On November 19, 2015, the Watermaster Board approved the collection of an interim partial assessment which collected fifty percent of last year's (FY 2014-2015) Appropriative Pool Admin and OBMP assessments, including those paid on behalf of the Agricultural Pool, in addition to fifty percent of last year's Recharge Debt and Recharge Improvement assessments.

The Watermaster Board approved the FY 2015-2016 Assessment Package (Production Year 2014-2015) at the June 23, 2016 meeting. Watermaster staff created and emailed the Assessment invoices on Thursday, June 23, 2016. The Assessment invoices are due 30 days from invoice date, with payments received by Watermaster on or before close of business on Monday, July 25, 2016. As in prior years, payments can be made by either check or wire transfer.

This 2<sup>nd</sup> Assessment invoicing included the standard Assessment amounts per the Assessment Package, along with any Special Assessments and the "Excess Cash Reserve" refund credits. The Appropriative Pool had a Special Assessment of \$75,000 as approved during the budgeting process. The \$75,000 was allocated to the Appropriative Pool members based upon a prorated formula of 50% OSY and 50% Physical Production from 2014-2015. The Non-Agricultural Pool had a Special Assessment of \$60,000 as approved during a Confidential Session on November 12, 2015. The \$60,000 was allocated to the Non-Agricultural Pool members based upon a prorated formula of Actual Production from 2014-2015. The Excess Cash Reserve Refunds were \$87,128 to the Appropriative Pool members and \$3,182 to the Non-Agricultural Pool members. The Excess Cash Reserve Funds for Recharge Debt Service Payments were \$345,914 to only the Appropriative Pool members. The Excess Cash Reserve Refunds of \$87,128 and \$3,182 were applied as credits on the June 23, 2016 Assessment invoices and allocated based upon last year's percentage of assessments paid. The Excess Cash Reserve Refunds for Recharge Debt

Service Payment of \$345,914 (only to the Appropriative Pool members) was based upon the OSY percentages, which is the same formula used as the basis of payments for this category. Finally, the payments made on the initial Assessment invoicing dated November 19, 2015 were credited against the June 23, 2016 invoices in full.

#### PREVIOUSLY REPORTED ACTIONS (Descending Order)

##### April 2016:

With the Safe Yield Redetermination and Reset court hearing date changed to June 24, 2016, Watermaster will be issuing the FY 2015/16 Assessment Package (Production Year FY 2014/15) during the month of June 2016. If the Assessment Package is approved at the Watermaster Board meeting scheduled for June 23, 2016 the assessment invoices would be emailed to the parties on the same day. Payment would be due to Watermaster 30 days from the invoice date, due no later than July 25, 2016.

##### February 2016:

As discussed during the FY 2015/16 Mid-Year Review during the February 2016 meetings, if the Safe Yield Redetermination and Reset is resolved and completed during the April 8, 2016 court hearing, the FY 2015/16 Assessment Package (Production Year FY 2014/15) could be completed and presented in the June or July 2016 timeframe. If the Assessment invoices were then issued in July 2016, payment would be due to Watermaster in August 2016. As presented during the FY 2015/16 Mid-Year Review, Watermaster projects the current cash flow could sustain Watermaster until late September 2016.

##### December 2015:

Due to the Safe Yield Reset process this year, and the effects that it had on the Assessment Package, production of the Assessment Package was delayed. The Assessment Package will not be produced until the Court has considered the Safe Yield Reset Agreement, which is expected in a few months. However, Watermaster cannot wait until that time to collect assessments, as the funds will be needed sooner than that in order to keep Watermaster operational.

On November 19, 2015 the Watermaster Board approved staff's recommendation for collection of an interim partial assessment based upon fifty percent of last year's Appropriative Pool Admin and OBMP assessments, including those paid on behalf of the Agricultural Pool, in addition to fifty percent of last year's Recharge Debt and Recharge Improvement assessments, and to collect fifty percent of last year's Non-Ag Pool Admin and OBMP assessments. The balance, accounting for the interim assessment, would be collected when the Assessment Package is produced, following consideration of the Safe Yield Reset Agreement by the Court. Note that if a Party has an amount due of less than \$500 (including special assessments), collection was deferred until the final assessment invoice later in the fiscal year.

Included as part of the interim assessment invoicing, the Non-Agricultural Pool had a Special Assessment of \$60,000 as approved during a Confidential Session on November 12, 2015. The \$60,000 was allocated to the Non-Agricultural Pool members based upon the tentative actual production numbers from 2014/15 and will be adjusted once all Water Activity Reports (WARs) have been received.

The Watermaster staff issued and emailed the "interim" Assessment invoices on Thursday, November 19, 2015. The Assessment invoices were due 30 days from invoice date, on or before Monday, December 21, 2015. New for this payment cycle is the ability for parties to pay their invoice either by check or by wire transfer.

All "interim" Assessment invoice payments have been received.

#### ATTACHMENTS

1. Financial Report - B5

	1/12th (8.33%) of the Total Budget				11/12th (92%) of the Total Budget				100% of the Total Budget			
	For The Month of May 2016				Year-To-Date as of May 31, 2016				Fiscal Year End as of June 30, 2016			
	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%	157,349.47	157,941.00	-591.53	99.63%	157,349.47	157,941.00	-591.53	99.63%
4110 · Admin Asmnts-Approp Pool	0.00	0.00	0.00	0.0%	3,569,781.01	8,887,418.00	-5,317,636.99	40.17%	8,874,750.44	8,887,418.00	-12,667.56	99.86%
4120 · Admin Asmnts-Non-Agri Pool	0.00	0.00	0.00	0.0%	151,739.47	296,797.00	-145,057.53	51.13%	309,364.12	296,797.00	12,567.12	104.23%
4700 · Non Operating Revenues	0.00	0.00	0.00	0.0%	18,110.07	16,537.00	1,573.07	109.51%	24,146.00	22,050.00	2,096.00	109.51%
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>	0.00	0.00	0.00	0.0%	3,896,980.02	9,358,693.00	-5,461,712.98	41.64%	9,365,610.03	9,364,206.00	1,404.03	100.02%
<b>Gross Profit</b>	0.00	0.00	0.00	0.0%	3,896,980.02	9,358,693.00	-5,461,712.98	41.64%	9,365,610.03	9,364,206.00	1,404.03	100.02%
<b>Expense</b>												
6010 · Admin. Salary/Benefit Costs	79,687.72	73,853.00	5,834.72	107.9%	809,287.22	810,005.00	-717.78	99.91%	877,531.46	880,591.00	-3,059.54	99.65%
6020 · Office Building Expense	8,264.67	8,690.00	-425.33	95.11%	94,043.18	101,691.00	-7,647.82	92.48%	105,814.08	110,381.00	-4,566.92	95.86%
6030 · Office Supplies & Equip.	944.33	2,630.00	-1,685.67	35.91%	23,339.68	29,930.00	-6,590.32	77.98%	30,638.84	32,560.00	-1,921.16	94.1%
6040 · Postage & Printing Costs	3,351.44	3,303.00	48.44	101.47%	46,321.92	54,279.00	-7,957.08	85.34%	59,445.16	60,032.00	-586.84	99.02%
6050 · Information Services	11,005.46	9,320.00	1,685.46	118.08%	118,188.79	122,020.00	-3,831.21	96.86%	129,001.54	131,840.00	-2,838.46	97.85%
6060 · Contract Services	8,516.25	0.00	8,516.25	100.0%	40,895.37	55,600.00	-14,704.63	73.55%	54,381.50	55,600.00	-1,218.50	97.81%
6070 · Watermaster Legal Services	42,057.95	16,147.00	25,910.95	260.47%	339,679.09	240,304.00	99,375.09	141.35%	267,114.14	256,450.00	10,664.14	104.16%
6080 · Insurance	0.00	0.00	0.00	0.0%	26,083.25	26,776.00	-692.75	97.41%	27,583.25	27,916.00	-332.75	98.81%
6110 · Dues and Subscriptions	0.00	0.00	0.00	0.0%	19,016.72	20,835.00	-1,818.28	91.27%	20,842.60	21,335.00	-492.40	97.69%
6140 · WM Admin Expenses	345.58	75.00	270.58	460.77%	1,888.29	2,325.00	-436.71	81.22%	2,400.66	2,700.00	-299.34	88.91%
6150 · Field Supplies	0.00	0.00	0.00	0.0%	828.11	1,450.00	-621.89	57.11%	1,117.20	1,450.00	-332.80	77.05%
6170 · Travel & Transportation	1,469.44	1,725.00	-255.56	85.19%	19,181.68	22,720.00	-3,538.32	84.43%	22,456.22	25,320.00	-2,863.78	88.69%
6190 · Training, Conferences, Seminars	2,386.04	2,683.00	-296.96	88.93%	25,275.20	20,825.00	4,450.20	121.37%	27,640.06	22,400.00	5,240.06	123.39%
6200 · Advisory Comm - WM Board	2,068.31	3,668.00	-1,599.69	56.39%	26,816.61	40,092.00	-13,275.39	66.89%	34,104.56	43,674.00	-9,569.44	78.09%
6300 · Watermaster Board Expenses	6,613.55	14,942.00	-8,328.45	44.26%	103,236.08	163,943.00	-60,706.92	62.97%	137,526.70	178,744.00	-41,217.30	76.94%
8300 · Appr PI-WM & Pool Admin	7,275.31	11,377.00	-4,101.69	63.95%	103,497.33	124,806.00	-21,308.67	82.93%	122,696.88	136,069.00	-13,372.12	90.17%
8400 · Agri Pool-WM & Pool Admin	3,662.97	5,008.00	-1,345.03	73.14%	36,633.58	54,783.00	-18,149.42	66.87%	47,492.78	59,690.00	-12,197.22	79.57%
8467 · Ag Legal & Technical Services	24,942.50	17,083.00	7,859.50	146.01%	260,862.50	187,917.00	72,945.50	138.82%	331,855.00	205,000.00	126,855.00	161.88%
8470 · Ag Meeting Attend -Special	1,050.00	1,850.00	-800.00	56.76%	24,400.00	20,350.00	4,050.00	119.9%	33,250.00	22,200.00	11,050.00	149.78%
8471 · Ag Pool Expense	0.00	0.00	0.00	0.0%	0.00	48,750.00	-48,750.00	0.0%	9,059.00	65,000.00	-55,941.00	13.94%
8485 · Ag Pool - Misc. Exp. - Ag Fund	0.00	100.00	-100.00	0.0%	0.00	400.00	-400.00	0.0%	100.00	400.00	-300.00	25.0%
8500 · Non-Ag PI-WM & Pool Admin	7,433.34	9,018.00	-1,584.66	82.43%	86,550.97	99,016.00	-12,465.03	87.41%	97,727.24	107,974.00	-10,246.76	90.51%
9400 · Depreciation Expense	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	5,500.00	0.00	5,500.00	100.0%
9500 · Allocated G&A Expenditures	-13,894.02	-33,442.00	19,547.98	41.55%	-190,602.96	-367,864.00	177,261.04	51.81%	-229,474.56	-401,307.00	171,832.44	57.18%
6900 · Optimum Basin Mgmt Plan	75,620.97	79,267.67	-3,646.70	95.4%	1,616,136.80	1,515,648.33	100,488.47	106.63%	1,614,587.02	1,594,437.00	20,150.02	101.26%
6950 · Mutual Agency Projects	0.00	0.00	0.00	0.0%	0.00	10,000.00	-10,000.00	0.0%	0.00	10,000.00	-10,000.00	0.0%
9501 · G&A Expenses Allocated-OBMP	1,352.72	10,721.33	-9,368.61	12.62%	63,054.59	117,934.67	-54,880.08	53.47%	92,931.12	128,656.00	-35,724.88	72.23%
7101 · Production Monitoring	4,610.13	4,783.50	-173.37	96.38%	67,010.52	51,977.50	15,033.02	128.92%	78,696.28	56,547.00	22,149.28	139.17%
7102 · In-Line Meter Installation	34.73	5,601.92	-5,567.19	0.62%	5,772.81	61,520.08	-55,747.27	9.38%	33,247.10	67,087.00	-33,839.90	49.56%
7103 · Grdwtr Quality Monitoring	4,659.16	18,431.24	-13,772.08	25.28%	142,884.35	202,119.76	-59,235.41	70.69%	251,627.78	220,342.00	31,285.78	114.2%
7104 · Gdwtr Level Monitoring	23,341.67	19,357.00	3,984.67	120.59%	212,434.08	226,184.00	-13,749.92	93.92%	235,510.64	247,627.00	-12,116.36	95.11%
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%
7107 · Ground Level Monitoring	11,656.81	14,035.25	-2,378.44	83.05%	239,422.66	313,256.74	-73,834.08	76.43%	247,192.28	327,291.99	-80,099.71	75.53%

	1/12th (8.33%) of the Total Budget				11/12th (92%) of the Total Budget				100% of the Total Budget			
	For The Month of May 2016				Year-To-Date as of May 31, 2016				Fiscal Year End as of June 30, 2016			
	Actual	Budget	\$ Over(Under)	% of Budget	Actual	Budget	\$ Over(Under)	% of Budget	Projected	Budget	\$ Over(Under)	% of Budget
7108 · Hydraulic Control Monitoring	14,354.50	25,510.16	-11,155.66	56.27%	264,033.54	371,767.84	-107,734.30	71.02%	374,344.70	397,236.00	-22,891.30	94.24%
7109 · Recharge & Well Monitoring Prog	1,111.50	1,655.58	-544.08	67.14%	15,098.25	18,211.42	-3,113.17	82.91%	12,419.50	19,867.00	-7,447.50	62.51%
7200 · PE2- Comp Recharge Pgm	11,706.94	17,203.67	-5,496.73	68.05%	626,673.05	1,061,516.19	-434,843.14	59.04%	1,010,552.00	1,078,549.86	-67,997.86	93.7%
7300 · PE3&5-Water Supply/Desalte	0.00	3,792.00	-3,792.00	0.0%	0.00	41,541.00	-41,541.00	0.0%	0.00	45,276.00	-45,276.00	0.0%
7400 · PE4- Mgmt Plan	34,017.36	51,886.92	-17,869.56	65.56%	319,422.90	570,653.08	-251,230.18	55.98%	565,215.04	622,505.00	-57,289.96	90.8%
7500 · PE6&7-CoopEfforts/SaltMgmt	0.00	6,845.33	-6,845.33	0.0%	25,862.25	86,163.67	-60,301.42	30.02%	71,609.50	92,966.00	-21,356.50	77.03%
7600 · PE8&9-StorageMgmt/Conj Use	0.00	6,424.84	-6,424.84	0.0%	14,589.18	70,531.16	-55,941.98	20.69%	49,178.36	76,909.00	-27,730.64	63.94%
7690 · Recharge Improvement Debt Pymt	0.00	0.00	0.00	0.0%	690,503.45	3,369,227.00	-2,678,723.55	20.49%	2,786,006.90	3,932,677.00	-1,146,670.10	70.84%
7700 · Inactive Well Protection Prgm	0.00	41.67	-41.67	0.0%	0.00	458.33	-458.33	0.0%	0.00	500.00	-500.00	0.0%
9502 · G&A Expenses Allocated-Projects	12,541.30	22,720.92	-10,179.62	55.2%	127,548.37	249,930.08	-122,381.71	51.03%	136,543.44	272,651.00	-136,107.56	50.08%
<b>Total Expense</b>	<b>392,188.63</b>	<b>436,309.00</b>	<b>-44,120.37</b>	<b>89.89%</b>	<b>6,445,869.41</b>	<b>10,219,593.85</b>	<b>-3,773,724.44</b>	<b>63.07%</b>	<b>9,775,465.97</b>	<b>11,237,143.85</b>	<b>-1,461,677.88</b>	<b>86.99%</b>
<b>Net Ordinary Income</b>	<b>-392,188.63</b>	<b>-436,309.00</b>	<b>44,120.37</b>	<b>89.89%</b>	<b>-2,548,889.39</b>	<b>-860,900.85</b>	<b>-1,687,988.54</b>	<b>296.07%</b>	<b>-409,855.94</b>	<b>-1,872,937.85</b>	<b>1,463,081.91</b>	<b>21.88%</b>
<b>Other Income</b>												
4210 · Approp Pool-Replenishment	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	1,029,609.04	0.00	1,029,609.04	100.0%
4220 · Non-Ag Pool-Replenishment	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	19,383.24	0.00	19,383.24	100.0%
4225 · Interest Income	0.00	0.00	0.00	0.0%	4,198.12	0.00	4,198.12	100.0%	5,597.00	0.00	5,597.00	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%
6400 · Groundwater Sales	0.00	0.00	0.00	0.0%	2,540,000.00	0.00	2,540,000.00	100.0%	2,540,000.00	0.00	2,540,000.00	100.0%
<b>Total Other Income</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>2,544,198.12</b>	<b>0.00</b>	<b>2,544,198.12</b>	<b>100.0%</b>	<b>3,594,589.28</b>	<b>0.00</b>	<b>3,594,589.28</b>	<b>100.0%</b>
<b>Other Expense</b>												
5010 · Groundwater Replenishment	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
5100 · Other Water Purchases	0.00	0.00	0.00	0.0%	2,540,000.00	0.00	2,540,000.00	100.0%	2,540,000.00	0.00	2,540,000.00	100.0%
9200 · Interest Expense	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9251 · Other Post Employment Benefits	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9996 · Refund-Excess Reserves-Approp.	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	87,128.00	0.00	87,128.00	100.0%
9997 · Refund-Excess Reserves-NonAg	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	3,182.00	0.00	3,182.00	100.0%
9998 · Refund-Recharge Debt-Approp.	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	345,914.00	0.00	345,914.00	100.0%
9999 · To/(From) Reserves	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
<b>Total Other Expense</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>2,540,000.00</b>	<b>0.00</b>	<b>2,540,000.00</b>	<b>100.0%</b>	<b>2,976,224.00</b>	<b>0.00</b>	<b>2,976,224.00</b>	<b>100.0%</b>
<b>Net Other Income</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>4,198.12</b>	<b>0.00</b>	<b>4,198.12</b>	<b>100.0%</b>	<b>618,365.28</b>	<b>0.00</b>	<b>618,365.28</b>	<b>100.0%</b>
<b>Net Income</b>	<b>-392,188.63</b>	<b>-436,309.00</b>	<b>44,120.37</b>	<b>89.89%</b>	<b>-2,544,691.27</b>	<b>-860,900.85</b>	<b>-1,683,790.42</b>	<b>295.59%</b>	<b>208,509.34</b>	<b>-1,872,937.85</b>	<b>2,081,447.19</b>	<b>-11.13%</b>

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

# **CHINO BASIN WATERMASTER**

## **I. CONSENT CALENDAR**

### **C. WATER TRANSACTIONS**

***CHINO BASIN WATERMASTER***

**NOTICE**

**OF**

**APPLICATION(S)**

**RECEIVED FOR**

**WATER TRANSACTIONS – ACTIVITIES**

Date of Notice:

June 2, 2016

This notice is to advise interested persons that the attached application(s) will come before the Watermaster Board on or after 30 days from the date of this notice.

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FOR PAGINATION



NOTICE OF APPLICATION(S) RECEIVED

Date of Application: April 28, 2016

Date of this notice: June 2, 2016

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

- Notice of Sale or Transfer – The purchase of 2500.000 acre-feet of water from the City of Pomona by Cucamonga Valley Water District. This purchase is made from the City of Pomona’s excess carryover account.

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

Appropriative Pool: June 9, 2016

Non-Agricultural Pool: June 9, 2016

Agricultural Pool: June 9, 2016

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

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

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

Watermaster address:

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

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

# CHINO BASIN WATERMASTER

## NOTICE OF TRANSFER OF WATER

Notification Dated: June 2, 2016

A party to the Judgment has submitted a proposed transfer of water for Watermaster approval. Unless contrary evidence is presented to Watermaster that overcomes the rebuttable presumption provided in Section 5.3(b)(iii) of the Peace Agreement, Watermaster must find that there is “no material physical injury” and approve the transfer. Watermaster staff is not aware of any evidence to suggest that this transfer would cause material physical injury and hereby provides this notice to advise interested persons that this transfer will come before the Watermaster Board on or after 30 days from the date of this notice. The attached staff report will be included in the meeting package at the time the transfer begins the Watermaster process (comes before Watermaster).



## 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

**DATE:** June 2, 2016  
**TO:** Watermaster Interested Parties  
**SUBJECT:** Summary and Analysis of Application for Water Transaction

### Summary –

There does not appear to be a potential material physical injury to a party or to the basin from the proposed transaction as presented.

### Issue –

- Notice of Sale or Transfer – The purchase of 2500.000 acre-feet of water from the City of Pomona by Cucamonga Valley Water District. This purchase is made from the City of Pomona's excess carryover account.

### Recommendation –

1. Continue monitoring as planned in the Optimum Basin Management Program.
2. Use all new or revised information when analyzing the hydrologic balance and report to Watermaster if a potential for material physical injury is discovered, and
3. Approve the transaction as presented.

### Fiscal Impact –

- None
- May reduce assessments under the 85/15 rule
- Reduce desalter replenishment costs

### Background

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

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

The following application for water transaction is attached with the notice of application.

- Notice of Sale or Transfer – The purchase of 2500.000 acre-feet of water from the City of Pomona by Cucamonga Valley Water District. This purchase is made from the City of Pomona's excess carryover account.

Notice of the water transaction identified above was mailed on June 2, 2016 along with the materials submitted by the requestors.

**DISCUSSION**

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

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

**FISCAL YEAR 2015 - 2016**

**DATE REQUESTED:** April 28, 2016

**AMOUNT REQUESTED:** 2500 Acre-Feet

TRANSFER FROM (SELLER / TRANSFEROR):	TRANSFER TO (BUYER / TRANSFEREE):
<u>City of Pomona</u>	<u>Cucamonga Valley Water District</u>
Name of Party	Name of Party
<u>505 S Garey Avenue</u>	<u>10440 Ashford Street</u>
Street Address	Street Address
<u>Pomona</u> <u>CA</u> <u>91766</u>	<u>Rancho Cucamonga</u> <u>CA</u> <u>91730-2799</u>
City                                      State        Zip Code	City                                      State        Zip Code
<u>(909) 620-2253</u>	<u>(909) 987-2591</u>
Telephone	Telephone
<u>(909) 620-6702</u>	<u>(909) 476-8032</u>
Facsimile	Facsimile

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

**PURPOSE OF TRANSFER:**

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

**WATER IS TO BE TRANSFERRED FROM:**

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

**WATER IS TO BE TRANSFERRED TO:**

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

**IS THE 85/15 RULE EXPECTED TO APPLY? (If yes, all answers below must be "yes.")**    Yes     No

Is the Buyer an 85/15 Party?    Yes     No

Is the purpose of the transfer to meet a current demand over and above production right?    Yes     No

Is the water being placed into the Buyer's Annual Account?    Yes     No

**IF WATER IS TO BE TRANSFERRED FROM STORAGE:**

Varies

Projected Rate of Recapture

Projected Duration of Recapture

**METHOD OF RECAPTURE (e.g. pumping, exchange, etc.):**

Pumping

**PLACE OF USE OF WATER TO BE RECAPTURED:**

Cucamonga Valley Water District Service Area within MZ2

**LOCATION OF RECAPTURE FACILITIES (IF DIFFERENT FROM REGULAR PRODUCTION FACILITIES):**

N/A

**WATER QUALITY AND WATER LEVELS**

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

If yes, please explain:

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

Static water levels varies from 477' – 538'

**MATERIAL PHYSICAL INJURY**

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

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

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

N/A

**SAID TRANSFER SHALL BE CONDITIONED UPON:**

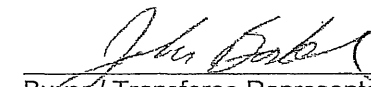
- (1) Transferee shall exercise said right on behalf of Transferor under the terms of the Judgment, the Peace Agreement, the Peace-II Agreement, and the Management Zone 1 Subsidence Management Plan for the period described above. The first water produced in any year shall be that produced pursuant to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

**ADDITIONAL INFORMATION ATTACHED**

Yes  No

  
\_\_\_\_\_  
Seller / Transferor Representative Signature

Darron Poulsen, Water and Wastewater Operations Director  
\_\_\_\_\_  
Seller / Transferor Representative Name (Printed)

  
\_\_\_\_\_  
Buyer / Transferee Representative Signature

John Bosler, Assistant General Manager/COO  
\_\_\_\_\_  
Buyer / Transferee Representative Name (Printed)

**TO BE COMPLETED BY WATERMASTER STAFF:**

DATE OF WATERMASTER NOTICE: \_\_\_\_\_

DATE OF APPROVAL FROM APPROPRIATIVE POOL: \_\_\_\_\_

DATE OF APPROVAL FROM NON-AGRICULTURAL POOL: \_\_\_\_\_

DATE OF APPROVAL FROM AGRICULTURAL POOL: \_\_\_\_\_

HEARING DATE, IF ANY: \_\_\_\_\_

DATE OF ADVISORY COMMITTEE APPROVAL: \_\_\_\_\_

DATE OF BOARD APPROVAL: \_\_\_\_\_

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***CHINO BASIN WATERMASTER***

**NOTICE**

**OF**

**APPLICATION(S)**

**RECEIVED FOR**

**WATER TRANSACTIONS – ACTIVITIES**

Date of Notice:

June 2, 2016

This notice is to advise interested persons that the attached application(s) will come before the Watermaster Board on or after 30 days from the date of this notice.

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NOTICE OF APPLICATION(S) RECEIVED

Date of Application: May 3, 2016

Date of this notice: June 2, 2016

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

- Notice of Sale or Transfer – The purchase of 4000.000 acre-feet of water from the City of Chino by Fontana Water Company. This purchase is made from the City of Chino’s excess carryover account.

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

Appropriative Pool: June 9, 2016

Non-Agricultural Pool: June 9, 2016

Agricultural Pool: June 9, 2016

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

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

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

Watermaster address:

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

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

# **CHINO BASIN WATERMASTER**

## **NOTICE OF TRANSFER OF WATER**

Notification Dated: June 2, 2016

A party to the Judgment has submitted a proposed transfer of water for Watermaster approval. Unless contrary evidence is presented to Watermaster that overcomes the rebuttable presumption provided in Section 5.3(b)(iii) of the Peace Agreement, Watermaster must find that there is “no material physical injury” and approve the transfer. Watermaster staff is not aware of any evidence to suggest that this transfer would cause material physical injury and hereby provides this notice to advise interested persons that this transfer will come before the Watermaster Board on or after 30 days from the date of this notice. The attached staff report will be included in the meeting package at the time the transfer begins the Watermaster process (comes before Watermaster).



## CHINO BASIN WATERMASTER

9641 San Bernardino Road, Rancho Cucamonga, Ca 91730  
Tel: (909) 484.3888 Fax: (909) 484-3890 www.cbwm.org

---

PETER KAVOUNAS, P.E.  
General Manager

**DATE:** June 2, 2016

**TO:** Watermaster Interested Parties

**SUBJECT:** Summary and Analysis of Application for Water Transaction

### Summary –

There does not appear to be a potential material physical injury to a party or to the basin from the proposed transaction as presented.

### Issue –

- Notice of Sale or Transfer – The purchase of 4000.000 acre-feet of water from the City of Chino by Fontana Water Company. This purchase is made from the City of Chino's excess carryover account.

### Recommendation –

1. Continue monitoring as planned in the Optimum Basin Management Program.
2. Use all new or revised information when analyzing the hydrologic balance and report to Watermaster if a potential for material physical injury is discovered, and
3. Approve the transaction as presented.

### Fiscal Impact –

- None
- May reduce assessments under the 85/15 rule
- Reduce desalter replenishment costs

### Background

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

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

The following application for water transaction is attached with the notice of application.

- Notice of Sale or Transfer – The purchase of 4000.000 acre-feet of water from the City of Chino by Fontana Water Company. This purchase is made from the City of Chino's excess carryover account.

Notice of the water transaction identified above was mailed on June 2, 2016 along with the materials submitted by the requestors.

#### **DISCUSSION**

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

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

**FISCAL YEAR 2015 - 2016**

DATE REQUESTED: May 3, 2016

AMOUNT REQUESTED: 4,000.00 Acre-Feet

<b>TRANSFER FROM (SELLER / TRANSFEROR):</b> City of Chino	<b>TRANSFER TO (BUYER / TRANSFEREE):</b> Fontana Water Company
Name of Party P.O. Box 667	Name of Party 15966 Arrow Route
Street Address Chino CA. 91708	Street Address Fontana CA. 92335
City State Zip Code (909) 334-3250	City State Zip Code (909) 822-2201
Telephone	Telephone (909) 823-5046
Facsimile	Facsimile

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

**PURPOSE OF TRANSFER:**

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

**WATER IS TO BE TRANSFERRED FROM:**

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

**WATER IS TO BE TRANSFERRED TO:**

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

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

**IF WATER IS TO BE TRANSFERRED FROM STORAGE:**

Varies 2015 - 2016  
Projected Rate of Recapture Projected Duration of Recapture

**METHOD OF RECAPTURE (e.g. pumping, exchange, etc.):**

Pumping

**PLACE OF USE OF WATER TO BE RECAPTURED:**

Chino Basin Management Zone 3

**LOCATION OF RECAPTURE FACILITIES (IF DIFFERENT FROM REGULAR PRODUCTION FACILITIES):**

N/A

**WATER QUALITY AND WATER LEVELS**

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

If yes, please explain:

Of the wells routinely pumped, current perchlorate levels range from non detect to 9.5 ppb (before treatment) and current nitrate levels (as N) range from 0.47 to 8.81 ppm as of March 2016.

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

Static Water Levels ranging from 317 bgs to 672 bgs as of March 2016.

**MATERIAL PHYSICAL INJURY**

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

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

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

N/A

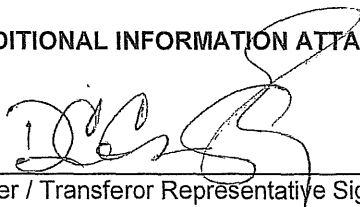


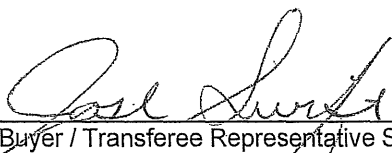
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- (4) Any Transferee not already a party must Intervene and become a party to the Judgment.

**ADDITIONAL INFORMATION ATTACHED**

Yes  No

  
\_\_\_\_\_  
Seller / Transferor Representative Signature  
Dave Crosley, Water and Environmental Manager  
\_\_\_\_\_  
Seller / Transferor Representative Name (Printed)

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

**TO BE COMPLETED BY WATERMASTER STAFF:**

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

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***CHINO BASIN WATERMASTER***

**NOTICE**

**OF**

**APPLICATION(S)**

**RECEIVED FOR**

**WATER TRANSACTIONS – ACTIVITIES**

Date of Notice:

June 2, 2016

This notice is to advise interested persons that the attached application(s) will come before the Watermaster Board on or after 30 days from the date of this notice.

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NOTICE OF APPLICATION(S) RECEIVED

Date of Application: May 3, 2016

Date of this notice: June 2, 2016

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

- Notice of Sale or Transfer – The purchase of 6000.000 acre-feet of water from the City of Chino by Fontana Water Company. This purchase is made from the City of Chino’s excess carryover account.

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

Appropriative Pool: June 9, 2016

Non-Agricultural Pool: June 9, 2016

Agricultural Pool: June 9, 2016

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

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

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

Watermaster address:

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

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

# CHINO BASIN WATERMASTER

## NOTICE OF TRANSFER OF WATER

Notification Dated: June 2, 2016

A party to the Judgment has submitted a proposed transfer of water for Watermaster approval. Unless contrary evidence is presented to Watermaster that overcomes the rebuttable presumption provided in Section 5.3(b)(iii) of the Peace Agreement, Watermaster must find that there is “no material physical injury” and approve the transfer. Watermaster staff is not aware of any evidence to suggest that this transfer would cause material physical injury and hereby provides this notice to advise interested persons that this transfer will come before the Watermaster Board on or after 30 days from the date of this notice. The attached staff report will be included in the meeting package at the time the transfer begins the Watermaster process (comes before Watermaster).



# CHINO BASIN WATERMASTER

9641 San Bernardino Road, Rancho Cucamonga, Ca 91730  
Tel: (909) 484.3888 Fax: (909) 484-3890 www.cbwm.org

---

PETER KAVOUNAS, P.E.  
General Manager

**DATE:** June 2, 2016

**TO:** Watermaster Interested Parties

**SUBJECT:** Summary and Analysis of Application for Water Transaction

**Summary –**

There does not appear to be a potential material physical injury to a party or to the basin from the proposed transaction as presented.

**Issue –**

- Notice of Sale or Transfer – The purchase of 6000.000 acre-feet of water from the City of Chino by Fontana Water Company. This purchase is made from the City of Chino's excess carryover account.

**Recommendation –**

1. Continue monitoring as planned in the Optimum Basin Management Program.
2. Use all new or revised information when analyzing the hydrologic balance and report to Watermaster if a potential for material physical injury is discovered, and
3. Approve the transaction as presented.

**Fiscal Impact –**

- None
- May reduce assessments under the 85/15 rule
- Reduce desalter replenishment costs

**Background**

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

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- Notice of Sale or Transfer – The purchase of 6000.000 acre-feet of water from the City of Chino by Fontana Water Company. This purchase is made from the City of Chino's excess carryover account.

Notice of the water transaction identified above was mailed on June 2, 2016 along with the materials submitted by the requestors.

**DISCUSSION**

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



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

FISCAL YEAR 2015 - 2016

DATE REQUESTED: May 3, 2016

AMOUNT REQUESTED: 6,000.00 Acre-Feet

<b>TRANSFER FROM (SELLER / TRANSFEROR):</b> City of Chino	<b>TRANSFER TO (BUYER / TRANSFEREE):</b> Fontana Water Company
Name of Party P.O. Box 667	Name of Party 15966 Arrow Route
Street Address Chino CA. 91708	Street Address Fontana CA. 92335
City State Zip Code (909) 334-3250	City State Zip Code (909) 822-2201
Telephone	Telephone (909) 823-5046
Facsimile	Facsimile

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

**PURPOSE OF TRANSFER:**

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

**WATER IS TO BE TRANSFERRED FROM:**

- Annual Production Right (Appropriative Pool) or Operating Safe Yield (Non-Agricultural Pool)
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- Annual Production Right / Operating Safe Yield first, then any additional from Storage
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**WATER IS TO BE TRANSFERRED TO:**

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

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

<b>IF WATER IS TO BE TRANSFERRED FROM STORAGE:</b>	
<u>Varies</u>	<u>2015 - 2016</u>
Projected Rate of Recapture	Projected Duration of Recapture
<b>METHOD OF RECAPTURE (e.g. pumping, exchange, etc.):</b>	
<u>Pumping</u>	
<b>PLACE OF USE OF WATER TO BE RECAPTURED:</b>	
<u>Chino Basin Management Zone 3</u>	
<b>LOCATION OF RECAPTURE FACILITIES (IF DIFFERENT FROM REGULAR PRODUCTION FACILITIES):</b>	
<u>N/A</u>	

**WATER QUALITY AND WATER LEVELS**

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

If yes, please explain:

Of the wells routinely pumped, current perchlorate levels range from non detect to 9.5 ppb (before treatment) and current nitrate levels (as N) range from 0.47 to 8.81 ppm as of March 2016.

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

Static Water Levels ranging from 317 bgs to 672 bgs as of March 2016.

**MATERIAL PHYSICAL INJURY**

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

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

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

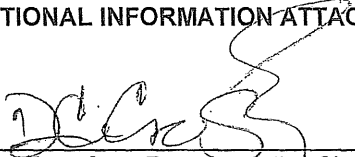
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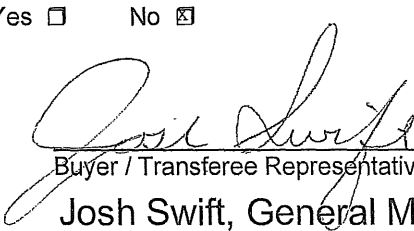
**SAID TRANSFER SHALL BE CONDITIONED UPON:**

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

**ADDITIONAL INFORMATION ATTACHED**

Yes  No

  
 \_\_\_\_\_  
 Seller / Transferor Representative Signature  
 Dave Crosley, Water and Environmental Manager  
 \_\_\_\_\_  
 Seller / Transferor Representative Name (Printed)

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

**TO BE COMPLETED BY WATERMASTER STAFF:**

- DATE OF WATERMASTER NOTICE: \_\_\_\_\_
- DATE OF APPROVAL FROM APPROPRIATIVE POOL: \_\_\_\_\_
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***CHINO BASIN WATERMASTER***

**NOTICE**

**OF**

**APPLICATION(S)**

**RECEIVED FOR**

**WATER TRANSACTIONS – ACTIVITIES**

Date of Notice:

June 2, 2016

This notice is to advise interested persons that the attached application(s) will come before the Watermaster Board on or after 30 days from the date of this notice.

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## NOTICE OF APPLICATION(S) RECEIVED

Date of Application: May 3, 2016

Date of this notice: June 2, 2016

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

- Notice of Sale or Transfer – The purchase of 3500.000 acre-feet of water from the City of Ontario by Fontana Water Company. This purchase is made from the City of Ontario's excess carryover account.

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

Appropriative Pool: June 9, 2016

Non-Agricultural Pool: June 9, 2016

Agricultural Pool: June 9, 2016

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

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Watermaster address:

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Rancho Cucamonga, CA 91730

Tel: (909) 484-3888  
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# CHINO BASIN WATERMASTER

## NOTICE OF TRANSFER OF WATER

Notification Dated: June 2, 2016

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## CHINO BASIN WATERMASTER

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Tel: (909) 484.3888 Fax: (909) 484-3890 www.cbwm.org

---

**PETER KAVOUNAS, P.E.**  
General Manager

**DATE: June 2, 2016**

**TO: Watermaster Interested Parties**

**SUBJECT: Summary and Analysis of Application for Water Transaction**

### **Summary –**

There does not appear to be a potential material physical injury to a party or to the basin from the proposed transaction as presented.

### **Issue –**

- Notice of Sale or Transfer – The purchase of 3500.000 acre-feet of water from the City of Ontario by Fontana Water Company. This purchase is made from the City of Ontario's excess carryover account.

### **Recommendation –**

1. Continue monitoring as planned in the Optimum Basin Management Program.
2. Use all new or revised information when analyzing the hydrologic balance and report to Watermaster if a potential for material physical injury is discovered, and
3. Approve the transaction as presented.

### **Fiscal Impact –**

- None
- May reduce assessments under the 85/15 rule
- Reduce desalter replenishment costs

### **Background**

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

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FISCAL YEAR 2015-2016

DATE REQUESTED: May 3, 2016

AMOUNT REQUESTED: 3,500.00 Acre-Feet

<b>TRANSFER FROM (SELLER / TRANSFEROR):</b> City of Ontario	<b>TRANSFER TO (BUYER / TRANSFEREE):</b> Fontana Water Company
Name of Party 1425 South Bon View Ave	Name of Party 15966 Arrow Route
Street Address Ontario CA 91761	Street Address Fontana CA 92335
City State Zip Code (909) 395-2605	City State Zip Code (909) 822-2201
Telephone (909) 395-2601	Telephone (909) 823-5046
Facsimile	Facsimile

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

**PURPOSE OF TRANSFER:**

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

**WATER IS TO BE TRANSFERRED FROM:**

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

**WATER IS TO BE TRANSFERRED TO:**

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

**IS THE 85/15 RULE EXPECTED TO APPLY? (If yes, all answers below must be "yes.")**    Yes     No

Is the Buyer an 85/15 Party?    Yes     No

Is the purpose of the transfer to meet a current demand over and above production right?    Yes     No

Is the water being placed into the Buyer's Annual Account?    Yes     No

<b>IF WATER IS TO BE TRANSFERRED FROM STORAGE:</b>	
Varies	2015 - 2016
Projected Rate of Recapture	Projected Duration of Recapture
<b>METHOD OF RECAPTURE (e.g. pumping, exchange, etc.):</b>	
Pumping	
<b>PLACE OF USE OF WATER TO BE RECAPTURED:</b>	
Chino Basin Management Zone 3	
<b>LOCATION OF RECAPTURE FACILITIES (IF DIFFERENT FROM REGULAR PRODUCTION FACILITIES):</b>	
N/A	

**WATER QUALITY AND WATER LEVELS**

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

If yes, please explain:

Of the wells routinely pumped, current perchlorate levels range from non detect to 9.5 ppb (before treatment) and current nitrate levels (as N) range from 0.47 to 8.81 ppm as of March 2016.

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

Static water levels ranging from 317 feet bgs to 672 feet bgs as of March 2016.

**MATERIAL PHYSICAL INJURY**

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

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

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

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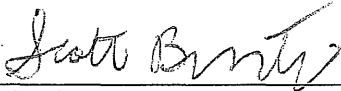
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**SAID TRANSFER SHALL BE CONDITIONED UPON:**

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

**ADDITIONAL INFORMATION ATTACHED**

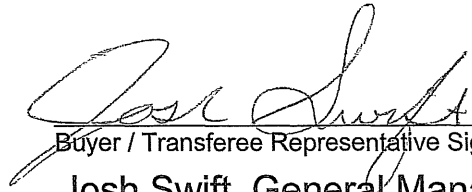
Yes  No



\_\_\_\_\_  
Seller / Transferor Representative Signature

**Scott Burton, Utilities General Manager**

\_\_\_\_\_  
Seller / Transferor Representative Name (Printed)



\_\_\_\_\_  
Buyer / Transferee Representative Signature

**Josh Swift, General Manager**

\_\_\_\_\_  
Buyer / Transferee Representative Name (Printed)

**TO BE COMPLETED BY WATERMASTER STAFF:**

DATE OF WATERMASTER NOTICE: \_\_\_\_\_

DATE OF APPROVAL FROM APPROPRIATIVE POOL: \_\_\_\_\_

DATE OF APPROVAL FROM NON-AGRICULTURAL POOL: \_\_\_\_\_

DATE OF APPROVAL FROM AGRICULTURAL POOL: \_\_\_\_\_

HEARING DATE, IF ANY: \_\_\_\_\_

DATE OF ADVISORY COMMITTEE APPROVAL: \_\_\_\_\_

DATE OF BOARD APPROVAL: \_\_\_\_\_

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***CHINO BASIN WATERMASTER***

**NOTICE**

**OF**

**APPLICATION(S)**

**RECEIVED FOR**

**WATER TRANSACTIONS – ACTIVITIES**

Date of Notice:

June 2, 2016

This notice is to advise interested persons that the attached application(s) will come before the Watermaster Board on or after 30 days from the date of this notice.

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NOTICE OF APPLICATION(S) RECEIVED

Date of Application: **May 3, 2016**

Date of this notice: **June 2, 2016**

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

- Notice of Sale or Transfer – The purchase of 1000.000 acre-feet of water from the City of Upland by Fontana Water Company. This purchase is made from the City of Upland’s excess carryover account.

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

Appropriative Pool: June 9, 2016

Non-Agricultural Pool: June 9, 2016

Agricultural Pool: June 9, 2016

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

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

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

Watermaster address:

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

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

# CHINO BASIN WATERMASTER

## NOTICE OF TRANSFER OF WATER

Notification Dated: June 2, 2016

A party to the Judgment has submitted a proposed transfer of water for Watermaster approval. Unless contrary evidence is presented to Watermaster that overcomes the rebuttable presumption provided in Section 5.3(b)(iii) of the Peace Agreement, Watermaster must find that there is "no material physical injury" and approve the transfer. Watermaster staff is not aware of any evidence to suggest that this transfer would cause material physical injury and hereby provides this notice to advise interested persons that this transfer will come before the Watermaster Board on or after 30 days from the date of this notice. The attached staff report will be included in the meeting package at the time the transfer begins the Watermaster process (comes before Watermaster).



# 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

**DATE:** June 2, 2016

**TO:** Watermaster Interested Parties

**SUBJECT:** Summary and Analysis of Application for Water Transaction

**Summary –**

There does not appear to be a potential material physical injury to a party or to the basin from the proposed transaction as presented.

**Issue –**

- Notice of Sale or Transfer – The purchase of 1000.000 acre-feet of water from the City of Upland by Fontana Water Company. This purchase is made from the City of Upland's excess carryover account.

**Recommendation –**

1. Continue monitoring as planned in the Optimum Basin Management Program.
2. Use all new or revised information when analyzing the hydrologic balance and report to Watermaster if a potential for material physical injury is discovered, and
3. Approve the transaction as presented.

**Fiscal Impact –**

- None
- May reduce assessments under the 85/15 rule
- Reduce desalter replenishment costs

**Background**

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

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

The following application for water transaction is attached with the notice of application.

- Notice of Sale or Transfer – The purchase of 1000.000 acre-feet of water from the City of Upland by Fontana Water Company. This purchase is made from the City of Upland's excess carryover account.

Notice of the water transaction identified above was mailed on June 2, 2016 along with the materials submitted by the requestors.

**DISCUSSION**

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

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

**FISCAL YEAR 2015 - 2016**

**DATE REQUESTED:** May 3, 2016

**AMOUNT REQUESTED:** 1,000.00 Acre-Feet

<b>TRANSFER FROM (SELLER / TRANSFEROR):</b>			<b>TRANSFER TO (BUYER / TRANSFEREE):</b>		
City of Upland			Fontana Water Company		
Name of Party			Name of Party		
460 N. Euclid Avenue			15966 Arrow Route		
Street Address			Street Address		
Upland	CA.	91786	Fontana	CA.	92335
City	State	Zip Code	City	State	Zip Code
(909) 291-2931			(909) 822-2201		
Telephone			Telephone		
(909) 291-2974			(909) 823-5046		
Facsimile			Facsimile		

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

**PURPOSE OF TRANSFER:**

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

**WATER IS TO BE TRANSFERRED FROM:**

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**WATER IS TO BE TRANSFERRED TO:**

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

**IF WATER IS TO BE TRANSFERRED FROM STORAGE:**

Varies \_\_\_\_\_ 2015 - 2016 \_\_\_\_\_  
Projected Rate of Recapture \_\_\_\_\_ Projected Duration of Recapture \_\_\_\_\_

**METHOD OF RECAPTURE (e.g. pumping, exchange, etc.):**

Pumping \_\_\_\_\_

**PLACE OF USE OF WATER TO BE RECAPTURED:**

Chino Basin Management Zone 3 \_\_\_\_\_

**LOCATION OF RECAPTURE FACILITIES (IF DIFFERENT FROM REGULAR PRODUCTION FACILITIES):**

N/A \_\_\_\_\_

**WATER QUALITY AND WATER LEVELS**

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

If yes, please explain:

Of the wells routinely pumped, current perchlorate levels range from non detect to 9.5 ppb (before treatment) and current nitrate levels (as N) range from 0.47 to 8.81 ppm as of March 2016.

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

Static Water Levels ranging from 317 bgs to 672 bgs as of March 2016.

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

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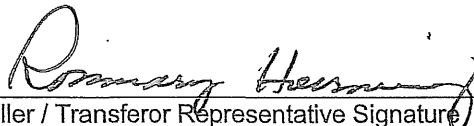
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- (3) Transferee shall pay all Watermaster assessments on account of the water production hereby Transferred.
- (4) Any Transferee not already a party must Intervene and become a party to the Judgment.

**ADDITIONAL INFORMATION ATTACHED**

Yes  No

  
\_\_\_\_\_  
Seller / Transferor Representative Signature  
Rosemary Hoerning, Public Works Director  
\_\_\_\_\_  
Seller / Transferor Representative Name (Printed)

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

**TO BE COMPLETED BY WATERMASTER STAFF:**

DATE OF WATERMASTER NOTICE: \_\_\_\_\_

DATE OF APPROVAL FROM APPROPRIATIVE POOL: \_\_\_\_\_

DATE OF APPROVAL FROM NON-AGRICULTURAL POOL: \_\_\_\_\_

DATE OF APPROVAL FROM AGRICULTURAL POOL: \_\_\_\_\_

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# **CHINO BASIN WATERMASTER**

## **III. REPORTS/UPDATES**

### **E. INLAND EMPIRE UTILITIES AGENCY**

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



## CHINO BASIN WATERMASTER

### ADVISORY COMMITTEE

July 21, 2016

### INLAND EMPIRE UTILITIES AGENCY REPORTS

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#### **Discussion Items:**

- MWD Update (Written)

#### **Written Items:**

- State and Federal Legislative Reports
- Community Outreach/Public Relations Report
- Drought Newsletter



**CBWM Advisory Committee Meeting  
July 21, 2016**

**MWD Update – Discussion**

- **MWD is proposing modifications to the current conservation programs. Summary of proposed changes include:**
  - Reduce rain barrel incentive from \$75 to \$35 each, with limit of 2 per household
  - Addition of cisterns, tiered rebates ranges from \$250 to \$350 for larger units.
  - Renew public agency landscape program, incentive of \$300 per acre-foot saved by offering weather-based controllers and nozzle retrofits.
  - Expand landscape training workshops for residential customers and professionals
  - Offer new residential landscape design assistance for qualified customers
  - Offer new multifamily residential sub-metering rebate at \$100 per unit

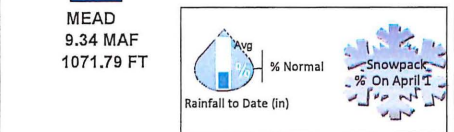
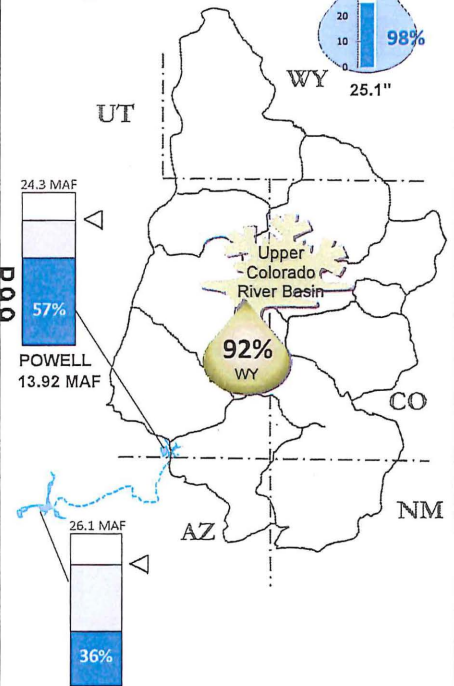
# WATER SUPPLY CONDITIONS CRA

As of: 07/10/2016

**2016 Colorado River**  
 865,000 AF  
 69% of full CRA  
 (Does not include storage withdrawals or exchanges)

Upper Colorado River Basin  
 97% On April 1

Statewide  
 85% On April 1



Turn page for more CRA Data      Flip Over for SWP Data

## HIGHLIGHTS

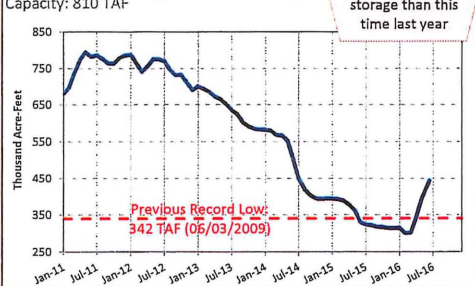
### Colorado River Basin

- Inflow to Lake Powell in June was 2.9 MAF (109% of normal).
- Lake Powell water year inflow forecasted at 92% of normal.
- Upper Colorado River Basin Water Year precipitation to date is normal.

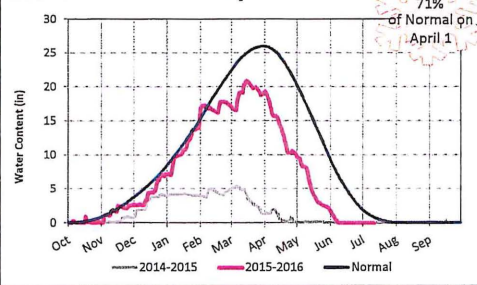
### Northern California

- Oroville storage is 98% of the Historical Average for this time of the year.
- Sacramento River water year runoff forecasted at 102% of normal.
- Northern Sierra Water Year precipitation to date is above normal (119%).

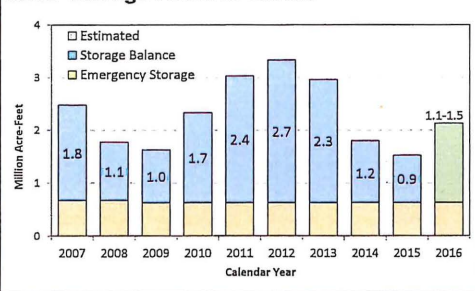
### Diamond Valley Lake Storage



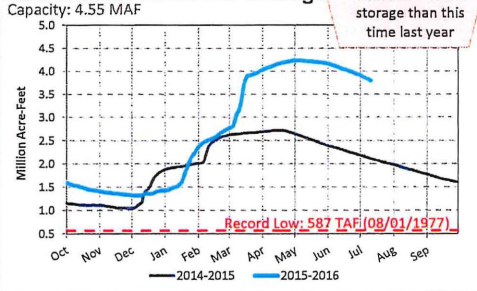
### Southern Sierra Snowpack



### MWD Storage Reserve Levels



### Lake Shasta Reservoir Storage



This report is produced by the Water Resource Management group and contains information from various federal, state, and local agencies. The Metropolitan Water District of Southern California cannot guarantee the accuracy or completeness of this information. Readers should refer to the relevant state, federal, and local agencies for additional or for the most up to date water supply information. Reservoirs, lakes, aqueducts, maps, watersheds, and all other visual representations on this report are not drawn to scale. <http://www.mwdh2o.com/WSCR>

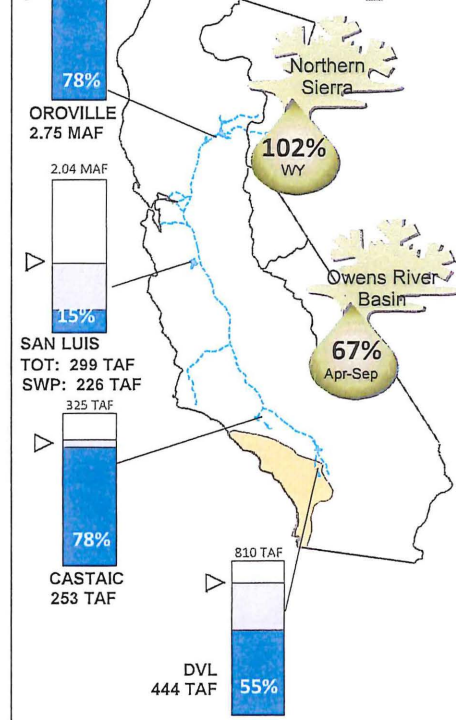
This report is best printed double sided on legal size paper (8.5" x 14") and folded in quarters

# WATER SUPPLY CONDITIONS SWP

As of: 07/10/2016

**2016 SWP Allocation**  
 1,146,900 AF  
 60% of Table A

Statewide  
 85% On April 1



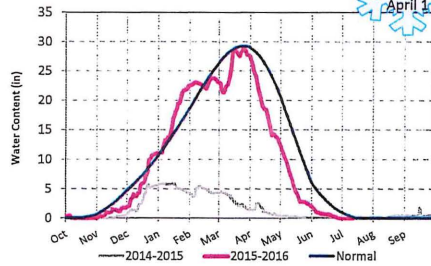
Legend:  
 - Capacity  
 - Average EOM Storage  
 - Current Storage (% Capacity)  
 - Runoff Forecast Water Year to Date unless otherwise indicated

Turn page for CRA Data      Turn page for more SWP Data

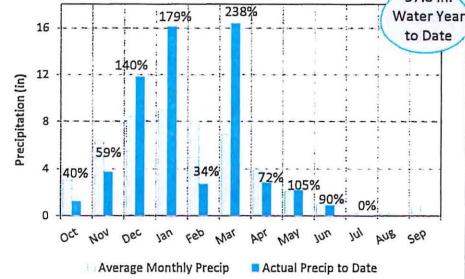
## State Water Project Resources

As of: 07/10/2016

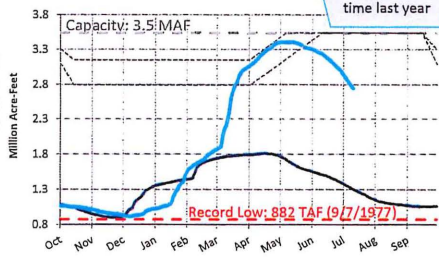
### Northern Sierra Snowpack



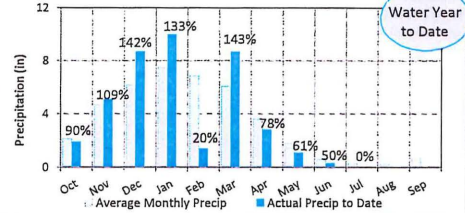
### 8 Station Index Precip



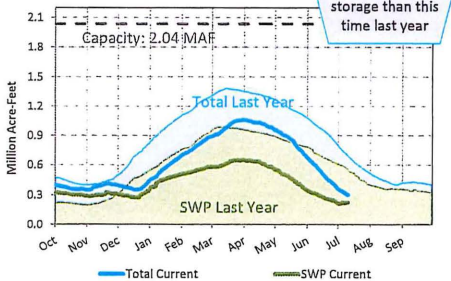
### Oroville Reservoir Storage



### 5 Station Index Precip



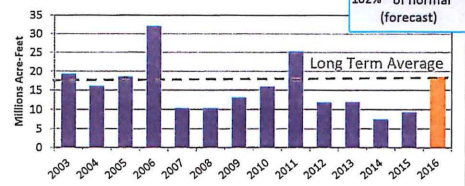
### San Luis Reservoir Storage



### Other SWP Contract Supplies for 2016 (AF)

Transfer Supplies	TBD
Multi Year Pool	7,000
Pool A/B (Purchased)	0
Article 56 (Prior Cal. Year(s) CO)	2,400

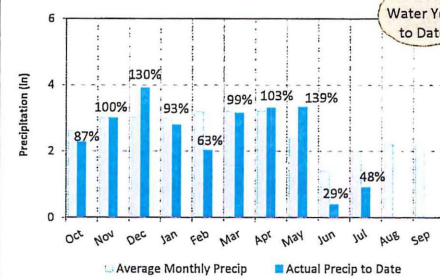
### Sacramento River Runoff



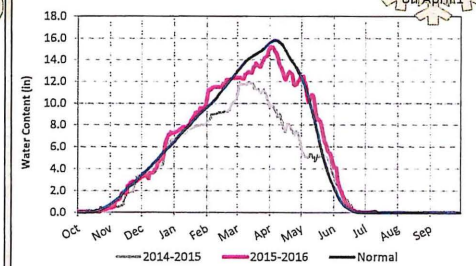
## Colorado River Resources

As of: 07/10/2016

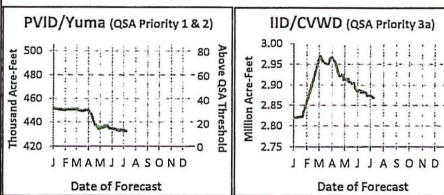
### Upper Colorado Basin Precip



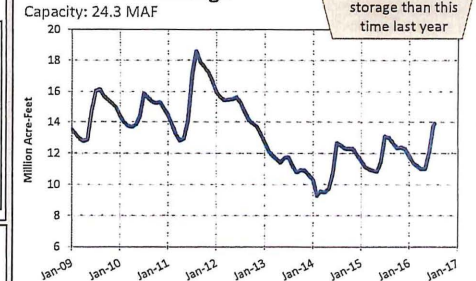
### Upper Colorado Basin Snowpack



### Colorado River Ag Use Forecast



### Lake Powell Storage

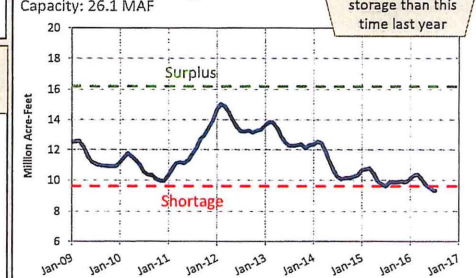


### Lake Mead Shortage/Surplus Outlook

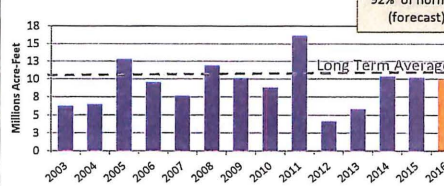
	2017	2018	2019	2020	2021
Shortage	10%	56%	64%	64%	61%
Surplus	0%	<1%	4%	8%	12%

Likelihood based on results from the April 2016 USBR MTOM/Colorado River Simulation System model run

### Lake Mead Storage



### Powell Unregulated Inflow





CALIFORNIA STRATEGIES, LLC

Date: June 30, 2016  
To: Inland Empire Utilities Agency  
From: John Withers, Jim Brulte  
Re: June Activity Report

---

Listed below is the California Strategies, LLC monthly activity report. Please feel free to call us if you have any questions or would like to receive any more information on any of the items mentioned below.

- Met with Executive Management Team to review priority issues and to discuss activities for June that Executive Staff wanted accomplished
- Discussed Ontario Plume/Title XVI Funding
- Reviewed Chino Basin Water Bank project concept
- Support and advise on IEUA/SBVMWD transfer transaction on an as needed basis.
- Reviewed Water Rates progress with member agencies and Regional Contract renewal.
- Continue to monitor statewide water issues including The Water Fix, water bond, and drought relief act activities. Made recommendation regarding the request for money from various state special funds.
- Monitor Santa Ana Regional Board agenda and issues of interest to IEUA.
- Respond to requests for information from IEUA Directors.

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# *Innovative Federal Strategies* LLC

Comprehensive Government Relations

## MEMORANDUM

**To:** Joe Grindstaff and Kathy Besser, IEUA

**From:** Letitia White, Jean Denton, and Drew Tatum

**Date:** June 30, 2016

**Re:** June Monthly Legislative Update

---

### *Appropriations Bills Continue to Hit Speed Bumps in the House and Senate*

With the passage of the Bipartisan Budget Act of 2015, lawmakers were confident they would be able to pass all twelve appropriations bills through regular order before the beginning of the fiscal year on October 1, 2017. The Bipartisan Budget Act set the topline numbers for defense and domestic spending for FY16 and FY17, which before enactment of the agreement were subject to sequestration. The legislation, a parting gift from former Speaker John Boehner (R-OH), relied heavily on support from Democrats making it a target of the conservative wing of the Republican Party.

An obscure provision included in the agreement allowed the Senate to move forward earlier this year on FY17 spending bills without passing a budget resolution. Due to the requirement that appropriations bills must originate in the House, the Senate was able to use the leftover FY16 spending bills to begin their work on the FY17 process. In the House, what was supposed to be an easy process was halted due to infighting over a budget resolution. Conservatives objected to the budget resolution that included the new topline numbers, instead hoping for \$30 billion in cuts to offset new spending. While House leaders worked throughout the spring to bring conservative Republicans on board, a budget resolution was ultimately scrapped when no agreement could be reached.

The lack of an agreement on a budget resolution did not stop either the House or Senate Appropriations Committees from beginning their work. Both Committees have steadily advanced the annual appropriations bills, with the Senate Appropriations Committee approving all twelve to date and the House approving all but two.

Under the 1974 Congressional Budget and Impoundment Control Act, appropriations bills cannot be brought to the floor until a budget resolution is in place or May 15—whichever is earlier—without procedural maneuvering. The Senate was able to bypass that provision due to the language included in the 2015 law, but the House had to wait until May 15 before proceeding.

Though the Appropriations Committees have remained committed to completing the appropriations bills, floor action has not come as easy. While the Senate's rules allow the



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leadership to block more controversial amendments from receiving a floor vote, the House had opted to use an open rule for consideration of its legislation since 2010. As in years past, appropriations legislation has been a target for controversial policy riders. This year, controversial amendments led to the defeat of the Energy and Water Appropriations Bill on the floor of the House and caused Republican leaders to rethink the process, leading to structured rules on appropriations bills. Thus far, using a structured rule in the House has shepherded the passage of the last two appropriations bills considered—including Legislative Branch and Defense. While lawmakers are continuing to chart a path forward on the Energy and Water legislation, they are moving forward with the passage of other appropriations measures.

Although the Senate has largely avoided controversy, it has not been immune. Earlier this month, Democrats staged a talking filibuster on the Commerce, Justice, Science Appropriations bill over the desire to add restrictive gun control amendments to the legislation. While Democrats and Republicans look to find a suitable compromise, the legislation has been pulled from the floor. Additionally, the MilCon-VA/Zika Appropriations conference report was also blocked in late June.

While House and Senate leaders have committed to devoting floor time to consideration of appropriations bills, they have already admitted that consideration of individual bills will spill into September. Since it takes time to resolve differences between the House and Senate passed bills, some form of a continuing resolution will likely be necessary to keep the government funded after September 30 through the November elections. With the Republican and Democratic Political Party Conventions, the traditional summer break, and another recess in October ahead of the elections, the legislative calendar for the remainder of the year is shrinking.

### ***SCOTUS Issues Unanimous Procedural Ruling on “Waters” Regulation***

The Supreme Court issues a unanimous ruling in *Hawkes Co. v. U.S. Army Corps of Engineers* on May 31, constraining the ability of the EPA and Army Corps to invoke the Clean Water Act and designate bodies of water on private and public lands as “waters of the United States.” The eight Supreme Court justices voted unanimously in favor of the plaintiffs, ruling that Hawkes, a company that harvests peat on land it owns in Minnesota, has the right to challenge the EPA and Army Corps’ WOTUS designation in federal courts under the Administrative Procedure Act.

The case was centered on the question of whether a non-binding jurisdictional determination – the EPA and/or Army Corps designating a body of water as WOTUS – was a “final agency action” that could be challenged in federal courts. While this decision does not affect the Clean Water Rule or scope of the Clean Water Act jurisdiction, it does check the EPA’s and Army Corps’ ability to invoke the CWA and designate water bodies as WOTUS, which strictly limits and exerts agency jurisdiction regarding landowners’ land and water use.

### ***Senate Energy Committee Punts Drought Legislation***

After a May 17 hearing in the Water Subcommittee of the Senate Energy and Natural Resources Committee, action on drought legislation has been light. While the Senate Energy and Natural Resources Committee was originally scheduled to hold a business meeting to markup legislation ahead of the July 4<sup>th</sup> recess, that meeting was cancelled when the Senate finished its work on the floor a day earlier than originally anticipated. While other committees kept their previously

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scheduled meetings, the Energy and Natural Resources Committee opted to postpone their meeting until after the holiday. We have been told that there are disagreements on what legislation the committee may choose to advance at the markup, which may be why consideration was delayed.

As you may recall, House Republicans have been adding their own drought provisions from the Valadao bill to legislation they believe will be conferenced with the Senate. One of the most recent cases includes the Senate's Energy Policy Modernization Act. When the House took up the legislation, it stripped the Senate language and copied in around three dozen of its own bills including drought legislation that have not been considered in the Senate. Once the legislation passed the House, Members voted to conference with the Senate. To date, the Senate has not agreed to go to conference on the legislation. Senators are worried about the final product that could emerge from a Conference Committee between the two chambers since the bills are completely different. In an effort to assuage concerns in the Senate, House Natural Resources Committee Chairman Rob Bishop (R-UT) has expressed a desire to conference a bipartisan package that can pass both the House and Senate.

### ***Chaos Over Gun Amendments Derail Plans in the House and Senate***

After a filibuster led by Senator Christopher Murphy (D-CT) and Senate Democrats, the Senate agreed to take four procedural votes on gun related amendments to the Commerce, Justice, Science Appropriations Bill. Amendments that received a vote early in the week included expanding background checks to online and gun show purchases, prohibiting gun purchased by those on government watch lists, and Republican alternatives that would have required the government to take action before denying the purchase of guns to those on watch lists. In each instance, there was a 60-vote threshold for the amendment to advance, but each fell short on a procedural vote.

Senators have been debating the best way to respond to recent shootings in Orlando and San Bernardino by strengthening background checks and preventing individuals on select government watch lists from purchasing weapons. However, major disagreements remain on how to balance the need for additional scrutiny on gun purchases with Constitutional rights. The Senate may have found a compromise in the form of an amendment offered by Senator Susan Collins (R-ME), but consideration of the FY17 CJS Appropriations Bill has been temporarily shelved while lawmakers look for a path forward.

After the Senate took votes on gun amendments, House Democrats demanded that the House also take votes prior to the July 4<sup>th</sup> recess. Since there is no mechanism for House Members to filibuster, Democrats took to the floor to stage a "sit in" on the House floor in an effort to disrupt floor action until they received a vote on gun legislation. On Wednesday June 22 after the morning prayer, the House recessed subject to the call of the Chair because order could not be established. Due to House Rules, the cameras in the chamber were cut off so Democrats took to social media to live stream their floor protest—an unprecedented action, as no recording devices are to be used on the House floor.

Due to the ability of the presiding officer to recess the House subject to the call of the chair, Republicans only brought the House into session for votes. After voting to pass a MilCon-

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VA/Zika funding conference report, the House left early for its July 4th recess. The House was originally scheduled to meet through the end of the week before leaving town, but they are now expected to return on July 5. It is unclear how or if the disagreements on addressing gun control legislation will impact the schedule in the weeks leading up to the party conventions and traditional summer break.

### ***Zika Supplemental Passes House, Blocked in the Senate***

A Conference Committee formed between the House and Senate to iron out differences in the funding bill for Military Construction and Veterans Affairs along with a supplemental appropriations package regarding the Zika issued a conference report on Wednesday, June 22 ahead of the House's scheduled recess. The Conference Committee was formed after the House and Senate advanced their own vastly different Zika proposals. Ultimately, the legislation was attached to the MilCon-VA Appropriations Bill.

The final legislation would provide \$1.1 billion in funding to fight the Zika virus and prevent it from spreading in the United States and around the world. The measure includes \$230 million for NIH, \$476 million for the CDC (including funding for response in individual states), \$85 million for BARDA R&D testing, and \$165 million for USAID Global Health Operations. The Conference Report contains \$750 million in offsets, including reprogramming unused funding from the Ebola crisis and the Affordable Care Act.

Objections from Democrats in the Senate have at least temporarily stalled progress on the legislation, which has already passed the House. In a procedural vote that required 60 votes, Senators did not vote to cut off debate on the legislation effectively filibustering the agreement. In addition to objections over raiding Affordable Care Act, Ebola, and HHS funding, Democrats objected to abortion and Clean Water Act provisions included in the legislation. In addition, President Obama has said he would veto the legislation if it came to his desk in its current form.

Lawmakers were attempting to meet a self-imposed July 4<sup>th</sup> deadline—a critical date in the eyes of the Centers for Disease Control. The CDC said that funding is necessary by that date in order to stop the spread of mosquitos that carry the virus and to continue the development of a vaccine. With no official negotiations ongoing, it is unclear if the House and Senate will be able to pass legislation ahead of their scheduled summer breaks.

### ***With Upcoming Deadline, FAA Extension Likely***

House Transportation and Infrastructure Committee Chairman Bill Shuster (R-PA) hoped to pass bold reforms to air traffic control operations as part of a reauthorization package for the Federal Aviation Administration. While Shuster was able to convince his Republican committee colleagues to report the legislation to the floor, it has not moved since February 11. Chairman Shuster's legislation would reauthorize the FAA through FY19, with some programs authorized through FY22.

In the intervening months, the Senate passed its own FAA reauthorization that would provide authorization through the end of FY17, which ends on September 30, 2017. The Senate bill does not include the controversial privatization of air traffic control operations. After passing through

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the Senate Commerce Committee, the Senate spent nearly a week considering amendments to the legislation before passing it with a bipartisan vote.

Recently, Senate Commerce Committee Chairman John Thune (R-SD) and Ranking Member Bill Nelson (D-FL) have urged the House to take up the bipartisan Senate legislation in order to avoid a last minute extension. Since the current short-term authorization expires on July 15, negotiations are under way for at least a year long extension of the current authorization with policy provisions impacting security at airports. Additionally, there is hope that the legislation can be used as a vehicle for other non-controversial policy riders that have been floated by House members and that were included in the original Senate authorization legislation.

The House was originally scheduled to release the new legislation on Friday, June 24 with the intention of bringing it to the floor in early July under a suspension of the rules. However, the release was delayed due to an early adjournment for the July 4<sup>th</sup> recess. With no legislative text in hand, it is unclear if the House would have the 2/3 majority needed to bring the bill up on a suspension vote. House Transportation and Infrastructure Committee Ranking Member Peter DeFazio has threatened to withhold support for the legislation because he said it will fail to tackle all but a few of the policy issues facing aviation. "We were negotiating over some minor but important policy changes that might get done, and not hang out there for the term of an extension," DeFazio said. Lawmakers in both the House and Senate are expected to continue negotiating during the recess with the hope of reintroducing legislation in early July that will be able to pass both chambers. The current short term extension expires on July 15.

### ***Outlook for July***

The House and Senate are both scheduled to return from a short July 4<sup>th</sup> recess during the first week of the month. Both the House and Senate are scheduled to recess for the Democratic and Republican Party Conventions by July 15. The RNC will meet in Cleveland, Ohio the week of the 18<sup>th</sup>, while the Democrats will meet in Philadelphia, Pennsylvania the week of the 25<sup>th</sup>. After the conventions, lawmakers will take their traditional summer break through Labor Day.

Possible items up for consideration during the month of July include a reauthorization of the Federal Aviation Administration (or a short term extension/must pass by 7/15), possible reconsideration of a supplemental Zika appropriations bill, and the continued consideration of the 12 annual appropriations bills.

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Date: July 20, 2016

To: The Honorable Board of Directors

Through: Public, Legislative Affairs and Water Resources Committee (7/13/16)

From: P. Joseph Grindstaff  
General Manager

Submitted by: Kathy Besser  
Manager of External Affairs

Subject: Public Outreach and Communication

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### **RECOMMENDATION**

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

### **BACKGROUND**

#### July

- July is Smart Irrigation Month
- July 16, Chino Community Garden Grand Opening, 9:00 am – 12:00 pm, 5976 Riverside Drive, Chino
- July 20, Employee Appreciation Picnic, 11:30 am, Butterfield Park-17671 Mystic Canyon Drive, Chino Hills

#### August

- August 12, San Bernardino County Water Conference, Ontario Convention Center-3400 Shelby Street, Ontario

#### Outreach/Education - Civic Publications Newspaper Campaign

- IEUA sent an email blast on June 15 with the subject line reading *This summer---Are you AWARE of your water use?* The email blast led viewers to the KickWaterWaste.com website. The email generated an open rate of 26.8% with the English speaking households and 28.3% with the Spanish speaking households. A total of 23,230 total new visitors went to the *Kick The Habit* landing page on KickWaterWaste.com.
- IEUA ran a spadea in the Daily Bulletin on June 12 highlighting *Kick the Habit This Summer...* messaging and tips.

### Media and Outreach

- Staff has developed summer messaging tips and re-vamped the *Kick the Habit* logo to include a summer brand for messaging during the summer months. The tips focus on the State Water Resources Control Board's permanent restrictions following the Governor's Executive Order.
- Staff is working with Civic Publications to update and re-design the KickWaterWaste.com micro-site.
- Staff has updated the *Kick the Habit* movie trailer and began outreach through local theaters (Ontario Palace, Ontario Mills, Victoria Gardens). The campaign began on June 17 and will run for 14 weeks beginning June 17.
- Staff developed ads to promote "No Drugs Down the Drain" and IEUA's Automatic Water Softener Rebate program. These ads ran in June in the *Daily Bulletin*, *Fontana Herald News* and *La Opinion* newspapers.
- A *Kick the Habit* ad ran in the *Champion Newspaper's* Healthy Living section on June 18.
- IEUA staff placed a ¼ page *Kick the Habit* ad in the *Fontana Herald News* for the month of June.
- *Kick the Habit* bus advertisements in English and Spanish began on October 5, 2015 for an initial six month run and will continue to run for another six months. The ads are updated to include the summer messaging tips.
- In June, 22 items were posted to Facebook and 21 tweets were sent under the @IEUAwater Twitter handle.

### Education and Outreach Updates

- The Water Discovery Program for school year 2015/2016 hosted 1,597 Girl Scout troop members, elementary, middle and high school students from July 1, 2015 through June 30, 2016. Staff has begun working on scheduling field trips for program year 2016/17. To date, staff has received four inquiries on scheduling field trips for the fall.
- Staff has begun scheduling outreach/program meetings with principals within the service area for school year 16/17.
- Staff has submitted to MWD the 2017 Solar Cup Interest to Participate form to sponsor three teams. Teams will need to be identified by Thursday, September 7, 2016.
- Staff is working in cooperation with Chino Basin Water Conservation District and member agency representatives to plan the Landscape Water Conservation Fair held annually in October. The Water Conservation Fair will be held Saturday, October 29, 2016.

### **PRIOR BOARD ACTION**

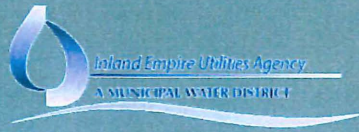
None.

### **IMPACT ON BUDGET**

The above-mentioned activities are budgeted in the FY 2016/17 Administrative Service Fund, External Affairs Services budget.

# IEUA WATER FORUM

JULY 2016



## Local Initiatives for Drought Response

- IEUA posted, as per State requirements, a water supply scenario for the next three years that shows there are adequate supplies from State, regional and local sources to meet projected demand during additional drought years. This information was posted on the IEUA website on June 15.
- IEUA is working with the Agricultural Pool to identify appropriate farm sites for water efficiency upgrades. Assisting the Ag community will help to maintain the Chino Basin groundwater to be more sustainable for all of the Basin users.
- NASA, State and university scientists expect “La Niña,” a cooling of the Pacific ocean waters (the opposite of El Niño) to be in effect by the end of summer. Typically, La Niña leads to dry winters in Southern California. Since 1950 there have been 20 recorded La Niña events, with 19 returning below-average rain in Southern California.

## WUE Programs Snapshot

- On June 15, 2016, IEUA’s Board of Directors adopted the Agency’s final 2015 Urban Water Management Plan. Staff filed the Plan with the Department of Water Resources on June 29, 2016 and the California State Library on July 1, 2016, meeting the Urban Water Management Planning Act’s statutory requirements. The Plan was also released to all stakeholders on June 27, 2016.
- MWD Turf Removal Rebate Program: MWD’s vendor began notifying “wait listed” customers at the end of June that their applications are in the process of being reviewed and processed for approval to move forward. IEUA Staff called all service area applicants to ensure they were aware that emails were forthcoming.
- During the month of June, there were 20 sites completed through the Home Pressure Regulation Program. There were 10 pressure regulating valves replaced and 10 sites evaluated with a potential water savings of 12 acre-feet per year.

## SARCCUP

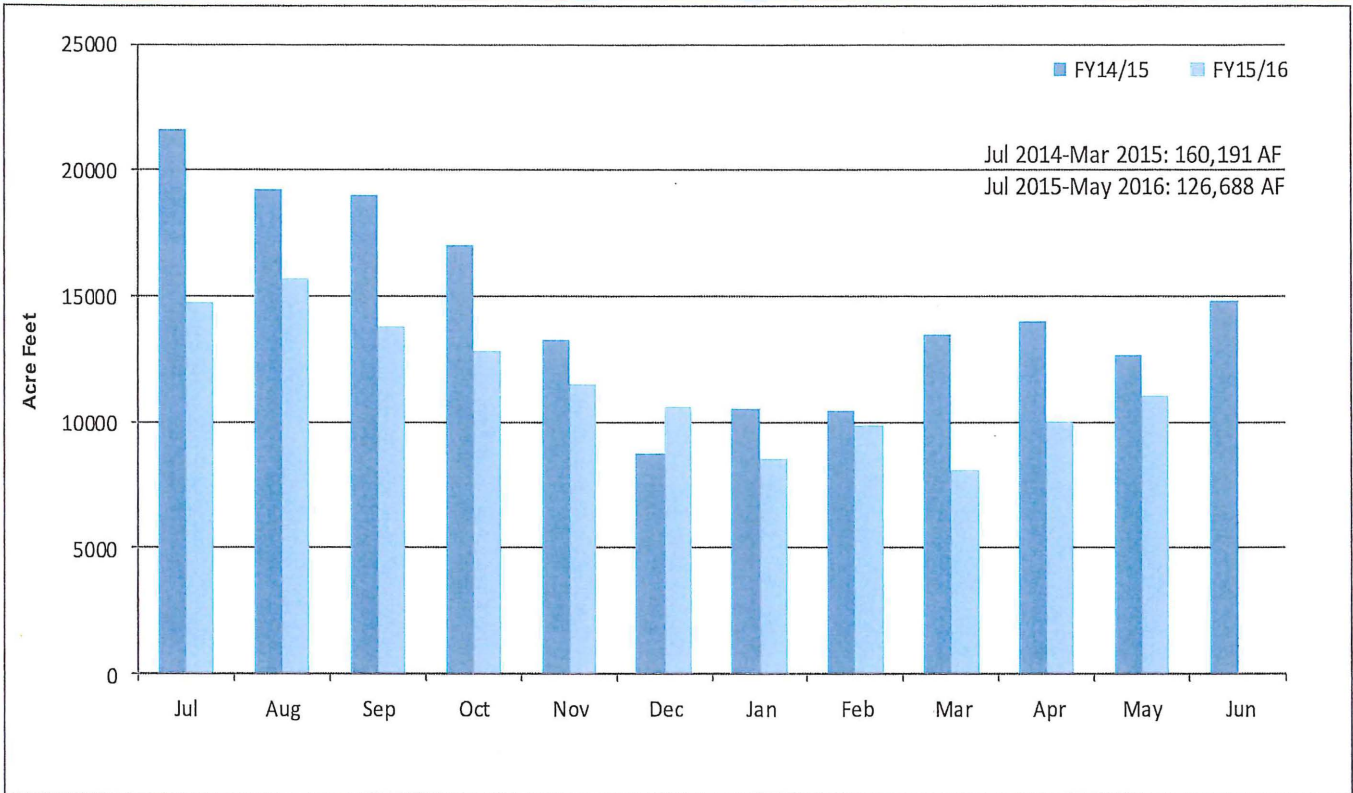
- The Santa Ana River Conservation & Conjunctive Use Program (SARCCUP) is being implemented by the five member agencies of SAWPA with \$55 million in grant funding from California Department of Water Resources’ (DWR). Total cost for SARCCUP is \$100 million with SAWPA member agencies each adding \$9 million in matching funds. The DWR grant contract should be finalized with SAWPA this month. Subagreements to member agencies will follow thereafter. SARCCUP will be governed by a committee formed under Project Agreement 23. CEQA evaluation for the program will begin this month and will culminate in a programmatic EIR.

## Water Resources Planning Activities

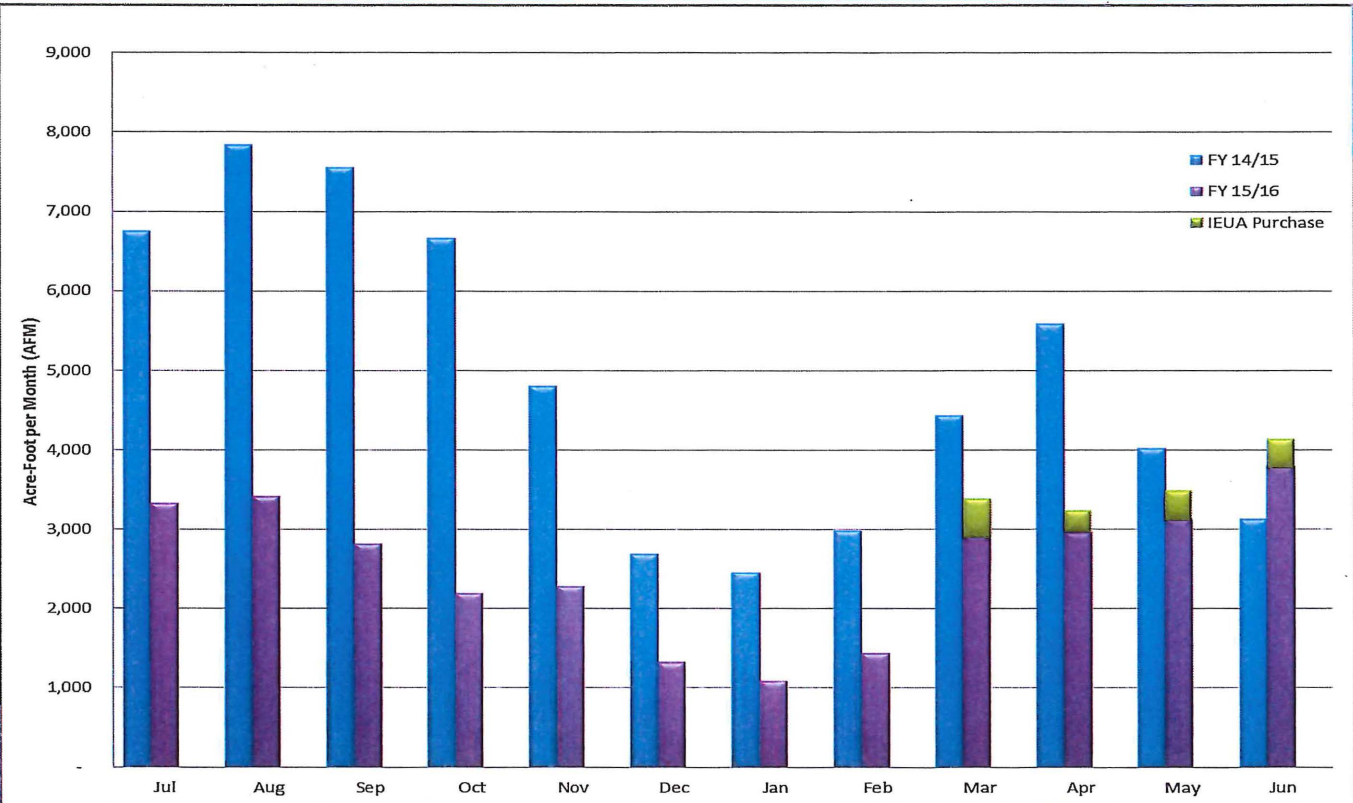
- Integrated Resources Plan: The 2015 IRP Phase 1 report has been finalized and is available on the IEUA website. Conceptual projects identified through the Phase 1 IRP will be incorporated into the IEUA Regional Programmatic Environmental Impact Report to ensure that projects are grant eligible. Phase 2 of the IRP, which will address additional detailed project level analysis, including project scopes, costs, prioritization and implementation scheduling will begin in July.



## Regional Water Use



## MWD Water Use



# CHINO BASIN WATERMASTER

## IV. INFORMATION

1. Cash Disbursements for June 2016

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**June 2016**

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	06/01/2016	ACH 0601201	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	05/21/2016	05/21/2016	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 05/08/16-05/21/16	2000 · Accounts Payable	5,343.90
TOTAL						<u>5,343.90</u>
General Journal	06/04/2016	06/04/2016	Payroll and Taxes for 05/22/16-06/04/16	Payroll and Taxes for 05/22/16-06/04/16	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 05/22/16-06/04/16	1012 · Bank of America Gen'l Ckg	19,648.08
				Payroll Taxes for 05/22/16-06/04/16	1012 · Bank of America Gen'l Ckg	14,436.65
				Payroll Checks for 05/22/16-06/04/16	1012 · Bank of America Gen'l Ckg	16,999.03
			ICMA-RC	457(b) Employee Deductions for 05/22/16-06/04/16	1012 · Bank of America Gen'l Ckg	3,639.27
			ICMA-RC	401(a) Employee Deductions for 05/22/16-06/04/16	1012 · Bank of America Gen'l Ckg	945.28
TOTAL						<u>55,668.31</u>
Bill Pmt -Check	06/07/2016	19430	APPLIED COMPUTER TECHNOLOGIES	2683	1012 · Bank of America Gen'l Ckg	
Bill	05/30/2016	2683		Database Consulting - May 2016	6052.2 · Applied Computer Technol	4,069.00
TOTAL						<u>4,069.00</u>
Bill Pmt -Check	06/07/2016	19431	BOWCOCK, ROBERT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/15/2016	4/15 Mtg w/PK		4/15/16 Meeting w/PK	6311 · Board Member Compensation	125.00
Bill	05/19/2016	5/19 RIPCom Mtg		5/19/16 RIPCom Meeting	6311 · Board Member Compensation	125.00
Bill	05/26/2016	5/26 Board Mtg		5/26/16 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						<u>375.00</u>
Bill Pmt -Check	06/07/2016	19432	BOWMAN, JIM	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	05/26/2016	5/26 Board Mtg		5/26/16 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						<u>125.00</u>
Bill Pmt -Check	06/07/2016	19433	CHEF DAVE'S CAFE & CATERING	6114	1012 · Bank of America Gen'l Ckg	
Bill	05/26/2016	6114		Lunch for 5/26/16 Watermaster Board meeting	6312 · Meeting Expenses	536.00
TOTAL						<u>536.00</u>
Bill Pmt -Check	06/07/2016	19434	CURATALO, JAMES	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	05/24/2016	5/24 Admin Mtg		5/24/16 Administrative Meeting	6311 · Board Member Compensation	125.00
Bill	05/26/2016	5/26 Board Mtg		5/26/16 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						<u>250.00</u>
Bill Pmt -Check	06/07/2016	19435	DE BOOM, NATHAN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	05/12/2016	5/12 Ag Pool Mtg		Ag Pool Member Compensation	8411 · Compensation	25.00
				5/12/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						<u>125.00</u>

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**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**June 2016**

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	06/07/2016	19436	ELIE, STEVEN	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	05/24/2016	5/24 Brd Agenda Mtg		5/24/16 Chair/Vice Chair Board Agenda Meeting	6311 · Board Member Compensation	125.00
Bill	05/26/2016	5/26 Board Mtg		5/26/16 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						<u>250.00</u>
Bill Pmt -Check	06/07/2016	19437	EUROFINS EATON ANALYTICAL		1012 · Bank of America Gen'l Ckg	
Bill	05/02/2016	L0262468		L0262468	7108.4 · Hydraulic Control-Lab Svcs	1,592.00
Bill	05/02/2016	L0261229		L02621229	7108.4 · Hydraulic Control-Lab Svcs	440.00
TOTAL						<u>2,032.00</u>
Bill Pmt -Check	06/07/2016	19438	FEENSTRA, BOB	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	05/12/2016	5/12 Ag Pool Mtg		5/12/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	05/26/2016	5/26 Board Mtg		5/26/16 Board meeting	8470 · Ag Meeting Attend -Special	125.00
TOTAL						<u>250.00</u>
Bill Pmt -Check	06/07/2016	19439	GRAINGER		1012 · Bank of America Gen'l Ckg	
Bill	05/19/2016	9116771909		Supplies for equipment repair	7104.6 · Grdwtr Level-Supplies	25.10
Bill	05/19/2016	9116771891		Supplies for equipment repair	7104.6 · Grdwtr Level-Supplies	73.98
TOTAL						<u>99.08</u>
Bill Pmt -Check	06/07/2016	19440	GREAT AMERICA LEASING CORP.	18758586	1012 · Bank of America Gen'l Ckg	
Bill	05/16/2016	18758586		Monthly lease invoice	6043.1 · Ricoh Lease Fee	3,285.30
TOTAL						<u>3,285.30</u>
Bill Pmt -Check	06/07/2016	19441	HUITSING, JOHN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	05/12/2016	5/12 Ag Pool Mtg		Ag Pool Member Compensation	8411 · Compensation	25.00
				5/12/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						<u>125.00</u>
Bill Pmt -Check	06/07/2016	19442	LEVEL 3 COMMUNICATIONS	44060579	1012 · Bank of America Gen'l Ckg	
Bill	05/17/2016	44060579		5/17/16-6/16/16	6053 · Internet Expense	1,087.54
TOTAL						<u>1,087.54</u>
Bill Pmt -Check	06/07/2016	19443	MIJAC ALARM	388810	1012 · Bank of America Gen'l Ckg	
Bill	06/01/2016	388810		Fire monitoring 6/01/16-8/31/16	6026 · Security Services	411.00
				Opening and closing reports 6/01/16-8/31/16	6026 · Security Services	54.00
				Annex-opening & closing reports 6/01/16-8/31/16	6026 · Security Services	45.00
				Commercial monitoring 6/01/16-8/31/16	6026 · Security Services	147.00
TOTAL						<u>657.00</u>

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**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**June 2016**

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 Pmt -Check	06/07/2016	19444	PIERSON, JEFFREY	Ag Pool Member Compensation	1012 · Bank of America Gen'I Ckg	
Bill	05/12/2016	5/12 Ag Pool Mtg		5/12/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	05/19/2016	5/19 RIPCom Mtg		5/19/16 RIPCom Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	05/19/2016	5/19 Advisory Comm		5/19/16 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	05/26/2016	5/26 Board Mtg		5/26/16 Board Meeting	8470 · Ag Meeting Attend -Special	125.00
TOTAL						<u>500.00</u>
Bill Pmt -Check	06/07/2016	19445	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'I Ckg	
Bill	06/06/2016	1394905143		Unfunded Accrued Liability as of the June 30, 2013	60180 · Employers PERS Expense	3,077.00
TOTAL						<u>3,077.00</u>
Bill Pmt -Check	06/07/2016	19446	RAUCH COMMUNICATION CONSULTANTS, LLC	May-1606	1012 · Bank of America Gen'I Ckg	
Bill	05/31/2016	May-1606		Progress billing for work thru April 30, 2016	6061.3 · Rauch	8,516.25
TOTAL						<u>8,516.25</u>
Bill Pmt -Check	06/07/2016	19447	READY REFRESH BY NESTLE	0023230253	1012 · Bank of America Gen'I Ckg	
Bill	05/31/2016	0023230253		Office Water Bottle - May 2016	6031.7 · Other Office Supplies	102.43
TOTAL						<u>102.43</u>
Bill Pmt -Check	06/07/2016	19448	RR FRANCHISING, INC.	22971	1012 · Bank of America Gen'I Ckg	
Bill	06/01/2016	22971		Monthly service charge for June 2016	6024 · Building Repair & Maintenance	740.00
TOTAL						<u>740.00</u>
Bill Pmt -Check	06/07/2016	19449	STAPLES BUSINESS ADVANTAGE	8039305428	1012 · Bank of America Gen'I Ckg	
Bill	05/16/2016	8039305428		Miscellaneous office supplies	6031.7 · Other Office Supplies	56.48
				Toner	6031.7 · Other Office Supplies	244.98
TOTAL						<u>301.46</u>
Bill Pmt -Check	06/07/2016	19450	STATE COMPENSATION INSURANCE FUND	1970970-15	1012 · Bank of America Gen'I Ckg	
Bill	05/26/2016	1970970-15		1970970-15	60183 · Worker's Comp Insurance	961.58
TOTAL						<u>961.58</u>
Bill Pmt -Check	06/07/2016	19451	THOMAS, THOMAS R.	Board Member Compensation	1012 · Bank of America Gen'I Ckg	
Bill	05/26/2016	5/26 Board Mtg		5/26/16 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						<u>125.00</u>
Bill Pmt -Check	06/07/2016	19452	UNION 76	7076-2245-3035-5049	1012 · Bank of America Gen'I Ckg	
Bill	05/31/2016	7076224530355049		May 2016	6175 · Vehicle Fuel	58.03
TOTAL						<u>58.03</u>

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
June 2016

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	06/07/2016	19453	UNITED HEALTHCARE	0040596724	1012 · Bank of America Gen'l Ckg	
Bill	05/24/2016	0040596724		Dental Insurance Premium - June 2016	60182.2 · Dental & Vision Ins	572.39
TOTAL						<u>572.39</u>
Bill Pmt -Check	06/07/2016	19454	VANDEN HEUVEL, GEOFFREY	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	05/26/2016	5/26 Board Mtg		5/26/16 Board meeting	6311 · Board Member Compensation	125.00
TOTAL						<u>125.00</u>
Bill Pmt -Check	06/07/2016	19455	VANDEN HEUVEL, ROB	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	05/12/2016	5/12 Ag Pool Mtg		Ag Pool Member Compensation	8411 · Compensation	25.00
				5/12/16 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						<u>125.00</u>
Bill Pmt -Check	06/07/2016	19456	VERIZON WIRELESS	9765345377	1012 · Bank of America Gen'l Ckg	
Bill	05/12/2016	9765345377		9765345377	7103.7 · Grdwtr Qual-Computer Svc	100.04
TOTAL						<u>100.04</u>
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Bill Pmt -Check	06/07/2016	19457	VISION SERVICE PLAN	00-101789-0001	1012 · Bank of America Gen'l Ckg	
Bill	05/18/2016	001017890001		Vision Insurance Premium - June 2016	60182.2 · Dental & Vision Ins	73.46
TOTAL						<u>73.46</u>
Bill Pmt -Check	06/07/2016	19458	WEST POINT MEDICALCENTER	GRE133135	1012 · Bank of America Gen'l Ckg	
Bill	05/25/2016	GRE133135		GRE133135	6016 · New Employee Search Costs	110.00
TOTAL						<u>110.00</u>
Bill Pmt -Check	06/07/2016	19459	WESTERN MUNICIPAL WATER DISTRICT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	05/26/2016	5/26 Board Mtg		5/26/16 Board Meeting - Don Galleano attendance	6311 · Board Member Compensation	125.00
TOTAL						<u>125.00</u>
Bill Pmt -Check	06/07/2016	19460	YSI INCORPORATED	646706	1012 · Bank of America Gen'l Ckg	
Bill	05/27/2016	646706		Conductivity calibrator solution for water quality	7103.6 · Grdwtr Qual-Supplies	170.19
TOTAL						<u>170.19</u>
Bill Pmt -Check	06/07/2016	19461	YUKON DISPOSAL SERVICE	08-K2 213849	1012 · Bank of America Gen'l Ckg	
Bill	06/01/2016	08-k2 213849		Disposal Service - June 2016	6024 · Building Repair & Maintenance	111.57
TOTAL						<u>111.57</u>
Bill Pmt -Check	06/09/2016	ACH 0609201	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	06/04/2016	06/04/2016	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 05/22/16-06/04/16	2000 · Accounts Payable	5,556.41

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
June 2016

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAL						5,556.41
Bill Pmt -Check	06/15/2016	19462	ACWA JOINT POWERS INSURANCE AUTHORITY	0419244	1012 · Bank of America Gen'l Ckg	
Bill	06/02/2016	0419244		Prepayment - July 2016 June 2016	1409 · Prepaid Life, BAD&D & LTD 60191 · Life & Disab.Ins Benefits	137.43 131.97
TOTAL						269.40
Bill Pmt -Check	06/15/2016	19463	CHARTER COMMUNICATIONS	8245100651455350	1012 · Bank of America Gen'l Ckg	
Bill	06/06/2016	8245100651455350		6/06/16-7/05/16	6053 · Internet Expense	64.99
TOTAL						64.99
Bill Pmt -Check	06/15/2016	19464	CORELOGIC INFORMATION SOLUTIONS	81699622	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2016	81699622		81699622 81699622	7103.7 · Grdwtr Qual-Computer Svc 7101.4 · Prod Monitor-Computer	62.50 62.50
TOTAL						125.00
Bill Pmt -Check	06/15/2016	19465	EGOSCUE LAW GROUP	11284	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2016	11284		Ag Pool Legal Services - May 2016	8467 · Ag Legal & Technical Services	11,175.00
TOTAL						11,175.00
Bill Pmt -Check	06/15/2016	19466	FRONTIER COMMUNICATIONS	909-484-3890-050914-5	1012 · Bank of America Gen'l Ckg	
Bill	06/14/2016	90948438900509145		909-484-3890-050914-5	6022 · Telephone	136.63
TOTAL						136.63
Bill Pmt -Check	06/15/2016	19467	GRAINGER	9122545859	1012 · Bank of America Gen'l Ckg	
Bill	05/27/2016	9122545859		Chemical buffer solution for water quality	7103.6 · Grdwtr Qual-Supplies	366.91
TOTAL						366.91
Bill Pmt -Check	06/15/2016	19468	HOGAN LOVELLS	2988350	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2016	2988350		Non-Ag Pool Legal Services - April 2016	8567 · Non-Ag Legal Service	3,748.50
TOTAL						3,748.50
Bill Pmt -Check	06/15/2016	19469	INLAND EMPIRE UTILITIES AGENCY	1800002794	1012 · Bank of America Gen'l Ckg	
Bill	06/14/2016	1800002794		Communication Upgrades project invoice #2	7690.62 · SCADA Comm. Upgrades (TO #3)	164,980.61
TOTAL						164,980.61
Bill Pmt -Check	06/15/2016	19470	KUHN, BOB	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	05/02/2016	5/02 JPIA Conference		5/02/16 JPIA Spring Conference	6311 · Board Member Compensation	125.00
Bill	05/19/2016	5/19 Advisory Comm		5/19/16 Advisory Committee Meeting	6311 · Board Member Compensation	125.00
Bill	05/24/2016	5/24 Admin Mtg		5/24/16 Administrative Meeting	6311 · Board Member Compensation	125.00

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**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**June 2016**

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	05/26/2016	5/26 Board Mtg		5/26/16 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						500.00
Bill Pmt -Check	06/15/2016	19471	MIJAC ALARM	389947	1012 · Bank of America Gen'l Ckg	
Bill	06/09/2016	389947		Repair - alarm system fixed	6026 · Security Services	95.00
TOTAL						95.00
Bill Pmt -Check	06/15/2016	19472	MINDSHIFT	0220193	1012 · Bank of America Gen'l Ckg	
Bill	06/09/2016	0220193		IT Managed Services	6052.4 · mindSHIFT Technologies, Inc.	3,770.00
TOTAL						3,770.00
Bill Pmt -Check	06/15/2016	19473	PAYCHEX	2016052600	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2016	2016052600		May 2016	6012 · Payroll Services	376.14
TOTAL						376.14
Bill Pmt -Check	06/15/2016	19474	PETTY CASH	2574-2591	1012 · Bank of America Gen'l Ckg	
Bill	06/13/2016	2574-2591		Purchase miscellaneous office supplies	6031.7 · Other Office Supplies	134.33
				Travel reimbursement for CalPERS Hearing	6073 · BHFS Legal - Personnel Matters	58.91
				Purchase supplies for Administrative meetings	6141.3 · Admin Meetings	163.78
				Proctor fee for A. Truong exam	6192 · Seminars - General	14.94
				Purchase supplies for water quality monitoring	7101.1 · Prod Monitor-WM Staff	55.26
				Parking for J. Nakano to attend RWQCB mtg	6909.1 · OBMP Meetings	2.99
				Purchase supplies for water level monitoring	7104.6 · Grdwtr Level-Supplies	3.81
TOTAL						434.02
Bill Pmt -Check	06/15/2016	19475	PREMIERE GLOBAL SERVICES	21234825	1012 · Bank of America Gen'l Ckg	
Bill	05/26/2016	21234825		Budget discussion call on 5/054	6909.1 · OBMP Meetings	36.00
				Call on 5/06	6909.1 · OBMP Meetings	43.39
				Pool mtgs check call on 5/11	8512 · Meeting Expense	9.63
				Pool mtgs check call on 5/11	8312 · Meeting Expenses	9.64
				Pool mtgs check call on 5/11	8412 · Meeting Expenses	9.64
				Non-Ag Pool meeting call on 5/12	8512 · Meeting Expense	22.56
				WM coordination call on 5/16	6909.1 · OBMP Meetings	6.13
				Confidential Appropriative Pool call on 5/19	8312 · Meeting Expenses	29.54
				Board agenda call on 5/24	6312 · Meeting Expenses	6.12
				Fee - Confidential	6022 · Telephone	49.00
				Fee - General	6022 · Telephone	49.00
				Fee - Service	6022 · Telephone	6.06
TOTAL						276.71

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**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
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For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	06/15/2016	19476	PURCHASE POWER	8000909000168851	1012 · Bank of America Gen'l Ckg	
Bill	06/06/2016	8000909000168851		Postage refill	6042 · Postage - General	3,025.00
TOTAL						3,025.00
Bill Pmt -Check	06/15/2016	19477	SANTA ANA WATERSHED PROJECT AUTHORIT 9244		1012 · Bank of America Gen'l Ckg	
Bill	06/09/2016	9244		FY 2016-17 Middle Santa Ana River TMDL TForce	8471 · Ag Pool Expense	9,059.00
TOTAL						9,059.00
Bill Pmt -Check	06/15/2016	19478	STANDARD INSURANCE CO.	Policy # 00-649299-0009	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2016	006492990009		Policy # 00-649299-0009	60191 · Life & Disab.Ins Benefits	596.00
TOTAL						596.00
Bill Pmt -Check	06/15/2016	19479	UNITED PARCEL SERVICE	2x81x0	1012 · Bank of America Gen'l Ckg	
Bill	05/26/2016	2x81x0		Package to D. Maurizio	6042 · Postage - General	35.84
TOTAL						35.84
Bill Pmt -Check	06/15/2016	19480	VERIZON WIRELESS	9766511303	1012 · Bank of America Gen'l Ckg	
Bill	06/13/2016	9766511303		9766511303	6022 · Telephone	213.01
TOTAL						213.01
Bill Pmt -Check	06/15/2016	19481	INLAND EMPIRE UTILITIES AGENCY	1800002796	1012 · Bank of America Gen'l Ckg	
Bill	06/14/2016	1800002796		GWR SCADA System Upgrade Project invoice #2	7690.61 · GWR SCADA Upgrades (TO #4)	38,407.15
TOTAL						38,407.15
General Journal	06/18/2016	06/18/2016	Payroll and Taxes for 06/05/16-06/18/16	Payroll and Taxes for 06/05/16-06/18/16	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 06/05/16-06/18/16	1012 · Bank of America Gen'l Ckg	25,341.75
				Payroll Taxes for 06/05/16-06/18/16	1012 · Bank of America Gen'l Ckg	10,335.38
				Payroll Checks for 06/05/16-06/18/16	1012 · Bank of America Gen'l Ckg	4,436.74
			ICMA-RC	457(b) Employee Deductions for 06/05/16-06/18/16	1012 · Bank of America Gen'l Ckg	3,639.27
			ICMA-RC	401(a) Employee Deductions for 06/05/16-06/18/16	1012 · Bank of America Gen'l Ckg	1,013.06
TOTAL						44,766.20
Bill Pmt -Check	06/20/2016	19482	BROWNSTEIN HYATT FARBER SCHRECK		1012 · Bank of America Gen'l Ckg	
Bill	04/30/2016	640149		640149	6078 · BHFS Legal - Miscellaneous	5,694.75
				Expenses	8375 · BHFS Legal - Appropriative Pool	11.77
				Expenses	8475 · BHFS Legal - Agricultural Pool	11.77
				Expenses	8575 · BHFS Legal - Non-Ag Pool	11.77
				Expenses	6078 · BHFS Legal - Miscellaneous	70.62
Bill	04/30/2016	640148		CalPERS-Alvarez	6073 · BHFS Legal - Personnel Matters	43,943.40
				Expenses	6073 · BHFS Legal - Personnel Matters	1,083.39

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**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**June 2016**

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
				Expenses	6073 · BHFS Legal - Personnel Matters	228.79
				Personnel-Variou	6073 · BHFS Legal - Personnel Matters	26,678.25
Bill	04/30/2016	640147		640147	6907.34 · Santa Ana River Water Rights	2,079.00
Bill	04/30/2016	640146		640146	6275 · BHFS Legal - Advisory Committee	114.75
Bill	04/30/2016	640145		640145	8375 · BHFS Legal - Appropriative Pool	994.50
Bill	04/30/2016	640144		640144	8475 · BHFS Legal - Agricultural Pool	994.50
Bill	04/30/2016	640142		640142	6071 · BHFS Legal - Court Coordination	7,321.05
Bill	04/30/2016	640143		640143	8575 · BHFS Legal - Non-Ag Pool	994.50
Bill	04/30/2016	640141		640141	6907.39 · Recharge Master Plan	4,201.38
Bill	04/30/2016	640140		640140	6907.41 · Prado Basin Habitat Sustain	1,212.30
Bill	04/30/2016	640139		640139	6907.42 · Safe Yield Recalculation	26,187.75
Bill	04/30/2016	640138		640138	6907.44 · SGMA Compliance	3,046.95
TOTAL						124,881.19
Bill Pmt -Check	06/20/2016	19483	WILDERMUTH ENVIRONMENTAL INC		1012 · Bank of America Gen'l Ckg	
Bill	05/31/2016	2016168		2016168	6906.31 · OBMP-Pool, Adv. Board Mtgs	6,041.46
Bill	05/31/2016	2016169		2016169	6906.32 · OBMP-Other General Meetings	215.00
Bill	05/31/2016	2016170		2016170	6906.74 · OBMP-Mat'l Phy. Injury Requests	1,336.25
Bill	05/31/2016	2016171		2016171	6910.11 · WEI Support-Grant Funding-RMPU	16,320.75
Bill	05/31/2016	2016172		2016172	6906.71 · OBMP-Data Req.-CBWM Staff	16,122.41
Bill	05/31/2016	2016173		2016173	6906.72 · OBMP-Data Req.-Non CBWM Staff	1,738.17
Bill	05/31/2016	2016174		2016174	6906 · OBMP Engineering Services	2,416.25
Bill	05/31/2016	2016175		2016175	6906.1 · OBMP-Watermaster Model Update	17,044.00
Bill	05/31/2016	2016176		2016176	7103.3 · Grdwtr Qual-Engineering	1,860.00
Bill	05/31/2016	2016177		2016177	7104.3 · Grdwtr Level-Engineering	13,274.47
Bill	05/31/2016	2016178		2016178	7107.2 · Grd Level-Engineering	967.48
				Parsons Brinckerhoff, Inc.	7107.6 · Grd Level-Contract Svcs	10,400.33
				Zumasys	7107.6 · Grd Level-Contract Svcs	289.00
Bill	05/31/2016	2016179		2016179	7108.3 · Hydraulic Control-Engineering	387.50
Bill	05/31/2016	2016180		2016180	7108.32 · HCMP - Adaptive Mgmt Plan	3,408.75
Bill	05/31/2016	2016181		2016181	7108.31 · Hydraulic Control - PBHSP	8,526.25
Bill	05/31/2016	2016182		2016182	7109.3 · Recharge & Well - Engineering	1,111.50
Bill	05/31/2016	2016183		2016183	7202.2 · Engineering Svc	3,195.71
Bill	05/31/2016	2016184		2016184	7402 · PE4-Engineering	14,748.75
Bill	05/31/2016	2016185		2016185	7402.10 · PE4 - Northwest MZ1 Area Proj.	19,268.61
Bill	05/31/2016	2016186		2016186	6910.13 · IEUA-San Sevaine Imp. Proj.	3,586.25
TOTAL						142,258.89
Bill Pmt -Check	06/22/2016	19484	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2016	XXXX-XXXX-XXXX-9341		Purchase software for A. Truong computer	6054 · Computer Software	55.99

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**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
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For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
				Overnight check	6022 · Telephone	22.84
				Purchase printer for IT use	6055 · Computer Hardware	63.62
				Return fee for sign holders	6031.7 · Other Office Supplies	26.74
				Purchase USB printer cord for printer	6031.7 · Other Office Supplies	26.50
				Hotel-PK to attend 2016 ACWA Spring Conference	6191 · Conferences - General	813.61
				Lunch for 5/12 pre-Ag Pool meeting	8412 · Meeting Expenses	57.92
				PK meeting w/FWC - J. Swift, C. Feely	8312 · Meeting Expenses	63.38
				Purchase sign holders (returned for above credit)	6031.7 · Other Office Supplies	44.25
				Lunch for 5/19/16 Administrative meeting	6141.3 · Admin Meetings	228.02
				Purchase correct sign holders	6031.7 · Other Office Supplies	43.07
				Early bird checkin-flight-PK-CA Water Law Conf.	6191 · Conferences - General	29.46
				Flight-PK-CA Water Law & Policy Conference	6191 · Conferences - General	223.40
				Flowers for Koopman funeral from Watermaster	6141.1 · Meeting Supplies	111.34
				Flowers for Koopman funeral-on behalf of Ag Pool	8412 · Meeting Expenses	114.51
TOTAL						<u>1,924.65</u>
Bill Pmt -Check	06/22/2016	19485	CALPERS	1394905143	1012 · Bank of America Gen'l Ckg	
Bill	06/15/2016	1394905143		1394905143	60182.1 · Medical Insurance	8,017.14
TOTAL						<u>8,017.14</u>
Bill Pmt -Check	06/22/2016	19486	CUCAMONGA VALLEY WATER DISTRICT	Lease due July 1, 2016	1012 · Bank of America Gen'l Ckg	
Bill	06/15/2016			Lease due July 1, 2016	1422 · Prepaid Rent	6,371.16
TOTAL						<u>6,371.16</u>
Bill Pmt -Check	06/22/2016	19487	GREAT AMERICA LEASING CORP.	18917213	1012 · Bank of America Gen'l Ckg	
Bill	06/20/2016	18917213		Invoice	6043.1 · Ricoh Lease Fee	3,640.11
TOTAL						<u>3,640.11</u>
Bill Pmt -Check	06/22/2016	19488	JOHN J. SCHATZ	Legal Services	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2016			Approp. Pool Legal Services - Jul. 2015-May 2016	8367 · Legal Service	55,286.00
TOTAL						<u>55,286.00</u>
Bill Pmt -Check	06/22/2016	19489	LEGAL SHIELD	0111802	1012 · Bank of America Gen'l Ckg	
Bill	06/20/2016	0111802		Employee deductions - June 2016	60194 · Other Employee Insurance	79.70
TOTAL						<u>79.70</u>
Bill Pmt -Check	06/22/2016	19490	STANDARD INSURANCE CO.	Policy # 00-649299-0009	1012 · Bank of America Gen'l Ckg	
Bill	06/20/2016	006492990009		Policy # 00-649299-0009	60191 · Life & Disab.Ins Benefits	623.81
TOTAL						<u>623.81</u>

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
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For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	06/22/2016	19491	STAULA, MARY L	Retiree Medical	1012 · Bank of America Gen'l Ckg	
Bill	06/30/2016				60182.4 · Retiree Medical	23.62
TOTAL						23.62
Bill Pmt -Check	06/22/2016	19492	VERIZON WIRELESS	97669879754	1012 · Bank of America Gen'l Ckg	
Bill	06/20/2016	9766989754		97669879754	7103.7 · Grdwtr Qual-Computer Svc	100.06
TOTAL						100.06
Bill Pmt -Check	06/22/2016	19493	INLAND EMPIRE UTILITIES AGENCY	1800002797	1012 · Bank of America Gen'l Ckg	
Bill	06/16/2016	1800002797		Upper Santa Ana River Habitat Conservation - #1	7690.7 · Upper SantaAnaRiver HCP (TO #7)	24,389.12
TOTAL						24,389.12
Bill Pmt -Check	06/22/2016	19494	INLAND EMPIRE UTILITIES AGENCY	1800002795	1012 · Bank of America Gen'l Ckg	
Bill	06/16/2016	1800002795		CB-20 Noise Mitigation Project - invoice #2	7690.5 · CB20 Turnout Noise Abatement	46,586.06
TOTAL						46,586.06
Bill Pmt -Check	06/22/2016	ACH 062216	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	06/18/2016	06/18/2016	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 06/05/16-06/18/16	2000 · Accounts Payable	5,556.41
TOTAL						5,556.41
Bill Pmt -Check	06/23/2016	19495	AUTO CLUB SPEEDWAY	Exhibit G Water	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2016	Exhibit G Water		Exhibit G Water Payment to Seller	5107 · Exhibit "G" Non-Ag Pool Water	508,000.00
TOTAL						508,000.00
Bill Pmt -Check	06/23/2016	19496	CSI	Exhibit G Water	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2016			Exhibit G Water Payment to Seller	5107 · Exhibit "G" Non-Ag Pool Water	1,270,000.00
TOTAL						1,270,000.00
Bill Pmt -Check	06/23/2016	19497	NRG CALIFORNIA SOUTH LLP	Exhibit G Water	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2016	Exhibit G Water		Exhibit G Water Payment to Seller	5107 · Exhibit "G" Non-Ag Pool Water	762,000.00
TOTAL						762,000.00
					<b>Total Disbursements:</b>	<b>3,337,887.97</b>

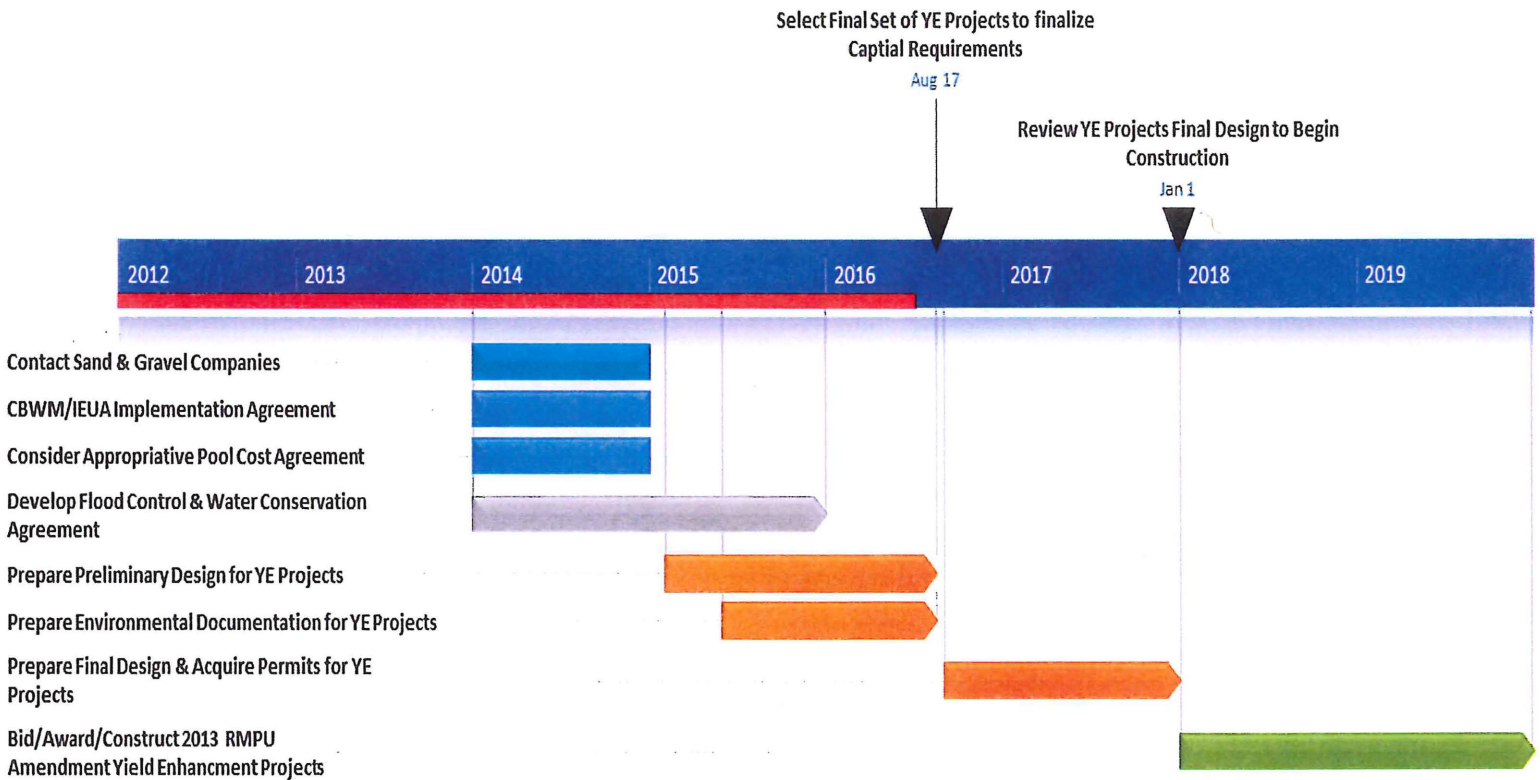
# CHINO BASIN WATERMASTER

## IV. INFORMATION

### 2. RMPU Status Report

2013 Amendment to 2010 RMPU Implementation  
 Status Report – July 2016

Schedule:



STATUS

In April 2015, the 2013 Amendment to 2010 Recharge Master Plan update Steering Committee was merged with the IEUA/Watermaster Joint Projects Committee meeting and renamed the Recharge Investigations and Projects Committee (RIPCom), and meets monthly. This was done so that progress on all recharge projects, including prior projects, RMPU Sustainability and Yield Enhancement projects, and potential new projects could be reviewed by all Pool representatives before making a recommendation to their respective Pools. Progress on all projects are reported as a separate report.

## Year 1-2014

### Yield Enhancement Projects: Contact Sand and Gravel Companies

The effort to have material removed from Turner Basin is complete. To move material from other basins, it is necessary to first complete the Preliminary Design Report (PDR) to allow for an assessment of volume of material available for removal. A site-specific characterization of soils is also required. Preliminary contact with sand and gravel companies has been made and, while there is interest, there are a number of considerations to be addressed. Most companies prefer not to be tied to an IEUA/Watermaster schedule, rather they would prefer to be driven by the needs of development-related construction projects. IEUA estimates having 12 potential companies interested in dirt hauling, however, the number may fluctuate as demands and future schedules change.

### Yield Enhancement Projects: Develop Watermaster and IEUA Yield Enhancement Project Implementation Agreement

This was completed, and the Master Agreement and Task Orders have been signed by both IEUA and Watermaster Boards.

### Yield Enhancement Projects: Consider AP New Yield Cost Allocation Agreement

Within the Safe Yield Reset effort, it was determined that the stormwater yield from the RMPU projects will initially be part of the New Yield allocation. The cost sharing will be based on the Operating Safe Yield percentage, with an opt-out provision that would allow Fontana Water Company the first chance at that water. Section 5.1 of the 2015 Safe Yield Reset Agreement further describes the mechanisms for accounting and allocation among the Appropriate Pool Parties.

### Yield Enhancement Projects: Develop Flood Control and Water Conservation Agreement

IEUA and Watermaster have met and exchanged correspondence with the San Bernardino County Flood Control District (SBCFCD) to expand the Four Party Agreement to include all facilities necessary for RMPU Implementation. IEUA, Watermaster, and SBCFCD have also met to discuss SBCFCD's anticipated permit conditions for the RMPU projects so that there would be minimal or no impact to the RMPU projects scope budget or schedule. IEUA and Watermaster have also met with Chino Basin Water Conservation District (CBWCD) to discuss the CBWCD facilities that are involved in the RMPU Implementation. As of April, negotiations are ongoing.

### Yield Enhancement Projects: Agreement with Property Owners

Contact with SBCFCD and CBWCD has been made through above-mentioned process. The Sierra Basin is no longer considered a potential project due to the City of Fontana stating that the basin is to be repurposed in the future. The Lower San Sevaine (PID 17) property was sold at auction; status is "ongoing due diligence by potential buyer" until May 2017. IEUA is working with California Steel Industries (CSI) on a wastewater issue and is discussing the potential of using that recharge basin for the project contemplated in the RMPU. CSI has

expressed interest in recharging the basin with stormwater, recycled water, and other sources of supplemental water. As of July 2016, discussions are ongoing.

## **Years 2 and 3 -2015 and 2016**

### Yield Enhancement Projects: Prepare Preliminary Design of Recommended Yield Enhancement Projects

The Preliminary Design effort has begun and is reported for each individual project as a separate report which will be posted on Watermaster's FTP site and also accessible at this link:

[http://www.cbwm.org/FTP/Recharge%20Investigations%20and%20Projects%20Committee%20\(RIPCom\)/Project%20PDRs/](http://www.cbwm.org/FTP/Recharge%20Investigations%20and%20Projects%20Committee%20(RIPCom)/Project%20PDRs/)

As of July 2016, the most recent report posted is for the Lower Day Improvements Project.

### Yield Enhancement Projects: Prepare Environmental Documentation for Yield Enhancement Projects

The required environmental documents for the San Sevaine Basin RMPU Project was completed on January 2016, through an IEUA Board adoption of a mitigated negative declaration on the proposed project. The required environmental documents for Lower Day Basin RMPU Project will have a similar find and action. The IEUA Board adopted the findings on April 20, 2016. The remaining RMPU projects will be addressed separately through a programmatic environmental impact report on the proposed planning level projects within the Recharge Master Plan Update document. A report is scheduled to be completed by August 2016.

### Financing Plan

The 2013 RMPU Master Plan Update Financing Plan was approved on May 26, 2016 by the Watermaster Board. The plan is posted on Watermaster's FTP site and also accessible at this link:

[http://www.cbwm.org/FTP/Recharge%20Investigations%20and%20Projects%20Committee%20\(RIPCom\)/RMPU%20Agreements/20160512%20Financing%20Plan%20for%20the%202013%20RMPU.pdf](http://www.cbwm.org/FTP/Recharge%20Investigations%20and%20Projects%20Committee%20(RIPCom)/RMPU%20Agreements/20160512%20Financing%20Plan%20for%20the%202013%20RMPU.pdf)

## **Years 3 and 4-2016 and 2017**

### Prepare Final Designs and Acquire Necessary Permits for Yield Enhancement

As of July 2016, the Final Designs for the RMPU projects will be completed by the end of 2017. San Sevaine and Lower Day, projects on an accelerated schedule, will complete Final Design by August 2016 and April 2017 respectively.



## Years 5 and 6- 2018 and 2019

### Construct 2013 RMPU Amendment Yield Enhancement Projects

Construction of the selected RMPU projects after Final Design are anticipated to be complete by the end of 2019.

### Monitoring, Reporting, and Accounting Long-Term Average Net New Stormwater Recharge

The due date for the second round of requests for Water Quality Management Plan (WQMPs), Design Reports, and As-Built drawings for new projects and projects built between Fiscal Years 2011 and 2013 passed on November 1, 2015. As of July, Watermaster is working with WEI to analyze the data received.

### Sustainability Projects:

Effort is underway. JCSD is the lead on this and is working with IEUA, Ontario, MVWD, and FWC to refine sustainability project opportunities. JCSD began receiving water from the City of Ontario in April 2015 per the Ontario-Jurupa In lieu Sustainability Project Agreement. With this agreement, JCSD will receive 2,000 acre-feet of Ontario's CDA allotment of water in exchange for the purchase of an equal quantity of imported water from the WFA plant for use by the City of Ontario. JCSD is also exploring other sources of imported water beyond Metropolitan Water District to diversify its water source portfolio.

The joint Vulcan/ FWC project at the Vulcan Pit anticipated recharge in the Basin in early September 2015, however, due to some logistical issues it was delayed until December 21, 2015. In February 2016, Vulcan/FWC completed its 100 acre-foot recharge project. The exact amount recharged was 100.006 acre feet. Further recharge is not anticipated until the winter of 2017.

# CHINO BASIN WATERMASTER

## IV. INFORMATION

### 3. Ground Level Monitoring Status Report

# Quarterly Status Report

## Ground-Level Monitoring Program

April – June 2016

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This quarterly status report describes the background of the Ground-Level Monitoring Program, (GLMP), main activities of the GLMP conducted for the period April-June 2016, and the main activities planned for the period July-September 2016.

### Background

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

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

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

The SMP also calls for:

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

Since the initial SMP was adopted by the Watermaster in 2007, Watermaster has conducted the annual GLMP to implement the monitoring and reporting program (No. 1 above).

The main activities of the GLMP include:

- Setup and Maintenance of Monitoring Facilities
- Monitoring and Testing
- Data Analysis and Reporting
- Ground-Level Monitoring Committee (Committee) Meetings

The main results 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 the Northwest MZ-1 Area. Of particular concern is



# Quarterly Status Report

## Ground-Level Monitoring Program

April – June 2016

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that subsidence in Northwest MZ-1 has occurred differentially across the San Jose Fault—the same pattern of differential subsidence that occurred in the MZ-1 Managed Area during the time of ground fissuring.

Based on these results, the Watermaster determined that the SMP needs to be updated to include a *Subsidence Management Plan for the Northwest MZ-1 Area* with the long-term objective to minimize or abate the occurrence of the differential land subsidence. To assist in this update, the GLMP has been expanded in the Northwest MZ-1 Area. The SMP was updated in 2015 to include the *Work Plan to Develop a Subsidence Management Plan for the Northwest MZ-1 Area* (Work Plan). The Work Plan includes eleven tasks that include investigations, construction of monitoring facilities, monitoring and testing programs, modeling, and reporting. Tasks 1 through 5 and 11 began or are scheduled to begin during FY 2015-16 and FY2016-17. These Tasks include:

- Task 1: Describe the Initial Hydrogeologic Conceptual Model and the Monitoring and Testing Program
- Task 2: Implement the Initial Monitoring and Testing Program
- Task 3: Develop and Evaluate the Baseline Management Alternative
- Task 4: Develop and Evaluate the Initial Subsidence-Management Alternative
- Task 5: Design and Install the Pomona Extensometer Facility
- Task 11: Meetings and Administration

### Activities Performed from April - June 2016

#### Setup and Maintenance of Monitoring Facilities

- Performed monthly routine maintenance, data collection, and verification at the Ayala Park Extensometer and Chino Creek Extensometer facilities.
- Decommissioned and completely removed the Daniels Horizontal Extensometer facility at 5500 Daniels Street, Chino, CA. A new planned development at the site necessitated the removal of the facility.
- Worked with the City of Chino to preserve a ground-level survey benchmark on Kimball Avenue that will be destroyed in the widening of the intersection of Kimball Avenue and Rincon Meadows.
- Repaired the transducer cable in PA-7 at Ayala Park that had been damaged.
- *Northwest MZ-1 Area Investigation:*
  - Coordinated with the Monte Vista Water District to determine the modifications needs to allow collection of groundwater levels and production data from the District's wells for the monitoring program.

#### Monitoring and Testing

- Performed quarterly collection, processing, checking, and storing of piezometric and



# Quarterly Status Report

## Ground-Level Monitoring Program

April – June 2016

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aquifer-system deformation data from the wells and extensometers shown on Figure 1.

- Collected InSAR data for western Chino Basin from the German Aerospace Center's TerraSAR-X satellite.
- *Long-Term Pumping Test in the MZ-1 Managed Area.* The Long-Term Pumping Test, described in the SMP, was developed by the Committee to test and refine the Guidance Level for the Managed Area. The test requires that the City of Chino Hills simultaneously pump wells CH-15B and CH-17 to cause water levels at PA-7 to decline below the Guidance Level. The recovery phase of the Long-Term Pumping Test includes groundwater injection cycles at the City of Chino Hills' well CH-16. Both CH-15B and CH-16 require physical improvements to function in the Long-Term Pumping Test. The following work was performed for the Long-Term Pumping Test during the reporting period:
  - The City of Chino Hills modified the wellhead-treatment facility at CH-15B. No significant pumping occurred at the well that resulted in water levels to decline below the Guidance Level at PA-7.
- *Northwest MZ-1 Area Investigation:*
  - Collected, processed and checked groundwater level data and production data from wells in the study area.
  - Completed research and discussions with insurance agencies to determine the feasibility to insure against damages related to land subsidence.
  - Developed multiple groundwater production and wet-water recharge scenarios for the Northwest MZ-1 Area in support of developing an Initial Subsidence-Management Alternative (ISMA). These scenarios were incorporated into the most recent Chino Basin Groundwater Model and evaluated to assess the groundwater level response to each scenario.

### Data Analysis and Reporting

- Compiled and analyzed the data collected for the GLMP through 2015.
- Prepared text, tables, and figures and performed internal review for the draft *2015 Annual Report of the Ground-Level Monitoring Committee*.
- *Northwest MZ-1 Area Investigation:*
  - Prepared text, tables, and figures and performed internal review for the draft technical memorandum titled *Initial Hydrogeologic Conceptual Model and the Monitoring and Testing Program for the Northwest MZ-1 Area*. The technical memorandum describes the hydrogeological information that is known and required to develop a SMP for the Northwest MZ-1 Area.

### Meetings of the Ground-Level Monitoring Committee

A meeting of the Committee was conducted on April 4, 2016 via a conference call. The meeting agenda included the following items:



# Quarterly Status Report

## Ground-Level Monitoring Program

April – June 2016

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- Reviewed and discussed revisions to the scope and budget for the ground-level monitoring program for fiscal year 2016-17 based on recommendations from the Committee made during the meeting on March 21, 2016.
- Distributed the updated Work Breakdown Structure and Cost Estimates and implementation schedule for the *Work Plan to Prepare a Subsidence Management Plan for the Northwest MZ-1 Area* based on current projections.

A meeting of the Committee was conducted on May 4, 2016 via a conference call. The meeting agenda included the following item:

- Discussed the scope of work and cost estimates for two potential new tasks requested by the Committee for FY2016-17, which included preparation of a completion report for the Daniels Horizontal Extensometer the document the facility's design and construction and an investigation and potential implementation of modifications to Monte Vista Water District's SCADA system to facilitate collection of groundwater levels and production data from wells in the study area.

### Activities Planned for July - September 2016

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

- Perform monthly routine maintenance, data collection, and verification at the Ayala Park Extensometer and Chino Creek Extensometer facilities.
- *Northwest MZ-1 Area Investigation:*
  - Coordinate with the Monte Vista Water District to determine necessary modifications to facilitate collection of groundwater levels and production data from wells in the study area.

#### *Monitoring and Testing*

- Perform quarterly collection, processing, checking, and storing of piezometric and aquifer-system deformation data from the wells and extensometers shown on Figure 1.
- Collect InSAR data across the western Chino Basin from the German Aerospace Center's TerraSAR-X satellite.
- *Long-Term Pumping Test in the MZ-1 Managed Area:*
  - The City of Chino Hills will test a wellhead-treatment facility at well CH-15B in an effort to prepare this well to pump groundwater.
- *Northwest MZ-1 Area Investigation:*
  - Continue to implement the Initial Monitoring Program at wells in and around the Northwest MZ-1 Area. Pressure transducers are used to monitor groundwater levels in wells. Production data is collected and includes on/off times and production rates at production wells.



# Quarterly Status Report

## Ground-Level Monitoring Program

April – June 2016

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- Utilize the one-dimensional aquifer-system compaction model with the Chino Basin Groundwater Model and Baseline Management Alternative to estimate future subsidence in the Northwest MZ-1 Area if the Chino Basin Parties operate without an SMP for the Northwest MZ-1 Area. The estimate of future subsidence using the one-dimensional aquifer-system compaction model and Chino Basin Groundwater Model will be finalized during FY 2016/17.
- Continue to develop the ISMA. The assumptions and results (i.e., decrease in production and/or increase in wet-water recharge) will be discussed with the Committee. The results of the ISMA on subsidence in the Northwest MZ-1 Area will be finalized during FY 2016/17.

### Data Analysis and Reporting

- Finalize the *2015 Annual Report of the Ground-Level Monitoring Committee*.
- Perform analysis of electronic distance measurement (EDM) and elevation survey data collected in the Fissure Zone part of the Managed Area and Southeast Area. The data will be used to help determine a location for a new horizontal extensometer in the Managed Area.
- *Northwest MZ-1 Area Investigation:*
  - The draft technical memorandum titled *Initial Hydrogeologic Conceptual Model and the Monitoring and Testing Program for the Northwest MZ-1 Area* will be submitted to the Committee for review in July 2016. The final technical memorandum is scheduled to be published in August 2016.
  - Conduct a siting study to identify potential site(s) for the Pomona Extensometer facility. The potential sites(s) will be reviewed with the Committee.
  - The draft technical memorandum titled *Evaluation of the Baseline Management Alternative* will be submitted to the Committee for review in August 2016. The draft technical memorandum will summarize aquifer conduction related to the baseline management alternative the results of the one-dimensional aquifer-system compaction model.
  - The assumptions and results used in the ISMA will be reviewed with the Committee in August 2016.

### Meetings of the Ground-Level Monitoring Committee

Two Committee meeting are anticipated during the period July through September 2016. The meeting agendas items will include:

- Review and discuss the draft *Initial Hydrologic Conceptual Model and Monitoring and Testing Program*.
- Review and discuss the draft *2015 Annual Report of the Ground-Level Monitoring Committee*.
- Kick-off of the FY2016-17 Ground-Level Monitoring Program.
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Quarterly Status Report  
Ground-Level Monitoring Program  
April – June 2016

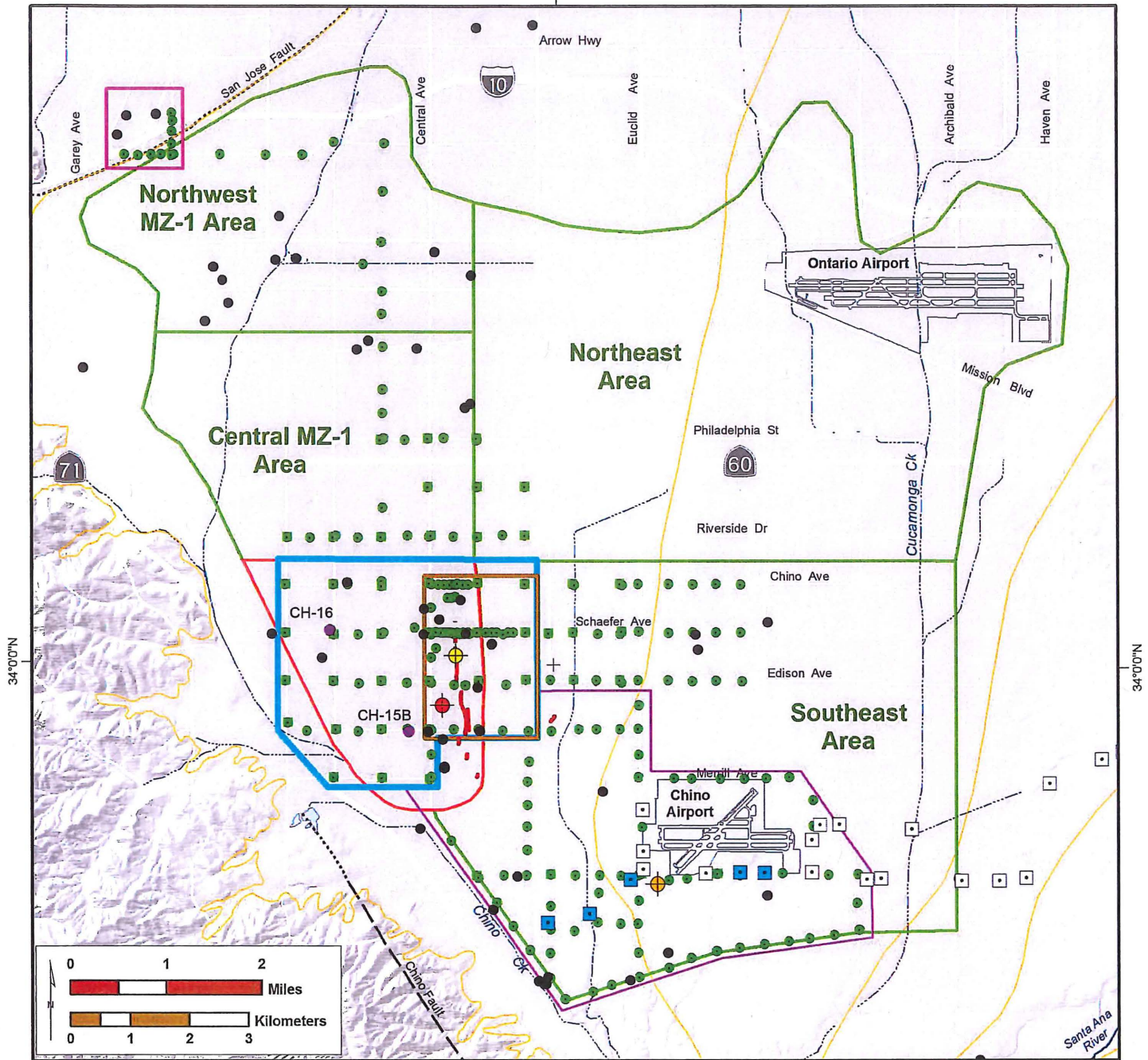
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- Review and discuss the potential site(s) for the Pomona Extensometer facility.
- Review and discuss the results of the one-dimensional aquifer-system compaction model and the draft technical memorandum titled *Evaluation of the Baseline Management Alternative*.
- Review and discuss the assumptions and results used in the ISMA.





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Survey Benchmarks

- Benchmark Monument

Survey Areas

- Southeast Area
- Fissure Zone
- Managed Area
- San Jose Fault Zone

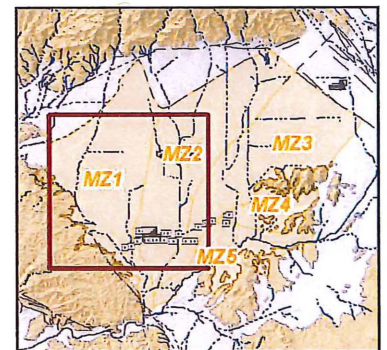
Wells and Extensometers

- Well Monitored by Pressure Transducer
- CH-15B & CH-16 wells
- Desalter Well
- Desalter Well - Chino Creek Well Field
- Ayala Park Extensometer
- Chino Creek Extensometer
- Daniels Horizontal Extensometer

- MZ-1 Managed Area

- Areas of Subsidence Concern

- ~ Historical Ground Fissures



Prepared by:



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 Date: 20160629  
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### Ground-Level Monitoring Program

Q4 FY2015-16

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# CHINO BASIN WATERMASTER

## IV. INFORMATION

4. South Archibald and Chino Airport Plumes Status Report

## Quarterly Status Report on the Chino Airport TCE Plume – July 2016

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**Contaminants:** The primary contaminant is Trichloroethene (TCE). The maximum contaminant level 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 area during the last five years (2011 to 2015) is 670  $\mu\text{g/L}$ . Other contaminants of concern include 1,2-dichloroethane, 1,1-dichloroethene, cis-1,2-dichloroethene, and 1,2,3-trichloropropane.

**Location:** The Chino Airport TCE Plume is located in the southwestern portion of the Chino Basin within the City of Chino (Exhibit 1). As delineated by the Chino Basin Watermaster (Watermaster) in 2015<sup>1</sup>, the extent of the plume with detectable TCE concentrations is about 3,500 feet wide and 12,500 feet long, extending from the Chino Airport towards the south-southwest to just below Pine Avenue. The 2016 extent of the plume area with TCE concentrations greater than or equal to 5  $\mu\text{g/L}$  as delineated by the County of San Bernardino (County) is also shown in Exhibit 1.

**Cleanup and Abatement Orders (CAOs):** The Santa Ana Regional Water Quality Control Board (Regional Board) issued CAO No. 90-134 and CAO No. R8-2008-0064 to the County.

**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, 310 containers of hazardous waste were removed and 81 soil borings were drilled and sampled on the airport property. During 2003 to 2005, nine onsite monitoring wells were installed and used to collect groundwater quality samples. In 2007, the County conducted its first offsite monitoring effort, which included 22 cone penetrometer tests (CPT) and direct push borings from which water quality samples were collected. In 2008, the Regional Board issued CAO No. R8-2008-0064 requiring the County to define the lateral and vertical extent of the plume and to prepare a remedial action plan. Since From 2009 to 2012, 33 offsite monitoring wells were installed at 15 locations to characterize the extent of the contamination downgradient from the 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. At the conclusion of this work, 33 groundwater monitoring wells were installed in 17 locations on and adjacent to the Airport property from September 2014 through February 2015.

The County conducts quarterly, biennial, or annual water-quality monitoring, and quarterly water-level monitoring at their 75 monitoring wells constructed to date. Conclusions from the monitoring program can be found in reports posted on the Regional Board's GeoTracker website<sup>2</sup>. The most recent monitoring report submitted to the Regional Board was in February 2016<sup>3</sup>. The County characterizes the extent of the

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<sup>1</sup> Wildermuth Environmental Inc. (2015). Optimum Basin Management Program - 2014 State of the Basin Report. Prepared for the Chino Basin Watermaster. June 2015.

<sup>2</sup> [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=SL208634049](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL208634049)

<sup>3</sup> Tetra Tech (2016) Semiannual Groundwater Monitoring Report Summer and Fall 2015. Chino Airport Groundwater Assessment, San Bernardino County, California. Prepared for County of San Bernardino Department of Architecture and Engineering. February 2016.



## Quarterly Status Report on the Chino Airport TCE Plume – July 2016

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plume vertically in multiple cross-sectional views, and laterally in an areal view, using the data collected from their monitoring program. The most recent characterization of TCE plume prepared by the County was in a 2015<sup>4</sup> investigation report and 2016<sup>3</sup> monitoring report. Exhibit 1 shows the areal extent of the plume as recently delineated by the County. No groundwater remediation activities have been performed yet by the County.

The Watermaster collects groundwater-quality samples from private wells in the plume area, and at its HCMP-4 monitoring well located in the southern portion of the plume. The Chino Basin Desalter Authority (CDA) collects groundwater-quality samples from its production wells located in the plume area. Watermaster uses data from the County, CDA, and their own sampling to perform an independent characterization of the extent and concentration of the TCE plume. The most recent characterization of the plume completed by Watermaster was in 2015 for the 2014 State of the Basin Report<sup>1</sup> and is shown on Exhibit 1.

**Recent Activity:** In July 2015, Tetra Tech and the County presented an overview to the Regional Board of recent activities and the proposed interim remedial action plan. The County has proposed to design and construct a wellhead treatment system at existing CDA well I-18, which is located at the center of the plume. Preliminary design is underway and negotiations have been initiated with the CDA to implement this remedy. The County is working on a groundwater feasibility study and the development of a site-specific groundwater model to evaluate remedial alternatives as part of the feasibility study.

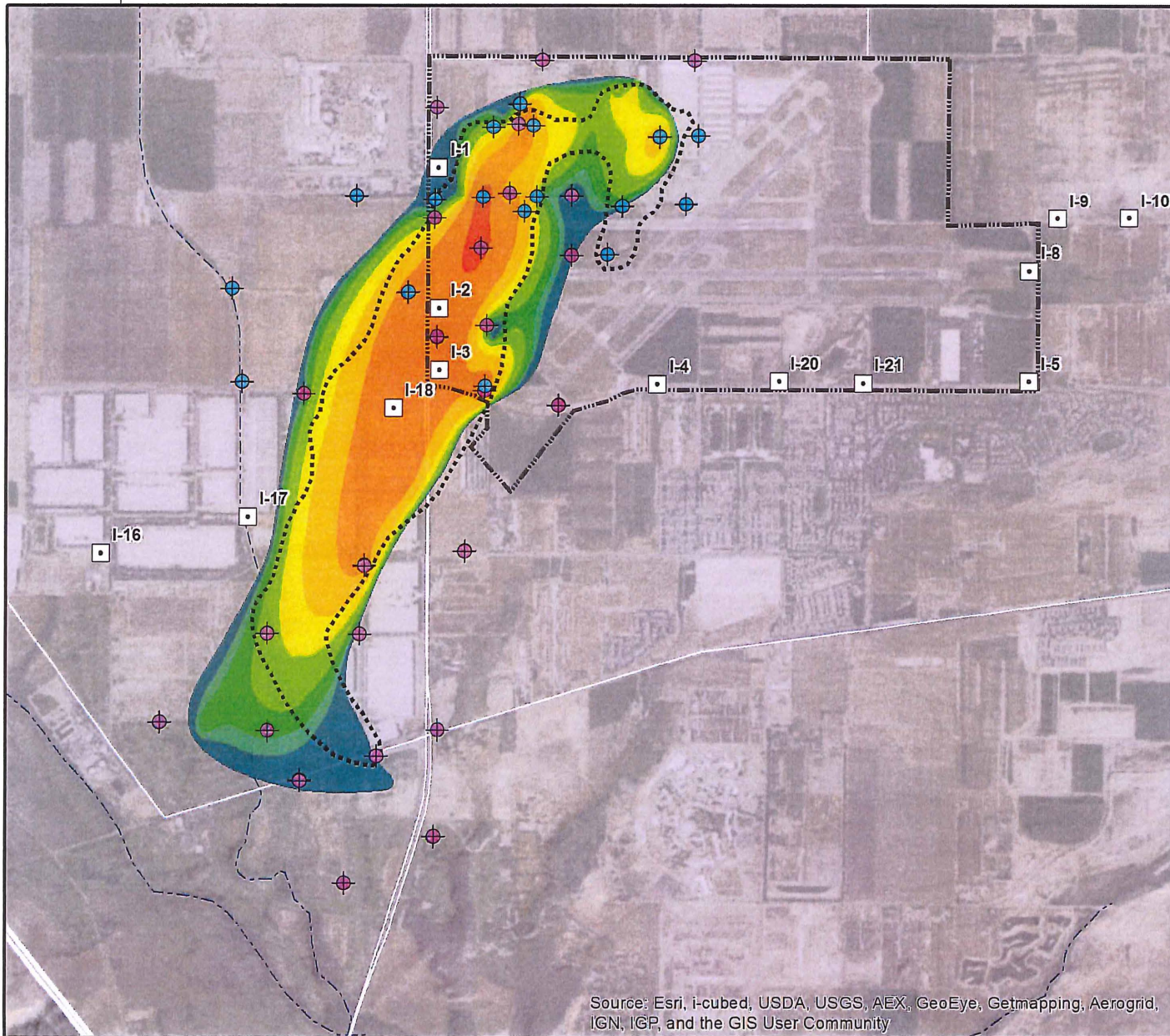
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<sup>4</sup> Tetra Tech (2015). Remedial Investigation Report Addendum Chino Airport San Bernardino County, California. Prepared for the County of San Bernardino, Department of Architecture and Engineering April 2015.



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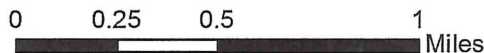
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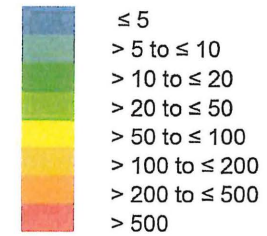
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 Name: ChinoAirport\_20160707



CBWM Quarterly Status Report

Maximum TCE Concentration (µg/L)  
 July 2009 to June 2014  
 (Delineated by Watermaster in the 2014  
 State of the Basin Report)

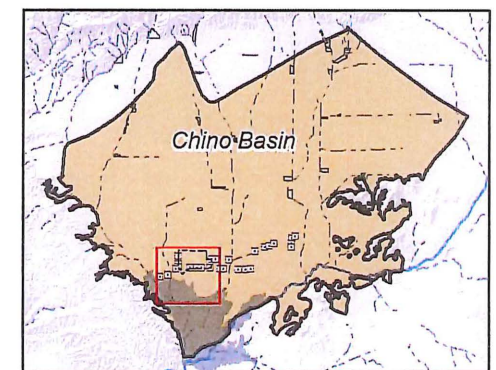


Extent of TCE Plume with Concentrations Greater than or Equal to 5 ug/L as Delineated by the County in 2016 Using Their Data (February 2016 Monitoring Report)

County of San Bernardino Monitoring Well (some locations have multiple wells at various depths)

- Constructed Between 2003 and 2012
- Constructed Between September 2014 and February 2015

- Chino Basin Desalter Authority Production Well
- Chino Airport Property Boundary



### Chino Airport TCE Plume

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## Quarterly Status Report on the South Archibald TCE Plume – July 2016

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**Contaminant:** 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 (2011 to 2015) is 90  $\mu\text{g/L}$ .

**Location:** The South Archibald TCE plume is located in the southern Chino Basin within the City of Ontario. As delineated by the Chino Basin Watermaster (Watermaster) in 2015<sup>1</sup>, the extent of the plume with detectable TCE concentrations is about 11,000 feet wide and 23,000 feet long, and extends from State Route 60 on the north to Bellegrave Ave. to the south, between Haven and Turner Avenues on the east, and Grove Avenue on the west. In 2014, several parties<sup>2</sup> delineated the extent of the plume area with TCE concentrations greater than or equal to 5  $\mu\text{g/L}$ . Both plume delineations are shown in Exhibit 1.

**Cleanup and Abatement Orders (CAOs):** In 2005, the Santa Ana Regional Water Quality Control Board (Regional Board) issued six Draft CAOs to the Aerojet-General Corporation, The Boeing Company, Northrop Grumman Corporation, Lockheed Martin Corporation, General Electric Corporation and the United States Department of Defense; and in 2012 issued one Draft CAO jointly to the City of Ontario, City of Upland, and Inland Empire Utilities Agency (IEUA).

**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 the 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 ABGL parties, worked together, along with the U.S. Department of Defense, to investigate the source of the 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. 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 the TCE contamination and identified discharges of wastewater that may have contained TCE to the RP-1 treatment plant and associated disposal areas to be a potential source. The Regional Board identified several industries, including some previously identified tenants of the Ontario Airport property, that likely used TCE solvents before and during the early-1970s, and discharged wastes to the Cities of Ontario and Upland 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 the IEUA as the previous and current operators of the RP-1 treatment plant and disposal area (collectively RP-1 parties).

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<sup>1</sup> Wildermuth Environmental, Inc. (2015). Optimum Basin Management Program – 2014 State of the Basin Report. Prepared for the Chino Basin Watermaster. June 2015.

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





## Quarterly Status Report on the South Archibald TCE Plume – July 2016

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Under the Regional Board's oversight, sampling at private residential wells and taps has been conducted approximately every two years (2007-08, 2009, 2011 and 2013-14) by multiple parties in the region where groundwater is potentially contaminated with TCE. As of 2014, all private wells and/or taps in the area of the plume have been sampled at least once since 2007. The most recent monitoring report with all this data was published in November 2014<sup>3</sup>. Alternate water systems (tanks) have been installed at residences in the area where well water contains TCE at or above 80 percent of the MCL for TCE (e.g. equal to or greater than 4 µg/L). Residents who declined tank systems are being provided bottled water.

Watermaster routinely samples private wells in the plume area for water quality. Watermaster also conducted two rounds of split sampling with ABGL parties: one in 2009 at the four multi-port ABGL monitoring wells, and one in 2011 at private residences' wells and taps. Watermaster uses data obtained from their own monitoring efforts to delineate the plume. The most recent characterization of the plume was completed by Watermaster in 2015 for the 2014 State of the Basin Report<sup>1</sup> (see Exhibit 1).

### Recent Activity:

Settlement discussions are ongoing between many of the parties to whom Draft CAOs have been issued.

Many of the parties are pursuing various grant funding opportunities to help finance the remediation strategy. This includes applications submitted to the United States Bureau of Reclamation, which resulted in a \$3 million award to the parties. The RP-1 parties have entered into a Cost Sharing Agreement to fund the South Archibald Plume Cleanup Project.

The RP-1 parties completed the Draft Feasibility Study Report for the South Archibald Plume (Feasibility Study) in July 2015<sup>4</sup>. The Feasibility Study establishes clean-up objectives for both domestic water supply and plume remediation, and evaluates alternatives to accomplish these objectives. A Draft Remedial Action Plan (RAP) was concurrently prepared by the RP-1 parties<sup>5</sup> and published in August 2015. A public review period followed along with two community meetings convened in September 2015 to educate the public about the plume, the Feasibility Study and the RAP, and to solicit comments on these reports. A public repository of all pertinent documents is available online at <http://tceplumecleanup.com>. In November 2015 a revised Draft Feasibility Study<sup>6</sup>, RAP<sup>7</sup>, and Responses to Comments were completed to address input from the public, ABGL, and other parties.

The preferred domestic water supply alternative identified in the Feasibility Study and RAP for those residences affected by TCE contamination of groundwater associated with the plume, is a hybrid between the installation of tank systems for some residences, where water is delivered from the City of Ontario

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<sup>3</sup> Erler & 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>4</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.

<sup>5</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>6</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>7</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.



## Quarterly Status Report on the South Archibald TCE Plume – July 2016

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potable supply via truck deliveries, and installing a temporary pipeline to connect some residences to the City of Ontario potable water system.

The preferred plume remediation alternative identified in the Draft Feasibility Study and RAP involves the use of existing and proposed Chino Basin Desalter Authority (CDA) production wells and treatment facilities. The RP-1 parties and the CDA reached a Joint Facility Development Agreement<sup>8</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 production wells, and a dedicated pipeline to convey groundwater produced from the three new wells and the existing CDA well I-11 to the Desalter II treatment facility.

The Draft Feasibility Study and RAP will be finalized based on regulatory input from the Regional Board, and comments from the public and other stakeholders. The anticipated milestones for this proposed project are to obtain Regional Board approval in the third quarter of 2016, commence project implementation in 2016, and initiate cleanup efforts by 2017.

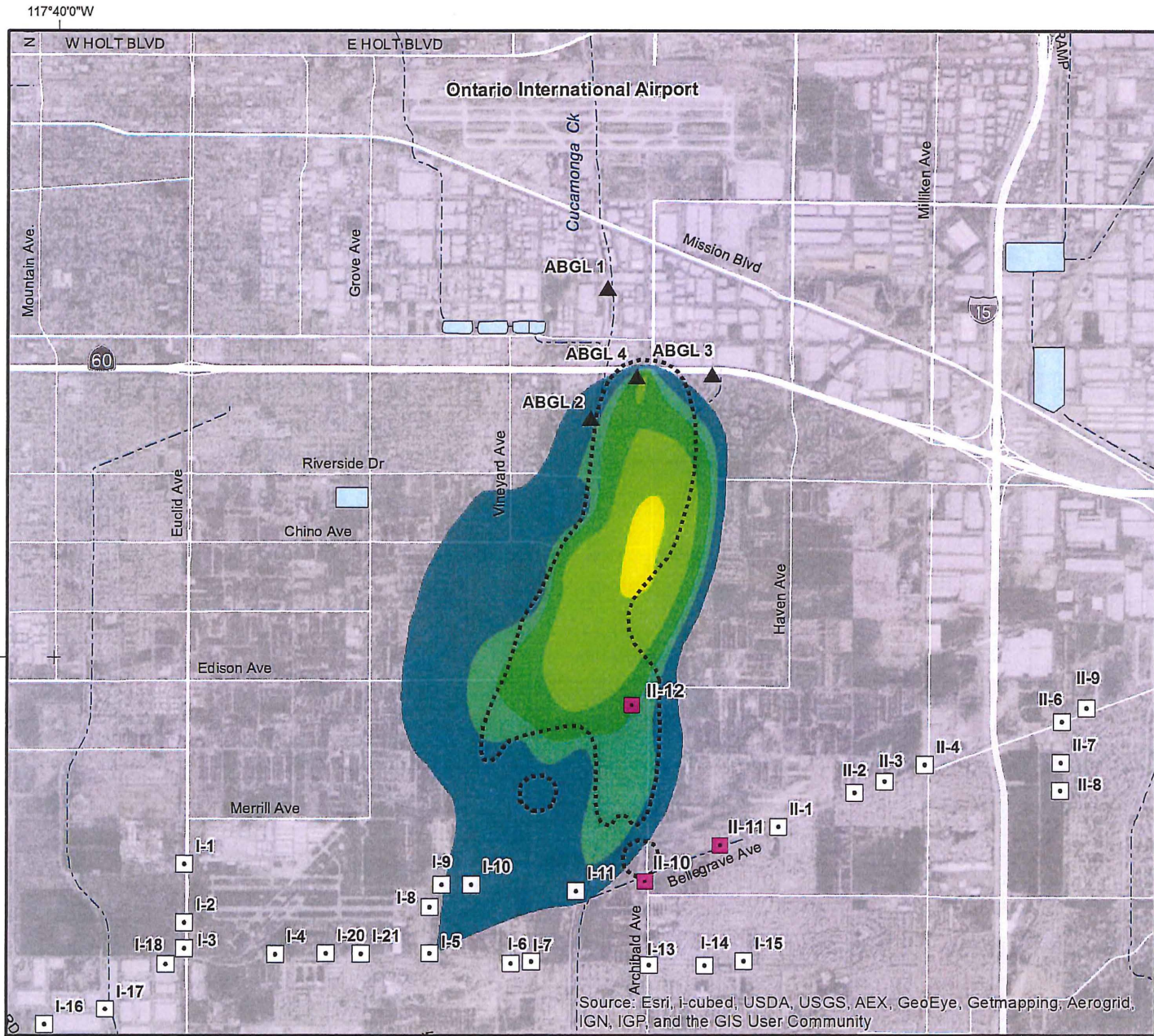
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<sup>8</sup> Agreement dated June 17, 2015

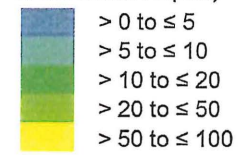


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Maximum TCE Concentration ( $\mu\text{g/L}$ )  
from July 2009 to June 2014  
(Delineated by Watermaster in the 2014 State  
of the Basin Report)



Extent of the TCE Plume with  
Concentrations Greater than or  
Equal to 5  $\mu\text{g/L}$  Using Data Collected  
by ABGL during 2011 to 2014.  
(Delineated in the November 2014  
Supplemental Data Report)

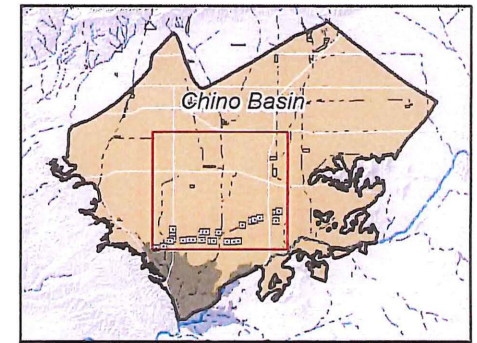
Chino Basin Desalter Authority  
Production Wells:

- Existing (Constructed Between  
1999 to 2012)
- New (Currently Being Constructed  
and Equipped)

ABGL Monitoring Well

Streams & Flood Control  
Channels

Flood Control & Conservation  
Basins

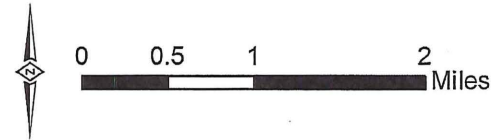


Source: Esri, i-cubed, USDA, USGS, AEX, GeoEye, Getmapping, Aerogrid,  
IGN, IGP, and the GIS User Community

117°40'0"W  
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CBWM Quarterly Status Report

South Archibald TCE Plume

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