



# CHINO BASIN WATERMASTER



## NOTICE OF MEETING

**Thursday, February 28, 2013**

11:00 a.m. – Watermaster Board Meeting

*LUNCH WILL BE SERVED*

*AT THE CHINO BASIN WATERMASTER OFFICES*

*9641 San Bernardino Road  
Rancho Cucamonga, CA 91730  
(909) 484-3888*



# **CHINO BASIN WATERMASTER**

**Thursday, February 28, 2013**

11:00 a.m. – Watermaster Board Meeting

## ***AGENDA PACKAGE***



**CHINO BASIN WATERMASTER  
WATERMASTER BOARD MEETING**

11:00 a.m. – February 28, 2013

WITH

*Mr. Bob Kuhn, Chair*

*Mr. Jim Curatalo, Vice-Chair*

**At The Offices Of**

**Chino Basin Watermaster**

9641 San Bernardino Road

Rancho Cucamonga, CA 91730

**AGENDA**

**CALL TO ORDER**

**PLEDGE OF ALLEGIANCE**

**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 annual Watermaster Board Meeting held January 24, 2013 *(Page 1)*

**B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of December 2012 *(Page 9)*
2. Watermaster VISA Check Detail for the month of December 2012 *(Page 21)*
3. Combining Schedule for the Period July 1, 2012 through December 31, 2012 *(Page 25)*
4. Treasurer's Report of Financial Affairs for the Period December 1, 2012 through December 31, 2012 *(Page 29)*
5. Budget vs. Actual Report for the Period July 1, 2012 through December 31, 2012 *(Page 33)*

**II. BUSINESS ITEMS**

**A. WATERMASTER MID-YEAR REVIEW AND BUDGET TRANSFERS**

Consider (1) Staff recommendation that the Mid-Year Review Report for the Period July 1, 2012 through December 31, 2012 be received and filed as presented, and (2) Staff recommendation for approval of the Budget Transfer Form T-13-02-01 as presented *(Page 42)*

**B. 2013 AMENDMENT TO THE 2010 RECHARGE MASTER PLAN UPDATE SECTION 6**

Consider Approval of the 2013 Amendment to the 2010 Recharge Master Plan Update Section 6: "Recharge Options to Improve Yield and Assure Sustainability" *(Page 68)*

**C. FUNDING OF THE POMONA CREDIT FOR FISCAL YEAR 2012/2013**

Consider Approval to Fund Payment from Existing Watermaster Cash Reserves in Fiscal Year 2012/2013 with Double Appropriative Assessments in Fiscal Year 2013/2014 *(Page 82)*

- D. CDA REQUEST RE REMEDIATION OF CHINO AIRPORT GROUNDWATER PLUME**  
 Consider CDA Request to Petition the Watermaster Court for an Order Regarding the County of San Bernardino's Responsibility for the Remediation of the Chino Airport Groundwater Plume  
*(Page 88)*

**III. REPORTS/UPDATES**

**A. ENGINEERING REPORT**

- 1. Demonstration on HydroDaVE

**B. GM REPORT**

- 1. Save the Date – Refresh, Recharge, and Reunite
- 2. Website Survey
- 3. Cyclic Storage
- 4. Other Business

**IV. INFORMATION**

- 1. Cash Disbursements for January 2013 *(Page 94)*

**V. BOARD MEMBER COMMENTS**

**VI. OTHER BUSINESS**

**VII. CONFIDENTIAL SESSION - POSSIBLE ACTION**

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

- 1. CDA Request Re Remediation of Chino Airport Groundwater Plume

**VIII. FUTURE MEETINGS AT WATERMASTER**

Thursday, February 28, 2013	11:00 a.m.	Watermaster Board Meeting
Thursday, March 7, 2013	10:00 a.m.	CB RMPU Steering Committee Meeting
<b>Tuesday, March 12, 2013</b>	<b>7:30 a.m.</b>	<b>Refresh, Recharge and Reunite – Frontier Project</b>
Thursday, March 14, 2013	9:00 a.m.	Appropriative Pool Meeting
Thursday, March 14, 2013	11:00 a.m.	Non-Agricultural Pool Conference Call Meeting
Thursday, March 14, 2013	1:30 p.m.	Agricultural Pool Meeting
Thursday, March 21, 2013	8:00 a.m.	IEUA DYY Meeting
Thursday, March 21, 2013	9:00 a.m.	Advisory Committee Meeting
Thursday, March 21, 2013	10:00 a.m.	CB RMPU Steering Committee Meeting
Tuesday, March 26, 2013	9:00 a.m.	GRCC Meeting
Thursday, March 28, 2013	11:00 a.m.	Watermaster Board Meeting
<b>Tuesday, April 16, 2013</b>	<b>9:30 a.m.</b>	<b>Budget Workshop</b>

**Meeting Adjourn**



# CHINO BASIN WATERMASTER

## I. CONSENT CALENDAR

### A. MINUTES

1. Annual Watermaster Board Meeting held on January 24, 2013



**Draft Minutes**  
**CHINO BASIN WATERMASTER**  
**ANNUAL WATERMASTER BOARD MEETING**

*January 24, 2013*

The annual Watermaster Board meeting was held at the offices of the Chino Basin Watermaster, 9641 San Bernardino Road, Rancho Cucamonga, CA, on January 24, 2013 at 11:00 a.m.

**WATERMASTER BOARD MEMBERS PRESENT**

Bob Kuhn, Chair  
Jim Curatalo  
Bob Craig  
Steve Elie  
Bob Bowcock  
Charles Field  
Peter Rogers  
Paul Hofer  
Geoffrey Vanden Heuvel

Three Valleys Municipal Water District  
Fontana Union Water Company  
Jurupa Community Services District  
Inland Empire Utilities Agency  
Vulcan Materials Company (Calmat Division)  
Western Municipal Water District  
City of Chino Hills  
Agricultural Pool  
Agricultural Pool

**Watermaster Staff Present**

Peter Kavounas  
Danielle Maurizio  
Joseph Joswiak  
Sherri Molino

General Manager  
Assistant General Manager  
Chief Financial Officer  
Recording Secretary

**Watermaster Consultants Present**

Scott Slater  
Brad Herrema  
Mark Wildermuth  
Veva Weamer

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

**Others Present**

Jeff Pierson  
Bob Feenstra  
Pete Hall  
Brian Gey  
Mark Kinsey  
Sandra Rose  
Art Kidman  
Rick Hansen  
David DeJesus  
Marty Zvirbulis  
Jo Lynne Russo-Pereyra  
Curtis Aaron  
Darron Poulsen  
Paula Lantz  
Dave Crosley  
Bill Thompson  
Rosemary Hoerning  
Scott Burton  
Ron Craig  
Mike Maestas  
Sheri Rojo  
Terry Catlin

Ag Pool – Crops  
Ag Pool – Dairy  
Ag Pool – State of California – CIM  
Auto Club Speedway  
Monte Vista Water District  
Monte Vista Water District  
Kidman Law LLP  
Three Valleys Municipal Water District  
Three Valleys Municipal Water District  
Cucamonga Valley Water District  
Cucamonga Valley Water District  
City of Pomona  
City of Pomona  
City of Pomona  
City of Chino  
City of Norco  
City of Upland  
City of Ontario  
City of Chino Hills  
City of Chino Hills  
Fontana Water Company  
Inland Empire Utilities Agency

Curtis Paxton  
Eunice Ulloa  
Jack Safely  
Todd Corbin  
Ken Jeske  
Justin Brokaw

Chino Desalter Authority  
Chino Basin Water Conservation District  
Western Municipal Water District  
Jurupa Community Services District  
California Steel Industries  
Marigold Mutual Water District

Chair Kuhn called the Watermaster Board meeting to order at 11:02 a.m.

**PLEDGE OF ALLEGIANCE**

**PUBLIC COMMENTS**

Chair Kuhn asked that Mr. Bob Craig introduce himself. Mr. Craig stated he is the representative for Jurupa Community Services District and presently he is the president of that board. Mr. Craig offered further details on his long standing career.

**AGENDA - ADDITIONS/REORDER**

There were no additions or reorders made to the agenda.

**INTRODUCTIONS - CALENDAR YEAR 2013 WATERMASTER BOARD MEMBERS**

Bob Bowcock	Non-Agricultural Pool
Robert "Bob" Craig	Jurupa Community Services District
Jim Curatalo	Fontana Union Water Company
Steve Elie	Inland Empire Utilities Agency
Charles Field	Western Municipal Water District
Paul Hofer	Agricultural Pool (Crops)
Bob Kuhn	Three Valleys Municipal Water District
Peter Rogers	City of Chino Hills
Geoffrey Vanden Heuvel	Agricultural Pool (Dairy)

Chair Kuhn turned the meeting over to the Mr. Kavounas to run the elections.

**I. CALENDAR YEAR 2013 OFFICERS – Action**

**A. ELECTION OF OFFICERS**

1. Nominations will be heard for Watermaster Board:

Nomination: **Bob Kuhn, Three Valleys Municipal Water District**

1<sup>st</sup> Bowcock                      2<sup>nd</sup> Vanden Heuvel

2. Nominations will be heard for Watermaster Board Vice-Chair:

Nomination: **Jim Curatalo, Fontana Union Water Company**

1<sup>st</sup> Bowcock                      2<sup>nd</sup> Vanden Heuvel

3. Nominations will be heard for Watermaster Board Secretary/Treasurer:

Nomination: **Peter Rogers, City of Chino Hills**

1<sup>st</sup> Bowcock                      2<sup>nd</sup> Vanden Heuvel

Mr. Kavounas turned the meeting over to the new 2013 Chair, Mr. Bob Kuhn

**II. CONSENT CALENDAR****A. MINUTES**

1. Minutes of the Watermaster Board Meeting held December 20, 2012

**B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of November 2012
2. Watermaster VISA Check Detail for the month of November 2012
3. Combining Schedule for the Period July 1, 2012 through November 30, 2012
4. Treasurer's Report of Financial Affairs for the Period November 1, 2012 through November 30, 2012
5. Budget vs. Actual Report for the Period July 1, 2012 through November 30, 2012

**C. NOTICE OF INTENT**

Annual Filing of Notice of Intent Regarding the Determination of Operating Safe Yield

**D. CHINO BASIN WATERMASTER INVESTMENT POLICY**

Resolution 13-01 – Resolution of the Chino Basin Watermaster, San Bernardino County, California, Re-Authorizing the Watermaster's Investment Policy

**E. LOCAL AGENCY INVESTMENT FUND**

Resolution 13-02 – Resolution Authorizing Investment of Monies in the Local Agency Investment Fund (LAIF)

*Motion by Vanden Heuvel, second by Rogers, and by unanimous vote*

***Moved to approve Consent Calendar Items A through E, as presented***

**III. BUSINESS ITEMS****A. 2013 AMENDMENT TO THE 2010 RECHARGE MASTER PLAN UPDATE**

Mr. Kavounas stated this item comes to the Board for consideration of approval; this would be approving Section 7 of the amendment to the Recharge Master Plan Update (RMPU) and noted the three Pools have received a detailed report as well as the Advisory Committee; this was recommended to move forward to the Watermaster Board unanimously.

Chair Kuhn inquired if the Board members wanted to see a detailed report on this item since it went through the Watermaster process earlier this month, and there is a detailed staff report in the meeting package for review. It was noted no full presentation was needed; however, some comments were offered.

Mr. Vanden Heuvel stated he would make a motion to approve this item. Mr. Vanden Heuvel stated having this completed item on the agenda is a huge tribute to Mr. Kavounas and his staff. This looked very chaotic several months ago and Watermaster has done a tremendous job getting this item back on track, and we are now being presented a finished product which is ready to be approved and moved to the next phase. There were some policy decisions that were imbedded in this that gave clarity on how to move forward. Mr. Vanden Heuvel offered comment on the challenges this item went through and what is still left to be accomplished. Mr. Vanden Heuvel noted everyone has to do their part and make investments of time and money, and all must be fully engaged in this process. Mr. Vanden Heuvel stated he is very pleased with the progress that has been made thus far. This is really the beginning of the process, and not the end, because this is a continually moving process.

*Motion by Vanden Heuvel, second by Elie, and by unanimous vote*

***Moved to approve the 2013 Amendment to the 2010 Recharge Master Plan Update Section 7 "Evaluation Criteria", as presented***

**B. NOTICE OF OVERLYING (NON-AGRICULTURAL) POOL AVAILABLE WATER PER JUDGMENT EXHIBIT "G"**

Mr. Kavounas stated this item is the notice of the Overlying (Non-Agricultural) Pool available water per Judgment Exhibit "G", which has had a process laid out for it. Mr. Kavounas noted the process has been followed all the way through in the past, and this year is the second year that the proper process is being followed; notice was given on January 10, 2013 that there is approximately 4,000 acre-feet of water up for purchase. There is a table attached in the meeting package that shows how much water each appropriator is entitled to purchase, and the appropriators have until March 1, 2013 to indicate their interest. Mr. Kavounas stated the action required at this time is to receive and file this notice of availability.

*Motion by Vanden Heuvel, second by Craig, and by unanimous vote*

***Moved to receive and file the notice of Overlying (Non-Agricultural) Pool Available Water per Judgment Exhibit "G", as presented***

**IV. REPORTS/UPDATES**

**A. LEGAL COUNSEL REPORT**

1. December 21, 2012 Court Hearing

Counsel Slater stated pursuant to water availability scheduled in the previous item there was a proposed stipulation to redress the cost of water, given the fact that Metropolitan Water District (MWD) no longer has a published replenishment rate; the involved parties worked out that rate, and that was presented to Judge Reichert on December 21, 2012, and was approved without opposition.

2. Santa Ana Sucker Litigation

Counsel Slater stated this item is for the Santa Ana Sucker litigation to discuss new developments as they occur; there have been a number of parties that brought suit against the US Fish and Wildlife Service over a listing process. That resulted in a summary judgment against their interests and it is now being appealed up through the process; counsel has been in contact with their lawyers with regard to whether Watermaster may lend its services in the form of a "friend of the court" brief. Counsel Slater stated, as to date, their opinion is that Watermaster should wait until it moves up the chain further, and they are expecting, at some point, that they may need some assistance to obtain further relief from US Supreme Court.

Added Comment:

Counsel Slater stated he also has an update and an alert that counsel had been authorized, under the prior years' budget and under the previous direction of the Watermaster Board, to proceed with something that our trial court Judge had wanted, which was an annotated version of the Restated Judgment. This would be an unofficial annotated version which would be a user friendly guideline. This will assist when parties raise provisions in the Peace Agreement that are pertinent to certain provisions in the Judgment. Parties would be able to read the Judgment provisions and all of the connected related matters. Counsel Slater stated for a while there was strong interest in doing the annotated version, and the stakeholders as a group wanted the opportunity to participate because they did not want a Watermaster-directed document, they wanted a collaborative document. Each of the Pools has reserved money to engage in this task and counsel believes we are going to be prepared to distribute a strawman initial document, and that we have the time and resources to devote to this task as well as the Watermaster budgeted money for it in this year. Counsel Slater stated counsel/staff will begin working with the Pools to daylight the document to obtain input and develop consensus review, well before anything would come back to the Watermaster Board; that process is going to start in the next month. Chair Kuhn inquired if there was any kind of a timeline associated with that by the court. Counsel Slater stated no, and this is purely at your convenience; although, the companion piece to that is, Watermaster does have a sorry state of Rules and Regulations. Watermaster has done a number of things over the years that have not found themselves in the amendments to the Rules and Regulations, and this becomes a problem for staff and the General

Manager in administering the decree, the Peace Agreements, etc. The Rules and Regulations need to come along with the annotated Judgment in the same process; it is hoped that these items get cleaned up sooner rather than later.

## **B. ENGINEERING REPORT**

### **1. State of the Basin (Part 1 of 2) Update and HydroDaVE**

Mr. Wildermuth introduced Ms. Veva Weamer from Wildermuth Environmental Inc. (WEI) to give the State of the Basin presentation. Ms. Weamer gave the Groundwater Levels 2000 to 2012 Chino Basin Watermaster 2012 State of the Basin Briefing Part 1 presentation. Ms. Weamer stated today we are going to be discussing the groundwater levels section in the State of the Basin report.

Mr. Vanden Heuvel inquired if WEI is confident with the Agricultural Pool production level. Mr. Wildermuth stated his confidence is not very high and he can give those total numbers that Mr. Vanden Heuvel is asking for next month. Mr. Wildermuth spoke on changes in hydrology. Mr. Vanden Heuvel inquired if WEI can incorporate those observations in a footnote on the tables because that would give a better knowledge of the water tables in the future. Mr. Wildermuth stated staff can add that footnote to the tables. Mr. Vanden Heuvel noted this data becomes pretty relevant for the future. Ms. Weamer continued with the presentation.

Chair Kuhn stated he really appreciates him being voted as the Board chairman. Chair Kuhn asked if it is alright with the General Manager maybe a private presentation which is broken down into smaller pieces can be made available that he and any others that did not fully understand this presentation can attend in the near future. Mr. Kavounas stated it is a complicated subject and it is very appropriate to offer an educational meeting on the technical aspects of this presentation. Mr. Kavounas stated staff will offer two or three potential dates for this workshop. Chair Kuhn stated a workshop would be perfect so that anyone who wants to attend can. Counsel Slater offered comment on Chair Kuhn's request for more information. Mr. Wildermuth spoke on Watermaster 101 which is purely a technical discussion of the basin. Mr. Wildermuth stated there is a lot being presented today and there is a tremendous amount of information being offered on the State of the Basin reports; it would be beneficial to hold a workshop on this topic for several parties.

Mr. Curatalo stated there was a lot of good information presented today, and if Watermaster or WEI offered a workshop on this topic he would most definitely attend.

## **C. GM REPORT**

### **1. Prado Basin Habitat Sustainability Program Update**

Mr. Kavounas stated this item is the Prado Basin Habitat Sustainability Program and Ms. Maurizio will be giving a presentation on this program. Ms. Maurizio stated this update was requested by the Watermaster Board at their September, 2012 meeting and staff committed to giving an update in January. 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 Inland Empire Utilities Agency (IEUA's) board in October, 2010. The purpose of the mitigation measure was to ensure that the Prado Basin riparian habitat would 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 vegetative 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. This is a 50/50 cost sharing agreement between Watermaster and IEUA with a not-to-exceed amount of \$220,000 for each party. Included in that cost is to hire a consultant to develop the adaptive management plan, and for WEI to perform the project management tasks related to the monitoring well installation, to hire a contractor to construct and install up to seventeen monitoring wells at nine separate sites, and for United States Bureau of Reclamation to

perform vegetation monitoring every three years. Ms. Maurizio stated three grants have been applied for to offset the cost of this program; however, it is not yet known which ones have been approved. Several small group meetings regarding this project have taken place between Watermaster, IEUA, and Orange County Water District, and then one large committee meeting took place on November 27, 2012. During the last meeting the preliminary outline for the adaptive management plan was discussed. Currently there is a request for a proposal by IEUA which is due January 16, 2013 for the consultant who is going to develop the adaptive management plan. The large committee will meet again in February following the consultant selection to discuss the adaptive management plan, and then that plan is expected to be completed by the end of this fiscal year. Ms. Maurizio stated the monitoring well sites are now being finalized and the site acquisition is in progress. Ms. Maurizio showed a map of the sites and reviewed the locations. IEUA will go out for bid for the well drilling in a few months once all the site acquisition is finalized. It is expected the wells will be completed by the end of this fiscal year. Ms. Maurizio stated most of these wells, with the exception of one or two of the wells, are dual-nested wells and are relatively simple to install. To date starting May, 2012 through November, 2012 there has been \$80,000 of expenditures which totals \$40,000 for both Watermaster and IEUA.

A discussion regarding this matter ensued.

2. Other activities

Mr. Kavounas stated Watermaster has proceeded with making a job offer to Ms. Bianca Ruiz as our Office Specialist position and noted she has worked as the receptionist as a temporary employee for the last four months. Ms. Ruiz introduced herself, offered background, and noted how excited she is to be a part of the Watermaster team.

Mr. Kavounas stated last month he mentioned to the Board that Watermaster had received the newest iteration of the Cyclic Storage Agreement, with an offer from MWD to extend it for another five-year term; at that time it was decided to hold off on signing the agreement until all implications of extending that agreement were understood. Mr. Kavounas stated he has reached the conclusion that it is in Watermaster's best interest, at this time, to extend this agreement with the understanding that it does not commit any of our storage to MWD; it still allows Watermaster full control of the storage in the Chino Basin, unlike the DYY Program which commits storage to MWD to use as they want to. Staff still needs to work with legal counsel regarding this item and he noted this item will be on the agenda in February for authorization of Watermaster's signature of approval.

Mr. Kavounas noted the Watermaster Board gave authorization to sign the WEI contract and that contract has now been finalized, staff has clarified some terms of insurance which provides the Watermaster more clarity that it has up to \$5M of insurance and the signed agreement has been sent to WEI.

Mr. Kavounas stated staff found an excellent deal on new Board chairs, which were greatly needed, and noted this was a budgeted expense.

V. INFORMATION

1. Cash Disbursements for December 2012

No comment was made.

VI. BOARD MEMBER COMMENTS

Mr. Curatalo offered his thanks to Ms. Molino for the Boardroom always looking organized and professional, and for a job well done.

Mr. Elie offered comment on the resignation of Mr. Tom Love, who was the general manager at Inland Empire Utilities Agency. Mr. Elie stated IEUA will have an interim general manager for a short term and then the search for a permanent general manager will begin.

Chair Kuhn stated last year this Board discussed holding some needed meetings, and as the chair he would like to implement holding those meetings. Chair Kuhn stated what he would like to have three meetings throughout the next year, with preset dates with the Pool Chairs, Board Chair, Board Vice-Chair, and General Manager to make sure that we are all working on the same issues in the same manner. Chair Kuhn stated the other meeting he would like to have set up is for the Watermaster Board Chair and Vice-Chair to meet with the General Manager before the Board meetings to discuss what is on the agenda for that month, and then that meeting would be open to other Board members if they wanted to be included. Chair Kuhn stated he is trying to open up the communication between the Watermaster Board and staff to keep things transparent and moving forward.

**VII. OTHER BUSINESS**

No comment was made

No confidential session was called.

**VIII. CONFIDENTIAL SESSION - POSSIBLE ACTION**

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

- 1. Potential Litigation

**IX. FUTURE MEETINGS AT WATERMASTER**

Tuesday, January 22, 2013	9:00 a.m.	GRCC Meeting
Thursday, January 24, 2013	11:00 a.m.	Annual & Election Watermaster Board Meeting
Thursday, February 7, 2013	10:00 a.m.	CB RMPU Steering Committee Meeting
Thursday, February 14, 2013	9:00 a.m.	Appropriative Pool Meeting
Thursday, February 14, 2013	11:00 a.m.	Non-Agricultural Pool Conference Call Meeting
Thursday, February 14, 2013	1:30 p.m.	Agricultural Pool Meeting
Thursday, February 21, 2013	8:00 a.m.	IEUA DYY Meeting
Thursday, February 21, 2013	9:00 a.m.	Advisory Committee Meeting
Thursday, February 21, 2013	10:00 a.m.	CB RMPU Steering Committee Meeting
Thursday, February 28, 2013	11:00 a.m.	Watermaster Board Meeting

Chair Kuhn adjourned the Watermaster Board meeting at 12:03 p.m.

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

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

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# CHINO BASIN WATERMASTER

## **I. CONSENT CALENDAR**

### **B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of December 2012
2. Watermaster VISA Check Detail for the month of December 2012
3. Combining Schedule for the Period July 1, 2012 through December 31, 2012
4. Treasurer's Report of Financial Affairs for the Period December 1, 2012 through December 31, 2012
5. Budget vs. Actual Report for the Period July 1, 2012 through December 31, 2012





# CHINO BASIN WATERMASTER

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

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

**DATE:** February 28, 2013  
**TO:** Board Members  
**SUBJECT:** Cash Disbursement Report – Financial Report B1 (December 31, 2012)

### SUMMARY

**Issue** – Record of cash disbursements for the month of December 2012.

**Recommendation** – Staff recommends the Cash Disbursements for December 2012 be received and filed as presented.

**Fiscal Impact** – Funds disbursed were included in the FY 2012-2013 Watermaster Budget.

### BACKGROUND

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

### DISCUSSION

Total cash disbursements during the month of December 2012 were \$335,675.85. The most significant expenditures during the month were to Wildermuth Environmental, Inc. in the amount of \$88,592.07 (check number 16547 dated December 17, 2012); Brownstein Hyatt Farber Schreck in the amount of \$65,342.05 (check number 16507 dated December 11, 2012); and Brownstein Hyatt Farber Schreck in the amounts of \$53,320.24 (check number 16550 dated December 19, 2012).

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### ACTIONS:

February 14, 2013 Appropriative Pool – Unanimously moved to approve  
February 14, 2013 Non-Agricultural Pool – Moved unanimously to receive and file  
February 14, 2013 Agricultural Pool – Unanimously moved to approve  
February 21, 2013 Advisory Committee – Unanimously moved to approve  
February 28, 2013 Watermaster Board –

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**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month**  
**December 2012**

Financial Report - B1

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	12/05/2012	16500	CUCAMONGA VALLEY IAAP	Cucamonga Valley IAAP Chapter Mtg	1012 · Bank of America Gen'l Ckg	
Bill	12/03/2012			Fee for Wilson and Molino	6192 · Training & Seminars	60.00
TOTAL						60.00
Bill Pmt -Check	12/05/2012	16501	DGO AUTO DETAILING		1012 · Bank of America Gen'l Ckg	
Bill	11/30/2012			Wash 4 trucks on 11/28/12	6177 · Vehicle Repairs & Maintenance	100.00
TOTAL						100.00
Bill Pmt -Check	12/05/2012	16502	PARK PLACE COMPUTER SOLUTIONS, INC.	469	1012 · Bank of America Gen'l Ckg	
Bill	11/30/2012	469		IT Services - November 2012	6052.1 · Park Place Comp Solutn	3,375.00
TOTAL						3,375.00
Bill Pmt -Check	12/11/2012	16503	ACWA JOINT POWERS INSURANCE AUTHORITY	00198	1012 · Bank of America Gen'l Ckg	
Bill	11/28/2012	00198		Prepayment - December 2012	1409 · Prepaid Life, BAD&D & LTD	105.92
				Life Insurance - November 2012	60191 · Life & Disab.Ins Benefits	112.91
TOTAL						218.83
Bill Pmt -Check	12/11/2012	16504	APPLIED COMPUTER TECHNOLOGIES	2088	1012 · Bank of America Gen'l Ckg	
Bill	11/30/2012	2088		Database Services - November 2012	6052.2 · Applied Computer Technol	3,056.60
TOTAL						3,056.60
Bill Pmt -Check	12/11/2012	16505	ARROWHEAD MOUNTAIN SPRING WATER	0023230253	1012 · Bank of America Gen'l Ckg	
Bill	11/30/2012	0023230253		Office Water Bottle - November 2012	6031.7 · Other Office Supplies	66.84
TOTAL						66.84
Bill Pmt -Check	12/11/2012	16506	BOWCOCK, ROBERT		1012 · Bank of America Gen'l Ckg	
Bill	11/15/2012	11/15 Advis/Bd Mtgs		11/15/12 Advisory Committee/Board Meeting	6311 · Board Member Compensation	125.00
Bill	11/29/2012	11/29 RMPU Mtg		11/29/12 RMPU Meeting	6311 · Board Member Compensation	125.00
TOTAL						250.00
Bill Pmt -Check	12/11/2012	16507	BROWNSTEIN HYATT FARBER SCHRECK		1012 · Bank of America Gen'l Ckg	
Bill	10/31/2012	519812		519812	8375 · BHFS Legal - Appropriative Pool	5,489.75
				519812	8475 · BHFS Legal - Agricultural Pool	2,397.35
				519812	8575 · BHFS Legal - Non-Ag Pool	3,605.13
				519812	6275 · BHFS Legal - Advisory Committee	1,852.86
				519812	6375 · BHFS Legal - Board Meeting	6,732.48
				519812	6071 · BHFS Legal - Court Coordination	2,829.60
				519812	6074 · BHFS Legal - Interagency Issues	5,449.95
				519812	6078 · BHFS Legal - Miscellaneous	10,753.14

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month**  
**December 2012**

Type	Date	Num	Name	Memo	Account	Paid Amount
				519812	6907.33 · Desalter/Hydraulic Control	15,238.74
				519812	6907.40 · Storage Agreements	4,266.90
Bill	10/31/2012	519813		Audit Response	6078 · BHFS Legal - Miscellaneous	414.45
Bill	10/31/2012	519814		519814	6907.34 · Santa Ana River Water Rights	520.20
Bill	10/31/2012	519815		519815	6907.33 · Desalter/Hydraulic Control	4,827.15
Bill	10/31/2012	519816		519816	6907.36 · Santa Ana River Habitat	964.35
<b>TOTAL</b>						<b>65,342.05</b>
<b>Bill Pmt -Check</b>	<b>12/11/2012</b>	<b>16508</b>	<b>CALPERS 457 PLAN</b>	<b>Payroll and Taxes for 11/11/12 - 11/24/12</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
General Journal	11/24/2012	11/24/2012	CALPERS 457 PLAN	Employee Deductions for 11/11/12 - 11/24/12	2000 · Accounts Payable	2,764.86
<b>TOTAL</b>						<b>2,764.86</b>
<b>Bill Pmt -Check</b>	<b>12/11/2012</b>	<b>16509</b>	<b>CHARLES Z. FEDAK &amp; COMPANY</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	10/31/2012			Progress Billing - October 2012	6062 · Audit Services	2,948.00
<b>TOTAL</b>						<b>2,948.00</b>
<b>Bill Pmt -Check</b>	<b>12/11/2012</b>	<b>16510</b>	<b>COMPUTER NETWORK</b>	<b>85879</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	11/21/2012	85879		Wireless keyboard	6055 · Computer Hardware	70.04
<b>TOTAL</b>						<b>70.04</b>
<b>Bill Pmt -Check</b>	<b>12/11/2012</b>	<b>16511</b>	<b>CURATALO, JAMES</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	11/06/2012	11/06 Mtg w/GM		11/06/12 Meeting w/Peter Kavounas	6311 · Board Member Compensation	125.00
Bill	11/14/2012	11/14 Mtg w/GM		11/14/12 Meeting w/Peter Kavounas	6311 · Board Member Compensation	125.00
Bill	11/15/2012	11/15 Advis/Bd Mtgs		11/15/12 Advisory Committee/Board Meetings	6311 · Board Member Compensation	125.00
Bill	11/29/2012	11/29 RMPU Mtg		11/29/12 RMPU Meeting	6311 · Board Member Compensation	125.00
<b>TOTAL</b>						<b>500.00</b>
<b>Bill Pmt -Check</b>	<b>12/11/2012</b>	<b>16512</b>	<b>DC LAW</b>	<b>22481</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	11/30/2012	22481		Ag Pool Legal - October/November 2012	8467 · Ag Legal & Technical Services	3,023.72
<b>TOTAL</b>						<b>3,023.72</b>
<b>Bill Pmt -Check</b>	<b>12/11/2012</b>	<b>16513</b>	<b>DE BOOM, NATHAN</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	11/06/2012	11/06 Special Ag Mtg		11/06/12 Special Ag Pool Meeting	8411 · Compensation	25.00
				Ag Pool Member Meeting Compensation	8470 · Ag Meeting Attend -Special	100.00
Bill	11/08/2012	11/08 Ag Pool Mtg		11/08/12 Ag Pool Meeting	8411 · Compensation	25.00
				Ag Pool Member Meeting Compensation	8470 · Ag Meeting Attend -Special	100.00
<b>TOTAL</b>						<b>250.00</b>
<b>Bill Pmt -Check</b>	<b>12/11/2012</b>	<b>16514</b>	<b>DIRECTV</b>	<b>019447404</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	11/28/2012	019447404		Lunch Room 11/19/12 -12/18/12	6031.7 · Other Office Supplies	89.99

P12

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month**  
**December 2012**

Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAL						89.99
<b>Bill Pmt -Check</b>	<b>12/11/2012</b>	<b>16515</b>	<b>DURRINGTON, GLEN</b>		<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	11/06/2012	11/06 Special Ag Mtg		11/06/12 Special Ag Pool Meeting	8411 - Compensation	25.00
				Ag Pool Member Compensation	8470 - Ag Meeting Attend -Special	100.00
Bill	11/08/2012	11/08 Ag Pool Mtg		11/08/12 Ag Pool Meeting	8411 - Compensation	25.00
				Ag Pool Member Compensation	8470 - Ag Meeting Attend -Special	100.00
TOTAL						250.00
<b>Bill Pmt -Check</b>	<b>12/11/2012</b>	<b>16516</b>	<b>ELIE, STEVEN</b>	<b>11/08/12 Appropriative Pool Meeting</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	11/08/2012	11/08 Appro Pool Mtg		11/08/12 Appropriative Pool Meeting	6311 - Board Member Compensation	125.00
TOTAL						125.00
<b>Bill Pmt -Check</b>	<b>12/11/2012</b>	<b>16517</b>	<b>FEENSTRA, BOB</b>		<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	11/01/2012	11/01 RMPU Mtg		11/01/12 RMPU Meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	11/06/2012	11/06 Special Ag Mtg		11/06/12 Special Ag Pool Meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	11/08/2012	11/08 Ag Pool Mtg		11/08/12 Ag Pool Meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	11/15/2012	11/15 Board Mtg		11/15/12 Board Meeting	6311 - Board Member Compensation	125.00
<b>TOTAL</b>						500.00
<b>Bill Pmt -Check</b>	<b>12/11/2012</b>	<b>16518</b>	<b>GREAT AMERICA LEASING CORP.</b>	<b>13043150</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	11/30/2012	13043150		Monthly Invoice	6043.1 - Ricoh Lease Fee	2,788.53
				Usage for Black Copies	6043.2 - Ricoh Usage & Maintenance Fee	205.21
				Usage for Color Copies	6043.2 - Ricoh Usage & Maintenance Fee	263.04
TOTAL						3,256.78
<b>Bill Pmt -Check</b>	<b>12/11/2012</b>	<b>16519</b>	<b>HALL, PETE*</b>		<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	11/01/2012	11/01 RMPU Mtg		11/01/12 RMPU Meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	11/06/2012	11/06 Special Ag Mtg		11/06/12 Special Ag Pool Meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	11/08/2012	11/08 Ag Pool Mtg		11/08/12 Ag Pool Meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	11/15/2012	11/15 RMPU Mtg		11/15/12 RMPU Meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	11/15/2012	11/15 Advisory Comm		11/15/12 Advisory Committee Meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	11/15/2012	11/15 Board Mtg		11/15/12 Board Meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	11/20/2012	11/20 GRCC Mtg		11/20/12 GRCC Meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	11/27/2012	11/27 GW Model Mtg		11/27/12 GW Model Update Meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	11/29/2012	11/29 RMPU Mtg		11/29/12 RMPU Meeting	8470 - Ag Meeting Attend -Special	125.00
TOTAL						1,125.00
<b>Bill Pmt -Check</b>	<b>12/11/2012</b>	<b>16520</b>	<b>HOGAN LOVELLS</b>	<b>2698818</b>	<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	10/31/2012	2698818		Non-Ag Pool Legal Services - October 2012	8567 - Non-Ag Legal Service	1,701.00

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month**  
**December 2012**

	<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Paid Amount</u>
TOTAL							1,701.00
	Bill Pmt -Check	12/11/2012	16521	HSBC BUSINESS SOLUTIONS	7003-7309-1000-2744	1012 · Bank of America Gen'l Ckg	
	Bill	11/30/2012	7003730910002744		Miscellaneous office supplies	6031.7 · Other Office Supplies	512.38
TOTAL							512.38
	Bill Pmt -Check	12/11/2012	16522	HUITSING, JOHN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
	Bill	11/06/2012	11/06 Special Ag Mtg		11/06/12 Special Ag Pool Meeting	8411 · Compensation	25.00
					Ag Pool Member Compensation	8470 · Ag Meeting Attend -Special	100.00
TOTAL							125.00
	Bill Pmt -Check	12/11/2012	16523	KOOPMAN, GENE		1012 · Bank of America Gen'l Ckg	
	Bill	11/06/2012	11/06 Special Ag Mtg		11/06/12 Special Ag Pool Meeting	8411 · Compensation	25.00
					Ag Pool Member Meeting Compensation	8470 · Ag Meeting Attend -Special	100.00
	Bill	11/08/2012	11/08 Ag Pool Mtg		11/08/12 Ag Pool Meeting	8411 · Compensation	25.00
					Ag Pool Member Meeting Compensation	8470 · Ag Meeting Attend -Special	100.00
TOTAL							250.00
P14	Bill Pmt -Check	12/11/2012	16524	KUHN, BOB		1012 · Bank of America Gen'l Ckg	
	Bill	11/06/2012	11/06 Mtg w/GM		11/06/12 Meeting w/Peter Kavounas	6311 · Board Member Compensation	125.00
	Bill	11/14/2012	11/14 Mtg w/GM		11/14/12 Meeting w/Peter Kavounas	6311 · Board Member Compensation	125.00
	Bill	11/15/2012	11/15 Advis/Bd Mtgs		11/15/12 Advisory Committee/Board Meetings	6311 · Board Member Compensation	125.00
	Bill	11/28/2012	11/28 Admin Mtg		11/28/12 Administrative Meeting	6311 · Board Member Compensation	125.00
TOTAL							500.00
	Bill Pmt -Check	12/11/2012	16525	LANTZ, PAULA		1012 · Bank of America Gen'l Ckg	
	Bill	11/08/2012	11/08 Appro Pool Mtg		11/08/12 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00
	Bill	11/15/2012	11/15 Advis/Bd Mtg		11/15/12 Advisory Committee/Board Meetings	6311 · Board Member Compensation	125.00
TOTAL							250.00
	Bill Pmt -Check	12/11/2012	16526	MIJAC ALARM	327562	1012 · Bank of America Gen'l Ckg	
	Bill	12/01/2012	327562		Fire District Annual Permit 12/01/12-11/30/13	6026 · Security Services	21.00
					Fire Monitoring 12/01/2012-2/28/2013	6026 · Security Services	396.00
TOTAL							417.00
	Bill Pmt -Check	12/11/2012	16527	PAYCHEX	2012112900	1012 · Bank of America Gen'l Ckg	
	Bill	11/30/2012	2012112900		November 2012	6012 · Payroll Services	330.14
TOTAL							330.14
	Bill Pmt -Check	12/11/2012	16528	PETTY CASH	2429-2438	1012 · Bank of America Gen'l Ckg	

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month**  
**December 2012**

Financial Report - B1

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	11/30/2012			Bagged ice for meetings	6031.7 · Other Office Supplies	5.99
				Supplies for office	6141.3 · Admin Meetings	33.36
				Supplies for 10/23 Basin Tour - Board	6312 · Meeting Expenses	149.91
				Water quality sampling supplies	7103.6 · Grdwtr Qual-Supplies	28.91
				Water level supplies	7104.6 · Grdwtr Level-Supplies	32.81
				Supplies - 10/18 DYY meeting	7204 · Comp Recharge-Supplies	14.23
				Supplies - 10/18 RMPU meeting	7504 · PE6&7-Supplies	14.24
				Supplies - 10/11 Appropriate Pool meeting	8312 · Meeting Expenses	25.97
<b>TOTAL</b>						<b>304.82</b>
<b>Bill Pmt -Check</b>	<b>12/11/2012</b>	<b>16529</b>	<b>PIERSON, JEFFREY</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	11/01/2012	11/01 RMPU Mtg		11/01/12 RMPU Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	11/06/2012	11/06 Special Ag Mtg		11/06/12 Special Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	11/15/2012	11/15 Board Mtg		11/15/12 Board Meeting	6311 · Board Member Compensation	125.00
Bill	11/15/2012	11/15 RMPU Mtg		11/15/12 RMPU Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	11/15/2012	11/15 Advisory Comm		11/15/12 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	11/29/2012	11/29 RMPU Mtg		11/29/12 RMPU Meeting	8470 · Ag Meeting Attend -Special	125.00
<b>TOTAL</b>						<b>750.00</b>
<b>Bill Pmt -Check</b>	<b>12/11/2012</b>	<b>16530</b>	<b>PUBLIC EMPLOYEES' RETIREMENT SYSTEM</b>	<b>Payor #3493</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
General Journal	11/24/2012	11/24/2012	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 11/11/12 - 11/24/12	2000 · Accounts Payable	6,786.00
<b>TOTAL</b>						<b>6,786.00</b>
<b>Bill Pmt -Check</b>	<b>12/11/2012</b>	<b>16531</b>	<b>PURCHASE POWER</b>	<b>8000909000168851</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	11/30/2012	8000909000168851		Package to Stradling Yocca Carlson & Rauth	6042 · Postage - General	21.49
<b>TOTAL</b>						<b>21.49</b>
<b>Bill Pmt -Check</b>	<b>12/11/2012</b>	<b>16532</b>	<b>ROGERS, PETER</b>	<b>11/15/12 Board Meeting</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	11/15/2012	11/15 Board Mtg		11/15/12 Board Meeting	6311 · Board Member Compensation	125.00
<b>TOTAL</b>						<b>125.00</b>
<b>Bill Pmt -Check</b>	<b>12/11/2012</b>	<b>16533</b>	<b>THE LAWTON GROUP</b>	<b>6017</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	11/18/2012	19312		Week ending 11/18/12	6017 · Temporary Services	768.00
Bill	11/30/2012	19339		Week ending 11/25/12	6017 · Temporary Services	460.80
<b>TOTAL</b>						<b>1,228.80</b>
<b>Bill Pmt -Check</b>	<b>12/11/2012</b>	<b>16534</b>	<b>VANDEN HEUVEL, GEOFFREY</b>	<b>6311</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	11/06/2012	11/06 Special Ag Mtg		11/06/12 Special Ag Pool Meeting	6311 · Board Member Compensation	125.00
Bill	11/08/2012	11/08 Ag Pool Mtg		11/08/12 Ag Pool Meeting	6311 · Board Member Compensation	125.00
Bill	11/28/2012	11/28 Admin Mtg		11/28/12 Administrative Meeting	6311 · Board Member Compensation	125.00

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month**  
**December 2012**

	<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Paid Amount</u>
TOTAL							375.00
	Bill Pmt -Check	12/11/2012	16535	VANDEN HEUVEL, ROB	AG POOL MEMBER COMPENSATION	1012 · Bank of America Gen'l Ckg	
	Bill	11/08/2012	11/08 Ag Pool Mtg		11/08/12 Ag Pool Meeting	8411 · Compensation	25.00
					Ag Pool Member Compensation	8470 · Ag Meeting Attend -Special	100.00
TOTAL							125.00
	Bill Pmt -Check	12/11/2012	16536	VERIZON		1012 · Bank of America Gen'l Ckg	
	Bill	11/28/2012	012561121521714508		012561121521714508	7405 · PE4-Other Expense	177.46
	Bill	11/30/2012	012519116950792103		012519116950792103	6022 · Telephone	509.91
TOTAL							687.37
	Bill Pmt -Check	12/11/2012	16537	VISION SERVICE PLAN	00-101789-0001	1012 · Bank of America Gen'l Ckg	
	Bill	11/30/2012	001017890001		Vision Premium - December 2012	60182.2 · Dental & Vision Ins	44.15
TOTAL							44.15
	Bill Pmt -Check	12/11/2012	16538	YUKON DISPOSAL SERVICE	08-K2 213849	1012 · Bank of America Gen'l Ckg	
	Bill	12/01/2012	08-K2 213849		Disposal service - December 2012	6024 · Building Repair & Maintenance	106.53
TOTAL							106.53
	General Journal	12/14/2012	12/14/2012	Payroll and Taxes for 11/25/12-12/08/12	Payroll and Taxes for 11/25/12 - 12/08/12	1012 · Bank of America Gen'l Ckg	
					Direct Deposits for 11/25/12 - 12/08/12	1012 · Bank of America Gen'l Ckg	19,057.48
					Payroll Taxes for 11/25/12 - 12/08/12	1012 · Bank of America Gen'l Ckg	6,400.59
TOTAL							25,458.07
	Bill Pmt -Check	12/17/2012	16539	ACWA JOINT POWERS INSURANCE AUTHORITY	00198	1012 · Bank of America Gen'l Ckg	
	Bill	12/11/2012	00198		Prepayment - January 2013	1409 · Prepaid Life, BAD&D & LTD	18.28
					Life Insurance - December 2012	60191 · Life & Disab.Ins Benefits	54.76
TOTAL							73.04
	Bill Pmt -Check	12/17/2012	16540	COMPUTER NETWORK	86047	1012 · Bank of America Gen'l Ckg	
	Bill	12/11/2012	86047		Replacement FileServer	1840 · Capital Assets	7,219.25
TOTAL							7,219.25
	Bill Pmt -Check	12/17/2012	16541	CORELOGIC INFORMATION SOLUTIONS	9004252	1012 · Bank of America Gen'l Ckg	
	Bill	11/30/2012	9004252		9004252	7103.7 · Grdwtr Qual-Computer Svc	62.50
					9004252	7101.4 · Prod Monitor-Computer	62.50
TOTAL							125.00
	Bill Pmt -Check	12/17/2012	16542	OFFICE DEPOT		1012 · Bank of America Gen'l Ckg	

Page 6 of 10

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month**  
**December 2012**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	12/04/2012	635299366001		File folders	6031.7 · Other Office Supplies	29.58
Bill	12/06/2012	635299293001		Frame for commendation	6031.7 · Other Office Supplies	41.57
TOTAL						71.15
<b>Bill Pmt -Check</b>	<b>12/17/2012</b>	<b>16543</b>	<b>PREMIERE GLOBAL SERVICES</b>	<b>12694427</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	11/30/2012	12694427		Conference call on 10/29	6909.1 · OBMP Meetings	86.61
				Conference call on 10/30	6909.1 · OBMP Meetings	105.03
				11/08 Non-Ag Pool Meeting call	8512 · Meeting Expense	91.40
				Conference call on 11/13	6909.1 · OBMP Meetings	47.89
				PK follow up call w/ Kuhn, Curatalo	6312 · Meeting Expenses	45.33
				11/26 RMPU Amendment call	7204 · Comp Recharge-Supplies	222.65
				Service fee	6022 · Telephone	14.95
				Service fee	6022 · Telephone	13.74
TOTAL						627.60
<b>Bill Pmt -Check</b>	<b>12/17/2012</b>	<b>16544</b>	<b>STAPLES BUSINESS ADVANTAGE</b>	<b>8023874811</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	12/01/2012	8023874811		Miscellaneous office supplies	6031.7 · Other Office Supplies	142.62
TOTAL						142.62
<b>Bill Pmt -Check</b>	<b>12/17/2012</b>	<b>16545</b>	<b>THE LAWTON GROUP</b>	<b>6017</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	12/11/2012	19367		Week ending 12/02/12	6017 · Temporary Services	768.00
TOTAL						768.00
<b>Bill Pmt -Check</b>	<b>12/17/2012</b>	<b>16546</b>	<b>WESTERN DENTAL SERVICES, INC.</b>	<b>3812/3814</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	12/11/2012	3812/3814		Dental Insurance - December 2012	60182.2 · Dental & Vision Ins	28.88
TOTAL						28.88
<b>Bill Pmt -Check</b>	<b>12/17/2012</b>	<b>16547</b>	<b>WILDERMUTH ENVIRONMENTAL INC</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	11/30/2012	2012297		2012297	6906 · OBMP Engineering Services	920.00
Bill	11/30/2012	2012298		2012298	6906 · OBMP Engineering Services	6,002.75
Bill	11/30/2012	2012299		2012299	6906 · OBMP Engineering Services	2,745.00
Bill	11/30/2012	2012300		2012300	6906 · OBMP Engineering Services	14,218.75
Bill	11/30/2012	2012301		2012301	7103.3 · Grdwtr Qual-Engineering	2,737.50
Bill	11/30/2012	2012302		2012302	7104.3 · Grdwtr Level-Engineering	11,267.67
Bill	11/30/2012	2012303		2012303	7107.61 · Grd Level-Chino Hills ASR	5,934.25
Bill	11/30/2012	2012304		2012304	7107.2 · Grd Level-Engineering	7,633.80
Bill	11/30/2012	2012305		2012305	7108.3 · Hydraulic Control-Engineering	6,673.27
Bill	11/30/2012	2012306		2012306	7108.3 · Hydraulic Control-Engineering	257.50
Bill	11/30/2012	2012307		2012307	7108.7 · Hydraulic Control - Prado Basin	9,986.49
Bill	11/30/2012	2012308		2012308	7202.3 · Comp Recharge-Implementation	17,300.00

P17

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month**  
**December 2012**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	11/30/2012	2012309		2012309	7402 · PE4-Engineering	771.34
Bill	11/30/2012	2012310		2012310	7101.31 · Prod Monitor-Engineering-Sub	520.91
Bill	11/30/2012	2012311		2012311	7103.31 · Grdwtr Qual-Engineering SubCont	1,222.14
Bill	11/30/2012	2012312		2012312	6902.31 · OBMP - Wildermuth Staff	400.70
TOTAL						88,592.07
Check	12/17/2012	12/17/2012	Service Charge	Service Charge	1012 · Bank of America Gen'l Ckg	
				Service Charge	6039.1 · Banking Service Charges	236.53
TOTAL						236.53
Check	12/19/2012	16548	GENERAL ELECTRIC COMPANY		1012 · Bank of America Gen'l Ckg	
Credit Memo	11/21/2012	NAG13-16CR		CURO Adjustment	4224 · CUR0 Adjustment	3.01
				Refund of Excess Reserves-Non-Ag Pool	9997 · Refund-Excess Reserve-NonAg	1.30
TOTAL						4.31
Bill Pmt -Check	12/19/2012	16549	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	11/30/2012	XXXX-XXXX-XXXX-9341		Paper towels for restrooms	6031.7 · Other Office Supplies	147.39
				Survey Monkey basic service	6061.4 · Other Contract Services	300.00
				PK meetings with Rick Hansen & John Schatz	8312 · Meeting Expenses	50.12
				Gas for field truck	6175 · Vehicle Fuel	78.90
				PK meeting w/ Geoff Vanden Heuvel	6312 · Meeting Expenses	37.07
TOTAL						613.48
Bill Pmt -Check	12/19/2012	16550	BROWNSTEIN HYATT FARBER SCHRECK		1012 · Bank of America Gen'l Ckg	
Bill	11/30/2012	521191		521191	8375 · BHFS Legal - Appropriative Pool	5,731.66
				521191	8475 · BHFS Legal - Agricultural Pool	2,351.04
				521191	8575 · BHFS Legal - Non-Ag Pool	2,611.82
				521191	8275 · BHFS Legal - Advisory Committee	3,318.36
				521191	8375 · BHFS Legal - Board Meeting	5,980.56
				521191	6071 · BHFS Legal - Court Coordination	3,777.75
				521191	6072 · BHFS Legal - Annotated Judgment	2,106.00
				521191	6074 · BHFS Legal - Interagency Issues	3,791.70
				521191	6078 · BHFS Legal - Miscellaneous	4,001.85
				521191	6907.30 · Peace II - CEQA	573.30
				521191	6907.39 · Recharge Master Plan	9,146.96
				521191	6907.40 · Storage Agreements	937.79
Bill	11/30/2012	521192		521192	6073 · BHFS Legal - Personnel Matters	263.25
Bill	11/30/2012	521193		521193	6907.34 · Santa Ana River Water Rights	449.10
Bill	11/30/2012	521194		521194	6907.33 · Desalter/Hydraulic Control	7,757.55
Bill	11/30/2012	521195		521195	6907.35 · Paragraph 31 Motion	521.55

P18

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month**  
**December 2012**

	<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Paid Amount</u>
TOTAL							53,320.24
	Bill Pmt -Check	12/19/2012	16551	CALPERS 457 PLAN	Payroll and Taxes for 11/25/12 - 12/08/12	1012 · Bank of America Gen'l Ckg	
	General Journal	12/14/2012	12/14/2012	CALPERS 457 PLAN	Employee Deductions for 11/25/12 - 12/08/12	2000 · Accounts Payable	2,764.86
TOTAL							2,764.86
	Bill Pmt -Check	12/19/2012	16552	CHEF DAVE'S CAFE & CATERING	3144	1012 · Bank of America Gen'l Ckg	
	Bill	11/30/2012	3144		Board lunch for 11/15 Board Meeting	6312 · Meeting Expenses	638.40
TOTAL							638.40
	Bill Pmt -Check	12/19/2012	16553	CUCAMONGA VALLEY WATER DISTRICT	Lease due January 1, 2013	1012 · Bank of America Gen'l Ckg	
	Bill	12/17/2012			Lease due January 1, 2013	1422 · Prepaid Rent	6,098.00
TOTAL							6,098.00
	Bill Pmt -Check	12/19/2012	16554	EUROFINS EATON ANALYTICAL	L0106499	1012 · Bank of America Gen'l Ckg	
	Bill	11/30/2012	L0106499		L0106499	7103.5 · Grdwtr Qual-Lab Svcs	838.00
TOTAL							838.00
<b>P 1 9</b>	Bill Pmt -Check	12/19/2012	16555	GUARANTEED JANITORIAL SERVICE, INC.	6-29460	1012 · Bank of America Gen'l Ckg	
	Bill	12/18/2012	6-29460		Janitorial Service - December 2012	6024 · Building Repair & Maintenance	865.00
TOTAL							865.00
	Bill Pmt -Check	12/19/2012	16556	LEGAL SHIELD	111802	1012 · Bank of America Gen'l Ckg	
	Bill	12/15/2012	0111802		Employee Deductions - December 2012	60194 · Other Employee Insurance	51.80
TOTAL							51.80
	Bill Pmt -Check	12/19/2012	16557	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
	General Journal	12/08/2012	12/08/2012	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 11/25/12 - 12/08/12	2000 · Accounts Payable	6,786.00
TOTAL							6,786.00
	Bill Pmt -Check	12/19/2012	16558	RAUCH COMMUNICATION CONSULTANTS, LLC	Dec-1204	1012 · Bank of America Gen'l Ckg	
	Bill	11/30/2012	Dec-1204		Progress Payment - Annual Report	6061.3 · Rauch	7,425.00
TOTAL							7,425.00
	Bill Pmt -Check	12/19/2012	16559	STAULA, MARY L	Retiree Medical	1012 · Bank of America Gen'l Ckg	
	Bill	12/31/2012				60182.4 · Retiree Medical	136.61
TOTAL							136.61
	Bill Pmt -Check	12/19/2012	16560	THE LAWTON GROUP	6017	1012 · Bank of America Gen'l Ckg	
	Bill	12/09/2012	19397		Week ending 12/09/12	6017 · Temporary Services	768.00

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month  
December 2012

Financial Report - B1

	Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAL							768.00
	Bill Pmt -Check	12/19/2012	16561	UNITED HEALTHCARE	0029791237	1012 · Bank of America Gen'l Ckg	
	Bill	12/15/2012	0029791237		Dental Insurance - January 2013	60182.2 · Dental & Vision Ins	499.33
TOTAL							499.33
	Bill Pmt -Check	12/19/2012	16562	VERIZON BUSINESS	61446780	1012 · Bank of America Gen'l Ckg	
	Bill	12/10/2012	61446780		61446780	6053 · Internet Expense	1,558.87
TOTAL							1,558.87
	Bill Pmt -Check	12/19/2012	16563	VERIZON WIRELESS	1143368139	1012 · Bank of America Gen'l Ckg	
	Bill	12/13/2012	1143368139		Office telephone monthly service	6022 · Telephone	361.85
TOTAL							361.85
	General Journal	12/22/2012	12/22/2012	Payroll and Taxes for 12/09/12 - 12/22/12	Payroll and Taxes for 12/09/12 - 12/22/12	1012 · Bank of America Gen'l Ckg	
					Direct Deposits for 12/09/12 - 12/22/12	1012 · Bank of America Gen'l Ckg	19,057.35
					Payroll Taxes for 12/09/12 - 12/22/12	1012 · Bank of America Gen'l Ckg	6,400.56
TOTAL							25,457.91
PP20	General Journal	12/31/2012	12/31/2012	Wage Works Direct Debits - Dec. 2012	Wage Works Direct Debits - Dec. 2012	1012 · Bank of America Gen'l Ckg	
					Wage Works Direct Debits - Dec. 2012	1012 · Bank of America Gen'l Ckg	685.78
					Wage Works Direct Debits - Dec. 2012	1012 · Bank of America Gen'l Ckg	685.78
					Wage Works Direct Debits - Dec. 2012	1012 · Bank of America Gen'l Ckg	685.78
					Wage Works Direct Debits - Dec. 2012	1012 · Bank of America Gen'l Ckg	76.25
TOTAL							2,133.59
						<b>Total Disbursements:</b>	<b>335,675.85</b>



# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

**DATE:** February 28, 2013  
**TO:** Board Members  
**SUBJECT:** VISA Check Detail Report – Financial Report B2 (December 31, 2012)

### SUMMARY

**Issue** – Record of VISA credit card payment disbursed for the month of December 2012.

**Recommendation** – Staff recommends the VISA Check Detail Report for December 2012 be received and filed as presented.

**Fiscal Impact** – Funds disbursed were included in the FY 2012-2013 Watermaster Budget.

### BACKGROUND

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

### DISCUSSION

Total cash disbursement during the month of December 2012 was \$613.48. This payment was processed by check number 16549 dated December 19, 2012. The monthly charges for December 2012 were for routine and customary expenditures and properly documented with receipts.

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### ACTIONS:

February 14, 2013 Appropriative Pool – Unanimously moved to approve  
February 14, 2013 Non-Agricultural Pool – Moved unanimously to receive and file  
February 14, 2013 Agricultural Pool – Unanimously moved to approve  
February 21, 2013 Advisory Committee – Unanimously moved to approve  
February 28, 2013 Watermaster Board –

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CHINO BASIN WATERMASTER  
 VISA Check Detail Report  
 December 2012

Type	Num	Date	Name	Memo	Account	Paid Amount
Bill Pmt -Check	12/19/2012	16549	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	11/30/2012	XXXX-XXXX-XXXX-9341		Paper towels for restrooms	6031.7 · Other Office Supplies	147.39
				Survey Monkey basic service	6061.4 · Other Contract Services	300.00
				PK meetings with Rick Hansen & John Schatz	8312 · Meeting Expenses	50.12
				Gas for field truck	6175 · Vehicle Fuel	78.90
				PK meeting w/ Geoff Vanden Heuvel	6312 · Meeting Expenses	37.07
TOTAL					<b>Total Disbursements:</b>	<b>613.48</b>

P23

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

**DATE:** February 28, 2013

**TO:** Board Members

**SUBJECT:** Combining Schedule of Revenue, Expenses and Changes in Working Capital for the Period July 1, 2012 through December 31, 2012 - Financial Report B3 (December 31, 2012)

### SUMMARY

**Issue** – Record of Revenue, Expenses and Changes in Working Capital for the Period July 1, 2012 through December 31, 2012.

**Recommendation** – Staff recommends the Combining Schedule of Revenue, Expenses and Changes in Working Capital for the Period July 1, 2012 through December 31, 2012 be received and filed as presented.

**Fiscal Impact** – Funds disbursed were included in the FY 2012-2013 Watermaster Budget.

### BACKGROUND

A Combining Schedule of Revenue, Expenses and Changes in Working Capital for the period July 1, 2012 through December 31, 2012 is provided to keep all members apprised of the FY 2012/2013 cumulative Watermaster revenues, expenditures and changes in working capital for the period listed.

### DISCUSSION

The Combining Schedule of Revenue, Expenses and Changes in Working Capital have been created from various financial reports and statements created from QuickBooks Enterprise Solutions 13.0, the Watermaster accounting system. The Combining Schedule provided balances to the supporting documentation in the Watermaster accounting system as presented.

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### ACTIONS:

February 14, 2013 Appropriative Pool – Unanimously moved to approve  
February 14, 2013 Non-Agricultural Pool – Moved unanimously to receive and file  
February 14, 2013 Agricultural Pool – Unanimously moved to approve  
February 21, 2013 Advisory Committee – Unanimously moved to approve  
February 28, 2013 Watermaster Board –

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CHINO BASIN WATERMASTER  
 COMBINING SCHEDULE OF REVENUE, EXPENSES AND CHANGES IN WORKING CAPITAL  
 FOR THE PERIOD JULY 1, 2012 THROUGH DECEMBER 31, 2012

Financial Report - B3

	WATERMASTER ADMINISTRATION	OPTIMUM BASIN MANAGEMENT	POOL ADMINISTRATION & SPECIAL PROJECTS			GROUNDWATER OPERATIONS		EDUCATION FUNDS	GRAND TOTALS	BUDGET 2012-2013
			APPROPRIATIVE POOL	AG POOL	NON-AG POOL	GROUNDWATER REPLENISHMENT	SB222 FUNDS			
<b>Administrative Revenues:</b>										
Administrative Assessments			6,329,126		283,393				6,612,519	\$6,612,663
Interest Revenue			6,854	807	205			0	7,866	39,600
Mutual Agency Project Revenue	151,550								151,550	152,938
Grant Income									-	0
Miscellaneous Income	21,710								21,710	0
<b>Total Revenues</b>	<b>173,260</b>	<b>-</b>	<b>6,335,981</b>	<b>807</b>	<b>283,598</b>	<b>-</b>	<b>-</b>	<b>0</b>	<b>6,793,646</b>	<b>6,805,201</b>
<b>Administrative &amp; Project Expenditures:</b>										
Watermaster Administration	468,489								468,489	428,643
Watermaster Board-Advisory Committee	74,289								74,289	197,279
Ag Pool Misc. Expense - Ag Fund				-					-	400
Pool Administration			74,562	59,044	48,997				182,602	597,959
Optimum Basin Mgmt Administration		567,807							567,807	1,209,186
OBMP Project Costs		1,266,854							1,266,854	4,020,806
Debt Service		504,688							504,688	501,055
Basin Recharge Improvements		17,000							17,000	272,829
Education Funds Use								-	-	257
Mutual Agency Project Costs									-	10,000
<b>Total Administrative/OBMP Expenses</b>	<b>542,778</b>	<b>2,356,349</b>	<b>74,562</b>	<b>59,044</b>	<b>48,997</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,081,729</b>	<b>7,238,413</b>
<b>Net Administrative/OBMP Expenses</b>	<b>(369,517)</b>	<b>(2,356,349)</b>								
Allocate Net Admin Expenses To Pools	<u>369,517</u>		248,228	107,477	13,812				-	-
Allocate Net OBMP Expenses To Pools		<u>1,851,661</u>	1,243,879	538,568	69,214				-	-
Allocate Debt Service to App Pool		<u>504,688</u>	504,688						-	-
Agricultural Expense Transfer*			705,089	(705,089)					-	-
<b>Total Expenses</b>			<b>2,776,446</b>	<b>-</b>	<b>132,023</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,081,729</b>	<b>7,238,413</b>
<b>Net Administrative Income</b>			<b>3,559,535</b>	<b>807</b>	<b>151,575</b>	<b>-</b>	<b>-</b>	<b>0</b>	<b>3,711,917.09</b>	<b>(433,212)</b>
<b>Other Income/(Expense)</b>										
Replenishment Water Assessments			625,202		22,789				647,991	0
Non-Ag Stored Water Purchases			1,786,217						1,786,217	0
Interest Revenue						23			23	0
MWD Water Purchases									-	0
Non-Ag Stored Water Purchases									-	0
MWD Water Purchases									-	0
Groundwater Replenishment									-	0
Refund-Excess Reserves			(764,137)		(24,510)				(788,647)	0
Refund-Recharge Debt									-	0
<b>Net Other Income/(Expense)</b>			<b>1,647,282</b>	<b>-</b>	<b>(1,721)</b>	<b>23</b>	<b>-</b>	<b>-</b>	<b>1,645,584</b>	<b>0</b>
<b>Net Transfers To/(From) Reserves</b>		<b>5,357,501</b>	<b>5,206,816</b>	<b>807</b>	<b>149,854</b>	<b>23</b>	<b>-</b>	<b>0</b>	<b>5,357,501</b>	<b>(433,212)</b>
Working Capital, July 1, 2012			4,984,619	477,493	133,837	24,627	158,251	256	5,779,084	
Working Capital, End Of Period			10,191,435	478,300	283,692	24,651	158,251	257	11,136,585	11,136,585
<b>11/12 Assessable Production</b>			<b>79,342,533</b>	<b>34,353,325</b>	<b>4,414,887</b>				<b>118,110,745</b>	
<b>11/12 Production Percentages</b>			<b>67.176%</b>	<b>29.088%</b>	<b>3.738%</b>				<b>100.000%</b>	

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

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# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

**DATE:** February 28, 2013

**TO:** Board Members

**SUBJECT:** Treasurer's Report of Financial Affairs for the Period December 1, 2012 through December 31, 2012 - Financial Report B4 (December 31, 2012)

### SUMMARY

**Issue** – Record of increases or decreases in the cash position, assets and liabilities of Watermaster for the Period of December 1, 2012 through December 31, 2012.

**Recommendation** – Staff recommends the Treasurer's Report of Financial Affairs for the Period December 1, 2012 through December 31, 2012 be received and filed as presented.

**Fiscal Impact** – Funds disbursed were included in the FY 2012-2013 Watermaster Budget.

### BACKGROUND

A Treasurer's Report of Financial Affairs for the Period December 1, 2012 through December 31, 2012 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 QuickBooks Enterprise Solutions 13.0, 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.

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### ACTIONS:

February 14, 2013 Appropriative Pool – Unanimously moved to approve  
February 14, 2013 Non-Agricultural Pool – Moved unanimously to receive and file  
February 14, 2013 Agricultural Pool – Unanimously moved to approve  
February 21, 2013 Advisory Committee – Unanimously moved to approve  
February 28, 2013 Watermaster Board –

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**CHINO BASIN WATERMASTER  
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD  
DECEMBER 1 THROUGH DECEMBER 31, 2012**

Financial Report - B4

**DEPOSITORIES:**

Cash on Hand - Petty Cash		\$	500
Bank of America			
Governmental Checking-Demand Deposits	\$	198,139	
Zero Balance Account - Payroll	\$	-	198,139
Local Agency Investment Fund - Sacramento			10,076,778
<b>TOTAL CASH IN BANKS AND ON HAND</b>	<b>12/31/2012</b>		<b>\$ 10,275,417</b>
<b>TOTAL CASH IN BANKS AND ON HAND</b>	<b>11/30/2012</b>		<b>3,564,937</b>
<b>PERIOD INCREASE (DECREASE)</b>			<b>\$ 6,710,479</b>

**CHANGE IN CASH POSITION DUE TO:**

Decrease/(Increase) in Assets: Accounts Receivable		\$	(3,574)
Assessments Receivable			5,733,869
Prepaid Expenses, Deposits & Other Current Assets			1,305,110
(Decrease)/Increase in Liabilities: Accounts Payable			(16,274)
Accrued Payroll, Payroll Taxes & Other Current Liabilities			6,285
Transfer to/(from) Reserves			(314,938)
<b>PERIOD INCREASE (DECREASE)</b>			<b>\$ 6,710,479</b>

**SUMMARY OF FINANCIAL TRANSACTIONS:**

	Petty Cash	Govt'l Checking Demand	Zero Balance Account Payroll	Local Agency Investment Funds	Totals
Balances as of 11/30/2012	\$ 500	\$ 437,660	\$ -	\$ 3,126,778	\$ 3,564,937
Deposits	-	7,046,155	-	6,950,000	13,996,155
Transfers	-	(7,000,916)	50,916	-	(6,950,000)
Withdrawals/Checks	-	(284,760)	(50,916)	-	(335,676)
<b>Balances as of 12/31/2012</b>	<b>\$ 500</b>	<b>\$ 198,139</b>	<b>\$ -</b>	<b>\$ 10,076,778</b>	<b>\$ 10,275,417</b>
<b>PERIOD INCREASE OR (DECREASE)</b>	<b>\$ -</b>	<b>\$ (239,521)</b>	<b>\$ -</b>	<b>\$ 6,950,000</b>	<b>\$ 6,710,479</b>

P31

**CHINO BASIN WATERMASTER  
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD  
DECEMBER 1 THROUGH DECEMBER 31, 2012**

Financial Report - B4

**INVESTMENT TRANSACTIONS**

Effective Date	Transaction	Depository	Activity	Redeemed	Days to Maturity	Interest Rate(*)	Maturity Yield
12/10/2012	Deposit	L.A.I.F	\$ 600,000				
12/13/2012	Deposit	L.A.I.F	\$ 1,000,000				
12/18/2012	Deposit	L.A.I.F	\$ 950,000				
12/21/2012	Deposit	L.A.I.F	\$ 2,300,000				
12/26/2012	Deposit	L.A.I.F	\$ 2,100,000				
<b>TOTAL INVESTMENT TRANSACTIONS</b>			<b>\$ 6,950,000</b>	<b>-</b>			

\* The earnings rate for L.A.I.F. is a daily variable rate; 0.32% was the effective yield rate at the Quarter ended December 31, 2012.

**INVESTMENT STATUS  
December 31, 2012**

<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	\$ 10,076,778			
<b>TOTAL INVESTMENTS</b>	<b>\$ 10,076,778</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

P32



# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

**DATE:** February 28, 2013  
**TO:** Board Members  
**SUBJECT:** Budget vs. Actual Report for the Period July 1, 2012 through December 31, 2012 - Financial Report - B5 (December 31, 2012)

### SUMMARY

**Issue** – Record of revenues and expenses of Watermaster for the Period of July 1, 2012 through December 31, 2012.

**Recommendation** – Staff recommends the Budget vs. Actual Report for the Period July 1, 2012 through December 31, 2012 be received and filed as presented.

**Fiscal Impact** – Funds disbursed were included in the FY 2012-2013 Watermaster Budget.

### BACKGROUND:

A Budget vs. Actual Report for the period July 1, 2012 through December 31, 2012 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; Optimal Basin Management Program Expenses; Project Expenses; and Other Income/Expenses.

### DISCUSSION:

The Budget vs. Actual report has been created from QuickBooks Enterprise Solutions 13.0, 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.

As part of the development for the Mid-Year Review, there are Budget Transfers proposed for the upcoming months. Overall, the approved expense budget for FY 2012-2013 of \$7,238,413.48 (which includes the additional "Carry Over" funding of \$433,212.48) will NOT be increased. The Budget Transfer form (T-13-02-01) is a zero-based document, which means the reductions and additions within the general ledger accounts equal.

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### ACTIONS:

February 14, 2013 Appropriative Pool – Unanimously moved to approve  
February 14, 2013 Non-Agricultural Pool – Moved unanimously to receive and file  
February 14, 2013 Agricultural Pool – Unanimously moved to approve  
February 21, 2013 Advisory Committee – Unanimously moved to approve  
February 28, 2013 Watermaster Board –

Year-To-Date (YTD) for the six months ending December 31, 2012, all but three categories were at or below the projected budget. Overall, the (YTD) Actual Expenses were \$1,131,859 or 26.9% below the (YTD) Budgeted Expenses of \$4,213,588. The three categories above budget were the Watermaster Legal Services (6070's) over budget by the amount of \$8,173; Appropriative Pool Administration Expenses (8300's) over budget by the amount of \$7,323; and the Groundwater Quality Monitoring Expenses (7103's) over budget by the amount of \$5,285. All three expense categories which were over budget were the direct result of increased activities and allocating the budget in equal 1/12 portions throughout the fiscal year. The Year-To-Date expenses in these categories are running ahead of budget and should level off as the fiscal year progresses. At the current time, a Budget Transfer request is not scheduled for this month, but might be part of any proposed Mid-Year Review or other adjustments in the upcoming months.

The chart listed below summarized the Year-To-Date (YTD) Actual Watermaster salary costs 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. As of December 31, 2012, the total (YTD) Watermaster salary expenses are \$161,007 or 20.8% below the (YTD) budgeted amount of \$773,830. The following details are provided:

	Jul '12 - Dec '12	Budget	\$ Over Budget	% of Budget	Annual Budget
<b>WM Salary Expense</b>					
6011 · WM Staff Salaries	243,471.59	233,059.07	10,412.52	104.47%	462,560.00
6011.2 · WM Staff - Admin. Paid Leave	2,380.75	0.00	2,380.75	100.0%	0.00
6201 · Advisory Committee - WM Staff Salaries	5,862.53	11,053.00	-5,190.47	53.04%	22,105.00
6301 · Watermaster Board - WM Staff Salaries	9,630.49	15,552.00	-5,921.51	61.92%	31,104.00
8301 · Appropriative Pool - WM Staff Salaries	9,483.71	14,752.50	-5,268.79	64.29%	29,505.00
8401 · Agricultural Pool - WM Staff Salaries	9,975.23	12,965.02	-2,989.79	76.94%	25,930.00
8501 · Non-Agricultural Pool - WM Staff Salaries	6,266.61	7,357.50	-1,090.89	85.17%	14,715.00
6901 · OBMP - WM Staff Salaries	110,115.71	112,277.02	-2,161.31	98.08%	224,554.00
7101.1 · Production Monitor - WM Staff Salaries	25,924.83	53,997.98	-28,073.15	48.01%	107,996.00
7102.1 · In-line Meter - WM Staff Salaries	1,504.08	5,268.52	-3,764.44	28.55%	10,537.00
7103.1 · Grdwater Quality - WM Staff Salaries	22,777.37	30,032.02	-7,254.65	75.84%	60,064.00
7104.1 · Grdwater Level - WM Staff Salaries	23,145.25	45,288.52	-22,143.27	51.11%	90,577.00
7105.1 · Sur Wtr Qual - WM Staff Salaries	0.00	1,559.02	-1,559.02	0.0%	3,118.00
7107.1 · Grd Level Monitoring - WM Staff Salaries	0.00	840.00	-840.00	0.0%	1,680.00
7108.1 · Hydraulic Control - WM Staff Salaries	4,840.98	3,741.52	1,099.46	129.39%	7,483.00
7201 · Comp Recharge - WM Staff Salaries	22,874.02	65,625.00	-42,750.98	34.86%	131,250.00
7301 · PE3&5 - WM Staff Salaries	1,523.79	19,325.48	-17,801.69	7.89%	38,651.00
7401 · PE4 - WM Staff Salaries	214.73	6,344.02	-6,129.29	3.39%	12,688.00
7501.1 · PE 6&7 - WM Staff Salaries (Plume)	2,754.38	12,000.00	-9,245.62	22.95%	24,000.00
7501 · PE6&7 - WM Staff Salaries	1,295.11	3,761.48	-2,466.37	34.43%	7,523.00
7601 · PE8&9 - WM Staff Salaries	2,159.88	23,469.98	-21,310.10	9.2%	46,940.00
7701 · Inactive Well - WM Staff Salaries	0.00	210.00	-210.00	0.0%	420.00
<b>Subtotal WM Staff Costs</b>	<b>506,201.04</b>	<b>678,479.65</b>	<b>-172,278.61</b>	<b>74.61%</b>	<b>1,353,400.00</b>
60185 · Vacation	47,579.33	36,448.98	11,130.35	130.54%	52,898.00
60186 · Sick Leave	26,393.91	27,160.50	-766.59	97.18%	42,321.00
60187 · Holidays	32,648.25	31,740.75	907.50	102.86%	42,321.00
<b>Subtotal WM Paid Leaves</b>	<b>106,621.49</b>	<b>95,350.23</b>	<b>11,271.26</b>	<b>111.82%</b>	<b>137,540.00</b>
<b>Total WM Salary Costs</b>	<b>612,822.53</b>	<b>773,829.88</b>	<b>-161,007.35</b>	<b>79.19%</b>	<b>1,490,940.00</b>

The chart listed below summarizes the Brownstein Hyatt Farber Schreck (BHFS) expenses as of December 31, 2012 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. As of December 31, 2012, the BHFS expenses are \$25,576 or 7.1% below the (YTD) budgeted amount of \$362,190. As approved during the July 2012 meetings, the Pools, Advisory Committee and the Board meeting for the month of August were not held. As a result, the related meeting expenses from (BHFS) are lower than budgeted. For the month of December, there were some individual line items that were over the budgeted amount, but overall the BHFS expenses were on target with the overall legal budget. The following details are provided:

	Jul '12 - Dec '12	Budget	\$ Over Budget	% of Budget	Annual Budget
<b>6070 · Watermaster Legal Services</b>					
6071 · BHFS Legal - Court Coordination	21,737.56	17,975.02	3,762.54	120.93%	35,950.00
6072 · BHFS Legal - Annotated Judgment	15,849.00	38,000.01	-22,151.01	41.71%	57,000.00
6073 · BHFS Legal - Personnel Matters	10,747.35	7,625.00	3,122.35	140.95%	7,625.00
6074 · BHFS Legal - Interagency Issues	15,840.00	21,960.00	-6,120.00	72.13%	43,920.00
6075 · BHFS Legal - Replenishmnt Water	0.00	0.00	0.00	0.0%	0.00
6076 · BHFS Legal - Storage Issues	6,642.00	0.00	6,642.00	100.0%	0.00
6078 · BHFS Legal - Miscellaneous (Note 1)	38,492.47	15,575.02	22,917.45	247.14%	31,150.00
<b>Total 6070 · Watermaster Legal Services</b>	<b>109,308.38</b>	<b>101,135.05</b>	<b>8,173.33</b>	<b>108.08%</b>	<b>175,645.00</b>
6275 · BHFS Legal - Advisory Committee	12,675.08	14,640.00	-1,964.92	86.58%	29,280.00
6375 · BHFS Legal - Board Meeting	29,059.36	42,120.00	-13,060.64	68.99%	84,240.00
8375 · BHFS Legal - Appropriative Pool	25,631.99	14,640.00	10,991.99	175.08%	29,280.00
8475 · BHFS Legal - Agricultural Pool	11,495.27	14,640.00	-3,144.73	78.52%	29,280.00
8575 · BHFS Legal - Non-Ag Pool	14,217.43	14,640.00	-422.57	97.11%	29,280.00
8575.1 · BHFS Legal - Paragraph 15 CSI/Aqua	10,072.88	0.00	10,072.88	100.0%	0.00
<b>Total BHFS Legal Services</b>	<b>103,152.01</b>	<b>100,680.00</b>	<b>2,472.01</b>	<b>102.46%</b>	<b>201,360.00</b>
<b>6907.3 · WM Legal Counsel</b>					
6907.30 · Peace II - CEQA	1,071.00	0.00	1,071.00	100.0%	0.00
6907.31 · South Archibald Plume	0.00	15,900.00	-15,900.00	0.0%	31,800.00
6907.32 · Chino Airport Plume	0.00	15,900.00	-15,900.00	0.0%	31,800.00
6907.33 · Desalter/Hydraulic Control	42,698.19	25,050.00	17,648.19	170.45%	50,100.00
6907.34 · Santa Ana River Water Rights	10,208.70	16,625.02	-6,416.32	61.41%	33,250.00
6907.35 · Paragraph 31 Motion	20,911.72	17,800.00	3,111.72	117.48%	17,800.00
6907.36 · Santa Ana River Habitat	4,351.40	10,575.00	-6,223.60	41.15%	21,150.00
6907.37 · Water Auction	0.00	0.00	0.00	0.0%	0.00
6907.38 · Reg. Water Quality Cntrl Board	0.00	5,975.02	-5,975.02	0.0%	11,950.00
6907.39 · Recharge Master Plan	37,639.59	22,250.02	15,389.57	169.17%	44,500.00
6907.40 · Storage Agreements	7,119.88	8,900.02	-1,780.14	80.0%	17,800.00
6907.41 · Prado Basin Habitat Sustainability	153.00	8,900.02	-8,747.02	1.72%	17,800.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	12,500.02	-12,500.02	0.0%	25,000.00
<b>Total 6907 · WM Legal Counsel</b>	<b>124,153.48</b>	<b>160,375.12</b>	<b>-36,221.64</b>	<b>77.41%</b>	<b>302,950.00</b>
<b>Total Brownstein, Hyatt, Farber, Schreck Costs</b>	<b>336,613.87</b>	<b>362,190.17</b>	<b>-25,576.30</b>	<b>92.94%</b>	<b>679,955.00</b>

Note 1: The types of legal activities that have been charged against the "Miscellaneous" legal category account 6078 are as follows: (1) Discussions with the new General Manager regarding Watermaster issues and topics; (2) Assessment Package Review, Workshops; (3) Research Pool Membership issues; (4) Research Watermaster Peace I and II Obligations and Task Lists; (5) Review OBMP Milestones; (6) Stormwater and New Yield; (7) Annual Financial Audit Response; (8) Review Consulting Agreement(s); (9) Coordination of Ongoing Watermaster Projects; (10) Review of draft documents; and (11) Preparation of Documents for the Refresh, Recharge and Reunite Session in March 2013.

**OBMP Engineering Services and Legal Costs:**

For December 31, 2012, the 6900 (Optimum Basin Mgmt Program) section was below the Year-To-Date (YTD) budget by \$14,364 or 5.3%. Within the category 6900 (Optimum Basin Mgmt Program) 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 \$37,221 while some other line item activities were below the budget \$73,442. Above the budget line items were the Peace II CEQA of \$1,071; the Desalter/Hydraulic Control of \$17,648; the Paragraph 31 Motion of \$3,112; and the Recharge Master Plan of \$15,390. The individual legal projects/activities that were below budget for the Year-To-Date (YTD) period were the South Archibald Plume of \$15,900; the Chino Airport Plume of \$15,900; the Santa Ana River Water Rights of \$6,416; the Santa Ana River Habitat of \$6,224; the Regional Water Quality Control Board of \$5,975; Storage Agreements of \$1,780; Prado Basin Habitat Sustainability of \$8,747; and Unanticipated Legal Expenses of \$12,500. For the six months ended December 31, 2012, the overall cumulative (YTD) budget was \$160,375 and the actual (BHFS) legal expenses totaled \$124,153 which resulted in an under budget variance of \$36,222 or 22.6%.

The chart listed below summarizes the Optimum Basin Management Program (OBMP) expenses as of December 31, 2012 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. Overall, the Optimum Basin Management Program (OBMP) category was \$506,165 compared to a (YTD) budget of \$560,751 for an under budget of \$54,586 or 9.7% as of December 31, 2012.

	Jul '12 - Dec '12	Budget	\$ Over Budget	% of Budget	Annual Budget
<b>6900 - Optimum Basin Mgmt Plan</b>					
6901 - WM Staff Salaries	110,115.71	112,277.02	-2,161.31	98.08%	224,554.00
6902.31 - OBMP - Wildermuth Staff	3,085.40	0.00	3,085.40	100.0%	0.00
6903 - OBMP SAWPA Group	10,593.00	11,000.00	-407.00	96.3%	11,000.00
<b>6906 - OBMP Engineering Services</b>					
6906.1 - OBMP - Watermaster Model Update	73,576.00	99,828.00	-26,252.00	73.7%	99,828.00
6906.8 - OBMP - Reports	140.00	0.00	140.00	100.0%	0.00
6906 - OBMP Engineering Services - Other	184,018.35	172,270.50	11,747.85	106.82%	344,541.00
<b>Total 6906 - OBMP Engineering Services</b>	<b>257,734.35</b>	<b>272,098.50</b>	<b>-14,364.15</b>	<b>94.72%</b>	<b>444,369.00</b>
<b>6907 - OBMP Legal Fees</b>					
<b>6907.3 - WM Legal Counsel</b>					
6907.30 - Peace II - CEQA	1,071.00	0.00	1,071.00	100.0%	0.00
6907.31 - South Archibald Plume	0.00	15,900.00	-15,900.00	0.0%	31,800.00
6907.32 - Chino Airport Plume	0.00	15,900.00	-15,900.00	0.0%	31,800.00
6907.33 - Desalter/Hydraulic Control	42,698.19	25,050.00	17,648.19	170.45%	50,100.00
6907.34 - Santa Ana River Water Rights	10,208.70	16,625.02	-6,416.32	61.41%	33,250.00
6907.35 - Paragraph 31 Motion	20,911.72	17,800.00	3,111.72	117.48%	17,800.00
6907.36 - Santa Ana River Habitat	4,351.40	10,575.00	-6,223.60	41.15%	21,150.00
6907.37 - Water Auction	0.00	0.00	0.00	0.0%	0.00
6907.38 - Reg. Water Quality Cntrl Board	0.00	5,975.02	-5,975.02	0.0%	11,950.00
6907.39 - Recharge Master Plan	37,639.59	22,250.02	15,389.57	169.17%	44,500.00
6907.40 - Storage Agreements	7,119.88	8,900.02	-1,780.14	80.0%	17,800.00
6907.41 - Prado Basin Habitat Sustainability	153.00	8,900.02	-8,747.02	1.72%	17,800.00
6907.90 - WM Legal Counsel - Unanticipated	0.00	12,500.02	-12,500.02	0.0%	25,000.00
<b>Total 6907 - WM Legal Counsel</b>	<b>124,153.48</b>	<b>160,375.12</b>	<b>-36,221.64</b>	<b>77.41%</b>	<b>302,950.00</b>
<b>Total 6907 - OBMP Legal Fees</b>	<b>124,153.48</b>	<b>160,375.12</b>	<b>-36,221.64</b>	<b>77.41%</b>	<b>302,950.00</b>
<b>6909 - OBMP Other Expenses</b>					
6909.1 - OBMP Meetings	483.20	0.00	483.20	100.0%	0.00
6909.3 - Other OBMP Expenses	0.00	0.00	0.00	0.0%	1,977.00
6909.4 - Printing	0.00	0.00	0.00	0.0%	0.00
6909.5 - Ad Hoc Litigation Committee	0.00	0.00	0.00	0.0%	0.00
6909.6 - OBMP Expenses - Miscellaneous	0.00	5,000.02	-5,000.02	0.0%	10,000.00
<b>Total 6909 - OBMP Other Expenses</b>	<b>483.20</b>	<b>5,000.02</b>	<b>-4,516.82</b>	<b>9.66%</b>	<b>11,977.00</b>
<b>Total 6900 - Optimum Basin Mgmt Plan</b>	<b>506,165.14</b>	<b>560,750.66</b>	<b>-54,585.52</b>	<b>90.27%</b>	<b>994,850.00</b>

**OBMP Implementation Projects Costs:**

The OBMP Implementation Projects (accounts 7100's – 7700's) were (Under) budget as of December 31, 2012 with the exception of the Groundwater Quality Monitoring category (7103's) which was over budget by the amount of \$5,285. The over budget category was a direct result of increased activities and allocating the budget in equal 1/12 portions throughout the fiscal year. The Year-To-Date expense in this category was slightly ahead of budget and should level off as the fiscal year progresses. A Budget Transfer request might required later in the fiscal year if this trend continues.

The chart 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. 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. As of December 31, 2012, the total (YTD) Engineering expenses are \$211,590 or 19.5% below the (YTD) budget amount of \$1,085,905. The following details are provided:

	Jul '11 - Dec '12	Budget	\$ Over Budget	% of Budget	Annual Budget
6906 · OBMP Engineering Services - Other	184,018.35	172,270.50	11,747.85	106.82%	344,541.00
6906.1 · OBMP - Watermaster Model Update	73,576.00	99,828.00	-26,252.00	73.7%	99,828.00
6906.8 · OBMP - Reports	140.00	0.00	140.00	100.0%	0.00
7101.31 · Prod Monitor-Engineering-SubContractor	6,354.19	0.00	6,354.19	100.0%	0.00
7103.3 · Grdwtr Qual-Engineering	34,411.25	33,528.00	883.25	102.63%	67,056.00
7103.31 · Grdwtr Qual-Engineering-SubContractor	11,387.67	0.00	11,387.67	100.0%	0.00
7103.5 · Grdwtr Qual-Lab Svcs	18,258.00	19,284.00	-1,026.00	94.68%	38,568.00
7104.3 · Grdwtr Level-Engineering	79,917.41	96,198.00	-16,280.59	83.08%	192,396.00
7104.8 · Grdwtr Level-Contracted Serv	0.00	5,000.02	-5,000.02	0.0%	10,000.00
7104.9 · Grdwtr Level-Capital Equip	0.00	6,962.50	-6,962.50	0.0%	13,925.00
7107.2 · Grd Level-Engineering	102,515.45	96,134.52	6,380.93	106.64%	167,769.00
7107.3 · Grd Level-SAR Imagery	14,000.00	45,000.00	-31,000.00	31.11%	90,000.00
7107.6 · Grd Level-Contract Svcs	0.00	61,650.02	-61,650.02	0.0%	122,300.00
7107.61 · Grd Level-Chino Hills ASR	15,727.00	75,252.98	-59,525.98	20.9%	150,506.00
7107.8 · Grd Level-Cap Equip Exte	0.00	12,523.00	-12,523.00	0.0%	20,546.00
7108.3 · Hydraulic Control-Engineering	62,481.71	65,759.02	-3,277.31	95.02%	131,518.00
7108.4 · Hydraulic Control-Lab Svcs	70,797.00	33,830.48	36,966.52	209.27%	67,661.00
7108.7 · Hydraulic Control-PradoBasin Habitat	73,168.09	108,856.23	-35,688.14	67.22%	208,856.25
7108.9 · Hydraulic Control-Contract Svcs	0.00	2,250.00	-2,250.00	0.0%	4,500.00
7109.3 · Recharge & Well - Engineering	0.00	10,770.00	-10,770.00	0.0%	21,540.00
7202.3 · Comp Recharge-Implementation	89,655.44	50,007.98	39,647.46	179.28%	100,016.00
7303 · PE3&5-Engineering - Other	13,292.00	15,171.98	-1,879.98	87.61%	30,344.00
7402 · PE4-Engineering	16,066.34	26,031.00	-9,964.66	61.72%	52,062.00
7403 · PE4-Contract Svcs	0.00	7,500.00	-7,500.00	0.0%	15,000.00
7502 · PE6&7-Engineering	1,463.89	33,888.28	-32,424.39	4.32%	61,822.30
7502.1 · PE6&7-Engineering Svcs (Plume)	7,070.67	0.00	7,070.67	100.0%	0.00
7504 · PE6&7-Contract Svcs	14.24	2,544.00	-2,529.76	0.56%	5,088.00
7602 · PE8&9-Engineering	0.00	5,664.00	-5,664.00	0.0%	11,328.00
<b>Total Wildermuth Environmental, Inc. Costs</b>	<b>874,314.70</b>	<b>1,085,904.51</b>	<b>-211,589.81</b>	<b>80.52%</b>	<b>2,027,170.55</b> *

\* Wildermuth and Subcontractor Engineering Budget of \$1,982,360 plus Carryover Funds from FY 2011/12 of \$44,810.55 = \$2,027,170.55  
Carryover Funds FY 2011/12 = \$24,500.00 (7107.2), \$1,000.00 (7107.6), \$4,500.00 (7107.8), \$8,856.25 (7108.7) and \$5,954.30 (7502) = \$44,810.55

As noted above, \$44,810.55 has been "Carried Over" from FY 2011/12 per the Watermaster policy 4.17 which was approved during FY 2011/12. These amounts, along with any other "Carried Over" expenses were not included in the Assessment process billed and completed in November 2012 because these dollar amounts were previously funded from last year's Assessment process.

The total Engineering Services budget of \$2,027,171 includes direct labor costs for Wildermuth Environmental, Inc. (69%) along with other direct charges such as equipment rental, laboratory fees, travel costs, reproduction costs, and outside professional services (31%).

**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 HC. 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. This is a 50/50 cost sharing agreement between Watermaster and IEUA with a not to exceed amount of \$220,000 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, it is not yet known if any will be received.

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 2012 to December 2012:

	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 - Dec. 2012	\$ 73,168.09	\$ (36,584.05)		\$ 36,584.05	37.00	\$ 3,972.11
<b>Totals</b>	<b>\$ 84,311.84</b>	<b>\$ (42,155.92)</b>	<b>\$ -</b>	<b>\$ 42,155.92</b>	<b>41.00</b>	<b>\$ 4,383.49</b>

**Other Income and Expense:**

In March 2012, the initial payment of \$295,200 (which included a 10% contingency) was issued to the Chino Basin Desalter Authority for work related to the Chino Creek Well Field extensometer project. In October, Watermaster was notified by the Project Administrator that the extensometer project was completed and a refund in the amount of \$21,710 was due to Watermaster. Watermaster received the funds of \$21,710 on October 23, 2012 and deposited the funds into our Bank of America bank account. The funds were recorded as Miscellaneous Income, category (4900).

As of December 31, 2012 the 2<sup>nd</sup> quarter LAIF interest income of \$3,613.94 was recorded to the Watermaster financial reports. The interest income on funds invested at LAIF is as follows:

- 1<sup>st</sup> Quarter (July 2012 - September 2012): \$4,275.69
- 2<sup>nd</sup> Quarter (October 2012 - December 2012): \$3,613.94

There were no other significant items to report within the category of Other Income and Expenses for the month of December 31, 2012.

**“Carry Over” Funding:**

With the approval of the new “Carry Over” funding policy on March 22, 2012, there were amounts of \$433,212.48 carried over into the current fiscal year budget (FY 2012/13) as follows:

<b>“Carried Over” Expenses At June 30, 2012</b>	
Verizon VoIP Equipment, Installation	\$ 1,500.00
GM Search Expenses - Balance of Contract	\$ 9,000.00
Wildermuth Project Expenses	\$ 44,810.55
Chino Hills ASR Project	\$ 104,977.00
Recharge Improvement Projects	\$ 272,829.00
Appropriative Pool Legal Services Fund Balance	\$ 95.93
<b>Total Balance, June 30, 2012</b>	<b>\$ 433,212.48</b>
<b>“Carried Over” Balance, July 1, 2012</b>	<b>\$ 433,212.48</b>
<b>Less: (Invoices Received To Date FY 2012/13)</b>	
GM Search Expenses - Balance of Contract	\$ (9,000.00)
Wildermuth Project Expenses	\$ (44,810.55)
Appropriative Pool Legal Services Fund Balance	\$ (95.93)
Recharge Project - Turner Basin Invoice from IEUA	\$ (17,000.00)
<b>Updated Balance as of December 31, 2012</b>	<b>\$ 362,306.00</b>

Watermaster carried over \$272,829 in the Recharge Improvements Project categories. The amount of \$162,236 has been appropriated for use for the upcoming 3-year Turner Basin Improvements (7690.2), estimated in the range of \$270K+. The amount of \$30,900 has been appropriated for the Hickory Basin improvement project (7690.3) while the remaining amount of \$79,693 has been appropriated for Other Recharge Improvement Projects (7690.9).

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, 2013, any remaining balances of the FY 2011/12 expenses (if any), along with any new FY 2012/13 expenses, will then be “Carried Over” into the FY 2013/14 budget. During the audit fieldwork, there were discussions with the Charles Z. Fedak & Company senior auditor and Watermaster staff regarding the proper accounting treatment of the “Carried Over” funding process. The senior auditor has approved and concurs with the current accounting treatment and process for recording the “Carried Over” funding.

With the exceptions previously noted, there were no other unusual or significant transactions or events which occurred during the month of December 2012.

**Audit Field Work:**

Auditors from the audit firm of Charles Z. Fedak & Company were previously onsite at the Watermaster offices on July 16<sup>th</sup> and 17<sup>th</sup> to conduct scheduled field work for the FY 2011/2012 financial audit. Final field work was completed during the week of October 5<sup>th</sup> with the Annual Financial and Audit Reports issued on December 20, 2012. The presentation of the “Draft” Annual Financial and Audit Reports to the Board by the Senior Manager of Charles Z. Fedak & Company was completed on December 20, 2012. The “Final” Annual Financial and Audit Reports have been posted to the Watermaster website.

The final report to Watermaster staff from the Senior Manager revealed no operational or internal control issues or concerns. Watermaster was issued an "Unqualified" or "Clean" audit report. There was an adjusting entry regards to GASB No. 27 which deals with Accounting for Pensions by State and Local Government Employers. As a direct result of the ongoing pension discussions and public scrutiny within California, the auditors have been ensuring that all of their public agency/government clients are following GASB No. 27. According to the Summary of Statement No. 27, "Employers that participate in *cost sharing multiple employer defined pension plans* are required to recognize pension expenditures/expense equal to the employer's contractually required contributions and a liability for unpaid contributions".

Since Watermaster has less than 100 active members/employees, Watermaster is required by CalPERS to participate in a risk pool. Watermaster currently is a member of the "Miscellaneous 2.5% at 55 Risk Pool". There are approximately 163 governmental agencies participating as part of this risk pool. Some of the public agencies who are currently participants of this pool are the Association of California Water Agencies, City of Lake Elsinore, Crestline Village Water District, Lake Arrowhead Community Services District, Monte Vista County Water District, and Rancho Cucamonga Fire Protection District, just to name a few.

According to CalPERS, "At the time of joining a risk pool, a side fund is created to account for the difference between the funded status of the pool and the funded status of your plan". According to recent information from CalPERS, Watermaster's Side Fund is currently \$122,863. CalPERS calculates the interest due and principal reduction each year and reduces the Side Fund balance. Watermaster staff has received a current amortization schedule from CalPERS for the outstanding liability amount to determine if the estimated balance of \$122,863 should be paid off in full to reduce current and future interest expense. The auditors have recommended, and Watermaster staff has complied, to record the outstanding liability of \$122,863 on the Balance Sheet for the CalPERS Side Fund. The previous audit firm of Mayer Hoffman McCann did not require Watermaster to record this entry on the Balance Sheet.

As part of the upcoming budget process, Watermaster staff will bring to the Pools, Advisory Committee and Board, a staff recommendation which will include the options available for the CalPERS Side Fund of \$122,863, including one option which would be payoff the current balance in FY 2013/14 or earlier.

**UPDATE: Assessment Invoicing:**

The Watermaster Board approved the Assessment Package at the November 15, 2012 meeting. Watermaster staff created and emailed the Assessment invoices on Wednesday, November 21, 2012. The Assessment invoices were due 30 days from invoice date, so payment should have been received by Watermaster on or before December 21, 2012, prior to the Holiday office closure. At the time of this report being issued, ALL payments have been received and posted.

This year's Assessment invoicing included the standard Assessment amounts per the Assessment Package, along with any Special Assessments and the "Excess Cash Reserve" refund credits of \$788,647. The Appropriative Pool had a Special Assessment of \$75,000 as approved during their "Closed Session" on September 13, 2012. The \$75,000 was allocated to the Appropriative Pool members based upon a formula of 50% of the FY 2011/12 "Averaged Production & Exchanges" and 50% of the "Assigned Share of Operating Safe Yield.

On Friday, November 30, 2012, the Watermaster staff created and emailed the Assessment invoicing to the Appropriative Pool members for the Non-Agricultural Pool Stored Water Purchase. The Assessment invoices were due 30 days from invoice date, so payment should have been received by Watermaster on or before December 31, 2012. At the time of this report being issued, ALL payments have been received and posted.

Per the terms of the Settlement Agreement, the 4<sup>th</sup> of five annual payments to the Non-Agricultural Pool members for the Stored Water Purchase were to be issued on or before January 15, 2013. The nine checks totaling \$2,289,275.69 were mailed on January 10, 2013.

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# CHINO BASIN WATERMASTER

## II. BUSINESS ITEM

### A. WATERMASTER MID-YEAR REVIEW AND BUDGET TRANSFERS





# CHINO BASIN WATERMASTER

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

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

**DATE:** February 28, 2013  
**TO:** Board Members  
**SUBJECT:** Mid-Year Review of FY 2012/2013 and Budget Transfers

### SUMMARY

**Issue** – Mid-Year Review of the Watermaster revenues and expenses for the period of July 1, 2012 through December 31, 2012, along with the accompanying Budget Transfer request between Watermaster accounts.

**Recommendation** – (1) Staff recommends the Mid-Year Review Report for the period of July 1, 2012 through December 31, 2012 be received and filed as presented. (2) Staff recommends approval of the Budget Transfer Form T-13-02-01 as presented.

**Financial Impact** – The Budget Transfer is a reallocation of approved budgeted funds and has no financial impact on the FY 2012/2013 budget.

### BACKGROUND

Each month, a Budget vs. Actual Report is provided to the Pools, Advisory Committee and Board. This report provides a detailed description and analysis of the monthly Watermaster financials and accounts or activities, if any, that are projected to be under or over budget. The Budget vs. Actual report has been created from QuickBooks Enterprise Solutions 13.0, the Watermaster accounting system. The Budget vs. Actual report balances to the supporting documentation in the Watermaster accounting system, as well as the supporting bank statements. The report titled "Budget vs. Actual Report for the Period July 1, 2012 through December 31, 2012 - Financial Report - B5" can be found in the Consent Calendar, Section B, Report 5. This report (B-5) is provided as support and is the basis of the information discussed in the Mid-Year Report. A Mid-Year Review for the period July 1, 2012 through December 31, 2012 is provided to keep all members apprised of the actual and projected total expenses for the current fiscal year. It also provides a process for reallocating budget to other expense categories to provide continued funding, or amending the approved budget to ensure the categories are funded properly.

### BUDGET TRANSFERS:

The Chino Basin Watermaster budget has four main budget categories:

- General & Administrative Expenses
- Optimal Basin Management Program Expenses
- Project Expenditures
- Other Income/Expenses

The Watermaster General Manager has authority to transfer funds within the main budget categories up to \$25,000 without Board approval. However, to allow for full transparency in the process, the Pools, Advisory Committee, and the Board will be informed of all budget transfers less than \$25,000.

According to policy No. 4.10.3(b), Budget Transfers greater than \$25,000 *within the same categories* must be formally approved by the Pools, the Advisory Committee, and the Board.

If there are insufficient funds within same category, the Watermaster General Manager may propose a transfer from one main category to another. All budget transfers from one main category to another, regardless of the amount, require approval by the Pools, the Advisory Committee, and the Board.

All budget transfers are processed and recorded in the QuickBooks Enterprise Solutions 13.0 accounting system.

#### BUDGET AMENDMENT:

If there are no budgeted funds available to transfer to the line item, the Watermaster General Manager will submit a Budget Amendment request to the Pools, Advisory Committee, and then the Board for approval.

All Budget Amendments will be presented to the Pools, Advisory Committee, and the Board for formal approval. Budget Amendments should indicate the anticipated source of funding for the approved increase.

All Budget Amendments are processed and recorded in the QuickBooks Enterprise Solutions 13.0 accounting system.

#### **DISCUSSION**

##### UNBUDGETED REVENUE:

In March 2012, the initial payment of \$295,200 (which included a 10% contingency) was issued to the Chino Basin Desalter Authority for work related to the Chino Creek Well Field extensometer project. In October 2012, Watermaster was notified by the Project Administrator that the extensometer project was completed and a refund in the amount of \$21,710 was due to Watermaster. Watermaster received the funds of \$21,710 on October 23, 2012 and deposited the funds into our Bank of America bank account. The funds were recorded as Miscellaneous Income, category (4900). This revenue item was not included in the FY 2012/2013 budget and this payment is a refund of prior year expenses. The amount of \$21,710 can be used to offset any unexpected administrative, OBMP or project expenses which may occur in the current fiscal year.

##### SALARY EXPENSES:

The Watermaster approved budget for FY 2012/2013 provided for the salaries budget of \$1,490,940 which was allocated to various GL accounts based upon projected work activities (i.e. Watermaster Administrative, Pool Meetings, OBMP, Various Projects, etc.). The chart listed below summarized the Year-To-Date (YTD) Actual Watermaster salary costs 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. As of December 31, 2012, the total (YTD) Watermaster salary expenses are \$161,007 or 20.8% below the (YTD) Budgeted amount of \$773,830. The following details are provided:

	Jul '12 - Dec '12	Budget	\$ Over Budget	% of Budget	Annual Budget
<b>WM Salary Expense</b>					
6011 · WM Staff Salaries	243,471.59	233,059.07	10,412.52	104.47%	462,560.00
6011.2 · WM Staff - Admin. Paid Leave	2,380.75	0.00	2,380.75	100.0%	0.00
6201 · Advisory Committee - WM Staff Salaries	5,862.53	11,053.00	-5,190.47	53.04%	22,105.00
6301 · Watermaster Board - WM Staff Salaries	9,630.49	15,552.00	-5,921.51	61.92%	31,104.00
8301 · Appropriative Pool - WM Staff Salaries	9,483.71	14,752.50	-5,268.79	64.29%	29,505.00
8401 · Agricultural Pool - WM Staff Salaries	9,975.23	12,965.02	-2,989.79	76.94%	25,930.00
8501 · Non-Agricultural Pool - WM Staff Salaries	6,266.61	7,357.50	-1,090.89	85.17%	14,715.00
6901 · OBMP - WM Staff Salaries	110,115.71	112,277.02	-2,161.31	98.08%	224,554.00
7101.1 · Production Monitor - WM Staff Salaries	25,924.83	53,997.98	-28,073.15	48.01%	107,996.00
7102.1 · In-line Meter - WM Staff Salaries	1,504.08	5,268.52	-3,764.44	28.55%	10,537.00
7103.1 · Grdwater Quality - WM Staff Salaries	22,777.37	30,032.02	-7,254.65	75.84%	60,064.00
7104.1 · Grdwater Level - WM Staff Salaries	23,145.25	45,288.52	-22,143.27	51.11%	90,577.00
7105.1 · Sur Wtr Qual - WM Staff Salaries	0.00	1,559.02	-1,559.02	0.0%	3,118.00
7107.1 · Grd Level Monitoring - WM Staff Salaries	0.00	840.00	-840.00	0.0%	1,680.00
7108.1 · Hydraulic Control - WM Staff Salaries	4,840.98	3,741.52	1,099.46	129.39%	7,483.00
7201 · Comp Recharge - WM Staff Salaries	22,874.02	65,625.00	-42,750.98	34.86%	131,250.00
7301 · PE3&5 - WM Staff Salaries	1,523.79	19,325.48	-17,801.69	7.89%	38,651.00
7401 · PE4 - WM Staff Salaries	214.73	6,344.02	-6,129.29	3.39%	12,688.00
7501.1 · PE 6&7 - WM Staff Salaries (Plume)	2,754.38	12,000.00	-9,245.62	22.95%	24,000.00
7501 · PE6&7 - WM Staff Salaries	1,295.11	3,761.48	-2,466.37	34.43%	7,523.00
7601 · PE8&9 - WM Staff Salaries	2,159.88	23,469.98	-21,310.10	9.2%	46,940.00
7701 · Inactive Well - WM Staff Salaries	0.00	210.00	-210.00	0.0%	420.00
<b>Subtotal WM Staff Costs</b>	<b>506,201.04</b>	<b>678,479.65</b>	<b>-172,278.61</b>	<b>74.61%</b>	<b>1,353,400.00</b>
60185 · Vacation	47,579.33	36,448.98	11,130.35	130.54%	52,898.00
60186 · Sick Leave	26,393.91	27,160.50	-766.59	97.18%	42,321.00
60187 · Holidays	32,648.25	31,740.75	907.50	102.86%	42,321.00
<b>Subtotal WM Paid Leaves</b>	<b>106,621.49</b>	<b>95,350.23</b>	<b>11,271.26</b>	<b>111.82%</b>	<b>137,540.00</b>
<b>Total WM Salary Costs</b>	<b>612,822.53</b>	<b>773,829.88</b>	<b>-161,007.35</b>	<b>79.19%</b>	<b>1,490,940.00</b>

Going forward, the Watermaster salaries expense will continue to be under budget, although the variance between budget and actual expenses will become smaller in magnitude. The approved budget of \$1,490,940 provided for two positions which were not filled during the first half of the fiscal year (Field Specialist and Office Specialist/Receptionist). The Office Specialist/Receptionist was filled in late January 2013 and the Field Specialist position is planned for March or April 2013. There was also a two month budget variance/timing difference for the months of July and August 2012 because the new GM started in September 2012.

ENGINEERING (WILDERMUTH ENVIRONMENTAL AND OTHER):

Wildermuth Environmental, Inc. Estimated Cost at Completion (ECAC) report (see Table 1 below), details the line by line categories and calculates a small reserve of funds/under budget variance of \$41,935 within the (WEI) budget for the OBMP and Project related expenses. Please note that the overall Engineering "Original Budget" for FY 2012/2013 was \$1,982,360 and increased to \$2,027,171 for the "Revised Budget" as a result of \$44,811 of Carry-Over Funds. The amount of \$44,811 has been "Carried Over" from FY 2011/12 per the Watermaster Policy 4.17 which was approved during FY 2011/12. These

amounts, along with any other "Carried Over" expenses were not included in the Assessment process billed and completed in November 2012 because these dollar amounts were previously funded from last year's Assessment process. The "Revised Budget" amount of \$2,027,171 is not being increased or decreased at mid-year; the amounts are just being re-allocated between accounts. The total Engineering Services budget of \$2,027,171 includes direct labor costs for Wildermuth Environmental, Inc. (69%) along with other direct charges such as equipment rental, laboratory fees, travel costs, reproduction costs, and outside professional services (31%).

**Table 1**  
**Chino Basin Watermaster: Invoice Projections for Engineering Tasks for Fiscal Year 2012/13**  
**As of December 31, 2012**

Acct #	Description	Original Budget	Revised Budget	Billed Jul-12	Billed Aug-12	Billed Sep-12	Billed Oct-12	Billed Nov-12	Billed Dec-12	Projected Jan-13
6906	OBMP Engineering	\$ 444,369	\$ 444,369	\$ 27,288	\$ 82,672	\$ 37,796	\$ 50,713	\$ 23,887	\$ 35,239	\$ 30,100
7103.3	Groundwater Quality Monitoring Program	105,624	105,624	7,899	13,489	18,211	4,346	7,912	4,945	9,648
7104.3	Groundwater Level Monitoring Program	216,321	216,321	6,841	18,154	20,686	10,034	11,268	12,935	19,910
7107	MZ1 Monitoring Program	521,121	551,121	36,776	35,983	17,493	15,586	13,568	9,175	5,900
7108	Hydraulic Control Monitoring Program	403,679	412,535	23,451	47,180	61,215	33,266	26,702	5,790	17,937
7109	Recharge and Well Monitoring Program	21,540	21,540	-	-	-	-	-	-	-
7202	Comprehensive Recharge Plan	100,016	100,016	13,424	12,699	22,127	10,800	17,300	13,306	28,900
7303	Engineering Support for Desalters	30,344	30,344	12,315	-	-	978	-	-	-
7402	Management Zone Strategies	67,062	67,062	310	4,521	2,320	4,378	771	3,766	10,400
7502	Water Quality Committee	55,868	61,823	7,071	1,141	323	-	-	-	-
7504	PE6-7: Supplies	5,088	5,088	-	-	-	-	-	-	-
7602	Storage Program General Consulting	11,328	11,328	-	-	-	-	-	-	-
<b>Totals</b>		<b>\$ 1,982,360</b>	<b>\$ 2,027,171</b>	<b>\$ 135,374</b>	<b>\$ 215,839</b>	<b>\$ 180,171</b>	<b>\$ 130,100</b>	<b>\$ 101,407</b>	<b>\$ 85,155</b>	<b>\$ 122,795</b>

Acct #	Description	Projected Feb-13	Projected Mar-13	Projected Apr-13	Projected May-13	Projected Jun-13	Total Projected	Under / (Over) Rev. Budget	YTD % Billed Rev. Budget	Projected % Rev. Budget
6906	OBMP Engineering	\$ 49,826	\$ 44,826	\$ 36,826	\$ 34,826	\$ 34,826	488,824	(44,455)	58%	110%
7103.3	Groundwater Quality Monitoring Program	16,785	15,050	3,000	2,000	2,100	105,384	240	54%	100%
7104.3	Groundwater Level Monitoring Program	16,650	17,665	13,900	11,630	21,725	181,397	34,924	37%	84%
7107	MZ1 Monitoring Program	54,800	28,803	91,825	26,100	184,602	520,611	30,510	23%	94%
7108	Hydraulic Control Monitoring Program	11,075	21,400	77,992	23,011	20,000	369,019	43,516	48%	89%
7109	Recharge and Well Monitoring Program	-	2,000	-	2,000	-	4,000	17,540	0%	19%
7202	Comprehensive Recharge Plan	18,300	18,300	18,300	18,300	18,300	210,055	(110,039)	90%	210%
7303	Engineering Support for Desalters	8,526	8,526	-	-	-	30,344	-	44%	100%
7402	Management Zone Strategies	13,760	9,210	11,210	5,710	710	67,066	(4)	24%	100%
7502	Water Quality Committee	-	-	-	-	-	8,535	53,288	14%	14%
7504	PE6-7: Supplies	-	-	-	-	-	-	5,088	0%	0%
7602	Storage Program General Consulting	-	-	-	-	-	-	11,328	0%	0%
<b>Totals</b>		<b>\$ 189,722</b>	<b>\$ 166,780</b>	<b>\$ 253,053</b>	<b>\$ 123,577</b>	<b>\$ 282,263</b>	<b>\$ 1,985,236</b>	<b>\$ 41,935</b>	<b>42%</b>	<b>98%</b>

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

Wildermuth Environmental, Inc. has provided a narrative description of the "Progress and Estimated Cost at Completion for the Period July 1, 2012 through December 31, 2012" which are attachments found on pages 10 through 25.

The table below summarizes the Year-To-Date (YTD) Actual Engineering (WEI and Other Engineering and Subcontractor) costs 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. As of December 31, 2012, the total (YTD) Engineering expenses are \$211,590 or 19.5% below the (YTD) budget amount of \$1,085,905. The following details are provided:

	Jul '12 - Dec '12	Budget	\$ Over Budget	% of Budget	Annual Budget
6906 · OBMP Engineering Services - Other	184,018.35	172,270.50	11,747.85	106.82%	344,541.00
6906.1 · OBMP - Watermaster Model Update	73,576.00	99,828.00	-26,252.00	73.7%	99,828.00
6906.8 · OBMP - Reports	140.00	0.00	140.00	100.0%	0.00
7101.31 · Prod Monitor-Engineering-SubContractor	6,354.19	0.00	6,354.19	100.0%	0.00
7103.3 · Grdwtr Qual-Engineering	34,411.25	33,528.00	883.25	102.63%	67,056.00
7103.31 · Grdwtr Qual-Engineering-SubContractor	11,387.67	0.00	11,387.67	100.0%	0.00
7103.5 · Grdwtr Qual-Lab Svcs	18,258.00	19,284.00	-1,026.00	94.68%	38,568.00
7104.3 · Grdwtr Level-Engineering	79,917.41	96,198.00	-16,280.59	83.08%	192,396.00
7104.8 · Grdwtr Level-Contracted Serv	0.00	5,000.02	-5,000.02	0.0%	10,000.00
7104.9 · Grdwtr Level-Capital Equip	0.00	6,962.50	-6,962.50	0.0%	13,925.00
7107.2 · Grd Level-Engineering	102,515.45	96,134.52	6,380.93	106.64%	167,769.00
7107.3 · Grd Level-SAR Imagery	14,000.00	45,000.00	-31,000.00	31.11%	90,000.00
7107.6 · Grd Level-Contract Svcs	0.00	61,650.02	-61,650.02	0.0%	122,300.00
7107.61 · Grd Level-Chino Hills ASR	15,727.00	75,252.98	-59,525.98	20.9%	150,506.00
7107.8 · Grd Level-Cap Equip Exte	0.00	12,523.00	-12,523.00	0.0%	20,546.00
7108.3 · Hydraulic Control-Engineering	62,481.71	65,759.02	-3,277.31	95.02%	131,518.00
7108.4 · Hydraulic Control-Lab Svcs	70,797.00	33,830.48	36,966.52	209.27%	67,661.00
7108.7 · Hydraulic Control-PradoBasin Habitat	73,168.09	108,856.23	-35,688.14	67.22%	208,856.25
7108.9 · Hydraulic Control-Contract Svcs	0.00	2,250.00	-2,250.00	0.0%	4,500.00
7109.3 · Recharge & Well - Engineering	0.00	10,770.00	-10,770.00	0.0%	21,540.00
7202.3 · Comp Recharge-Implementation	89,655.44	50,007.98	39,647.46	179.28%	100,016.00
7303 · PE3&5-Engineering - Other	13,292.00	15,171.98	-1,879.98	87.61%	30,344.00
7402 · PE4-Engineering	16,066.34	26,031.00	-9,964.66	61.72%	52,062.00
7403 · PE4-Contract Svcs	0.00	7,500.00	-7,500.00	0.0%	15,000.00
7502 · PE6&7-Engineering	1,463.89	33,888.28	-32,424.39	4.32%	61,822.30
7502.1 · PE6&7-Engineering Svcs (Plume)	7,070.67	0.00	7,070.67	100.0%	0.00
7504 · PE6&7-Contract Svcs	14.24	2,544.00	-2,529.76	0.56%	5,088.00
7602 · PE8&9-Engineering	0.00	5,664.00	-5,664.00	0.0%	11,328.00
<b>Total Wildermuth Environmental, Inc. Costs</b>	<b>874,314.70</b>	<b>1,085,904.51</b>	<b>-211,589.81</b>	<b>80.52%</b>	<b>2,027,170.55 *</b>

\* Wildermuth and Subcontractor Engineering Budget of \$1,982,360 plus Carryover Funds from FY 2011/12 of \$44,810.55 = \$2,027,170.55  
 Carryover Funds FY 2011/12 = \$24,500.00 (7107.2), \$1,000.00 (7107.6), \$4,500.00 (7107.8), \$8,856.25 (7108.7) and \$5,954.30 (7502) = \$44,810.55

LEGAL EXPENSES:

A review of the Brownstein Hyatt Farber Schreck (BHFS) legal expenses as of December 31, 2012 shows that the legal costs are under budget by \$25,576 or 7.1% when consolidated. The BHFS legal services budget was originally developed by estimating the hours required to complete a specific project multiplied by the hourly rate of the attorney(s) performing the function. The BHFS legal services are categorized into three distinctive expense categories. The first category is the Watermaster Legal Services (account series 6070's) which captures General and Administrative type Watermaster legal expenses. The second category (accounts 6275, 6375, 8375, 8475 and 8575) captures the legal services directly related to the Pools, Advisory Committee and Board meetings and their specific business activities. The third category (6907's) captures the BHFS legal services directly related to OBMP/Project activities (i.e. South Archibald Plume, Desalter/Hydraulic Control, Recharge Master Plan, Prado Basin Habitat, etc.).

The majority of the legal budget has been allocated at 1/12<sup>th</sup> of the total line item budget per month. However, there were several legal budget items that were not allocated on a 1/12<sup>th</sup> monthly formula but budgeted to occur within the first half of the fiscal year. These items budgeted within the first six months were the Personnel Matters (6073) and the Paragraph 31 Motion Issues (6907.35). The Personnel Matters were costs associated with the hiring of the new General Manager and the Paragraph 31 costs were associated with the final settlement agreement.

For the first six months, there were some budgeted categories that were under the budgeted amounts and some other budget categories that were over the budgeted amounts. There were also some legal line items that were budgeted for, but had no activity during the first six-months (i.e. South Archibald Plume, Chino Airport Plume, Regional Water Quality Control Board and Unanticipated). And the reverse, line items that had no budget, but due to unforeseen actions, had activity during the period (i.e. Storage Issues, Paragraph 15 CSI/Aqua Capital and Peace II-CEQA).

Projecting the legal services expense forward to June 30, 2013, if we take into account the past expenses/issues that are not expected to continue into the next half of the fiscal year, and project ongoing any new issues for the upcoming six months, we can estimate that the year-end legal budget will be under the approved budget of \$679,955 by a range of approximately \$3,295 or 0.5%.

Estimated Costs at Year End (using 1 <sup>st</sup> half actual x 2):	\$ 673,228
Less:	
Costs Not Anticipated For 2 <sup>nd</sup> Half:	
BHFS Legal - Personnel Matter (6073):	(\$ 10,747)
BHFS Legal - Storage Issues (6076):	(\$ 6,642)
BHFS Legal - Paragraph 15 CSI/Aqua (8575.1):	(\$ 10,073)
Santa Ana River Water Rights (6907.34):	(\$ 10,000)
Desalter/Hydraulic Control (6907.33):	(\$ 35,296)
Paragraph 31 Motion (6907.35):	(\$ 20,912)
Santa Ana River Habitat (6907.36):	(\$ 10,000)
Prado Basin Habitat Sustainability (6907.41):	(\$ 10,000)
Add:	
Increased Costs For 2 <sup>nd</sup> Half:	
Annotated Judgement (6072):	\$ 25,302
Refresh, Recharge and Reunite (6078.1):	\$ 25,000 *
Chino Airport Plume (6907.32):	\$ 31,800
Recharge Master Plan Update Amendment (6907.39):	\$ 10,000 *
Allocate Unanticipated (6907.90):	<u>\$ 25,000</u>
Projected Legal Expenses at June 30, 2013:	<u>\$ 676,660</u>

\* Based upon the anticipated breakdown of additional hours for the Refresh, Recharge and Reunite (RRR) activity and the Recharge Master Plan Update (RMPU), it is projected that approximately 60 additional hours will be needed for the RRR activity and 30 additional hours will be needed for the RMPU Amendment activity.

It is recommended that the "Approved" BHFS legal services budget of \$679,955 not be increased or decreased at the current time, but be reallocated within the legal services categories to reflect current trends and anticipated future expenses.

The table below summarizes the BHFS expenses as of December 31, 2012 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. As of December 31, 2012, the BHFS expenses are \$25,576 or 7.1% below the (YTD) budgeted amount of \$362,190.

	Jul '12 - Dec '12	Budget	\$ Over Budget	% of Budget	Annual Budget
<b>6070 · Watermaster Legal Services</b>					
6071 · BHFS Legal - Court Coordination	21,737.56	17,975.02	3,762.54	120.93%	35,950.00
6072 · BHFS Legal - Annotated Judgment	15,849.00	38,000.01	-22,151.01	41.71%	57,000.00
6073 · BHFS Legal - Personnel Matters	10,747.35	7,625.00	3,122.35	140.95%	7,625.00
6074 · BHFS Legal - Interagency Issues	15,840.00	21,960.00	-6,120.00	72.13%	43,920.00
6075 · BHFS Legal - Replenishmnt Water	0.00	0.00	0.00	0.0%	0.00
6076 · BHFS Legal - Storage Issues	6,642.00	0.00	6,642.00	100.0%	0.00
6078 · BHFS Legal - Miscellaneous (Note 1)	38,492.47	15,575.02	22,917.45	247.14%	31,150.00
<b>Total 6070 · Watermaster Legal Services</b>	<b>109,308.38</b>	<b>101,135.05</b>	<b>8,173.33</b>	<b>108.08%</b>	<b>175,645.00</b>
6275 · BHFS Legal - Advisory Committee	12,675.08	14,640.00	-1,964.92	86.58%	29,280.00
6375 · BHFS Legal - Board Meeting	29,059.36	42,120.00	-13,060.64	68.99%	84,240.00
8375 · BHFS Legal - Appropriative Pool	25,631.99	14,640.00	10,991.99	175.08%	29,280.00
8475 · BHFS Legal - Agricultural Pool	11,495.27	14,640.00	-3,144.73	78.52%	29,280.00
8575 · BHFS Legal - Non-Ag Pool	14,217.43	14,640.00	-422.57	97.11%	29,280.00
8575.1 · BHFS Legal - Paragraph 15 CSI/Aqua	10,072.88	0.00	10,072.88	100.0%	0.00
<b>Total BHFS Legal Services</b>	<b>103,152.01</b>	<b>100,680.00</b>	<b>2,472.01</b>	<b>102.46%</b>	<b>201,360.00</b>
<b>6907.3 · WM Legal Counsel</b>					
6907.30 · Peace II - CEQA	1,071.00	0.00	1,071.00	100.0%	0.00
6907.31 · South Archibald Plume	0.00	15,900.00	-15,900.00	0.0%	31,800.00
6907.32 · Chino Airport Plume	0.00	15,900.00	-15,900.00	0.0%	31,800.00
6907.33 · Desalter/Hydraulic Control	42,698.19	25,050.00	17,648.19	170.45%	50,100.00
6907.34 · Santa Ana River Water Rights	10,208.70	16,625.02	-6,416.32	61.41%	33,250.00
6907.35 · Paragraph 31 Motion	20,911.72	17,800.00	3,111.72	117.48%	17,800.00
6907.36 · Santa Ana River Habitat	4,351.40	10,575.00	-6,223.60	41.15%	21,150.00
6907.37 · Water Auction	0.00	0.00	0.00	0.0%	0.00
6907.38 · Reg. Water Quality Cntrl Board	0.00	5,975.02	-5,975.02	0.0%	11,950.00
6907.39 · Recharge Master Plan	37,639.59	22,250.02	15,389.57	169.17%	44,500.00
6907.40 · Storage Agreements	7,119.88	8,900.02	-1,780.14	80.0%	17,800.00
6907.41 · Prado Basin Habitat Sustainability	153.00	8,900.02	-8,747.02	1.72%	17,800.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	12,500.02	-12,500.02	0.0%	25,000.00
<b>Total 6907 · WM Legal Counsel</b>	<b>124,153.48</b>	<b>160,375.12</b>	<b>-36,221.64</b>	<b>77.41%</b>	<b>302,950.00</b>
<b>Total Brownstein, Hyatt, Farber, Schreck Costs</b>	<b>336,613.87</b>	<b>362,190.17</b>	<b>-25,576.30</b>	<b>92.94%</b>	<b>679,955.00</b>

Note 1: The types of legal activities that have been charged against the "Miscellaneous" legal category account 6078 are as follows: (1) Discussions with the new General Manager regarding Watermaster issues and topics; (2) Assessment Package Review, Workshops; (3) Research Pool Membership issues; (4) Research Watermaster Peace I and II Obligations and Task Lists; (5) Review OBMP Milestones; (6) Stormwater and New Yield; (7) Annual Financial Audit Response; (8) Review Consulting Agreement(s); (9) Coordination of Ongoing Watermaster Projects;(10) Review of draft documents; and (11) Preparation of Documents for Refresh, Recharge and Reunite Session in March 2013.

"CARRY OVER" FUNDING:

With the approval of the new "Carry Over" funding policy on March 22, 2012, there were amounts of \$433,212.48 carried over into the current fiscal year budget (FY 2012/13) as follows:

<b>"Carried Over" Expenses At June 30, 2012</b>	
Verizon VoIP Equipment, Installation	\$ 1,500.00
GM Search Expenses - Balance of Contract	\$ 9,000.00
Wildermuth Project Expenses	\$ 44,810.55
Chino Hills ASR Project	\$ 104,977.00
Recharge Improvement Projects	\$ 272,829.00
Appropriative Pool Legal Services Fund Balance	\$ 95.93
<b>Total Balance, June 30, 2012</b>	<b>\$ 433,212.48</b>
<b>"Carried Over" Balance, July 1, 2012</b>	<b>\$ 433,212.48</b>
<b>Less: (Invoices Received To Date FY 2012/13)</b>	
GM Search Expenses - Balance of Contract	\$ (9,000.00)
Wildermuth Project Expenses	\$ (44,810.55)
Appropriative Pool Legal Services Fund Balance	\$ (95.93)
Recharge Project - Turner Basin Invoice from IEUA	\$ (17,000.00)
<b>Updated Balance as of December 31, 2012</b>	<b>\$ 362,306.00</b>

Watermaster carried over \$272,829 in the Recharge Improvements Project categories. The amount of \$162,236 has been appropriated for use for the upcoming three-year Turner Basin Improvements (7690.2), estimated in the range of \$270K+. The amount of \$30,900 has been appropriated for the Hickory Basin improvement project (7690.3) while the remaining amount of \$79,693 has been appropriated for Other Recharge Improvement Projects (7690.9).

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, 2013, any remaining balances of the FY 2011/12 expenses (if any), along with any new FY 2012/13 expenses, will then be "Carried Over" into the FY 2013/14 budget. During the audit fieldwork, there were discussions with the Charles Z. Fedak & Company senior auditor and Watermaster staff regarding the proper accounting treatment of the "Carried Over" funding process. The senior auditor has approved and concurs with the current accounting treatment and process for recording the "Carried Over" funding.

**BUDGET TRANSFER FORM:**

The attached form T-13-02-01 is provided as documentation to clearly show which general ledger accounts are being reduced and which general ledger accounts are being increased. Overall, the approved expense budget for FY 2012-2013 of \$7,238,413.48 (which includes the additional "Carry Over" funding of \$433,212.48) will NOT be increased. The form T-13-02-01 is a zero-based document, which means the reductions and additions within the general ledger accounts equal.



**CHINO BASIN WATERMASTER  
 BUDGET TRANSFERS**

**ATTACHMENT #T-13-02-01**

To: **All Parties**

# T-13-02-01

From: Joseph S. Joswiak, CFO Date: February 14, 2013

**Describe reason for the transfer between budget categories here:** To transfer funds to cover anticipated cost overages in accounts referenced below.

<b>Budgetary account reduction</b>		
<i>Line Item Description</i>	<i>Account Number</i>	<i>Amount</i>
Groundwater Quality - Engineering (WEI)	7103.3	\$ (240)
Groundwater Level - Engineering (WEI)	7104.3	\$ (34,924)
Ground Level - Engineering (WEI)	7107.2	\$ (30,510)
Hydraulic Control - Engineering (WEI)	7108.3	\$ (43,516)
Recharge & Well - Engineering (WEI)	7109.3	\$ (17,540)
PE 6&7 - Engineering (WEI)	7502	\$ (11,352)
PE 6&7 - Supplies (WEI)	7504	\$ (5,088)
PE 8&9 - Engineering (WEI)	7602	\$ (11,328)
BHFS Legal - Interagency Issues	6074	\$ (10,000)
BHFS - Santa Ana River Water Rights	6907.34	\$ (10,000)
BHFS - Santa Ana River Habitat	6907.36	\$ (10,000)
BHFS - Prado Basin Habitat Sustainability	6907.41	\$ (10,000)
BHFS Legal - Board Meetings	6375	\$ (20,000)
BHFS - WM Legal - Unanticipated	6907.9	\$ (25,000)
<b>Budgetary account addition</b>		
OBMP - Engineering Services (WEI)	6906	\$ 44,455
Comprehensive Recharge Plan (WEI)	7202	\$ 110,039
PE4 - Engineering (WEI)	7402	\$ 4
BHFS - Refresh, Recharge & Reunite	6078.1 <small>New GL Account</small>	\$ 25,000
BHFS - Recharge Master Plan Update	6907.39	\$ 10,000
BHFS Legal - Appropriative Pool	8375	\$ 20,000
BHFS Legal - Miscellaneous	6078	\$ 20,000
BHFS Legal - Paragraph 15 CSI/Aqua Capital	8575.1	\$ 10,000
		\$ -
		<small>Should be zero</small>

The following (16 pages) provide specific project related information from Wildermuth Environmental, Inc. to detail the ongoing activities and project status.

**Chino Basin Watermaster  
 Budget and Description of Engineering Tasks  
 Fiscal Year 2012/2013**

*Progress and Estimated Cost at Completion for the Period:  
 July 1, 2012 through December 31, 2012*

<b>6906 – Optimum Basin Management Program: General Engineering</b>
<b>Tasks</b>
<ul style="list-style-type: none"> <li>• Pool, Advisory, Watermaster Meetings</li> <li>• Other General Meetings as Requested</li> <li>• Evaluation of Transfers, Assessment of Supplemental Water Recharge</li> <li>• Miscellaneous Data Requests</li> <li>• Miscellaneous GM Requests</li> <li>• Water Rights Compliance Reporting</li> <li>• Project Management</li> <li>• Watermaster Model Update and Required Demonstrations</li> <li>• State of the Basin: Data Analysis and Prepare Exhibits</li> </ul>
<b>Milestones/Accomplishments</b>
<p><b>Pool, Advisory, Watermaster Meetings</b></p> <ul style="list-style-type: none"> <li>• Prepared for and attended selected monthly Pool, Advisory, Watermaster Meetings in the period July through December as follows: all October Pool, Advisory and Board meetings, November Advisory Committee and Board meeting, all December pool meetings.</li> </ul> <p><b>Other General Meetings as Requested</b></p> <ul style="list-style-type: none"> <li>• As directed by the General Manager, WEI staff attended: a coordination meeting with Watermaster staff at WEI office on September 4, WEI presented a Chino Basin 101 at the Watermaster on September 17, a follow up Chino Basin 101 meeting on October 9<sup>th</sup> and December 18 meeting following the EMPU meeting.</li> <li>• Participated in selected conference calls for agenda preparation Watermaster process meetings</li> </ul> <p><b>Material Physical Injury Requests, Others</b></p> <p><b>Miscellaneous Data Requests</b></p> <ul style="list-style-type: none"> <li>• Reviewed the Chino Basin Watermaster Semi-Annual Staff Report and provided suggested revisions.</li> <li>• Provided pictures and documentation of the Chino Creek Extensometer facility for Chino Basin Watermaster Semi-Annual Staff Report to the Assistant General Manager.</li> <li>• At the direction of the Assistant General Manager researched land use classifications used on maps of the Chino Basin and sent her a land use classification legend.</li> <li>• At the direction of the Assistant General Manager, participated in a conference call with Martin Rauch of Rauch Communication Consultant Inc., to provide information on the Watermaster Annual Report.</li> </ul> <p><b>Miscellaneous GM Requests</b></p> <ul style="list-style-type: none"> <li>• Conducted a review of Vulcan's recharge application, conducted research on the history of the Vulcan Pit and its site investigations, and prepared a potential MPI report and recommendation for the Watermaster</li> <li>• Prepared letter opinion on the adequacy of supplemental water recharge capacity</li> <li>• Conducted research and prepared letter report on the history of the Chino Airport plume</li> <li>• Revised Vulcan pit map for subsequent use in evaluating Vulcan's proposed recharge application</li> </ul>

**Chino Basin Watermaster**

**Fiscal Year 2012/2013**

**Progress and Estimated Cost at Completion for the Period: July 1, 2012 through December 31, 2012**

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- Developed cost opinions regarding future groundwater treatment cost

**Water Rights Compliance Reporting**

- Pursuant to Watermaster's Water Rights Permit 21225, WEI staff prepared and submitted the 2011/12 Annual Streamflow Monitoring Report that describes the impact of stormwater diversions by the Watermaster/IEUA on flow entering the Santa Ana River. The report is due each year to the State Board and the Department of Fish and Game on October 1st. WEI Submitted the draft Streamflow Monitoring Report to Watermaster's Assistant General Manager and General Counsel on September 17, 2012 and the final report on September 27, 2012.

**Project Management**

- Analyzed staffing requirements and made assignments for various tasks.
- Reviewed and approved MWH Laboratory invoices.
- Prepared the estimated cost at completion (ECAC) and Integrated Schedule and Budget reports.

**Watermaster Model Update and Required Demonstrations Project Management**

- Completed the calibration of the 2013 Watermaster model (Scenario 1)
- Met with several Appropriators to obtain and design pumping schedules for their wells for subsequent planning simulations
- Built the input files for the planning simulations to compute developed yield of the Basin (Scenario 2) and conducted test simulations

**State of the Basin: Data Analysis and Prepare Exhibits**

- Characterized water level conditions and trends in the Chino Basin to analyze the State of the Basin as of June 2012. This work included: preparing basin-wide groundwater elevation contours for spring 2012, preparing groundwater elevation contours for the HCMP area, making basin-wide change grids for 2000 to 2012, and 2010 to 2012 for Layer 1 of the aquifer system; and comparing historical groundwater levels with trends in production, recharge, and climate by OBMP management zone.
- Characterized water quality conditions and trends in the Chino Basin to analyze the State of the Basin as of June 2012. This work included: creating maps showing the spatial distribution of water quality constituents of concern; creating time-history plots of TDS and nitrate-nitrogen by OBMP management zone; compiling and analyzing TCE data to interpolate VOC plume delineation's.
- Prepared change in storage calculations for the Chino Basin using the groundwater elevation rasters to analyze the change in storage between Spring 2000 and Spring 2012, and Spring 2010 and Spring 2012.
- Compiled and analyzed production data for FY 2010/2011 and 2011/2012, and prepared exhibits showing production activities by pool, and historical to current trends in production.
- Compiled and analyzed recharge data for FY 2010/2011 and 2011/2012, and prepared exhibits showing historical to current trends in groundwater recharge.
- Characterized the hydrologic and climatic trends of the Chino Basin. This work included: the compilation of daily precipitation data from the San Bernardino County Flood Control District website for June 2010 through June 2012; preparing a double-mass curve analyses of precipitation in Chino Basins vs. storm water discharge at Prado Dam, and between Riverside Narrows and Prado Dam; and preparing a cumulative departure from the mean precipitation plot.
- Characterized ground-level data in the areas of subsidence concern in the Chino Basin. This work included: compiling electronic distance measurements at four benchmarks for June 2010 through June 2012 data; compiling ground-level survey InSAR data for January 2011 through June 2012; and preparing exhibits to demonstrate the state of subsidence in MZ1 and MZ2 where land subsidence is a concern.

**Chino Basin Watermaster** **Fiscal Year 2012/2013**  
**Progress and Estimated Cost at Completion for the Period: July 1, 2012 through December 31, 2012**

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- Prepared draft exhibits with text for the Introduction, General Hydrologic Conditions, Basin Production and Recharge, and Groundwater Levels sections of the 2012 Draft State of the Basin Atlas.

Budget	Billed	ECAC	Projected (Over)/Under
\$444,369	\$257,594	\$488,824	(\$44,455)

**Chino Basin Watermaster**

**Fiscal Year 2012/2013**

Progress and Estimated Cost at Completion for the Period: July 1, 2012 through December 31, 2012

<b>7103 – PEI: Groundwater Quality Monitoring Program</b>			
<b>Tasks</b>			
<p><i>Purpose: [Basin Plan and Max Benefit] Obtain groundwater quality information in and adjacent to Chino Basin. These data are required for the triennial ambient water quality update mandated by the Basin Plan and for the Hydraulic Control Monitoring Program – a maximum benefit requirement in the Basin Plan. The data are also used for the Biannual State of the Basin report and estimating influent water quality to desalter wells.</i></p>			
<ul style="list-style-type: none"> <li>• Obtain Groundwater Quality Data Routinely from about 900 Wells from All Appropriators and Cooperators in and Adjacent to Chino Basin. This represents about 120,000 records annually in Watermaster's database. Subtasks include:                             <ul style="list-style-type: none"> <li>• phone calls and meetings with water quality staff</li> <li>• uploading data from hardcopy, spreadsheet, and laboratory electronic data deliverables to Watermaster's database.</li> </ul> </li> <li>• Collect and Analyze Groundwater Quality Samples from About 50 Private Wells. Subtasks include:                             <ul style="list-style-type: none"> <li>• annual re-evaluation of the key well program due to abandoned and destroyed wells</li> <li>• selecting the wells to be sampled</li> <li>• coordinating and scheduling with Watermaster staff whom is performing the fieldwork, and with the analytical laboratory.</li> <li>• uploading field and laboratory data to Watermaster's database.</li> <li>• The field work follows the standard operating procedures (SOPs) and the Quality Assurance Project Plan (QAPP) defined in the 2004 HCMP Work Plan.</li> </ul> </li> </ul>			
<b>Milestones/Accomplishments</b>			
<ul style="list-style-type: none"> <li>• Collected, processed, and uploaded into the database January 2012 through June 2012 groundwater quality data from 24 appropriators and cooperators in and adjacent to Chino Basin to be used for the 2012 SOB Report, and the Triennial Update of the Ambient Water Quality as required by the Basin Plan.</li> <li>• Provided planning assistance to Watermaster staff for the 2012 Key Well Groundwater Quality Monitoring Program. Thirty-two groundwater quality samples were collected from September through December 2012 and sent to Eaton Analytical Laboratories.</li> <li>• Processed, uploaded into the database, and check for QA/QC all water quality data obtained from Eaton Analytical Laboratories for the 2012 Key Well Groundwater Quality Program for the 17 wells sampled from August 2012 through September 2012.</li> <li>• Processed, uploaded into the database, and check for QA/QC all field water quality parameters for the 17 wells sampled from August 2012 through September 2012 for the 2012 Key Well Groundwater Quality Program.</li> </ul>			
Budget	Billed	ECAC	Projected (Over)/Under
\$105,624	\$56,801	\$105,384	\$240

**Chino Basin Watermaster**

**Fiscal Year 2012/2013**

**Progress and Estimated Cost at Completion for the Period: July 1, 2012 through December 31, 2012**

<b>7104 – PEI: Groundwater Level Monitoring Program</b>			
<b>Tasks</b>			
<p><i>Purpose: [Basin Plan and Max Benefit] Obtain groundwater level information in and adjacent to Chino Basin. These data are required for the triennial ambient water quality update mandated by the Basin Plan and for the Hydraulic Control Monitoring Program – a maximum benefit requirement in the Basin Plan. The data are also used for the Biannual State of the Basin report and for the Chino Basin Groundwater Model.</i></p> <ul style="list-style-type: none"> <li>• Collect and Analyze Groundwater Level Measurements from About 191 Wells. Subtasks include:                             <ul style="list-style-type: none"> <li>• annual re-evaluation of the key well program due to abandoned and destroyed wells</li> <li>• scheduling the field work</li> <li>• performing the field work: manual measurements are collected monthly at 87 wells and transducer data is downloaded quarterly at 78 wells.</li> <li>• process, QC, and upload of manual water level measurements to Watermaster’s database</li> <li>• process, QC, and upload of transducer data to Watermaster’s database</li> <li>• field work follows the SOPs and the QAPP defined in the 2004 HCMP Work Plan.</li> </ul> </li> <li>• Routinely collect, process, QC, and upload water level measurements to Watermaster’s database that were compiled by CBWM staff from all Appropriators and Cooperators in and adjacent to Chino Basin.</li> <li>• Routinely collect, process, QC, and upload transducer data from about 26 wells that was downloaded in the field by CBWM staff.</li> <li>• Twice per year, submit all water level data measured at the 46 representative wells in the Chino Basin for the DWR’s Statewide Groundwater Elevation Monitor Program (CASGEM).</li> </ul>			
<b>Milestones/Accomplishments</b>			
<ul style="list-style-type: none"> <li>• Performed 457 groundwater level measurements at the 87 wells in the Monthly Groundwater Level Program.</li> <li>• Uploaded all 457 monthly measured water levels into the Watermaster database.</li> <li>• Reviewed and uploaded 482 manual water levels collected by appropriators in the Chino Basin for from July 2012 to September 2012.</li> <li>• Downloaded, processed, analyzed, uploaded to the database, and check for QA/QC, 2012 third quarter transducer data at 87 groundwater monitoring wells in July through September.</li> <li>• Downloaded, processed, analyzed, uploaded to the database, and check for QA/QC, 2012 fourth quarter transducer data at 87 groundwater monitoring wells in October through December.</li> <li>• Processed, analyzed, uploaded to the database, and check for QA/QC, transducer files for 21 wells downloaded by Watermaster staff for April through July 2012 data.</li> <li>• Processed, analyzed, uploaded to the database, and check for QA/QC, transducer files for 20 wells downloaded by Watermaster staff for July through October 2012 data.</li> <li>• Summited April through October 2012 water level data for the 46 wells in the CASGEM program for Chino Basin to the DWR’s online submittal system for CASGEM.</li> </ul>			
Budget	Billed	ECAC	Projected (Over)/Under
\$216,321	\$79,917	\$181,397	\$34,924

**Chino Basin Watermaster**

**Fiscal Year 2012/2013**

**Progress and Estimated Cost at Completion for the Period: July 1, 2012 through December 31, 2012**

<b>7107 – PEI: Ground Level Monitoring Program</b>	
<b>Tasks</b>	
<b>Purposes:</b>	<i>The first purpose is to verify the protective nature of the current MZI Plan with regard to permanent land subsidence and ground fissuring in the Managed Area. The second purpose is to develop information that will lead to a revised pumping and recharge plan to minimize the risk of future land subsidence and ground fissuring across all of MZI.</i>
<ul style="list-style-type: none"> <li>• <b>Setup and Maintenance of Monitoring Network. Subtasks include:</b> <ul style="list-style-type: none"> <li>• Perform monthly site visits to manually measure and record groundwater levels at piezometers and extensometer readings and collect and process data from backup pressure transducers.</li> <li>• Equipment maintenance at the Ayala Park and Chino Creek Extensometer facilities and across entire monitoring network</li> <li>• Calibrate, and maintain horizontal monitoring equipment across zone of historical ground fissures</li> </ul> </li> <li>• <b>Aquifer System Monitoring and Testing. Subtasks include:</b> <ul style="list-style-type: none"> <li>• Collect and organize groundwater-level and groundwater-production data from wells in MZI monitoring network</li> <li>• Conduct controlled aquifer-system stress testing and associated monitoring</li> <li>• Assist the City of Chino Hills with its aquifer injection test at Well CH-16, and to coordinate with the Department of Water Resources on Local Groundwater Assistant Grant reporting and administration</li> </ul> </li> <li>• <b>Aquifer System Monitoring and Testing – Outside Pro. Subtasks include:</b></li> <li>• <b>City of Chino Hill to conduct its aquifer injection test at Well CH-16, Ground Level Surveys. Subtasks include:</b> <ul style="list-style-type: none"> <li>• Subcontract and coordinate with Parsons Brinkerhoff (formerly Associated Engineers) to conduct the fall 2012 ground-level survey in Chino Creek Well Field Area, install and survey a benchmark and perform a Property Description at the Chino Creek Extensometer Facility, and conduct the spring 2013 EDM survey of the Fissure Zone in coordination with timing of the Long-Term Pumping Test.</li> </ul> </li> <li>• <b>Ground Level Surveys - Outside Pro. Subtasks include:</b> <ul style="list-style-type: none"> <li>• Conduct Fall 2012 ground-level survey across the Chino Creek Well Field Area</li> <li>• Install a benchmark at the Chino Creek Extensometer Facility and conduct a vertical survey of the benchmark.</li> <li>• Perform a Property Description of the Chino Creek Extensometer Property.</li> <li>• Conduct Spring 2012 survey and EDMs (horizontal monitoring) near the zone of historical fissuring</li> </ul> </li> <li>• <b>InSAR. Subtasks include:</b> <ul style="list-style-type: none"> <li>• Coordinate timing of InSAR subsidence monitoring data collection across western Chino Basin for 2012-13</li> </ul> </li> <li>• <b>InSAR – Outside Pro. Subtasks include:</b> <ul style="list-style-type: none"> <li>• Perform subsidence monitoring across western Chino Basin for 2012-13</li> </ul> </li> </ul>	
<b>Milestones/Accomplishments</b>	
<ul style="list-style-type: none"> <li>• Performed monthly routine maintenance and manual checking of water levels at the Ayala Park and Chino Creek Extensometer facilities.</li> <li>• Replaced five malfunctioning pressure transducers in the MZI network.</li> <li>• Repaired the malfunctioning pressure transducer in PC2 at Ayala Park.</li> </ul>	

**Chino Basin Watermaster**

**Fiscal Year 2012/2013**

Progress and Estimated Cost at Completion for the Period: July 1, 2012 through December 31, 2012

- Maintained a continuous internet connection to the Ayala Park Extensometer Facility to facilitate a "live" data read from the PA-7 piezometer on Watermaster's web site. Worked with contractors to troubleshoot and repair problems on occasions when that connection was interrupted.
- Installed, tested, and calibrated the monitoring equipment at the Chino Creek Extensometer Facility.
- Performed two quarterly downloads of data from the Ayala Park Extensometer Facility and the cable extensometers at the PC vault and the Chino Creek Well Field Facility. Post-processed, checked and cataloged extensometer and piezometer data to the MZI database. Prepared stress-strain diagrams of water levels at piezometers vs. extensometers.
- Performed two quarterly downloads of data from the pressure transducers in the MZI monitoring network of wells. Post-processed, checked and cataloged monitoring well groundwater level data to the MZI database. Uploaded extensometer data to the Watermaster database, and selected a representative groundwater level data set to upload to the HydroDaVE database.
- Performed fall 2012 ground-level survey across the Chino Creek Well Field.
- Performed benchmark survey and field work for the Property Description at the Chino Creek Extensometer Facility.
- Coordinate timing of InSAR subsidence monitoring data collection across western Chino Basin for 2012-13 and ordered InSAR data from the TerraSAR-X for 2012-13.
- Recorded fall 2012 InSAR data using the TerraSAR-X satellite system.
- Coordinated with DWR staff on status of AB3030 grant for aquifer injection pilot testing at well CH-16. Prepared two draft Quarterly Progress Reports to the Department of Water Resources. Worked with the City of Chino to finalize the reports.
- Prepared and submitted the draft Quarterly Progress Report and Invoice #4 and #5 for the aquifer injection pilot testing at well CH-16, to the City of Chino Hills and the DWR for review and comment.
- Corresponded with Tom Dodson and Associates to perform CEQA analysis on the CH-16 ASR rehabilitation and retrofit.
- Coordinated the upcoming Long-Term controlled aquifer-system stress testing in the MZI Managed Area with contractors and the City of Chino Hills.

Budget	Billed	ECAC	Projected (Over)/Under
\$551,121	\$128,581	\$520,611	\$30,510

**Chino Basin Watermaster**

**Fiscal Year 2012/2013**

**Progress and Estimated Cost at Completion for the Period: July 1, 2012 through December 31, 2012**

**7108 – PEI: Hydraulic Control Monitoring Program**

**Tasks**

*Purpose: [Basin Plan and Max Benefit] Obtain surface water discharge and water quality data from the Santa Ana River and its tributaries and groundwater quality information in and adjacent to Chino Basin. These data are required by the Basin Plan (the surface water stations and frequencies are specified in Table 5-8a) and for the Hydraulic Control Monitoring Program – a maximum benefit requirement in the Basin Plan. The data are also used for the Biannual State of the Basin report and for the Chino Basin Groundwater Model.*

- Measure discharge at specified surface water stations in the Santa Ana River and tributaries in accordance with the HCMP 2004 Work Plan. Direct discharge measurements are made at six stations every other week. This monitoring program ended in December 6, 2012 with the approval of the Basin Plan Amendment. Subtasks include:
  - scheduling the field work
  - performing the field work
  - QA/QC'ing the discharge calculations
  - uploading the discharge data to Watermaster's database.
  - The field work follows the SOPs and the QAPP defined in the 2004 HCMP Work Plan.
- Collect grab surface water quality samples at specified surface water stations in the Santa Ana River and tributaries. Samples are collected at 14 stations every other week as mandated by the Basin Plan. Samples are also collected from three POTWs every other week. This monitoring program ended in December 6, 2012 with the approval of the Basin Plan Amendment. The Subtasks include:
  - scheduling the field work and coordinating with the analytical laboratory
  - performing the field work
  - uploading field and laboratory data to Watermaster's database.
- Collect annual groundwater quality samples from the 21 HCMP monitoring wells. Subtasks include:
  - scheduling the field work and coordinating with the analytical laboratory
  - performing the field work
  - uploading field and laboratory data to Watermaster's database.
- Collect near-river groundwater samples at the NAWQA and SARWC Wells. The two NAWQA and two SARWC wells are sampled quarterly. Subtasks include:
  - scheduling the field work and coordinating with the analytical laboratory
  - performing the field work
  - uploading field and laboratory data to Watermaster's database.
- Routinely collect discharge data from the Santa Ana River and its tributaries measured by the USGS and collect treatment plant effluent discharge and water quality data collected by the IEUA, City of Riverside, the City of Corona, and the WRCRWA. All data are processed, checked for QA/QC and loaded to Watermaster's database.
- Interpretation of HCMP Data and Data Analyses/Comparison with Metrics. All data generated in the HCMP, as well as the GWQMP and the GWLMP will be analyzed and used to demonstrate the degree of hydraulic control obtained by basin re-operation and desalter production.
- Aerial Photograph. Watermaster will download a digital 2011 Aerial Photograph of the Chino Basin Area in support of the HCMP.
- HCMP Monitoring Well Master Plan and Grant Applications. Watermaster and IEUA will develop a master plan of new monitoring wells that will be required to demonstrate hydraulic control in Chino

**Chino Basin Watermaster**

**Fiscal Year 2012/2013**

**Progress and Estimated Cost at Completion for the Period: July 1, 2012 through December 31, 2012**

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**Basin as part of the Maximum Benefit requirement.**

- Reports—Compose two quarterly data reports and one annual Maximum Benefit Report.
- Regulatory Support – Watermaster and IEUA will work with the Regional Board to petition revised surface water monitoring program element of the HCMP monitoring program.
- Meetings
- Prado Basin Habitat Sustainability Program
  - Collect and Compile Existing Data
  - Site Selection and Acquisition
  - CEQA Process
  - Agency Approval of Site Access/Lease Agreements
  - Monitoring Facilities Installation
  - Prepare Sampling and Analysis Plan (SAP) and Health and Safety Plan (HASP)
  - CPT Testing and Monitoring Well Installation
  - Prepare CPT and Monitoring Well Construction Report

**Milestones/Accomplishments**

- 48 manual discharge measurements were collected at six stations in the Santa Ana River and tributaries as mandated by the Basin Plan. The discharge measurements were processed, reviewed, and uploaded to the database.
- 161 grab surface water quality samples were collected from 14 stations in the Santa Ana River and tributaries as mandated by the Basin Plan. Samples were sent to Eaton Analytical Laboratories.
- 30 grab water quality samples were collected from three treatment plants that discharge to the Santa Ana River and tributaries as mandated by the Basin Plan. Samples were sent to Eaton Analytical Laboratories.
- Processed, uploaded into the database, and check for QA/QC, all field water quality parameters for the bi-weekly sampling events from July 2012 through November 2012 at the 14 surface water sites and 3 treatment plants sites sampled for the HCMP Surface Water Monitoring Program.
- Processed and uploaded into the database 85 percent of the surface water quality data obtained from Eaton Analytical Laboratories for the HCMP Surface Water Quality Program for July 2012 through November 2012 sampling events.
- Collected and uploaded to the database results from biweekly grab water quality samples collected from IEUA for April through September 2012, for their four treatment plants that discharge to the Santa Ana River and tributaries as mandated by the Basin Plan.
- Daily discharge data for April through September 2012 were collected and uploaded into the database from seven treatment plants that discharge to the Santa Ana River and tributaries as mandated by the Basin Plan.
- Daily discharge data for April through September 2012 were collected from the USGS website and uploaded into the database, for eight stations in the Santa Ana River and tributaries as mandated by the Basin Plan.
- 8 quarterly groundwater quality samples were collected from near river wells (NAWQA and SARWC wells) in July 2012 and October 2012. Samples were sent to Eaton Analytical Laboratories.
- Annual groundwater quality samples were collected from the 21 HCMP monitoring wells in September 2012. Samples were sent to Eaton Analytical Laboratories.
- Processed, uploaded into the database, and check for QA/QC, all field water quality parameters for the quarterly sampling events at the NAWQA and SARWC wells, and annual sampling event at the HCMP

**Chino Basin Watermaster**

**Fiscal Year 2012/2013**

**Progress and Estimated Cost at Completion for the Period: July 1, 2012 through December 31, 2012**

monitoring wells for the HCMP Groundwater Monitoring Program.			
<ul style="list-style-type: none"> <li>• Processed, uploaded into the database, and check for QA/QC, all the groundwater quality data from Eaton Analytical Laboratories for the quarterly sampling events at the NAWQA and SARWC wells, and annual sampling event at the HCMP monitoring wells for the HCMP Groundwater Monitoring Program.</li> <li>• The Second Quarter 2012 Surface Water Monitoring Program Report was submitted to the Regional Board on July 15, 2012.</li> <li>• The Third Quarter 2012 Surface Water Monitoring Program Report was submitted to the Regional Board on October 15, 2012.</li> <li>• Provided regulatory support for the approval of the Basin Plan Amendment by the State of California Office of Administrative Law (OAL) to revise the surface water monitoring program element of the HCMP monitoring program. The OAL approved the Amendment on December 6, 2012.</li> <li>• Prado Basin Habitat Sustainability Program                         <ul style="list-style-type: none"> <li>• Collect and Compile Existing Data                                 <ul style="list-style-type: none"> <li>• Acquired available well and soil boring data from OCWD, USACE, Caltrans, OC Public Works, SB County, Riverside County, SAWPA, and City of Corona</li> <li>• Reviewed data received from USACE and City of Corona, and uploaded to HydroDaVE</li> </ul> </li> <li>• Site Selection and Acquisition                                 <ul style="list-style-type: none"> <li>• Prepared a well siting report and submitted to stakeholders for review.</li> <li>• Identified property owners of proposed well sites and performed nine site walks to determine suitability. Submitted a revised site location map to stakeholders based on site walk observations.</li> <li>• Coordinated with IEUA on site access/acquisition negotiations and to prepare site access/lease agreements</li> </ul> </li> <li>• CEQA Process                                 <ul style="list-style-type: none"> <li>• Prepared draft language on the investigation process to support the EIR Addendum</li> </ul> </li> <li>• Agency Approval of Site Access/Lease Agreements</li> <li>• Monitoring Facilities Installation</li> <li>• Prepare Sampling and Analysis Plan (SAP) and Health and Safety Plan (HASP)                                 <ul style="list-style-type: none"> <li>• Prepared preliminary draft SAP and HASP</li> </ul> </li> <li>• CPT Testing and Monitoring Well Installation                                 <ul style="list-style-type: none"> <li>• Prepared preliminary draft plans and technical specifications, with draft submittal pending finalization of site acquisition</li> </ul> </li> <li>• Prepare CPT and Monitoring Well Construction Report</li> </ul> </li> </ul>			
<b>Budget</b>	<b>Billed</b>	<b>ECAC</b>	<b>Projected (Over)/Under</b>
\$412,535	\$197,604	\$369,019	\$43,516

**Chino Basin Watermaster**

**Fiscal Year 2012/2013**

**Progress and Estimated Cost at Completion for the Period: July 1, 2012 through December 31, 2012**

<b>7109 – PEI: Recharge and Well Monitoring Program: Pursuant to the Groundwater Recharge Permit and Maximum Benefit</b>			
<b>Tasks</b>			
<i>Purpose: [Max Benefit] IEUA will prepare reports related to the Chino Basin Groundwater Recycled Water Recharge Program. Watermaster will peer review the reports.</i>			
<ul style="list-style-type: none"> <li>• Review Quarterly and Annual Reports for Chino Basin Recycled Water Groundwater Recharge Program</li> <li>• Review Start-Up Protocol Plans and Reports as needed.</li> </ul>			
<b>Milestones/Accomplishments</b>			
<ul style="list-style-type: none"> <li>• At the request of Watermaster, Quarterly and Annual Reported developed by IEUA were not reviewed this reporting period. We recommend that we resume review of these reports, because Watermaster is a co-permittee on the Chino Basin Groundwater Recharge Program and it would be in Watermaster's best interests to ensure that – to the extent possible – the reports are factually correct, free from errors, and demonstrates compliance with the permit.</li> </ul>			
<b>Budget</b>	<b>Billed</b>	<b>ECAC</b>	<b>Projected (Over)/Under</b>
\$21,540	\$0	\$4,000	\$17,540

**Chino Basin Watermaster** **Fiscal Year 2012/2013**  
 Progress and Estimated Cost at Completion for the Period: July 1, 2012 through December 31, 2012

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<b>7202 – PE2: Comprehensive Recharge Plan</b>			
<b>Tasks</b>			
<p><i>The purposes of this task are to provide engineering and institutional support to the Watermaster in the amending the 2010 Recharge Master Plan Update (RMPU) as directed by the Court and the Watermaster Board. This will include the following efforts:</i></p> <ul style="list-style-type: none"> <li>• Development of scope and budget to complete Tasks 5, 6, 7 and 8 of the 2013 RMPU Amendment and the administrative process required to get it to Court</li> <li>• Completion of Tasks 5 through 8</li> <li>• Attendance at Steering Committee meetings</li> </ul>			
<b>Milestones/Accomplishments</b>			
<ul style="list-style-type: none"> <li>• Revised scope, schedule and budget.</li> <li>• Completed Tasks 6 and 7 and Section 7 of the 2013 RMPU report.</li> <li>• Prepared for and attended 2013 RMPU Steering Committee meetings on July 19, August 16, September 20, October 18, November 1, November 15, November 29 and December 18, 2012.</li> </ul>			
Budget	Billed	ECAC	Projected (Over)/Under
\$100,016	\$89,655	\$210,055	(\$110,039)

**Chino Basin Watermaster**

**Fiscal Year 2012/2013**

**Progress and Estimated Cost at Completion for the Period: July 1, 2012 through December 31, 2012**

<b>7303 – Engineering Support for Desalters</b>			
<b>Tasks</b>			
<p><i>Purpose: [Basin Plan and Max Benefit] Plan, site, drill, and construct wells for the Chino Creek Desalter Well Field. This well field is required for hydraulic control in the southwest portion of Chino Basin – hydraulic control is a necessary condition for maximum benefit in the Basin Plan.</i></p> <ul style="list-style-type: none"> <li>• Chino Creek Desalter Well Field. Subtasks include:                             <ul style="list-style-type: none"> <li>• Coordination with CDA, other agencies, and consultant for desalter well field development.</li> <li>• Review well siting.</li> <li>• Review of lithologic/geophysical logs and testing data, and review well design.</li> <li>• Provide groundwater flow modeling support to assess the effects of planned desalter well field operations, including the addition of new wells.</li> </ul> </li> </ul>			
<b>Milestones/Accomplishments</b>			
<ul style="list-style-type: none"> <li>• As directed by the Acting Watermaster General Manager, WEI worked with the CDA and WMWD to conduct simulations of the CCWF and other CDA wells fields to evaluate the state of hydraulic control with the CDA producing reduced amounts of groundwater from the CCWF. WEI documented this work in a letter report.</li> </ul>			
<b>Budget</b>	<b>Billed</b>	<b>ECAC</b>	<b>Projected (Over)/Under</b>
\$30,344	\$13,292	\$30,344	\$0

**Chino Basin Watermaster**

**Fiscal Year 2012/2013**

**Progress and Estimated Cost at Completion for the Period: July 1, 2012 through December 31, 2012**

<b>7402 – PE4: Management Zone Strategies</b>			
<b>Tasks</b>			
<p><b>Purposes:</b></p> <p>1) To verify the protective nature of the current MZI Plan with regard to permanent land subsidence and ground fissuring in the Managed Area.</p> <p>2) To develop a pumping and recharge plan to minimize the risk of future land subsidence and ground fissuring across all of MZI.</p> <ul style="list-style-type: none"> <li>• PE4/MZ-I: Data Analyses and Reports. Subtasks include:                             <ul style="list-style-type: none"> <li>• Analysis of production, piezometric, extensometer, ground-level survey, horizontal strain, InSAR, and seismic data</li> <li>• Preparation of MZ-I Annual Report</li> </ul> </li> <li>• PE4/MZ-I: Meetings and Administration                             <ul style="list-style-type: none"> <li>• Develop a scope of work and cost-estimate for FY2013-14</li> </ul> </li> </ul>			
<b>Milestones/Accomplishments</b>			
<ul style="list-style-type: none"> <li>• Compiled and formatted piezometric and extensometer data to analyze the response of the deep aquifer in MZ-I to seasonal production at Well CH-17.</li> <li>• Prepared for and attended one Land Subsidence Committee meeting to coordinate and provide updates on subsidence monitoring and testing in the Chino Basin, installation and monitoring at the Chino Creek Extensometer, the schedules for the Injection Test at CH-16 and the Long-Term Pumping Test. Prepared a scope of work and cost-estimate for subsidence monitoring in FY2012/13.</li> <li>• Performed analysis of groundwater production and artificial recharge data for the 2012 MZ-I Annual Report.</li> <li>• Began preparing the draft 2012 MZ-I Annual Report.</li> </ul>			
<b>Budget</b>	<b>Billed</b>	<b>ECAC</b>	<b>Projected (Over)/Under</b>
\$67,062	\$16,066	\$67,066	(\$4)

**Chino Basin Watermaster**

**Fiscal Year 2012/2013**

Progress and Estimated Cost at Completion for the Period: July 1, 2012 through December 31, 2012

<b>7502 – Water Quality Committee</b>			
<b>Tasks</b>			
<i>Purpose: These tasks address special water quality issues that impact Chino Basin.</i>			
<ul style="list-style-type: none"> <li>• <b>Water Quality Committee Meetings.</b> This task assumes four, quarterly meetings with the WQC.</li> <li>• <b>As Needed Investigations.</b> This task is for special water quality studies, for example, a perchlorate isotope source study of Hole Lake, and/or a study of low detection limit perchlorate in the Santa Ana River and potential impacts to Chino Basin due to increased desalter and JCSD pumping.</li> <li>• <b>Ontario International Airport VOC Plume.</b> Subtasks include:                             <ul style="list-style-type: none"> <li>• coordination with OIA PRPs and other stakeholders</li> </ul> </li> <li>• <b>Chino Airport VOC Plume.</b> Subtasks include:                             <ul style="list-style-type: none"> <li>• coordination with Chino Airport PRP and other stakeholders, including the CDA.</li> </ul> </li> <li>• <b>ESTCP Cross-Fault Study</b> <ul style="list-style-type: none"> <li>• Attend technical review committee meetings and review pertinent data and the investigation report when it is completed. Provide a summary of potential impacts of the investigation conclusions to Chino Basin parties.</li> </ul> </li> </ul>			
<b>Milestones/Accomplishments</b>			
<ul style="list-style-type: none"> <li>• <b>Water Quality Committee Meetings.</b> No Water Quality Committee meetings occurred during the reporting period.</li> <li>• <b>As needed investigations.</b> No activity occurred during the reporting period.</li> <li>• <b>Ontario International Airport (OIA) VOC Plume.</b> Subtasks include:                             <ul style="list-style-type: none"> <li>• At the request of the Assistant General Manager, we queried HydroDaVE to determine if ABGL had transmitted water quality data from the first round of samples collected to WEI</li> </ul> </li> <li>• A series of attempts to sample the Alger well occurred during this reporting period. A Blatymini pump from BESST Inc. was used, but there were issues with lowering the pump to the water table while maintaining the integrity of the sample tube. Other options for obtaining a sample from this well, including pulling the existing pump equipment were researched and discussed with the Assistant General Manager.</li> <li>• <b>Chino Airport VOC Plume.</b> <ul style="list-style-type: none"> <li>• No activity occurred during the reporting period.</li> </ul> </li> <li>• <b>ESTCP Cross-Fault Study</b> <ul style="list-style-type: none"> <li>• We participated in telephone conversations and emails with the USGS and Watermaster for the purposes of data transmission to ERM and Environ, who were contracted by Emhart Industries, Inc. (one of the potentially responsible parties for the perchlorate plume in the Rialto-Colton Basin) to enhance the groundwater flow model in Rialto-Colton Basin that was developed by CH2M-Hill. No time was billed for this activity.</li> </ul> </li> </ul>			
Budget	Billed	ECAC	Projected (Over)/Under
\$61,823	\$8,535	\$8,535	\$53,288

**Chino Basin Watermaster**

**Fiscal Year 2012/2013**

Progress and Estimated Cost at Completion for the Period: July 1, 2012 through December 31, 2012

<b>7504 – PE6-7: Supplies</b>			
<b>Tasks</b>			
<i>Purpose: These tasks address special water quality issues that impact Chino Basin.</i>			
<ul style="list-style-type: none"> <li>This task is for field supplies for potential as-needed investigations.</li> </ul>			
<b>Milestones/Accomplishments</b>			
<ul style="list-style-type: none"> <li>No activity occurred during the reporting period.</li> </ul>			
Budget	Billed	ECAC	Projected (Over)/Under
\$5,088	\$0	\$0	\$5,088

<b>7602 – Storage Program General Consulting</b>			
<b>Tasks</b>			
<i>Purpose: This task is for as-needed consulting related to groundwater storage program(s)</i>			
<ul style="list-style-type: none"> <li>No activity occurred during the reporting period.</li> </ul>			
Budget	Billed	ECAC	Projected (Over)/Under
\$11,328	\$0	\$0	\$11,328

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**ACTIONS:**

**February 14, 2013 Appropriative Pool** – Moved to approve (1) Staff recommendation that the Mid-Year Review Report for the Period July 1, 2012 through December 31, 2012 be received and filed as presented, and (2) Staff recommendation for approval of the Budget Transfer Form T-13-02-01

**February 14, 2013 Non-Agricultural Pool** – Moved to approve (1) Staff recommendation that the Mid-Year Review Report for the Period July 1, 2012 through December 31, 2012 be received and filed as presented, and (2) Staff recommendation for approval of the Budget Transfer Form T-13-02-01 and to direct the Pool representatives to support at the Advisory Committee and Watermaster Board meetings subject to changes which they determine to be appropriate

**February 14, 2013 Agricultural Pool** – Moved to approve (1) Staff recommendation that the Mid-Year Review Report for the Period July 1, 2012 through December 31, 2012 be received and filed as presented, and (2) Staff recommendation for approval of the Budget Transfer Form T-13-02-01

**February 21, 2013 Advisory Committee** – Moved to approve (1) Staff recommendation that the Mid-Year Review Report for the Period July 1, 2012 through December 31, 2012 be received and filed as presented, and (2) Staff recommendation for approval of the Budget Transfer Form T-13-02-01

**February 28, 2013 Watermaster Board** –



# CHINO BASIN WATERMASTER

## II. BUSINESS ITEM

- B. 2013 AMENDMENT TO THE 2010 RECHARGE MASTER PLAN UPDATE SECTION 6





# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

**DATE:** February 28, 2013  
**TO:** Board Members  
**SUBJECT:** 2013 Amendment to 2010 Recharge Master Plan Update-Section 6

### SUMMARY

**Issue** – Watermaster is required to prepare an amendment to the 2010 Recharge Master Plan Update (2010 RMPU). The purposes of the amendment are, among other items, to refine the recharge projects contemplated in the 2010 RMPU, and to develop a financing plan and an implementation plan for the projects deemed necessary to meet Watermaster’s recharge objectives. The list of projects to be considered as recharge options was developed and approved through the Watermaster process in December 2012. Section 6 briefly describes the process of developing the list of recharge options.

**Recommendation** – Staff recommends that the Watermaster Board approve the attached document titled “2013 Amendment to the 2010 Recharge Master Plan, Section 6: Recharge Options to Improve Yield and Assure Sustainability.”

**Financial Impact** – There is no direct financial impact as a result of the proposed action. A portion of the preparation of the 2013 Amendment of the 2010 RMPU is included in the 2012-13 fiscal year budget, though the entire effort exceeds the budget. Reductions in other budgeted items are expected to cover the portion of this work that is not expressly budgeted.

### DISCUSSION

The list of potential recharge projects to be considered in the 2013 RMPU Amendment was developed and approved by Watermaster in December 2012. The list of projects was brought forward to allow Watermaster staff and consultants to begin work on Task 8, which is the development of cost and yield information for each project. At this time the text for Section 6 accompanying the list of recharge options has been developed and is being recommended for approval.

Watermaster staff presented a draft of this section to the Steering Committee on February 7, 2013 and discussed with each of the Pool Committees on February 14, 2013. The formatting suggestions received during those meetings have been incorporated and are reflected in the attached version.

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**ACTIONS:**

**February 14, 2013 Appropriative Pool** – Moved to approve the 2013 amendment to the 2010 Recharge Master Plan Update Section 6: "Recharge Options to Improve Yield and Assure Sustainability" including the changes to Table 6-1 which were to remove project cost estimates; remove duplicate project descriptions; and re-order project descriptions by project facility

**February 14, 2013 Non-Agricultural Pool** – Moved to approve the 2013 amendment to the 2010 Recharge Master Plan Update Section 6: "Recharge Options to Improve Yield and Assure Sustainability" including the changes to Table 6-1 which were to remove project cost estimates; remove duplicate project descriptions; and re-order project descriptions by project facility, and to approve staff recommendation and to direct the Pool representatives to support at the Advisory Committee and Watermaster Board meetings subject to changes which they determine to be appropriate

**February 14, 2013 Agricultural Pool** – Moved to approve unanimously

**February 21, 2013 Advisory Committee** – Moved to approve the 2013 amendment to the 2010 Recharge Master Plan Update Section 6: "Recharge Options to Improve Yield and Assure Sustainability"

**February 28, 2013 Watermaster Board** –

## Section 6

# Recharge Options to Improve Yield and Assure Sustainability

### Background

In June 2012, Watermaster staff sent a “call for projects” to the Watermaster parties seeking their recommendations for recharge improvement projects. Responses were provided by the CBWCD, Cities of Fontana, Ontario and Upland, the JCSD and the IEUA. Watermaster staff combined these proposed projects with the 2010 RMPU projects and subsequently prepared an initial listing of these projects in July 2012.

The Steering Committee conducted seven meetings to discuss these recharge projects, among other things, over the period of July 19, 2012 through November 29, 2012. The projects in the initial list were characterized by their potential impact on production sustainability and their contribution to improving the balance of recharge and discharge in the Basin. Several potential project groupings based on these characterizations were discussed by the Steering Committee. At the end of these discussions the Steering Committee recommended the complete initial list of projects be included by the Watermaster for consideration in the 2013 RMPU Amendment process. The Steering Committee recommendation was based on the collective opinion that the cost and benefit of each project should be understood before any projects were eliminated from consideration.

The Steering Committee recommendations are included in Table 6-1 which lists these projects. This table is described in more detail below. The final project list is a result of extensive discussions in which all the Steering Committee members’ comments and suggestions were considered. The final list of projects for consideration in the 2013 RMPU Amendment was approved in December 2012 by the Watermaster Pool Committees, the Advisory Committee and the Board.

### Recharge Projects Being Considered

Table 6-1 lists the projects submitted by the Steering Committee for consideration in the 2013 RMPU Amendment as approved by the Watermaster. Figure 6-1 shows the approximate location of these projects. The projects can be grouped by owner/advocate to include the 2010 RMPU projects, IEUA suggested projects and projects suggested by Parties. Those projects characterized as 2010 RMPU projects include those projects included in the 2010 RMPU. In November 2011, the Steering

## Section 6 Recharge Options to Improve Yield and Assure Sustainability

Committee requested that IEUA develop a list of improvements and suggested actions that, based on their experience in operating the CBFIP facilities, could increase stormwater recharge at a reasonable cost – the IEUA suggested projects include these projects. Finally several Watermaster Parties suggested projects that include stormwater management facilities and other recharge facilities that can be used to improve sustainable production in the JCSD and CDA Desalter II well field areas.

Table 6-1 lists the projects and other information that was used by the Steering Committee to characterize the projects.<sup>1</sup> Table 6-1 contains the following:

- Project Name – generally a facility name or in some cases a name more descriptive of what the project does.
- Facility Owner – generally the facility owner for an existing stormwater management facility or the probable owner for a future stormwater management facility or other recharge facility.
- Project Advocate – generally the entity that proposed the recharge project. In IEUA’s case, “IEUA” is used herein to represent a larger group of stakeholders including IEUA that “advocate” the project.
- Map Code – denotes a location code for the project on Figure 6-1.
- Management Zone – denotes the management zone(s) that will be directly recharged from the proposed project.
- Estimated Increase in Recharge from Improvements – if known contains estimates of the three sources of water that could potentially be recharged: storm and dry-weather discharge, imported water and recycled water.
- Proposed Improvements – includes a list of the proposed improvements, their cost if known, and expected benefits.

The proposed improvements are characterized with either a: “C” which means a capital improvement, an “O” which signifies an operational improvement, or an “I” which signifies a proposed investigation. Capital improvements could include the construction or expansion of new basins, drainage improvements, pump stations and other conveyance facilities, etc. Operational improvements include more aggressive operations and maintenance activities that will increase stormwater recharge. The types of investigations proposed in Table 6-1 include investigations to determine: the recharge feasibility on presently undeveloped land, the causes of poor infiltration performance at select existing basins and ways to improve their infiltration rates, the feasibility of recycled water recharge in select existing basins, and the feasibility of drainage improvements in the Cucamonga Basin that could increase recharge in the Chino and Cucamonga Basins.

All the proposed projects listed in Table 6-1 will be evaluated using the evaluation criteria discussed in Section 7 Evaluation Criteria. Section 8 summarizes the

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<sup>1</sup> Table 6-1 is a summary table that was based on a more expansive table.

Section 6 Recharge Options to Improve Yield and Assure Sustainability

evaluation and ranking of the proposed projects and Appendix D contains the detailed evaluation of the proposed projects.

2nd Draft

**Table 6-1  
Recharge Improvements Recommended by the Chino Basin Recharge Master Plan Steering Committee  
For Evaluation in Task 8**

Project Name	Facility Owner	Project Advocates <sup>2</sup>	Map Code	Estimated Increase in Recharge from Improvements (acre-ft/yr)			Proposed Improvements	
				Storm/Dry Weather	Imported	Recycled	Description of Improvements <sup>1</sup>	Expected Benefits
<b>Management Zone 1</b>								
15th Street Basin	City of Upland	IEUA	20	Unknown	Unknown	Unknown	I1 Investigate ways to improve storm and supplemental water recharge	1. Increase storm and supplemental water recharge
Princeton Basin	City of Ontario	City of Ontario, IEUA	21	Unknown	Unknown	Unknown	C1 Construct improvements to enable storm and supplemental water recharge	1. Increase recharge of storm and supplemental water
Upland Basin	City of Upland	City of Upland	22	na	na	Unknown	I1 Investigate the recharge of recycled water	1. Increase the recharge of recycled water; helps achieve the Peace II 6,500 acre-ft/yr recharge commitment to MZ1
		IEUA		Unknown	Unknown	na	C1 Construct a low-level drain or pump station to drain basin for maintenance	1. Increase recharge of storm and imported water
Montclair Basins	CBWCD	CBWCD	23	150 to 200	Unknown	na	C1 Clean and grub Basin 4, remove 5 feet of bottom materials from Basin 4, construct pump stations and pipelines to convey water	1. Increase storm water recharge
		IEUA		Unknown	Unknown	na	C2 Construct new inlets from San Antonio Creek to Basins 2 and 3	1. Increase storm water recharge
				Unknown	Unknown	na	C3 Automate inlet to Basin 1	1. Increase storm water recharge
				Unknown	Unknown	na	C4 Construct low-level drains from Basin 1 to 2 and 2 to 3	1. Increase recharge of storm and imported water
College Heights	CBWCD	IEUA	24	Unknown	Unknown	na	C1 Construct internal berms to reduce seepage to Upland Basin	1. Increase recharge of imported water
				na	na	unknown	I1 Investigate the recharge of recycled water	1. Increase the recharge of recycled water; helps achieve the Peace II 6,500 acre-ft/yr recharge commitment to MZ1
Brooks Basin	CBWCD	IEUA	25	Unknown	Unknown	Unknown	O1 Remove trees from below high-water line	
				Unknown	na	Unknown	I1 Investigate the rerouting of recycled water and street runoff to State Street storm drain	1. Increase storm and recycled water recharge
North West Upland Basin	City of Upland	City of Upland	36	Unknown	Unknown	Unknown	I2 Evaluate the installation of a low elevation pump station to drain basin for maintenance	1. Increase storm and storm and supplemental water recharge
				Unknown	Unknown	Unknown	C1 Construct a new stormwater management basin that will recharge water	1. Increase storm water recharge with unknown potential for supplemental water recharge.

P73

**Table 6-1  
Recharge Improvements Recommended by the Chino Basin Recharge Master Plan Steering Committee  
For Evaluation in Task 8**

Project Name	Facility Owner	Project Advocates <sup>2</sup>	Map Code	Estimated Increase in Recharge from Improvements (acre-ft/yr)			Proposed Improvements	
				Storm/Dry Weather	Imported	Recycled	Description of Improvements <sup>1</sup>	Expected Benefits
<b>Management Zone 2</b>								
San Sevaine Basins 1 - 5 Improvements	SBCFCD	IEUA	5	Unknown	Unknown	Unknown	C1 Construct internal berms in SS1 and SS2	1. Would help mitigate vector problems
				Unknown	Unknown	Unknown	C2 Install gate between SS1 and SS2	
				Unknown	Unknown	Unknown	C3 Construct internal berms in SS5	1. Would help mitigate vector problems and increase recharge capacity for storm and supplemental water
				Unknown	Unknown	Unknown	C4 Construct pump station from SS5 to SS3 or higher	1. Increase storm and recycled water recharge capacity
				Unknown	Unknown	Unknown	C5 Extend IEUA recycled water pipeline to SS3 or higher	1. Increase recycled water recharge
				Unknown	Unknown	Unknown	C6 CB13T power supply	
				na	Unknown	Unknown	C7 Increase CB13T capacity	1. Increase imported and recycled waters recharge
				Unknown	Unknown	Unknown	I1 Investigate SS5 poor infiltration rate	1. Increase storm and supplemental water recharge
				Unknown	Unknown	Unknown	I2 Evaluation of Etiwanda Creek and San Sevaine Channel area properties for new recharge sites	1. Increase storm and supplemental water recharge
na	na	Unknown	I3 Conduct investigation/regulatory process to permit recycled water recharge in SS1 through SS4	1. Increase recycled water recharge				
Etiwanda Debris Basin	SBCFCD	IEUA	6	Unknown	Unknown	Unknown	O1 Rip basin and shore up Berm	1. Increase storm and imported water recharge
				na	na	na	I1 Evaluate opportunity to use the "Etiwanda habitat Area" for recharge use	Increase storm and imported water recharge
Victoria Basin	SBCFCD	IEUA	7	Unknown	Unknown	Unknown	C1 Abandon the mid-level outlet	1. Increase storm and supplemental water recharge
				Unknown	Unknown	Unknown	C2 Remove fine-grained materials from basin floor	1. Increase storm and supplemental water recharge
				na	na	Unknown	C3 Extension of lysimeters	1. Increase the amount of recycled water recharge
Hickory Basin	SBCFCD	IEUA	9	na	na	na	O1 Increase frequency of basin maintenance	1. Increase storm and supplemental water recharge

P74

**Table 6-1  
Recharge Improvements Recommended by the Chino Basin Recharge Master Plan Steering Committee  
For Evaluation in Task 8**

Project Name	Facility Owner	Project Advocates <sup>2</sup>	Map Code	Estimated Increase in Recharge from Improvements (acre-ft/yr)			Proposed Improvements		Expected Benefits
				Storm/Dry Weather	Imported	Recycled	Description of Improvements <sup>1</sup>		
Lower Day Basin	SBCFCD	IEUA	10	Unknown	Unknown	Unknown	C1 Install gate on mid-level outlet to increase conservation storage	1. Increase storm and supplemental water recharge	
				1,470	Unknown	Unknown	C2 Improve inlet per 2010 RMPU	1. Increase storm and recycled water recharge	
				Unknown	Unknown	Unknown	I1 Evaluate the use of the northern part of the basin	1. Increase storm and supplemental water recharge	
Existing Turner Basins	CBWCD, SBCFCD	IEUA	16	Unknown	na	Unknown	I2 Evaluate recharge potential of 200 acres of SBCFCD land just north of the 210 freeway	1. Increase storm and supplemental water recharge	
				Unknown	Unknown	Unknown	C1 Raise the Turner 2 spillway	1. Increase storm water recharge	
Turner Basin Expansion East of Archibald Ave	IEUA	2010 RMPU	35	na	na	na	I1 Evaluate the property next to Turner 1 as a potential recycled water storage site	1. Increase recycled water recharge	
				1,300	na	Unknown	C1 Construct basin and appurtenances	1. Increase storm and supplemental water recharge	
Ely Basin	CBWCD, SBCFCD	IEUA	19	Unknown	na	Unknown	O1 Increase maintenance frequency	1. Increase storm and recycled water recharge	
				Unknown	na	Unknown	I1 Investigate the poor infiltration rate	1. Increase storm and recycled water recharge	
Ontario Municipal Services Center Bioswale Project	City of Ontario	City of Ontario	37	Unknown	na	Unknown	C1 Construct storm drain improvements to increase drainage area by 770 acres and increase the conservation storage in the Ely Basin by 310 acre-ft.	1. Increase storm water recharge and potentially recycled water recharge.	
				1	na	na	C1. Construct infiltration/detention basin approximately 35 feet wide x 580 feet long with a depth varying from 0 to 4 feet.	1. Increase storm water recharge.	
Lower San Sevaine Basin	TBD	2010 RMPU	34	1,679	Unknown	Unknown	C1 Construct basin and appurtenances	1. Increase storm and supplemental water recharge	
Regulatory Storage in the Alta Loma Basin	SBCFCD	IEUA	34	Unknown	na	Unknown	C1 Improve basin and construct appurtenances	1. Increase storm water recharge in the Turner Basins	

**Table 6-1**  
**Recharge Improvements Recommended by the Chino Basin Recharge Master Plan Steering Committee**  
**For Evaluation in Task 8**

Project Name	Facility Owner	Project Advocates <sup>2</sup>	Map Code	Estimated Increase in Recharge from Improvements (acre-ft/yr)			Proposed Improvements	
				Storm/Dry Weather	Imported	Recycled	Description of Improvements <sup>1</sup>	Expected Benefits
<b>Management Zones 2 and 3 Capture, Pump and Recharge Project</b>								
Lower Cucamonga Basin	TBD	2010 RMPU	17	na	na	na	C1 Construct Basin C2 Construct a pump station and pipeline to Wineville Basin with a 20 cfs diversion rate	1. Increase stormwater recharge at other basins by pumping storm water captured at the LCB to other recharge basins; could increase recycled water by providing diluent water
Wineville Basin to Etiwanda Pump Station	TBD	2010 RMPU	26	na	na	na	C1 Construct a pump station and pipeline to Etiwanda Pump Station with a 40 cfs diversion rate	1. Increase stormwater recharge at other basins by pumping storm water captured at the Lower Cucamonga, Wineville and Jurupa Basins to other recharge basins; could increase recycled water by providing new diluent water supply
Etiwanda Pump Station & Pipeline to Hickory	TBD	2010 RMPU	27	2	na	na	C1 Construct a pump station and pipeline to Hickory Basin with a 40 cfs diversion rate	
Hickory Pump Station & Pipeline to Victoria	TBD	2010 RMPU	28	810	na	na	C1 Construct a pump station and pipeline to Victoria Basin with a 40 cfs diversion rate	
Hickory Pump Station & Pipeline to Banana	TBD	2010 RMPU	29	520	na	na	C1 Construct a pump station and pipeline to Banana Basin with a 6 cfs diversion rate	
Victoria Pump Station & Pipeline to Lower Day	TBD	2010 RMPU	30	260	na	na	C1 Construct a pump station and pipeline to Lower Day Basin with a 8 cfs diversion rate	
Victoria Pump Station & Pipeline to Etiwanda Debris	TBD	2010 RMPU	31	720	na	na	C1 Construct a pump station and pipeline to Etiwanda Debris Basin with a 7 cfs diversion rate	
Victoria Pump Station & Pipeline to San Sevaine 1-4	TBD	2010 RMPU	32	4,100	na	na	C1 Construct a pump station and pipeline to San Sevaine 1-4 Basins with a 27 cfs diversion rate	
Victoria Pump Station & Pipeline to San Sevaine 5	TBD	2010 RMPU	33	550	na	na	C1 Construct a pump station and pipeline to San Sevaine 5 Basin with a 17 cfs diversion rate	

P76

**Table 6-1  
Recharge Improvements Recommended by the Chino Basin Recharge Master Plan Steering Committee  
For Evaluation in Task 8**

Project Name	Facility Owner	Project Advocates <sup>2</sup>	Map Code	Estimated Increase in Recharge from Improvements (acre-ft/yr)			Proposed Improvements	
				Storm/Dry Weather	Imported	Recycled	Description of Improvements <sup>1</sup>	Expected Benefits
<b>Management Zone 3</b>								
CSI Storm Water Basin	CSI	CSI	38	Unknown	Unknown	Unknown	C1 Expand Basin Volume and construct recycled water recharge improvements	1. Increase storm water recharge with unknown potential for supplemental water recharge.
Wineville Basin	SBCFCD	2010 RMPU	11	1,529	0	0	C1 Gate the low-elevation outlet, replace embankment with dam, and construct a pneumatic gate on the spillway	1. Increase storm water and supplemental water recharge
				0	0	0	C2 Construct a pump station and pipeline to Jurupa Basin with a 20 cfs diversion rate	1. Divert storm water from the Day Creek system for recharge in RP3 and Declez Basins
				0	0	0	C3 Construct pump station and pipeline to Etiwanda Basin with a 40 cfs diversion rate	1. Divert storm water from the Day Creek system to recharge basins high up in the San Savaine system and to the Lower Day Creek Basin
Jurupa Basin	SBCFCD	2010 RMPU	15	0	0	0	C1 Inlet improvements	1. Increase storm and supplemental water recharge at RP3 and Declez Basins
				0	0	0	C2 Construct a pump station and pipeline to RP3 Basins with a 40 cfs diversion rate	1. Increase storm and supplemental water recharge at RP3 and Declez Basins
				0	0	0	C3 Increase conservation storage by basin enlargement	1. Increase storm and recycled water recharge at RP3 and Declez Basins
				na	Unknown	Unknown	C3 Increase CB18 turnout capacity	1. Increase supplemental water recharge at RP3 and Declez Basins
				na	na	na	I1 Investigate poor recharge capacity	1. Increase storm and supplemental water recharge
RP3 Basins	IEUA	2010 RMPU	13	2,810	Unknown	Unknown	C1 Inlet improvements	1. Increase storm and supplemental water recharge
				733	Unknown	Unknown	C2 Basin Enlargement	1. Increase storm and supplemental water recharge
Vulcan Pit		2010 RMPU	4	1,077	Unknown	Unknown	C1 Basin grading, Inlet and outlet improvements	1. Increase storm and supplemental water recharge
Sierra Avenue Water Conservation Project	City of Fontana	City of Fontana, FWC and JCSD	1	423	Unknown	Unknown	C1 Increase conservation storage, other onsite improvements and connection to recycled water system	1. Increase recharge of storm and recycled waters 2. Improve the balance of recharge and discharge in MZ3
Sultana Avenue/Miller Avenue Water Conservation Improvement Project	City of Fontana	City of Fontana, FWC and JCSD	2	94	Unknown	Unknown	C1 Increase conservation storage, other onsite improvements and connection to recycled water system	1. Increase in yield from storm water recharge and water supply from recycled water recharge 2. Improve the balance of recharge and discharge in MZ3
Alder Basin Water Conservation Improvement Project	City of Fontana	City of Fontana, FWC and JCSD	3	126	Unknown	Unknown	C1 Increase conservation storage, other onsite improvements and connection to recycled water system	1. Increase recharge of storm and recycled water 2. Improve the balance of recharge and discharge in MZ3; not included in Watermaster diversion permits
Banana Basin	SBCFCD	IEUA	8	Unknown	Unknown	Unknown	O1 Increase frequency of basin maintenance	1. Increase storm and supplemental water recharge
				na	na	na	C1 Extend level sensor to more readily monitor recharge at low levels	1. Improve estimates of recharge

P77

**Table 6-1**  
**Recharge Improvements Recommended by the Chino Basin Recharge Master Plan Steering Committee**  
**For Evaluation in Task 8**

Project Name	Facility Owner	Project Advocates <sup>2</sup>	Map Code	Estimated Increase in Recharge from Improvements (acre-ft/yr)			Proposed Improvements	
				Storm/Dry Weather	Imported	Recycled	Description of Improvements <sup>1</sup>	Expected Benefits
Riverside Basin	SBCFCD	IEUA	12	Unknown	Unknown	Unknown	I1 Conduct proof of concept investigation to determine recharge feasibility	1. Increase storm and supplemental water recharge
Basins Adjacent to the RP3 Basins	IEUA	IEUA, JCSD	13	Unknown	Unknown	Unknown	C2 Construct horizontal recharge wells under Fontana RDA and SCE rights of way	1. Increase storm and supplemental water recharge
				na	na	na	I1 Investigate the recharge feasibility of adjacent 60 acres	1. Increase storm and supplemental water recharge
Decluz Basin	SBCFCD	IEUA	14	Unknown	Unknown	Unknown	O1 increase basin maintenance frequency	1. Increase storm and supplemental water recharge
				35	Unknown	Unknown	C1 construct improvements per 2010 RMPU	1. Minor increase storm and supplemental water recharge. RMPU did not recommend this project.
				na	na	na	I1 Investigate the recharge feasibility of adjacent 12 acres	1. Increase storm and supplemental water recharge

P78

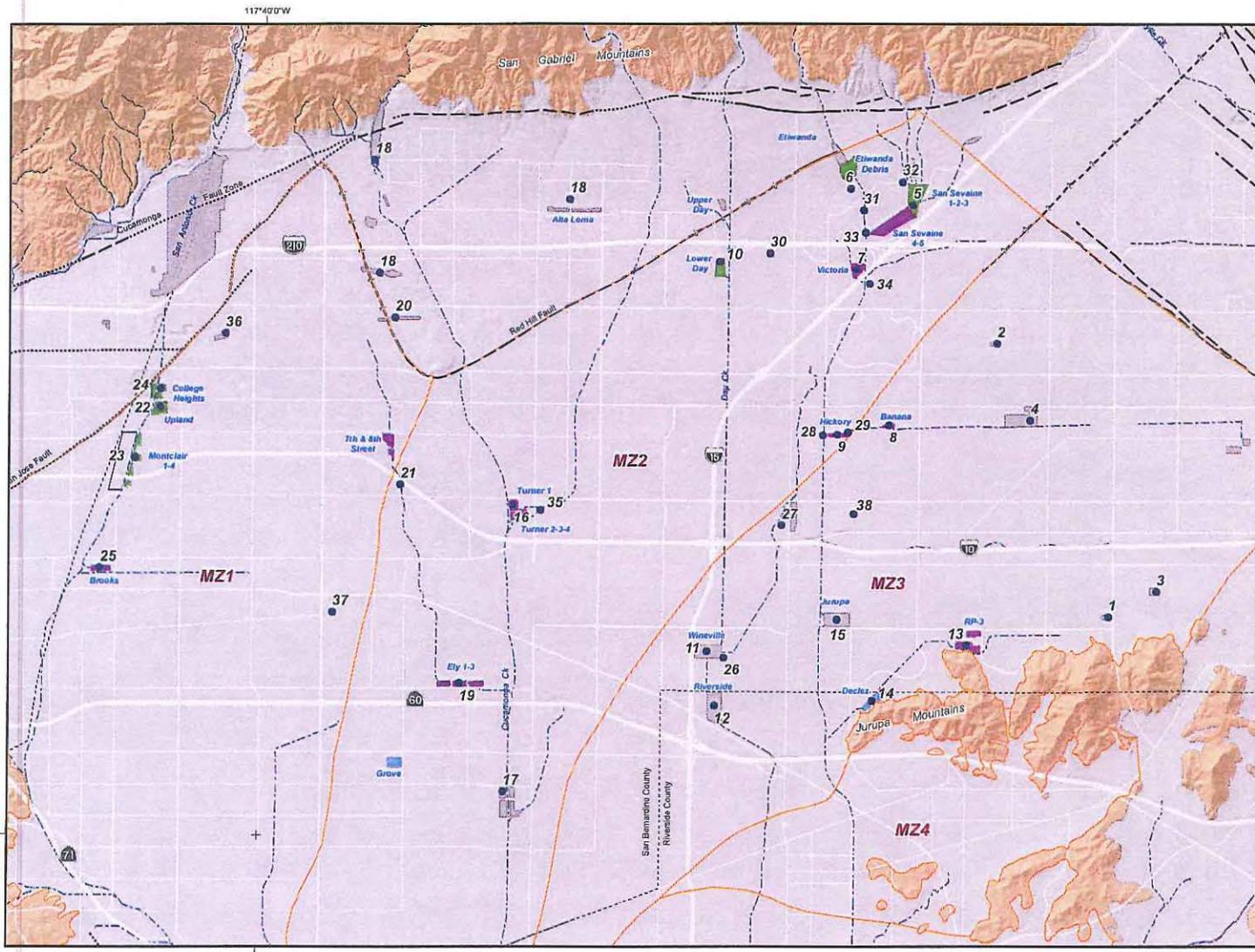
**Table 6-1  
Recharge Improvements Recommended by the Chino Basin Recharge Master Plan Steering Committee  
For Evaluation in Task 8**

Project Name	Facility Owner	Project Advocates <sup>2</sup>	Map Code	Estimated Increase in Recharge from Improvements (acre-ft/yr)			Proposed Improvements	
				Storm/Dry Weather	Imported	Recycled	Description of Improvements <sup>1</sup>	Expected Benefits
<b>Management Zones 3, 4 and 5 Production Sustainability Projects</b>								
Ontario MZ3 In-Lieu	na	City of Ontario and JCSD	na	na	na	na	O1 Exchange 3,200 to 9,500 acre-ft/yr using existing connections from the City of Ontario to JCSD	1. Reduce groundwater production in the JCSD Well Field area
Fontana MZ3 In-Lieu	na	FWC and the JCSD	na	na	na	na	C1 Construct a pipeline to connect to FWC. O1 Exchange 3,200 to 9,500 acre-ft/yr from FWC to JCSD	1. Reduce groundwater production in the JCSD Well Field area
CVWD MZ3 In-Lieu	na	CVWD and JCSD	na	na	na	na	O1 Exchange 3,200 to 9,500 acre-ft/yr from CVWD to JCSD conveyed by City of Ontario or FWC	1. Reduce groundwater production in the JCSD Well Field area
MZ3 In-Lieu Partnership	na	Partnership and the JCSD	na	na	na	na	O1 Exchange 3,200 to 9,500 acre-ft/yr from CVWD, City of Ontario or FWC to JCSD conveyed by some or all of the project owners	1. Reduce groundwater production in the JCSD Well Field area
CDA MZ3 In-Lieu	na	CDA and JCSD	na	na	na	na	O1 Exchange 3,200 to 9,500 acre-ft/yr using existing connections from CDA to JCSD	1. Reduce groundwater production in the JCSD Well Field area
Two JCSD ASR Wells - A	na	City of Ontario and JCSD	na	na	na	na	O1 Exchange 2,680 acre-ft/yr using existing connections from the City of Ontario to JCSD C1 Equip ASR wells	1. Reduce net groundwater production in the JCSD Well Field area
Two JCSD ASR Wells - B	na	FWC and the JCSD	na	na	na	na	C1 Construct a pipeline to connect to FWC. C2 Equip ASR wells O1 Exchange 2,680 acre-ft/yr from FWC to JCSD	1. Reduce net groundwater production in the JCSD Well Field area
Two JCSD ASR Wells - C	na	CVWD and JCSD	na	na	na	na	O1 Exchange 2,680 acre-ft/yr from CVWD to JCSD conveyed by City of Ontario or FWC C1 Equip ASR wells	1. Reduce net groundwater production in the JCSD Well Field area
Two JCSD ASR Wells - Partnership	na	Partnership and the JCSD	na	na	na	na	O1 Exchange 2,680 acre-ft/yr from CVWD, City of Ontario or FWC to JCSD conveyed by some or all of the project owners C1 Equip ASR wells	1. Reduce net groundwater production in the JCSD Well Field area

<sup>1</sup> O=Operational, I=Investigation, C=Capital

<sup>2</sup> In November 2011, the Steering Committee requested that IEUA develop a list of improvements and suggested actions that, based on their experience in operating the CBFIP facilities, could increase stormwater recharge at a reasonable cost – the IEUA suggested projects include these projects. "IEUA" is used herein to represent a larger group of stakeholders including IEUA that "advocate" the project.

P79



- Recharge Improvements Recommended by the RMP Steering Committee (Project number shown is for locational reference from Table 6-1)
  
- Recharge Basins (Symbolized by Recharged Water Type and Current Conditions)**

  - Storm, Imported and Recycled Water
  - Storm and Imported Water
  - Storm Water
  - Incidental Stormwater Only

  
- Other Features**

  - OBMP Management Zones
  - Streams, Rivers, and Channels

  
- Geology**

  - Water-Bearing Sediments**

    - Quaternary Alluvium

  - Consolidated Bedrock**

    - Undifferentiated Pre-Tertiary to Early Pleistocene Igneous, Metamorphic, and Sedimentary Rocks

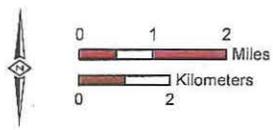
  
- Faults**

  - Location Certain
  - Location Concealed
  - Location Approximate
  - Location Uncertain
  - Approximate Location of Groundwater Barrier



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Author: MJC  
 Date: 2/14/2013  
 Name: Figure\_6-1



2013 RMPU Amendment

**Recharge Improvements Recommended by the RMPU Steering Committee**

Figure 6-1

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# CHINO BASIN WATERMASTER

## II. BUSINESS ITEM

### C. FUNDING OF POMONA CREDIT FOR FISCAL YEAR 2012/2013





# CHINO BASIN WATERMASTER

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

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

**DATE:** February 28, 2013  
**TO:** Board Members  
**SUBJECT:** Funding of the "Pomona Credit" for FY 2012/2013

### SUMMARY

**Issue** – With the election by Three Valleys Municipal Water District (TVMWD) to terminate their responsibilities under the Peace II Agreement, the "Pomona Credit" must be funded.

**Recommendation** – Staff recommends that Chino Basin Watermaster fund the amount of \$66,667.00 for the "Pomona Credit" to the City of Pomona from existing cash reserves, with the payment from cash reserves in FY 2012/2013 being adjusted as part of the FY 2012/2013 Assessment Package along with the regular funding of the "Pomona Credit".

**Fiscal Impact** – Because the payment of the "Pomona Credit" to the City of Pomona will occur in FY 2012/2013 and the funding of the payment will occur in FY 2013/2014, there is a balance sheet entry that must be recorded once the payment to the City of Pomona is issued. An entry for the Special Assessment amount that would have been collected will be recorded as an accounts receivable on the balance sheet. Once the Assessment Package for FY 2012/2013 has been completed and invoiced, the entries on the balance sheet will be eliminated since the funds would have been collected.

### BACKGROUND

The Peace Agreement, Article V Watermaster Performance, Section 5.4.(a) Assessments, Credits, and Reimbursements, provides that:

- (b) The City of Pomona (Pomona) shall be allowed a credit of up to \$2 (two) million against OBMP Assessments for its installation and operation and maintenance of its existing anion exchange project, which is hereby determined to further the purposes of the OBMP. Pomona's construction and operation of its anion exchange project was not legally compelled and Pomona had no legal duty to construct the project. For the 30 (thirty) year initial Term of this Agreement, Pomona's OBMP Assessment shall be credited \$66,667 per year, not to exceed Pomona's total BMP Assessment attributable to the project's Production for that year. Extension of the Term of this Agreement shall not extend the period of credit.

The Peace II Agreement, Article X Settlement and Release, Section 10.3 Satisfaction of Pomona Credit, states the following:

10.3 Satisfaction of Pomona Credit. In recognition of the ongoing benefits received by TVMWD through the City of Pomona's anion exchange project, as its sole and exclusive responsibility, TVMWD will make an annual payment to Watermaster in an amount equal to the credit due the City of Pomona under Peace Agreement Paragraph 5.4(b) ("the Pomona Credit").

- (a) Within ninety (90) days of each five-year period following the Effective Date of this Agreement, in its sole discretion TVMWD shall make an election whether to continue or terminate its responsibilities under this paragraph. TVMWD shall provide written notice of such election to Watermaster.
- (b) Watermaster will provide an annual invoice to TVMWD for the amount of the Pomona Credit.
- (c) Further, in any renewal term of the Peace Agreement, TVMWD will continue to make an equivalent financial contribution which TVMWD consents to

Watermaster's use for the benefit of MZ1, subject to the same conditions set forth above with respect to TVMWD's payment of the "Pomona Credit".

- (d) In the event TVMWD elects to terminate its obligation under this Paragraph, the Peace Agreement and the responsibility for satisfying the Pomona Credit will remain unchanged and unaffected, other than as it will be deemed satisfied for each five-year period that TVMWD has actually made the specified payment.

A letter dated November 7, 2012 was received from Three Valleys Municipal Water District (TVMWD) notifying Chino Basin Watermaster that Three Valleys Municipal Water District (TVMWD) was electing to terminate its obligation under the terms of paragraph 10.3(d). Consistent with the terms of 10.3(a), the letter was received within ninety (90) days of each five-year period following the Effective Date of the Agreement. A copy of the letter from Three Valleys Municipal Water District (TVMWD) is available upon request.

## DISCUSSION

Prior to the Assessment Year 2007/2008 (Production Year 2006/2007), the "Pomona Credit" was part of the Assessment Package calculations and was included as a component of the Assessment invoicing, absorbed by the Appropriative Pool members based upon their percentages of Operating Safe Yield. With the Assessment Year 2007/2008 (Production Year 2006/2007) through and including Assessment Year 2011/2012 (Production Year 2010/2011), the "Pomona Credit" was NOT part of the Assessment Package calculations and was NOT included as a component of the Assessment invoicing. The "Pomona Credit" for these previous five years was paid directly by Three Valleys Municipal Water District (TVMWD) to the City of Pomona.

Assessment Year 2007/2008 (Production Year 2006/2007):	\$ 53,030.93
Assessment Year 2008/2009 (Production Year 2007/2008):	\$ 53,030.93
Assessment Year 2009/2010 (Production Year 2008/2009):	\$ 53,030.93
Assessment Year 2010/2011 (Production Year 2009/2010):	\$ 53,030.93
Assessment Year 2011/2012 (Production Year 2010/2011):	\$ 53,030.93
<b>Total Pomona Credit Paid:</b>	<b><u>\$265,154.65</u></b>

Unfortunately, by the time the letter from TVMWD was received by Chino Basin Watermaster, the Assessment Year 2012/2013 (Production Year 2011/2012) Assessment Package had already been finalized.

At the Advisory Committee meeting of November 15, 2012 the following action occurred:

*Motion by Kinsey, second by Layton, and by unanimous vote*

***Approve the Fiscal Year 2012-2013 Assessment Package as Presented, with Express Acknowledgment of the Treatment of the Topics as Described in the Staff Report Package including bringing back a Special Assessment for the Pomona Credit through the Watermaster process, as presented.***

The following information from the minutes of the Watermaster Board meeting of November 15, 2012 is submitted.

Mr. Kavounas introduced the Assessment Package item. Mr. Kavounas stated this item was approved by all three Pools and the Advisory Committee. Mr. Kavounas inquired if the Board wanted to see the presentation which was given to the Pools and the Advisory Committee. It was noted the Watermaster Board did not want to see the presentation again. Mr. Kavounas stated before the Board takes its vote, there is one other item that this Board should be made aware of. Mr. Kavounas stated on November 7, 2012 Watermaster received a letter from Three Valleys Municipal Water District (TVMWD), and a copy of that letter is available on the back table. Mr. Kavounas stated the TVMWD letter relates to the Pomona Credit. Mr. Kavounas stated the Pomona Credit is a credit that was determined and included in the Peace Agreement, and was set at a certain dollar amount to be credited to the City of Pomona over a period of thirty-years; this amount is approximately \$66,000 per year. This credit had been given to the City of Pomona, and everyone who paid assessments provided a proportional share for that credit. Mr. Kavounas stated that under provisions of Peace II Agreement TVMWD willingly took on the payment obligation to provide that Pomona Credit to the City of Pomona, to be reviewed on a five-year basis afterward. Mr. Kavounas stated the five-year period is now up and the letter from TVMWD is notifying the Watermaster Board that TVMWD is electing to terminate their responsibilities, which is within their rights. Mr. Kavounas stated starting in 2013, since TVMWD has decided to opt out in accordance with Peace II Agreement, that credit will now have to be collected by all the Appropriators proportionally, starting with this assessment year 2012-2013. Mr. Kavounas stated Mr. Joswiak has prepared a table for this matter that shows the assessment which will be coming back to the individual producers prior to the end of the fiscal year.

*Motion by Curatalo, second by Pierson, and by unanimous vote*  
**Approve the of the Fiscal Year 2012-2013 Assessment Package as Presented, with Express Acknowledgment of the Treatment of the Topics as Described in the Staff Report Package, as presented**

The invoices for the Assessment Package were issued to the Appropriative and Non-Agricultural Pool members on November 21, 2012.

The following information from the Appropriative Pool meeting on February 14, 2013 is submitted:

Original Recommendation from Staff: Staff recommends that Chino Basin Watermaster issue a Special Assessment of \$66,667.00 to the Appropriative Pool members, based upon their percentages of Operating Safe Yield, to fund payment of the "Pomona Credit" to the City of Pomona per the Peace Agreement.

After a discussion between Mr. Kavounas and members of the Appropriative Pool, the following action occurred:

*Motion by Scott-Coe, second by Craig, and by unanimous vote*

**Moved to defer assessment of the Pomona credit to the parties until such time the reconciliation of reserves of the Appropriators has been established, and make adjustments at that time.**

Watermaster staff's understanding of the action is as follows:

1. The funds for the payment of the "Pomona Credit" to the City of Pomona will come from current FY 2012/2013 cash reserves. No Special Assessment will be issued.
2. Once approved by the Watermaster Board, Watermaster staff will issue a check to the City of Pomona for the "Pomona Credit".
3. Any accounting entries that are required for this specific transaction(s) will be completed prior to the fiscal year closing of June 30, 2013.
4. As part of the Assessment Package FY 2012/2013, the funding to the City of Pomona in FY 2012/2013 will be included, as well as the current funding for the "Pomona Credit". The "Pomona Credit" will be funded for two years (past year and current year).
5. Any future Assessment Packages after FY 2012/2013 will only provide for the single year "Pomona Credit" funding.

The table below details the proposed Special Assessment for the "Pomona Credit", consistent with the manner in which it was apportioned prior to the effectiveness of the Peace II Agreement. Please note that while the "Pomona Credit" amount is \$66,667.00, the City of Pomona is also a part of the Assessment calculations so the final payment to the City of Pomona is \$53,030.93.

In future years, the "Pomona Credit" will be part of the Assessment Package calculations and incorporated into the Assessment invoicing.

**Pomona Credit  
 Assessment Fiscal Year 2012-2013  
 (Production Year 2011-2012)**

Party	Pomona Credit	Cost of Pomona Credit Prorated	Net Pomona Credit
Arrowhead Mtn Spring Water Co	\$ -	\$ -	\$ -
Chino Hills, City Of	\$ -	\$ 2,567.35	\$ 2,567.35
Chino, City Of	\$ -	\$ 4,904.69	\$ 4,904.69
Cucamonga Valley Water District	\$ -	\$ 4,400.69	\$ 4,400.69
Desalter Authority	\$ -	\$ -	\$ -
Fontana Union Water Company	\$ -	\$ 7,771.37	\$ 7,771.37
Fontana Water Company	\$ -	\$ 1.33	\$ 1.33
Fontana, City Of	\$ -	\$ -	\$ -
Golden State Water Company	\$ -	\$ 500.00	\$ 500.00
Jurupa Community Services District	\$ -	\$ 2,506.01	\$ 2,506.01
Marygold Mutual Water Company	\$ -	\$ 796.67	\$ 796.67
Monte Vista Irrigation Company	\$ -	\$ 822.67	\$ 822.67
Monte Vista Water District	\$ -	\$ 5,864.70	\$ 5,864.70
Niagara Water Company	\$ -	\$ -	\$ -
Nicholson Trust	\$ -	\$ 4.67	\$ 4.67
Norco, City Of	\$ -	\$ 245.33	\$ 245.33
Ontario, City Of	\$ -	\$ 13,828.07	\$ 13,828.07
Pomona, City Of	\$ (66,667.00)	\$ 13,636.07	\$ (53,030.93)
San Antonio Water Company	\$ -	\$ 1,832.01	\$ 1,832.01
San Bernardino County Shtg Prk	\$ -	\$ -	\$ -
Santa Ana River Water Company	\$ -	\$ 1,582.01	\$ 1,582.01
Upland, City Of	\$ -	\$ 3,468.02	\$ 3,468.02
West End Consolidated Water Company	\$ -	\$ 1,152.01	\$ 1,152.01
West Valley Water District	\$ -	\$ 783.34	\$ 783.34
<b>GRAND TOTAL</b>	<b>\$ (66,667.00)</b>	<b>\$ 66,667.00</b>	<b>\$ 0.00</b>

**ACTIONS:**

- February 14, 2013 Appropriative Pool – Moved to defer assessment of the Pomona credit to the parties until such time the reconciliation of reserves of the Appropriators has been established, and make adjustments at that time
- February 14, 2013 Non-Agricultural Pool – No motion – information only
- February 14, 2013 Agricultural Pool – No motion – information only
- February 21, 2013 Advisory Committee – Moved to defer assessment of the Pomona credit to the parties until such time the reconciliation of reserves of the Appropriators has been established, and make adjustments at that time
- February 28, 2013 Watermaster Board –

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# CHINO BASIN WATERMASTER

## II. BUSINESS ITEM

- D. CDA REQUEST RE REMEDIATION OF CHINO AIRPORT GROUNDWATER PLUME





# CHINO BASIN WATERMASTER

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

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

**DATE:** February 28, 2013  
**TO:** Board Members  
**SUBJECT:** Chino Desalter Authority Request re Remediation of Chino Airport Groundwater Plume

### SUMMARY

**Issue** – The members of the Chino Desalter Authority (CDA), as represented by CDA, have submitted a letter (attached) to the Board requesting that Watermaster take prompt action to secure an order of the Watermaster Court directing the County of San Bernardino and the County of San Bernardino Department of Airports (collectively, the "County") to either remediate, or reimburse CDA for its costs incurred and to be incurred to remediate, the Chino Airport Groundwater Plume.

**Recommendation** – Staff recommends that the Watermaster Board refer CDA's request to the Pool Committees for their advice and counsel.

**Financial Impact** – At this time, there is no direct financial impact as a result of CDA's request. The 2012-2013 fiscal year budget includes budgeted funds for issues involving the CDA and the remediation of the Chino Airport Plume. The ultimate financial impact to Watermaster will be dependent on the course of action chosen.

### DISCUSSION

CDA is currently proceeding with the Chino Desalter Phase 3 Expansion Project ("Phase 3 Expansion") expanding the desalter program in order to increase the groundwater pumping at the Desalters to 40,000 acre-feet per year. CDA is acquiring property and designing its facilities to ensure that CDA will draw groundwater in amounts and at locations in the southwestern portion of the Chino Basin, which assists Watermaster in its efforts to achieve hydraulic control in the Chino Groundwater. Because of the location of the Phase 3 Expansion wells, CDA's Well No. 18 has been impacted by contamination resulting from the Chino Airport Groundwater Plume and it is anticipated that its future wells will also be impacted. CDA estimates that damages to its member agencies associated with the Plume will range between approximately \$9,500,000 to \$12,500,000, in the form of increased capital, operations and maintenance costs.

In October 2010, the Watermaster Board approved Watermaster Resolution No. 2010-04, a Resolution of the Chino Basin Watermaster Regarding Implementation of the Peace II Agreement and the Phase III Desalter Expansion in accordance with the December 21, 2007 Order of the San Bernardino Superior Court ("Resolution No. 2010-04"). Among other things, Resolution No. 2010-04 acknowledges that, in connection with the Phase 3 Expansion, CDA may incur additional costs as a result of the Plume. (Watermaster Resolution No. 2010-04, Recitals Paragraph 73.) Resolution No. 2010-04 further provides that Watermaster will negotiate with the County as the party primarily responsible for the Plume, and that all sums recovered would be paid to CDA to offset all of the incremental capital, operations and maintenance costs relating to the remediation of the Plume and to remit such proceeds to the Parties to the Judgment composing CDA. (Watermaster Resolution No. 2010-04, Recitals Paragraph 75 and Resolutions and Determinations Paragraph 18.) In its October 28, 2011 Order after Hearing on Motion for Approval of Watermaster Resolution 2010-04, the Watermaster Court concluded and ordered that Watermaster negotiate with the County, as Watermaster determined to do in Watermaster Resolution 2010-04. (October 28, 2011 Watermaster Court Order, Conclusions and Orders, Paragraph 18.) To date, negotiations with the County have been unsuccessful.

The CDA member agencies claim to have relied on Watermaster's representations in Watermaster Resolution No. 2010-04 to pursue payment of the costs of remediating the Plume from the County, and that, without Watermaster's assurances and commitments, they would not have agreed to move forward with the Phase 3 Expansion in its current form. Specifically, the CDA member agencies claim that they would not have located the Phase 3 Expansion wells within the trajectory of the Plume, resulting in the associated groundwater treatment costs.

By way of its February 20, 2013 letter, CDA, on behalf of its member agencies, now formally requests that Watermaster submit the matter to the Watermaster Court to obtain a binding court order requiring the County to either (1) immediately remediate the Plume under a Court approved plan that will prevent any further impact to CDA wells and reimburse CDA for any and all damages already incurred as a result of the Plume or (2) pay all costs incurred by CDA to perform the Required Actions.

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**ACTION:**

February 28, 2013 Board Meeting -



*Charles D. Field, Chairperson  
Eunice Ulloa, Vice Chairperson  
Robert Craig, Secretary  
Jim W. Bowman, Director  
J. Arnold Rodriguez, Director  
Peter J. Rogers, Director  
Angel Santiago, Director  
Harvey Sullivan, Director*

2151 S. Haven Avenue, Suite 202 • Ontario, CA 91761 • (909) 218-3230

*Curtis D. Paxton, General Manager/CEO*

February 20, 2013

Via United States Mail

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

Re: REMEDIATION OF CHINO AIRPORT GROUNDWATER PLUME BY COUNTY OF SAN BERNARDINO

Dear Board Members:

As you are aware, the Chino Basin Desalter Authority ("CDA") is a joint exercise of powers authority formed to pump and treat groundwater in the Chino Basin to potable standards for sale to its Member Agencies.<sup>1</sup> CDA has been asked by its Member Agencies to submit this letter to you, on their behalf, to request that the Chino Basin Watermaster ("Watermaster") take prompt action to secure an order of the San Bernardino County Superior Court ("Watermaster Court") directing the County of San Bernardino and the County of San Bernardino Department of Airports (collectively, the "County") to either remediate or to reimburse CDA for its costs incurred and to be incurred to remediate the groundwater contamination plume ("Plume") caused by sudden and accidental releases from the Chino Airport, an airport owned and controlled by the County, all as set forth in more detail below.

### **BACKGROUND**

The facilities owned and operated by CDA ("Desalters") are integral to the physical solution ordered by the Judgment (defined below) and the Optimum Basin Management Program prepared and adopted by Watermaster. The Desalters are instrumental to achieving Watermaster's objectives regarding both water quality and quantity. As previously authorized by Watermaster and directed by the court under its continuing jurisdiction, CDA is currently proceeding with the Chino Desalter Phase 3 Expansion Project ("Phase 3 Expansion") to expand the desalter program to increase the groundwater pumping at the Desalters to 40,000 acre-feet per year. CDA is acquiring property and designing its facilities to ensure that CDA will draw groundwater in amounts and at locations in the southwestern portion of the Chino Basin, as determined and directed by Watermaster to ensure the Phase 3 Expansion assists Watermaster in its efforts to achieve hydraulic control in the Chino Groundwater Basin (in accordance with paragraph 5.4 of the

<sup>1</sup> CDA's member agencies are the Cities of Ontario, Norco, Chino and Chino Hills, the Jurupa Community Services District, the Inland Empire Utilities Agency, the Santa Ana River Water Company, and Western Municipal Water District. These entities are referred to collectively in this letter as the "Member Agencies." Each of the Member Agencies (other than Western Municipal Water District) is a member of the Watermaster Appropriative Pool.

Peace II Agreement: Party Support for Watermaster's OBMP Implementation Plan, Settlement and Release of Claims regarding Future Desalters, referred to herein as the "Peace II Agreement").

By providing for hydraulic control and improving the quality of the groundwater in the Chino Basin, the Phase 3 Expansion is providing a benefit to all members of Watermaster and the entire region. This fact has been previously and consistently acknowledged by Watermaster and the Court.

Because of the location of the wells being constructed and installed as part of the Phase 3 Expansion in the locations directed by Watermaster, CDA's Well No. 18 has been subjected to TCE (and potentially other) contamination resulting from the Plume. The Plume constitutes a Material Physical Injury within the meaning of the San Bernardino County Superior Court Judgment in Case No. 164327, filed on October 26, 1989 ("Judgment"), the Peace II Agreement and Watermaster Resolution No. 2010-04 (defined below). The Plume may also impact other CDA wells, both new and existing. The Member Agencies have already incurred damages in excess of \$164,000 in treatment costs and design costs for the development of CDA Well No. 18. As CDA moves forward with the Phase 3 Expansion, the Plume is expected to cause significant additional damages to CDA and the Member Agencies, currently estimated at approximately \$9,300,000 to \$12,300,000, in the form of increased capital, operations and maintenance costs. The range in costs is based on differing treatment technologies available for implementation.

The Plume is a result of activities at the Chino Airport, which is owned and operated by the County. There is little dispute that the responsibility for the Plume lies with the County. The California Regional Water Quality Control Board, Santa Ana Region, previously issued Cleanup and Abatement Order Nos. 90-134 and R8-2008-0064, ordering the County to remediate the Plume. To date, the County has not identified any reasonable remediation project other than the CDA well-field.

### **REQUIRED TREATMENT FACILITIES**

In the absence of an immediate alternative physical remediation of the Plume by the County, the following actions are required to prevent further damages to the Member Agencies (collectively, the "Required Actions"):

1. Installation of Treatment Facilities. Appropriate facilities must be installed at or near CDA's proposed Well No. 18 to treat groundwater extracted at this well for any and all Chemicals of Concern ("COC")<sup>2</sup>. COC treatment facilities may be required at additional locations in the future.

2. Treatment Levels. All COCs must be treated to below both the applicable Maximum Contaminant Levels set by the United States Environmental Protection Agency and applicable Notice (Action) Levels established by the California Department of Public Health and in accordance with California

<sup>2</sup> As used herein, Chemicals of Concern (COCs) means: (a) any substance, product, waste or other material of any nature whatsoever which is or becomes listed, regulated, or addressed pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended ("CERCLA") (42 U.S.C. §9601, *et seq.*) (as "hazardous substance" as now or hereafter defined in Section 101(14) of CERCLA or any regulations promulgated under, or as a pollutant or contaminant as now or hereafter defined in Section 101(33) of CERCLA or any regulations promulgated under CERCLA); the Resource Conservation and Recovery Act, as amended ("RCRA") (42 U.S.C. §6901, *et seq.*); the Hazardous Materials Transportation Act, Title 49 U.S.C. §1801, *et seq.*, the Toxic Substances Control Act, Title 15 U.S.C. §2601, *et seq.*; the Clean Water Act, Title 33 U.S.C. §1251, *et seq.*; the California Hazardous Waste Control Act, Health and Safety Code §25100, *et seq.*, the California Hazardous Substances Account Act, California Health & Safety Code §25249.5, *et seq.*; the California Hazardous Waste Management Act, California Health & Safety Code §25501, *et seq.* (Hazardous Materials Response Plan and Inventory); or the California Porter-Cologne Water Quality Control Act, California Water Code §1300, *et seq.*, all as amended from time to time; (b) any additional substance, material or waste (A) the presence and concentration of which within, about, at, below or from a given location (i) requires reporting, investigation or remediation under any environmental laws, (ii) causes or threatens to cause a nuisance and poses or threatens to pose a hazard to the health and safety, or (iii) which, if emanated or migrated within, about, below, at or from a given location, would constitute a trespass, or (B) which is determined by any governmental authority with jurisdiction thereof to pose a present or potential hazard to human health or the environment.

Department of Health Services, Division of Drinking Water and Environmental Management, Policy Memo 97-005 Policy Guidance for Direct Domestic Use of Extremely Impaired Sources, dated November 5, 1997.

3. Operation and Maintenance of Treatment Facilities. Operations and maintenance costs will be incurred with respect to the COC treatment facilities constructed and installed pursuant to item 1, above. Because such facilities are owned by CDA, Watermaster, the County, or third parties with responsibility for the Plume must agree to pay such operations and maintenance costs directly to CDA.

The Member Agencies are investigating various methods of remediating the COCs that will impact CDA's wells as a result of the Plume. Certain methodologies may enable the CDA and/or the Member Agencies to obtain grant funding to offset a portion of the cost of installing treatment facilities. If grants or other financial contributions are obtained for the remediation and/or treatment facilities installed in connection with the Phase 3 Expansion, all parties will benefit from such cost savings. For this reason, it will benefit all parties for CDA to proceed with the design, construction and operation of the treatment facilities required to achieve the Required Actions, subject to reimbursement in full to CDA of all costs incurred in connection with the Required Actions. Additionally, CDA's timely construction and completion of the Phase 3 Expansion will help to avoid future fines to Watermaster and its member agencies relating to the Watermaster's obligation to achieve hydraulic control in the Chino Basin. Because of the delays in obtaining the County's agreement to perform the Required Actions or contribute to the cost of performance of the Required Actions, CDA has been forced to begin to undertake certain of the Required Actions in order to move forward with the Phase 3 Expansion in a timely manner.

#### **WATERMASTER AUTHORITY**

Pursuant to Paragraph 41 of the Judgment, the Chino Basin Watermaster ("Watermaster") has "discretionary powers in order to develop an optimum basin management program for Chino Basin, including both water quantity and quality considerations" (emphasis added). Paragraph 39 of the Judgment provides that the objective of the physical solution described in the Judgment is to make the "maximum reasonable beneficial use of the waters of Chino Basin by providing the optimum economic, long-term, conjunctive utilization of surface waters, ground waters and supplemental water, to meet the requirements of water users having rights in or dependent upon Chino Basin." Watermaster is directed, pursuant to Paragraph 16 of the Judgment, to "administer and enforce" the provisions of the Judgment and any subsequent instructions or orders of the Watermaster Court, which maintains continuing jurisdiction over the Watermaster and the physical solution described in the Judgment. Therefore, Watermaster has the authority to either perform the Required Actions or to order the County, a party to the Judgment, to perform (or pay for) the Required Actions. Alternatively, pursuant to Paragraph 15 of the Judgment, Watermaster has the authority to submit this matter to the Watermaster Court, to obtain a court order requiring the County to perform (or pay for) the Required Actions.

#### **WATERMASTER RESOLUTION NO. 2010-04**

On October 28, 2010, the Watermaster Board approved Watermaster Resolution No. 2010-04, a Resolution of the Chino Basin Watermaster Regarding Implementation of the Peace II Agreement and the Phase III Desalter Expansion in accordance with the December 21, 2007 Order of the San Bernardino Superior Court ("Watermaster Resolution No. 2010-04"). Among other things, Watermaster Resolution No. 2010-04 acknowledges that, in connection with the Phase 3 Expansion, CDA will incur additional costs as a result of the Plume. (Watermaster Resolution No. 2010-04, Recitals Paragraph 73.) Further, Watermaster Resolution No. 2010-04 expressly acknowledges and confirms that Watermaster has an obligation to negotiate with the County, as the party primarily responsible for the Plume, to recover all of the incremental capital, operations and maintenance costs relating to the remediation of the Plume and to remit such proceeds to the Member Agencies. (Watermaster Resolution No. 2010-04, Recitals Paragraph 75 and Resolutions and Determinations Paragraph 18.)

The Member Agencies relied on Watermaster's agreement, in Watermaster Resolution No. 2010-04, to pursue payment of the costs of remediating the Plume from the County. Without the assurances and commitments contained in Watermaster Resolution No. 2010-04, the Member Agencies would not have agreed to move forward with the Phase 3 Expansion in its current form. In particular, the well locations directed by Watermaster place CDA's wells in the trajectory of the Plume, resulting in the Member Agencies incurring significant increased groundwater treatment costs.

**OCTOBER 28, 2011 WATERMASTER COURT ORDER**

On October 28, 2011, the Watermaster Court ordered Watermaster to negotiate with the County, as the party primarily responsible for the Plume, and further ordered that the moneys received from the County be paid to CDA or the Member Agencies, to offset all of the incremental capital and operations and maintenance expenses incurred by the Member Agencies in remediation of the Plume. (October 28, 2011 Watermaster Court Order, Case No. RCV 51010, Conclusions and Orders, Paragraph 18.)

**REQUEST FOR WATERMASTER ACTION**

Representatives of Watermaster, CDA and the Member Agencies have each attempted to negotiate with the County to obtain the County's agreement to pay for the Required Actions; however, all such negotiations have been unsuccessful. For this reason, the Member Agencies believe that further attempts to negotiate with the County regarding the Required Actions would be futile.

CDA, on behalf of the Member Agencies, now formally requests that Watermaster submit this matter to the Watermaster Court to obtain a binding court order requiring the County to either (1) immediately remediate the Plume under a Court approved plan that will prevent any further impact to CDA wells and reimburse CDA for any and all damages already incurred as a result of the Plume or (2) pay all costs incurred by CDA to perform the Required Actions. This is necessary to remedy the Material Physical Injury caused by the County's activities at the Chino Airport and the Plume. Watermaster's failure to take the requested action will be subject to review by the Watermaster Court, pursuant to Paragraph 31 of the Judgment.

CDA and CDA's member agencies reserve all rights and remedies they may have under the Judgment and all orders of the Watermaster Court, the Peace II Agreement and all other applicable federal, state and local laws. CDA's representation of the Member Agencies should not be construed as a request for intervention or consent to Watermaster jurisdiction for CDA. Rather, CDA makes this request solely in its capacity as representative of the Member Agencies.

Thank you for your consideration and prompt action regarding these matters, including without limitation submission of this request to the Appropriate Pool, to the extent appropriate.

Very Truly Yours,



Curtis D. Paxton  
General Manager/CEO  
CHINO BASIN DESALTER AUTHORITY

CDP/cc

cc: Peter Kavounas, Chino Basin Watermaster  
Scott Slater, Brownstein Hyatt Farber Schreck, LLP  
Allison Burns, Stradling Yocca Carlson & Rauth



# CHINO BASIN WATERMASTER

## IV. INFORMATION

1. Cash Disbursements for January 2013



**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month**  
**January 2013**

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	01/02/2013	16564	CALPERS	1394905143	1012 · Bank of America Gen'l Ckg	
Bill	12/31/2012	1394905143		Medical Insurance - January 2013	60182.1 · Medical Insurance	4,948.14
TOTAL						4,948.14
Bill Pmt -Check	01/02/2013	16565	CALPERS 457 PLAN	Payroll and Taxes for 12/09/12 to 12/22/12	1012 · Bank of America Gen'l Ckg	
General Journal	12/22/2012	12/22/2012	CALPERS 457 PLAN	Employee deductions for 12/09/12 to 12/22/12	2000 · Accounts Payable	2,765.02
TOTAL						2,765.02
Bill Pmt -Check	01/02/2013	16566	CHEF DAVE'S CAFE & CATERING	3280	1012 · Bank of America Gen'l Ckg	
Bill	12/31/2012	3280		Lunch for 12/20 Board Meeting	6312 · Meeting Expenses	638.40
TOTAL						638.40
Bill Pmt -Check	01/02/2013	16567	COMPUTER NETWORK	86177	1012 · Bank of America Gen'l Ckg	
Bill	12/31/2012	86177		Replacement printer for Accountant	6055 · Computer Hardware	429.92
TOTAL						429.92
Bill Pmt -Check	01/02/2013	16568	PARK PLACE COMPUTER SOLUTIONS, INC.	470	1012 · Bank of America Gen'l Ckg	
Bill	12/31/2012	470		IT Services - December 2012	6052.1 · Park Place Comp Solutn	4,650.00
TOTAL						4,650.00
Bill Pmt -Check	01/02/2013	16569	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	12/22/2012	12/22/2012	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 12/09/12-12/22/12	2000 · Accounts Payable	6,786.00
TOTAL						6,786.00
General Journal	01/05/2013	01/05/2013	Payroll and Taxes for 12/23/12-01/05/13	Payroll and Taxes for 12/23/12-01/05/13	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 12/23/12-01/05/13	1012 · Bank of America Gen'l Ckg	18,972.28
				Payroll Taxes for 12/23/12-01/05/13	1014 · Bank of America P/R Ckg	8,187.02
TOTAL						27,159.30
Bill Pmt -Check	01/07/2013	16570	ARROWHEAD MOUNTAIN SPRING WATER	0023230253	1012 · Bank of America Gen'l Ckg	
Bill	12/31/2012	0023230253		Office Water Bottle - December 2012	6031.7 · Other Office Supplies	93.77
TOTAL						93.77
Bill Pmt -Check	01/07/2013	16571	BOWCOCK, ROBERT		1012 · Bank of America Gen'l Ckg	
Bill	12/20/2012	12/20 Board Mtg		12/20/12 Board Meeting	6311 · Board Member Compensation	125.00
Bill	12/21/2012	12/21 Admin Mtg		12/21/12 Administrative Meeting	6311 · Board Member Compensation	125.00
TOTAL						250.00
Bill Pmt -Check	01/07/2013	16572	COMPUTER NETWORK	86181	1012 · Bank of America Gen'l Ckg	

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month**  
**January 2013**

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	12/31/2012	86181		7 port usb hub	6055 · Computer Hardware	26.94
TOTAL						26.94
<b>Bill Pmt -Check</b>	<b>01/07/2013</b>	<b>16573</b>	<b>CURATALO, JAMES</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	12/11/2012	12/11 Personnel Comm		12/11/12 Personnel Committee Meeting	6311 · Board Member Compensation	125.00
Bill	12/11/2012	12/11 Upland City Mt		12/11/12 Upland City Council Meeting honoring Ker	6311 · Board Member Compensation	125.00
Bill	12/12/2012	12/12 Conf Call		12/12/12 Conference Call re Administrative Issues	6311 · Board Member Compensation	125.00
Bill	12/19/2012	12/19 Admin Mtg		12/19/12 Administrative Meeting	6311 · Board Member Compensation	125.00
Bill	12/20/2012	12/20 Board Mtg		12/20/12 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						625.00
<b>Bill Pmt -Check</b>	<b>01/07/2013</b>	<b>16574</b>	<b>DE BOOM, NATHAN</b>	<b>Ag Pool Member Meeting Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	12/13/2012	12/13 Ag Pool Mtg		12/13/12 Ag Pool Meeting	8411 · Compensation	25.00
				Ag Pool Member Meeting Compensation	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
<b>Bill Pmt -Check</b>	<b>01/07/2013</b>	<b>16575</b>	<b>DGO AUTO DETAILING</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	01/03/2013			Wash 4 trucks on 12/11/12 and 1/03/13	6177 · Vehicle Repairs & Maintenance	200.00
TOTAL						200.00
<b>Bill Pmt -Check</b>	<b>01/07/2013</b>	<b>16576</b>	<b>DIRECTV</b>	<b>019447404</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	12/31/2012	019447404		Office service for 12/19/12 -1/18/13	6031.7 · Other Office Supplies	89.99
TOTAL						89.99
<b>Bill Pmt -Check</b>	<b>01/07/2013</b>	<b>16577</b>	<b>ELIE, STEVEN</b>	<b>12/20/12 Board Meeting</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	12/20/2012	12/20 Board Mtg		12/20/12 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
<b>Bill Pmt -Check</b>	<b>01/07/2013</b>	<b>16578</b>	<b>FEENSTRA, BOB</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	12/11/2012	12/11 Personnel Comm		12/11/12 Personnel Committee Meeting	6311 · Board Member Compensation	125.00
Bill	12/13/2012	12/13 Ag Pool Mtg		12/13/12 Ag Pool Meeting	6311 · Board Member Compensation	125.00
Bill	12/18/2012	12/18 RMPU Mtg		12/18/12 RMPU Meeting	6311 · Board Member Compensation	125.00
Bill	12/20/2012	12/20 Board Mtg		12/20/12 Board Meeting	6311 · Board Member Compensation	125.00
Bill	12/20/2012	12/20 Advisory Comm		12/20/12 Advisory Committee Meeting	6311 · Board Member Compensation	125.00
TOTAL						625.00
<b>Bill Pmt -Check</b>	<b>01/07/2013</b>	<b>16579</b>	<b>HALL, PETE*</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	12/18/2012	12/18 RMPU Mtg		12/18/12 RMPU Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	12/20/2012	12/20 Board Mtg		12/20/12 Board Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	12/20/2012	12/20 Advisory Comm		12/20/12 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	125.00

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month**  
**January 2013**

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>
TOTAL							375.00
	Bill Pmt -Check	01/07/2013	16580	HSBC BUSINESS SOLUTIONS	7003-7309-1000-2744	1012 · Bank of America Gen'l Ckg	
	Bill	12/31/2012	7003730910002744		Miscellaneous office supplies	6031.7 · Other Office Supplies	287.09
TOTAL							287.09
	Bill Pmt -Check	01/07/2013	16581	HUITSING, JOHN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
	Bill	12/13/2012	12/13 Ag Pool Mtg		12/13/12 Ag Pool Meeting	8411 · Compensation	25.00
					Ag Pool Member Compensation	8470 · Ag Meeting Attend -Special	100.00
TOTAL							125.00
	Bill Pmt -Check	01/07/2013	16582	KOOPMAN, GENE	Ag Pool Member Meeting Compensation	1012 · Bank of America Gen'l Ckg	
	Bill	12/13/2012	12/13 Ag Pool Mtg		12/13/12 Ag Pool Meeting	8411 · Compensation	25.00
					Ag Pool Member Meeting Compensation	8470 · Ag Meeting Attend -Special	100.00
TOTAL							125.00
	Bill Pmt -Check	01/07/2013	16583	KUHN, BOB		1012 · Bank of America Gen'l Ckg	
	Bill	12/11/2012	12/11 Personnel Comm		12/11/12 Personnel Committee Meeting	6311 · Board Member Compensation	125.00
	Bill	12/12/2012	12/12 Conf Call		12/12/12 Conference call re administrative issues	6311 · Board Member Compensation	125.00
	Bill	12/13/2012	12/13 Appro Pool Mtg		12/13/12 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00
	Bill	12/19/2012	12/19 Admin Mtg		12/19/12 Administrative Meeting	6311 · Board Member Compensation	125.00
	Bill	12/20/2012	12/20 Board Mtg		12/20/12 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL							625.00
	Bill Pmt -Check	01/07/2013	16584	LANTZ, PAULA		1012 · Bank of America Gen'l Ckg	
	Bill	12/11/2012	12/11 Personnel Comm		12/11/12 Personnel Committee Meeting	6311 · Board Member Compensation	125.00
	Bill	12/13/2012	12/13 Appro Pool Mtg		12/13/12 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00
	Bill	12/20/2012	12/20 Board Mtg		12/20/12 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL							375.00
	Bill Pmt -Check	01/07/2013	16585	PAYCHEX	2012122700	1012 · Bank of America Gen'l Ckg	
	Bill	12/31/2012	2012122700		Payroll Service - December 2012	6012 · Payroll Services	222.32
TOTAL							222.32
	Bill Pmt -Check	01/07/2013	16586	PIERSON, JEFFREY		1012 · Bank of America Gen'l Ckg	
	Bill	12/11/2012	12/11 Personnel Comm		12/11/12 Personnel Committee Meeting	8470 · Ag Meeting Attend -Special	125.00
	Bill	12/13/2012	12/13 Ag Pool Mtg		12/13/12 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
	Bill	12/18/2012	12/18 RMPU Mtg		12/18/12 RMPU Meeting	8470 · Ag Meeting Attend -Special	125.00
	Bill	12/20/2012	12/20 Board Mtg		12/20/12 Board Meeting	8470 · Ag Meeting Attend -Special	125.00
	Bill	12/20/2012	12/20 Advisory Comm		12/20/12 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	125.00

P 96

**CHINO BASIN WATERMASTER**  
Cash Disbursements For The Month  
January 2013

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>
TOTAL							625.00
	Bill Pmt -Check	01/07/2013	16587	PURCHASE POWER	8000909000168851	1012 · Bank of America Gen'l Ckg	
	Bill	12/31/2012	8000909000168851		Packages to Craig & Anderson - Board	6042 · Postage - General	44.45
TOTAL							44.45
	Bill Pmt -Check	01/07/2013	16588	ROGERS, PETER	12/20/12 Board Meeting	1012 · Bank of America Gen'l Ckg	
	Bill	12/20/2012	12/20 Board Mtg		12/20/12 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL							125.00
	Bill Pmt -Check	01/07/2013	16589	STANDARD INSURANCE CO.	Policy # 00-649299-0009	1012 · Bank of America Gen'l Ckg	
	Bill	12/31/2012	006492990009		Policy # 00-649299-0009	60191 · Life & Disab.Ins Benefits	439.30
TOTAL							439.30
	Bill Pmt -Check	01/07/2013	16590	STATE COMPENSATION INSURANCE FUND	1970970-12	1012 · Bank of America Gen'l Ckg	
	Bill	01/01/2013	1970970-12		Premium on account - 12/26/12-1/26/13	60183 · Worker's Comp Insurance	899.25
TOTAL							899.25
<b>P97</b>	Bill Pmt -Check	01/07/2013	16591	THE LAWTON GROUP	6017	1012 · Bank of America Gen'l Ckg	
	Bill	12/31/2012	19532		Week ending 12/23/12	6017 · Temporary Services	460.80
	Bill	12/31/2012	19500		Week ending 12/16/12	6017 · Temporary Services	768.00
TOTAL							1,228.80
	Bill Pmt -Check	01/07/2013	16592	UNION 76	300-732-989	1012 · Bank of America Gen'l Ckg	
	Bill	12/31/2012	300732989		November 2012	6175 · Vehicle Fuel	80.20
TOTAL							80.20
	Bill Pmt -Check	01/07/2013	16593	VANDEN HEUVEL, GEOFFREY	6311	1012 · Bank of America Gen'l Ckg	
	Bill	12/13/2012	12/13 Appro Pool Mtg		12/13/12 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00
	Bill	12/20/2012	12/20 Board Mtg		12/20/12 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL							250.00
	Bill Pmt -Check	01/07/2013	16594	VANDEN HEUVEL, ROB	Ag Pool Member Meeting Compensation	1012 · Bank of America Gen'l Ckg	
	Bill	12/13/2012	12/13 Ag Pool Mtg		12/13/12 Ag Pool Meeting	8411 · Compensation	25.00
					Ag Pool Member Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL							125.00
	Bill Pmt -Check	01/07/2013	16595	VERIZON		1012 · Bank of America Gen'l Ckg	
	Bill	12/31/2012	0125611521714508		012561121521714508	7405 · PE4-Other Expense	177.92
	Bill	12/31/2012	012519116950792103		012519116950792103	6022 · Telephone	491.45

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month**  
**January 2013**

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>
TOTAL						669.37
Bill Pmt -Check	01/07/2013	16596	VISION SERVICE PLAN	00-101789-0001	1012 · Bank of America Gen'l Ckg	
Bill	12/31/2012	001017890001		Vision Insurance - January 2013	60182.2 · Dental & Vision Ins	44.15
TOTAL						44.15
Bill Pmt -Check	01/07/2013	16597	YUKON DISPOSAL SERVICE	08-K2 213849	1012 · Bank of America Gen'l Ckg	
Bill	01/02/2013	08-k2 213849		Trash services for January 2013	6024 · Building Repair & Maintenance	106.53
TOTAL						106.53
Bill Pmt -Check	01/07/2013	16598	AMERON	Sale of Non-Ag Pool Water	1012 · Bank of America Gen'l Ckg	
Bill	01/01/2013			4th of 5 Payments - Sale of Non-Ag Water	5105 · Purchase of Non-Ag Pool Water	113,725.48
TOTAL						113,725.48
Bill Pmt -Check	01/07/2013	16599	AQUA CAPITAL MANAGEMENT LP	Sale of Non-Ag Pool Water	1012 · Bank of America Gen'l Ckg	
Bill	01/01/2013			4th of 5 Payments - Sale of Non-Ag Water	5105 · Purchase of Non-Ag Pool Water	525,413.72
TOTAL						525,413.72
P 98						
Bill Pmt -Check	01/07/2013	16600	AUTO CLUB SPEEDWAY	Sale of Non-Ag Pool Water	1012 · Bank of America Gen'l Ckg	
Bill	01/01/2013			4th of 5 Payments - Sale of Non-Ag Water	5105 · Purchase of Non-Ag Pool Water	81,793.35
TOTAL						81,793.35
Bill Pmt -Check	01/07/2013	16601	GENON WEST LP	Sale of Non-Ag Pool Water	1012 · Bank of America Gen'l Ckg	
Bill	01/01/2013			4th of 5 Payments - Sale of Non-Ag Water	5105 · Purchase of Non-Ag Pool Water	349,004.04
TOTAL						349,004.04
Bill Pmt -Check	01/07/2013	16602	MOBILE COMMUNITY MGMT	Sale of Non-Ag Pool Water	1012 · Bank of America Gen'l Ckg	
Bill	01/01/2013			4th of 5 Payments - Sale of Non-Ag Water	5105 · Purchase of Non-Ag Pool Water	152,591.03
TOTAL						152,591.03
Bill Pmt -Check	01/07/2013	16603	ONTARIO, CITY OF*	Sale of Non-Ag Pool Water	1012 · Bank of America Gen'l Ckg	
Bill	01/01/2013			4th of 5 Payments - Sale of Non-Ag Water	5105 · Purchase of Non-Ag Pool Water	790,842.10
TOTAL						790,842.10
Bill Pmt -Check	01/07/2013	16604	PRAXAIR	Sale of Non-Ag Pool Water	1012 · Bank of America Gen'l Ckg	
Bill	01/01/2013			4th of 5 Payments - Sale of Non-Ag Water	5105 · Purchase of Non-Ag Pool Water	258,901.38
TOTAL						258,901.38
Bill Pmt -Check	01/07/2013	16605	SAN BERNARDINO COUNTY - DEPT. AIRPORTS	Sale of Non-Ag Pool Water	1012 · Bank of America Gen'l Ckg	
Bill	01/01/2013			4th of 5 Payments - Sale of Non-Ag Water	5105 · Purchase of Non-Ag Pool Water	7,890.60

**CHINO BASIN WATERMASTER**  
Cash Disbursements For The Month  
January 2013

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>
TOTAL							7,890.60
	Bill Pmt -Check	01/07/2013	16606	SOUTHERN CALIFORNIA EDISON COMPANY	Sale of Non-Ag Pool Water	1012 · Bank of America Gen'l Ckg	
	Bill	01/01/2013			4th of 5 Payments - Sale of Non-Ag Water	5105 · Purchase of Non-Ag Pool Water	9,113.99
TOTAL							9,113.99
	Bill Pmt -Check	01/08/2013	16607	APPLIED COMPUTER TECHNOLOGIES	2091	1012 · Bank of America Gen'l Ckg	
	Bill	12/31/2012	2091		Database Services - December 2012	6052.2 · Applied Computer Technol	3,056.60
TOTAL							3,056.60
	Bill Pmt -Check	01/08/2013	16608	EUROFINS EATON ANALYTICAL		1012 · Bank of America Gen'l Ckg	
	Bill	12/31/2012	L0107783		L0107783	7103.5 · Grdwtr Qual-Lab Svcs	838.00
	Bill	12/31/2012	L0107788		L0107788	7103.5 · Grdwtr Qual-Lab Svcs	1,902.00
	Bill	12/31/2012	L0107782		L0107782	7103.5 · Grdwtr Qual-Lab Svcs	1,456.00
	Bill	12/31/2012	L0107779		Artesia Sawdust Wells	8471 · Ag Pool Expense	1,456.00
TOTAL							5,652.00
	Bill Pmt -Check	01/08/2013	16609	GRAINGER	9024428584	1012 · Bank of America Gen'l Ckg	
	Bill	12/31/2012	9024428584		9024428584	7103.6 · Grdwtr Qual-Supplies	86.25
TOTAL							86.25
	Bill Pmt -Check	01/08/2013	16610	GREAT AMERICA LEASING CORP.	13161868	1012 · Bank of America Gen'l Ckg	
	Bill	12/31/2012	13161868		Monthly Invoice	6043.1 · Ricoh Lease Fee	2,795.00
					Usage for Black Copies	6043.2 · Ricoh Usage & Maintenance Fee	211.69
					Usage for Color Copies	6043.2 · Ricoh Usage & Maintenance Fee	814.81
TOTAL							3,821.50
	Bill Pmt -Check	01/08/2013	16611	MIJAC ALARM	329110	1012 · Bank of America Gen'l Ckg	
	Bill	01/01/2013	329110		Commercial monitoring 1/01/13 - 3/31/13	6026 · Security Services	147.00
TOTAL							147.00
	Bill Pmt -Check	01/08/2013	16612	PRAXAIR		1012 · Bank of America Gen'l Ckg	
				PRAXAIR	Water Quality Supplies	2000 · Accounts Payable	68.58
TOTAL							68.58
	Bill Pmt -Check	01/08/2013	16613	SPAM SOAP, INC	S78387	1012 · Bank of America Gen'l Ckg	
	Bill	01/06/2013	S78387		Semi-annual spam software (1/06/13-7/05/13)	6054 · Computer Software	201.60
TOTAL							201.60
	Bill Pmt -Check	01/10/2013	16614	KAVOUNAS, PETER	Travel Expense Reimbursement	1012 · Bank of America Gen'l Ckg	

Page 9

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month  
January 2013

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	12/31/2012			Travel expense reimbursement	6171.1 · GM - Reimbursement	36.08
TOTAL						36.08
Bill Pmt -Check	01/17/2013	16615	VOIDED		1012 · Bank of America Gen'l Ckg	0.00
TOTAL						0.00
Bill Pmt -Check	01/17/2013	16616	VOIDED		1012 · Bank of America Gen'l Ckg	0.00
TOTAL						0.00
Bill Pmt -Check	01/17/2013	16617	VOIDED		1012 · Bank of America Gen'l Ckg	0.00
TOTAL						0.00
Bill Pmt -Check	01/17/2013	16618	VOIDED		1012 · Bank of America Gen'l Ckg	0.00
TOTAL						0.00
Bill Pmt -Check	01/17/2013	16619	OFFICE DEPOT	638915730001	1012 · Bank of America Gen'l Ckg	0.00
Bill	01/03/2013	638915730001		Magazine holder	6031.7 · Other Office Supplies	49.13
TOTAL						49.13
Bill Pmt -Check	01/17/2013	16620	PREMIERE GLOBAL SERVICES	12900083	1012 · Bank of America Gen'l Ckg	0.00
Bill	12/31/2012	12900083		PK call on 12/03	6909.1 · OBMP Meetings	1.09
				Appropriative Pool agenda call on 12/03	8312 · Meeting Expenses	50.74
				Ag Pool agenda call on 12/03	8412 · Meeting Expenses	50.74
				Non-Ag Pool agenda call on 12/03	8512 · Meeting Expense	50.75
				PK call on 12/05	6909.1 · OBMP Meetings	42.35
				PK call on 12/06	6909.1 · OBMP Meetings	31.34
				PK call on Legal & Engineering matters 12/10	6909.1 · OBMP Meetings	42.38
				PK call on 12/12	6909.1 · OBMP Meetings	51.60
				RMPU call on 12/12	7204 · Comp Recharge-Supplies	130.84
				Non-Ag Pool mtg call 12/13	8512 · Meeting Expense	61.54
				Service fee	6022 · Telephone	14.95
				Service fee	6022 · Telephone	11.78
TOTAL						540.10
Bill Pmt -Check	01/17/2013	16621	PRINTING RESOURCES	59077	1012 · Bank of America Gen'l Ckg	0.00

P 100

**CHINO BASIN WATERMASTER**  
Cash Disbursements For The Month  
January 2013

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	01/10/2013	59077		Nameplates-Craig/Anderson; badge for Craig	6031.7 · Other Office Supplies	96.75
TOTAL						96.75
Bill Pmt -Check	01/17/2013	16622	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	01/05/2013	01/05/2013	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 12/23/12-01/05/13	2000 · Accounts Payable	6,828.43
TOTAL						6,828.43
Bill Pmt -Check	01/17/2013	16623	R&D PEST SERVICES	0162334	1012 · Bank of America Gen'l Ckg	
Bill	01/04/2013	0162334		Continuing preventative treatment	6024 · Building Repair & Maintenance	85.00
TOTAL						85.00
Bill Pmt -Check	01/17/2013	16624	SAN BERNARDINO COUNTY FLOOD CONTROL	Permit #P-198284	1012 · Bank of America Gen'l Ckg	
Bill	01/15/2013	Permit #P-198284		Annual Inspection Fee for San Sevain Channel	6909.3 · Other OBMP Expenses	1,740.00
TOTAL						1,740.00
Bill Pmt -Check	01/17/2013	16625	THE LAWTON GROUP	6017	1012 · Bank of America Gen'l Ckg	
Bill	01/15/2013	19590		Week ending 1/06/13	6017 · Temporary Services	460.80
TOTAL						460.80
Bill Pmt -Check	01/17/2013	16626	VERIZON BUSINESS	62391513	1012 · Bank of America Gen'l Ckg	
Bill	01/10/2013	62391513		62391513	6053 · Internet Expense	1,548.25
TOTAL						1,548.25
Bill Pmt -Check	01/17/2013	16627	VERIZON WIRELESS	1152366186	1012 · Bank of America Gen'l Ckg	
Bill	01/15/2013	1152366186		Telephone monthly service	6022 · Telephone	405.61
TOTAL						405.61
Bill Pmt -Check	01/17/2013	16628	ACWA JOINT POWERS INSURANCE AUTHORITY	00198	1012 · Bank of America Gen'l Ckg	
Bill	01/15/2013	00198		00198	1409 · Prepaid Life, BAD&D & LTD	203.42
TOTAL						203.42
Bill Pmt -Check	01/17/2013	16629	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	12/31/2012	XXXX-XXXX-XXXX-9341		RMPU mtg w/ PK, DM, Herrema, and MW	7204 · Comp Recharge-Supplies	153.24
				Staff luncheon	6141.3 · Admin Meetings	267.86
				2012 1099-Misc Tax forms	6031.7 · Other Office Supplies	30.16
				Quick Books software upgrade	6054 · Computer Software	1,800.00
				PK lunch w/Eunice Ujloa	8312 · Meeting Expenses	23.56
				PK lunch after court hearing	6909.1 · OBMP Meetings	26.80
TOTAL						2,301.62

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month**  
**January 2013**

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	01/17/2013	16630	CALIFORNIA GROUNDWATER COALITION	2013 Category 3 Membership Dues	1012 · Bank of America Gen'l Ckg	
Bill	01/15/2013			2013 Membership Dues-Jan/Jun	6111 · Membership Dues	4,750.00
				2013 Membership Dues-Jul/Dec	1433 · Prepaid Membership Dues	4,750.00
TOTAL						9,500.00
Bill Pmt -Check	01/17/2013	16631	CALPERS 457 PLAN	Record Payroll and Taxes for 12/23/12-01/05/13	1012 · Bank of America Gen'l Ckg	
General Journal	01/05/2013	01/05/2013	CALPERS 457 PLAN	Employee 457 deductions for 12/23/12-01/05/13	2000 · Accounts Payable	2,998.41
TOTAL						2,998.41
Bill Pmt -Check	01/17/2013	16632	COMPUTER NETWORK		1012 · Bank of America Gen'l Ckg	
Bill	12/31/2012	85789		External hard drive, APC 550	6055 · Computer Hardware	538.75
Bill	12/31/2012	85793		HP printer repairs	6057 · Computer Maintenance	330.81
TOTAL						869.56
Bill Pmt -Check	01/17/2013	16633	CORELOGIC INFORMATION SOLUTIONS	80702004	1012 · Bank of America Gen'l Ckg	
Bill	12/31/2012	80702004		80702004	7103.7 · Grdwtr Qual-Computer Svc	62.50
				80702004	7101.4 · Prod Monitor-Computer	62.50
TOTAL						125.00
Bill Pmt -Check	01/17/2013	16634	GUARANTEED JANITORIAL SERVICE, INC.	6-29497	1012 · Bank of America Gen'l Ckg	
Bill	01/15/2013	6-29497		Janitorial Service - January 2013	6024 · Building Repair & Maintenance	865.00
TOTAL						865.00
Bill Pmt -Check	01/17/2013	16635	HOGAN LOVELLS	2707428	1012 · Bank of America Gen'l Ckg	
Bill	12/31/2012	2707428		Non-Ag Pool Legal Services - December 2012	8567 · Non-Ag Legal Service	2,362.50
TOTAL						2,362.50
General Journal	01/19/2013	01/19/2013	Payroll and Taxes for 01/06/13-01/19/13	Payroll and Taxes for 01/06/13-01/19/13	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 01/06/13-01/19/13	1012 · Bank of America Gen'l Ckg	19,107.85
				Payroll Taxes for 01/06/13-01/19/13	1014 · Bank of America P/R Ckg	7,440.89
TOTAL						26,548.74
Bill Pmt -Check	01/23/2013	16636	A-1 AIR DUCT CLEANING CO.		1012 · Bank of America Gen'l Ckg	
Bill	01/17/2013			Office air duct cleaning	6024 · Building Repair & Maintenance	2,500.00
TOTAL						2,500.00
Bill Pmt -Check	01/23/2013	16637	CALPERS	1394905143	1012 · Bank of America Gen'l Ckg	
Bill	01/14/2013	1394905143		Medical insurance premium - February 2013	60182.1 · Medical Insurance	4,948.14
TOTAL						4,948.14
Bill Pmt -Check	01/23/2013	16638	CALPERS 457 PLAN	Payroll and Taxes for 01/06/13-01/19/13	1012 · Bank of America Gen'l Ckg	

**CHINO BASIN WATERMASTER**  
Cash Disbursements For The Month  
January 2013

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
General Journal	01/19/2013	01/19/2013	CALPERS 457 PLAN	Employee deductions for 01/06/13-01/19/13	2000 · Accounts Payable	2,998.41
TOTAL						2,998.41
Bill Pmt -Check	01/23/2013	16639	CARPET CARE CONNECTION	15599	1012 · Bank of America Gen'l Ckg	
Bill	01/19/2013	15599		Clean carpets throughout office	6024 · Building Repair & Maintenance	659.84
TOTAL						659.84
Bill Pmt -Check	01/23/2013	16640	COMPUTER NETWORK	86220	1012 · Bank of America Gen'l Ckg	
Bill	01/17/2013	86220		Replacement workstation for accountant	6055 · Computer Hardware	1,512.00
TOTAL						1,512.00
Bill Pmt -Check	01/23/2013	16641	CUCAMONGA VALLEY WATER DISTRICT	Lease due February 1, 2013	1012 · Bank of America Gen'l Ckg	
Bill	01/16/2013			Office lease due February 1, 2013	1422 · Prepaid Rent	6,098.00
TOTAL						6,098.00
Bill Pmt -Check	01/23/2013	16642	EUROFINS EATON ANALYTICAL		1012 · Bank of America Gen'l Ckg	
Bill	12/31/2012	L0105785		L0105785	7108.4 · Hydraulic Control-Lab Svcs	2,065.00
Bill	12/31/2012	L0105786		L0105786	7108.4 · Hydraulic Control-Lab Svcs	615.00
Bill	12/31/2012	L0106218		L0106218	7108.4 · Hydraulic Control-Lab Svcs	2,065.00
Bill	12/31/2012	L0107786		L0107786	7108.4 · Hydraulic Control-Lab Svcs	2,065.00
Bill	12/31/2012	L0106501		L0106501	7108.4 · Hydraulic Control-Lab Svcs	615.00
Bill	12/31/2012	L0107790		L0107790	7108.4 · Hydraulic Control-Lab Svcs	2,360.00
TOTAL						9,785.00
Bill Pmt -Check	01/23/2013	16643	GLOBAL PRESENTER.COM	53011	1012 · Bank of America Gen'l Ckg	
Bill	01/16/2013	53011		Microphone adj./maintenance for boardroom	6057 · Computer Maintenance	315.00
TOTAL						315.00
Bill Pmt -Check	01/23/2013	16644	LEGAL SHIELD	111802	1012 · Bank of America Gen'l Ckg	
Bill	01/15/2013	0111802		Employee deductions - January 2013	60194 · Other Employee Insurance	51.80
TOTAL						51.80
Bill Pmt -Check	01/23/2013	16645	PITNEY BOWES CREDIT CORPORATION	6684246-JA13	1012 · Bank of America Gen'l Ckg	
Bill	01/13/2013	6684246-JA13		Leasing charges	6044 · Postage Meter Lease	553.72
TOTAL						553.72
Bill Pmt -Check	01/23/2013	16646	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	01/19/2013	01/19/2013	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 01/06/13-01/19/13	2000 · Accounts Payable	6,892.05
TOTAL						6,892.05

P 103

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month  
January 2013

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	01/23/2013	16647	STAULA, MARY L	Retiree Medical	1012 · Bank of America Gen'l Ckg	
Bill	01/31/2013				60182.4 · Retiree Medical	136.61
TOTAL						136.61
Bill Pmt -Check	01/23/2013	16648	THE LAWTON GROUP	6017	1012 · Bank of America Gen'l Ckg	
Bill	01/18/2013	19620		Week ending 1/13/13	6017 · Temporary Services	741.60
				Week ending 1/13/13	6017 · Temporary Services	768.00
TOTAL						1,509.60
Bill Pmt -Check	01/23/2013	16649	UNITED HEALTHCARE	0030170201	1012 · Bank of America Gen'l Ckg	
Bill	01/12/2013	0030170201		Dental insurance - February 2013	60182.2 · Dental & Vision Ins	499.33
TOTAL						499.33
Bill Pmt -Check	01/23/2013	16650	WESTERN DENTAL SERVICES, INC.	11882	1012 · Bank of America Gen'l Ckg	
Bill	01/16/2013	11882		Dental insurance - January 2013	60182.2 · Dental & Vision Ins	28.88
TOTAL						28.88
P104	Bill Pmt -Check	01/23/2013	16651	WILDERMUTH ENVIRONMENTAL INC	1012 · Bank of America Gen'l Ckg	
	Bill	12/31/2012	2012329	2012329	6906 · OBMP Engineering Services	2,364.14
	Bill	12/31/2012	2012330	2012330	6906 · OBMP Engineering Services	524.14
	Bill	12/31/2012	2012331	2012331	6906 · OBMP Engineering Services	706.23
	Bill	12/31/2012	2012332	2012332	6906 · OBMP Engineering Services	3,165.00
	Bill	12/31/2012	2012333	2012333	6906 · OBMP Engineering Services	2,767.50
	Bill	12/31/2012	2012334	2012334	6906 · OBMP Engineering Services	25,711.50
	Bill	12/31/2012	2012335	2012335	7103.3 · Grdwtr Qual-Engineering	348.75
	Bill	12/31/2012	2012336	2012336	7104.3 · Grdwtr Level-Engineering	12,934.70
	Bill	12/31/2012	2012337	2012337	7107.61 · Grd Level-Chino Hills ASR	421.25
	Bill	12/31/2012	2012338	2012338	7107.2 · Grd Level-Engineering	8,753.54
	Bill	12/31/2012	2012339	2012339	7108.3 · Hydraulic Control-Engineering	399.12
	Bill	12/31/2012	2012340	2012340	7108.3 · Hydraulic Control-Engineering	353.75
	Bill	12/31/2012	2012341	2012341	7108.7 · Hydraulic Control - Prado Basin	5,036.93
	Bill	12/31/2012	2012342	2012342	7202.3 · Comp Recharge-Implementation	13,306.19
	Bill	12/31/2012	2012343	2012343	7402 · PE4-Engineering	3,766.25
	Bill	12/31/2012	2012344	2012344	7101.31 · Prod Monitor-Engineering-Sub	560.98
	Bill	12/31/2012	2012345	2012345	7103.31 · Grdwtr Qual-Engineering SubCont	1,803.15
	Bill	12/31/2012	2012346	2012346	6902.31 · OBMP - Wildermuth Staff	781.37
TOTAL						83,704.49
Bill Pmt -Check	01/23/2013	16652	CUCAMONGA VALLEY IAAP	Jan. 23, 2013 Chapter Meeting	1012 · Bank of America Gen'l Ckg	
Bill	01/23/2013	Jan. 23, 2013 Mtg		Fee for J. Wilson and S. Molino	6192 · Training & Seminars	60.00

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month**  
**January 2013**

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>
TOTAL							60.00
	Bill Pmt -Check	01/29/2013	16653	ARROWHEAD MOUNTAIN SPRING WATER	0023230253	1012 · Bank of America Gen'l Ckg	
	Bill	01/24/2013	0023230253		Office Water Bottle - January 2013	6031.7 · Other Office Supplies	72.21
TOTAL							72.21
	Bill Pmt -Check	01/29/2013	16654	CARPET CARE CONNECTION	15606	1012 · Bank of America Gen'l Ckg	
	Bill	01/24/2013	15606		Clean carpets throughout office	6024 · Building Repair & Maintenance	45.00
TOTAL							45.00
	Bill Pmt -Check	01/29/2013	16655	DAN VASILE	DV Urgent Care - Rancho Cucamonga	1012 · Bank of America Gen'l Ckg	
	Bill	01/24/2013			Pre-employment physical - Bianca Ruiz	6016 · New Employee Search Costs	120.00
TOTAL							120.00
	Bill Pmt -Check	01/29/2013	16656	DIRECTV	019447404	1012 · Bank of America Gen'l Ckg	
	Bill	01/20/2013	019447404		Office service for 1/19/13 -2/18/13	6031.7 · Other Office Supplies	89.99
TOTAL							89.99
	Bill Pmt -Check	01/29/2013	16657	g.Neil	INV0928805	1012 · Bank of America Gen'l Ckg	
	Bill	01/24/2013	INV0928805		Poster guard protection-HR Posters-12 months	6031.7 · Other Office Supplies	59.99
TOTAL							59.99
	Bill Pmt -Check	01/29/2013	16658	JOHN J. SCHATZ		1012 · Bank of America Gen'l Ckg	
	Bill	12/31/2012			Approp. Pool Legal Services - Jul-Dec. 2012	8367 · Legal Service	39,201.52
TOTAL							39,201.52
	Bill Pmt -Check	01/29/2013	16659	PRAXAIR DISTRIBUTION, INC.		1012 · Bank of America Gen'l Ckg	
	Bill	01/20/2013	45090971		Water quality supplies	7103.6 · Grdwtr Qual-Supplies	23.61
	Bill	01/20/2013	45054134		Water quality supplies	7103.6 · Grdwtr Qual-Supplies	62.64
TOTAL							86.25
	Bill Pmt -Check	01/29/2013	16660	PRINTING RESOURCES	59134	1012 · Bank of America Gen'l Ckg	
	Bill	01/18/2013	59134		Nameplates for Art Bennett	6031.7 · Other Office Supplies	28.50
TOTAL							28.50
	Bill Pmt -Check	01/29/2013	16661	PURCHASE POWER	8000909000168851	1012 · Bank of America Gen'l Ckg	
	Bill	12/31/2012	8000909000168851		Paperwork from CBWM to WEI, INC.	6042 · Postage - General	24.60
TOTAL							24.60
	Bill Pmt -Check	01/29/2013	16662	RIGHT OF WAY, INC.	9867	1012 · Bank of America Gen'l Ckg	

P 105

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month**  
**January 2013**

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	01/28/2013	9867		9867	7103.6 · Grdwtr Qual-Supplies	195.00
TOTAL						195.00
Bill Pmt -Check	01/29/2013	16663	STANDARD INSURANCE CO.	Policy # 00-649299-0009	1012 · Bank of America Gen'l Ckg	
Bill	01/24/2013	006492990009		Policy # 00-649299-0009	60191 · Life & Disab.Ins Benefits	458.28
TOTAL						458.28
Bill Pmt -Check	01/29/2013	16664	STAPLES BUSINESS ADVANTAGE	8024363343	1012 · Bank of America Gen'l Ckg	
Bill	01/20/2013	8024363343		Replacement office chairs	6031.7 · Other Office Supplies	628.54
TOTAL						628.54
Bill Pmt -Check	01/29/2013	16665	STATE COMPENSATION INSURANCE FUND	1970970-12	1012 · Bank of America Gen'l Ckg	
Bill	01/20/2013	1970970-12		Premium on account - 1/26/13-2/26/13	60183 · Worker's Comp Insurance	899.25
TOTAL						899.25
Bill Pmt -Check	01/29/2013	16666	THE LAWTON GROUP	6017	1012 · Bank of America Gen'l Ckg	
Bill	01/20/2013	19668		Week ending 1/20/13	6017 · Temporary Services	824.00
				Week ending 1/20/13	6017 · Temporary Services	763.78
TOTAL						1,587.78
Bill Pmt -Check	01/29/2013	16667	USA-FACT INC	2045923-IN	1012 · Bank of America Gen'l Ckg	
Bill	01/24/2013	2045923-IN		Pre-employment background - Bianca Ruiz	6016 · New Employee Search Costs	200.29
TOTAL						200.29
Bill Pmt -Check	01/29/2013	16668	VISION SERVICE PLAN	00-101789-0001	1012 · Bank of America Gen'l Ckg	
Bill	01/28/2013	001017890001		Vision insurance - February 2013	60182.2 · Dental & Vision Ins	44.15
TOTAL						44.15
					<b>Total Disbursements:</b>	<b>2,582,176.78</b>

P 106

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