



April 25<sup>th</sup>!



April 25<sup>th</sup>!



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# CHINO BASIN WATERMASTER



## NOTICE OF MEETING

Thursday, April 26, 2012

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



April 25<sup>th</sup>!



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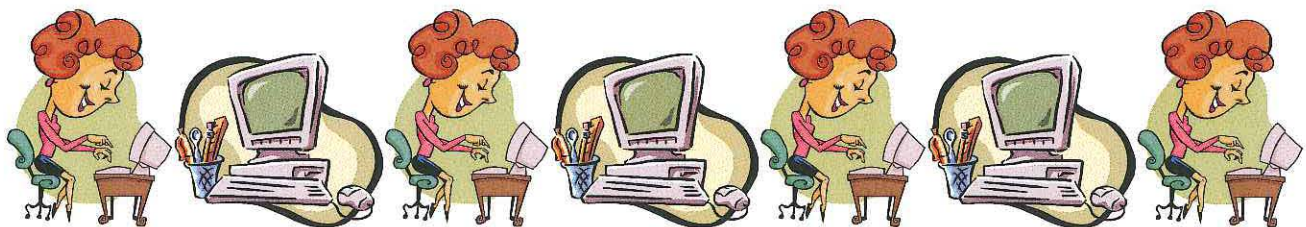


# **CHINO BASIN WATERMASTER**

**Thursday, April 26, 2012**

11:00 a.m. – Watermaster Board Meeting

## **AGENDA PACKAGE**



**CHINO BASIN WATERMASTER  
WATERMASTER BOARD MEETING**

11:00 a.m. – April 26 2012

**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 Watermaster Board Meeting held March 22, 2012 *(Page 1)*

**B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of February 2012 *(Page 7)*
2. Watermaster VISA Check Detail for the month of February 2012 *(Page 19)*
3. Combining Schedule for the Period July 1, 2011 through February 29, 2012 *(Page 23)*
4. Treasurer's Report of Financial Affairs for the Period February 1, 2012 through February 29, 2012 *(Page 27)*
5. Budget vs. Actual Report for the Period July 1, 2011 through February 29, 2012 *(Page 31)*

**C. WATER TRANSACTION**

1. **Consider Approval for Notice of Sale or Transfer** – The lease and/or purchase of 2.372 acre-feet of water from San Antonio Water Company to Monte Vista Water District as a method of utilizing its SAWCO shares. This lease is made first from San Antonio's net underproduction in FY 2011-2012, with any remainder to be recaptured from storage. Date of application: February 9, 2012 *(Page 39)*
2. **Consider Approval for Notice of Sale or Transfer** – The lease and/or purchase of 500.000 acre-feet of water from San Antonio Water Company to Monte Vista Water District. This lease is made first from San Antonio's net underproduction in FY 2011-2012, with any remainder to be recaptured from storage. Date of application: February 14, 2012 *(Page 53)*

**II. BUSINESS ITEMS**

**A. WATERMASTER INVESTMENT POLICY**

Consider Approval of the Amended Watermaster Investment Policy to Include Investment Trust of California (CalTRUST) - *(Page 63)*

**B. WATERMASTER RESOLUTION 12-04 APPROVING MEMBERSHIP IN THE ACWA JOINT POWERS AUTHORITY**

Consider Approval of Resolution 12-04 Approving Membership in the ACWA Joint Powers Authority, Consenting to Join the Health benefits Program of the ACWA Joint Powers Insurance Authority, Ratifying the Action of the ACWA Health Benefits Authority Board of Directors to Terminate the Health Benefits Authority Joint Powers Agreement and Authorizing and Directing the Chino Basin Watermaster to Execute All Necessary Documents (Page 71)

**III. REPORTS/UPDATES**

**A. LEGAL REPORT**

1. Restated Judgment
2. Extension of Time for San Sevaine Project State Water Resources Control Board Permit 20753
3. Paragraph 31 Motion

**B. CEO/STAFF REPORT**

1. Recharge Master Plan Update/Storage Issues Review Process
2. OBMP Semi Annual Status Report 2011-2 (Page 79)
3. Fiscal Year 2012/2013 Watermaster Budget

**IV. INFORMATION**

1. Cash Disbursements for March 2012 (Page 87)

**V. COMMITTEE MEMBER COMMENTS**

**A. JURUPA COMMUNITY SERVICES DISTRICT PRESENTATION**

1. Hydrologic Imbalance in Management Zone-3 of the Chino Basin (Page 99)

**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.

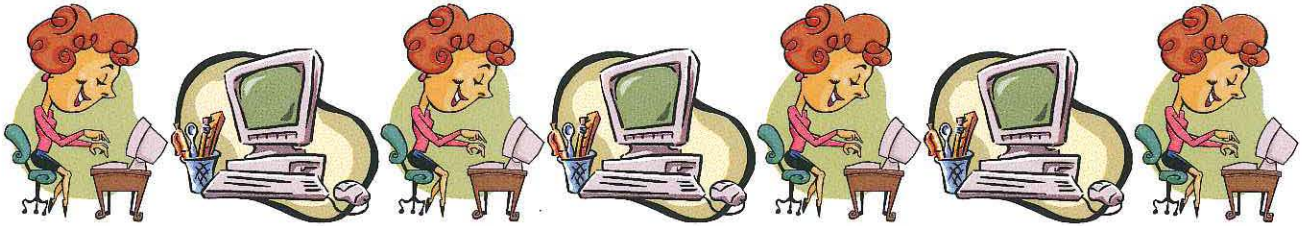
1. CEO Recruitment
2. Paragraph 31 Motion

**VIII. FUTURE MEETINGS AT WATERMASTER**

Thursday, April 26, 2012	9:00 a.m.	Land Subsidence Committee Meeting
Thursday, April 26, 2012	11:00 a.m.	Watermaster Board Meeting
<b>Thursday, April 26, 2012</b>	<b>1:30 p.m.</b>	<b>Watermaster FY 2012/2013 Budget Workshop</b>
Thursday, May 3, 2012	10:00 a.m.	CB RMPU Steering Comm. and Storage Mtg.
Thursday, May 10, 2012	9:00 a.m.	Appropriative Pool Meeting
Thursday, May 10, 2012	11:00 a.m.	Non-Agricultural Pool Conference Call Mtg.
Thursday, May 10, 2012	1:30 p.m.	Agricultural Pool Meeting
Thursday, May 17, 2012	9:00 a.m.	Advisory Committee Meeting
Thursday, May 17, 2012	10:00 a.m.	CB RMPU Steering Comm. and Storage Mtg.
Tuesday, May 22, 2012	9:00 a.m.	GRCC Meeting
Thursday, May 24, 2012	11:00 a.m.	Watermaster Board Meeting

**Meeting Adjourn**



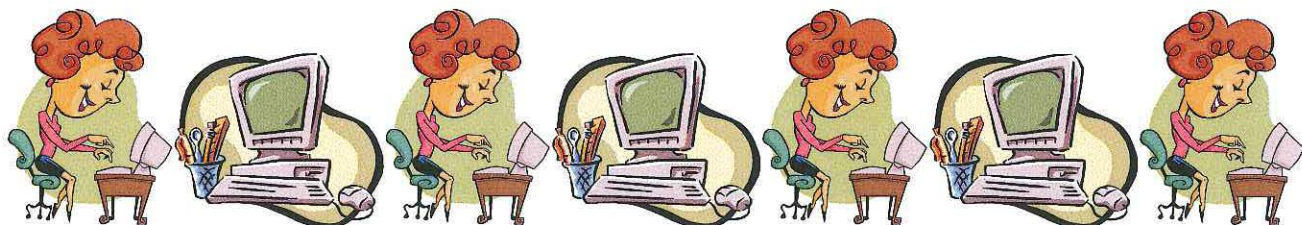


# CHINO BASIN WATERMASTER

## I. CONSENT CALENDAR

### A. MINUTES

1. Watermaster Board Meeting held on March 22, 2012



**DRAFT MINUTES**  
**CHINO BASIN WATERMASTER**  
**WATERMASTER BOARD MEETING**  
*March 22, 2012*

The Watermaster Board Meeting was held at the offices of the Chino Basin Watermaster, 9641 San Bernardino Road, Rancho Cucamonga, CA, on March 22, 2012 at 11:00 a.m.

**WATERMASTER BOARD MEMBERS PRESENT**

Bob Kuhn, Chair  
Jim Curatalo  
Paula Lantz  
Steve Elie  
Bob Bowcock  
Charles Field  
Bill Kruger  
Paul Hofer  
Geoffrey Vanden Heuvel

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

**Watermaster Staff Present**

Ken Jeske  
Danielle Maurizio  
Joseph Joswiak  
Gerald Greene  
Sherri Molino

Interim CEO  
Senior Engineer  
Chief Financial Officer  
Senior Environmental Engineer  
Recording Secretary

**Watermaster Consultants Present**

Scott Slater  
Brad Herrema  
Andy Malone

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

**Others Present**

Jeff Pierson  
Pete Hall  
Mark Kinsey  
Sandra Rose  
Art Kidman  
David DeJesus  
Marty Zvirbulis  
Jo Lynne Russo-Pereyra  
Hank Stoy  
Raul Garibay  
Dave Crosley  
Ron Craig  
Mike Maestas  
Scott Burton  
Sheri Rojo  
Craig Miller  
Terry Catlin  
Curtis Paxton  
Tim Mim Mack  
Jack Safely  
Ben Lewis

Ag Pool – Crops  
Ag Pool – State of California – CIM  
Monte Vista Water District  
Monte Vista Water District  
McCormick, Kidman & Behrens  
Three Valleys Municipal Water District  
Cucamonga Valley Water District  
Cucamonga Valley Water District  
Cucamonga Valley Water District  
City of Pomona  
City of Chino  
City of Chino Hills  
City of Chino Hills  
City of Ontario  
Fontana Water Company  
Inland Empire Utilities Agency  
Inland Empire Utilities Agency  
Chino Desalter Authority  
Chino Desalter Authority  
Western Municipal Water District  
Golden State Water Company

Robert DeLoach  
Daryl Grigsby

DeLoach & Associates, LLC  
City of Pomona

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

**PLEDGE OF ALLEGIANCE**

**AGENDA - ADDITIONS/REORDER**

There were no additions or reorders made to the agenda.

**I. CONSENT CALENDAR**

**A. MINUTES**

1. Minutes of the Watermaster Board Meeting held February 23, 2012

**B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of January 2012
2. Watermaster VISA Check Detail for the month of January 2012
3. Combining Schedule for the Period July 1, 2011 through January 31, 2012
4. Treasurer's Report of Financial Affairs for the Period January 1, 2012 through January 31, 2012
5. Budget vs. Actual Report for the Period July 1, 2011 through January 31, 2012

*Motion by Catlin, second by Curatalo, and by unanimous vote*

***Moved to approve Consent Calendar items A and B, as presented***

**II. BUSINESS ITEMS**

**A. MATERIAL PHYSICAL INJURY ANALYSIS**

Mr. Jeske stated over the past couple of months Watermaster has received several applications for storage, some of which have included applications for recharge. Mr. Jeske stated this particular item was a Material Physical Injury Analysis (MPIA) for the City of Ontario which has been completed on their Application for a Local Supplemental Storage Agreement. Mr. Jeske stated all of the applications are going to be reviewed within a review process. Mr. Jeske stated all three Pools and the Advisory Committee passed this item unanimously.

*Motion by Kruger, second by Curatalo, and by unanimous vote*

***Moved to receive and file the Material Physical Injury Analysis for the City of Ontario Application for Local Storage Agreement, as presented***

**B. PROPOSED SUPPLEMENTAL ORDER FOR RESOLUTION 2010-04**

Counsel Slater stated this is follow-up item having to do with the entry of the proposed stipulation request for direction regarding the Chino Desalter Authority (CDA) expansion. Counsel Slater stated there was a question about potential impacts on private wells and there is a CDA process pursuant to which potential harm would be evaluated, and that was done in connection with CEQA; the court wanted to make sure that the individual private well owners were not waiving whatever water rights/property rights they had by the court approving the expansion. Counsel Slater stated this supplemental order has been prepared, circulated, and commented on, and we are not aware of any objections. Counsel Slater stated this has been approved through the Pools and Advisory Committee. Mr. Vanden Heuvel noted this item was of interest to the Agricultural Pool and that Pool reviewed it, and it satisfies their concerns.

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

***Moved to approve the supplemental order for Resolution 2010-04, as presented***

**C. PROPOSED CASH RESERVE POLICY**

Mr. Jeske stated this is a part of beginning the assessment process for last year and the budget process for this year. Mr. Jeske stated there has been a good amount of discussion at several meetings on Watermaster reserves. Mr. Jeske stated the Board recommended that Watermaster hold a workshop on this topic and that has taken place. Mr. Jeske stated before you today are the recommendations out of the workshop and out of the recent Pool meetings. Mr. Jeske stated all three Pools and the Advisory Committee have recommended approval of the proposed Cash Reserve Policy. Mr. Jeske stated Watermaster will continue to require the six month operating reserve for cash flow and instead of Watermaster holding as much cash for OBMP and administrative contingency reserves, the recommendation is to hold 10% for administrative and 15% for OBMP reserves. Mr. Jeske stated the policy also deals with the return of excess cash reserves, which was an issue last year, and it includes how Watermaster deals with recharge improvement debt payments. Mr. Jeske stated not included, at the request of all three Pools and Advisory Committee, is the start of a reserve for proactive replenishment work; that will have to be reviewed on a case-by-case basis. Mr. Jeske stated it is staff's recommendation to approve the presented policy. Mr. Jeske noted it has been requested by a few parties that Watermaster take another look at its Investment Policy and staff is working on that now. A discussion on investments ensued.

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

***Moved to approve Cash Reserve Policy 4.17, as presented***

**D. CEO RECRUITMENT CONTRACT**

Mr. Jeske stated this item has gone through the three Pools and Advisory Committee with unanimous support. Mr. Jeske stated this item is needed to move forward with a thorough recruitment process that includes input from the various Pools and groups. Mr. Jeske stated it is best to move forward with a professional firm in that business to assist in this entire endeavor. Mr. Jeske stated it is recommended to appropriate \$32,000 as the maximum amount for this recruitment firm. Mr. Jeske stated there is the question of who to use, and that will be discussed during closed session today.

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

***Moved to appropriate \$32,000 to fund the Watermaster CEO Recruitment contract and costs, and authorize Interim CEO to complete negotiating and execute a contract with the recruitment consultant, as presented***

**III. REPORTS/UPDATES****A. ENGINEERING REPORT****1. Extensometer Progress**

Mr. Malone stated Watermaster is getting ready to install a sophisticated monitoring facility to monitor land subsidence that might be associated with Desalter pumping. Mr. Malone gave the Extensometer Progress presentation in detail. Mr. Malone stated installation will begin in April and it will be finished before the end of the fiscal year. Mr. Malone reviewed several maps in detail. Mr. Malone stated there are a number of agreements for this endeavor, one is the land lease agreement with the County and Watermaster approved that last month, and the County Board of Supervisors at the end of this month is scheduled to approve it. Mr. Malone stated the second agreement is the reimbursement agreement that Watermaster and the Chino Desalter Authority have agreed to. Mr. Elie inquired about some of the wells and inquired if they were deep or shallow. Mr. Malone stated they are deep but they will only pump from the shallow aquifers zone because they are backfilled in the deep part of the aquifer system with gravel and then they have a cement cap. Mr. Malone offered further comment on Mr. Elie's question. Mr. Hofer inquired as to what the benchmark is for critical subsidence. Mr. Malone stated for this basin it has been feet of subsidence that has led to the ground fissuring. Mr. Malone stated the ground fissuring is really the hazard that is trying to be avoided the most. Mr. Malone offered further comment on differential subsidence. Mr. Hofer inquired what would be anticipated in a situation like



this for subsidence. Mr. Malone stated some limited monitoring has been done in the past and some subsidence has occurred. Mr. Malone stated they are not expecting to see subsidence here; however, there is a potential for feet to occur, but again they are not expecting to see that occur. A discussion regarding this matter ensued. Mr. Malone stated the Watermaster process for this is that there is a formed Land Subsidence Committee which meets several times a year to review this type of data, and recommendations will come from that review of the data on how to proceed or if mitigation is required by the Land Subsidence Committee.

## **B. CEO/STAFF REPORT**

### **1. Recharge Master Plan Update/Storage Issues Review Process**

Mr. Jeske stated with regard to the Recharge Master Plan Update, there is a court filing due in June, and then again in 2013. Mr. Jeske stated the June filing is to provide pathways through 2013 showing decision points, decision making and data updates, and to show how we can move forward for the next year. Mr. Jeske offered comment on what the committee has been working on. Mr. Jeske stated it is anticipated to bring the draft reports to the committee a week or two before the Pool meetings, and then discuss that with both the Watermaster attorney and engineering consultants. Mr. Jeske stated this will provide us the opportunity to start working on storage issues. Mr. Jeske stated at this point in time, it appears this is on schedule, and noted these will not be easy decisions to make this coming fall/winter; however, they are decisions we can work through with good data and commitment from all the parties to come up with resolutions that make sense.

Mr. Vanden Heuvel inquired to Mr. Jeske if he thought this plan will propose any hard projects in the near term. Mr. Jeske stated it may and noted the data has changed quite a bit from the first-cut data that staff had two months ago. Mr. Jeske stated it looks like we need to address some of the problems and offered further comment on this matter. Mr. Jeske stated this is all part of the engineering work that Watermaster is doing now and will do over the next couple years to determine what the impacts may be from nearby basins to areas of pumping depression. Mr. Vanden Heuvel stated he knows that Jurupa Community Services District (JCSD), in the past, has brought to our attention several times their concerns regarding MZ3, and he wanted to make sure that those concerns are being satisfactorily addressed through this process. Mr. Jeske stated JCSD is an active partner in the process and they have been supportive of the process that Watermaster has proposed to move forward with in June.

### **2. Investment Policy**

Mr. Jeske stated this item was previously mentioned when discussing the reserves.

### **3. Record and Document Request**

Mr. Jeske stated quite frequently Watermaster staff gets requests, particularly on Fridays when we are short staffed and trying to get agendas packages out, and sometimes from third parties. Mr. Jeske stated when people call in and reach one of the support staff, sometimes it is very unclear what they want or need, and in looking at how to make this easier on them and on Watermaster staff, an already Board approved policy is in place which is not being utilized presently. Mr. Jeske stated on the back table is the Request for Information form which is also posted to the Watermaster website, along with the Resolution adopting this policy that staff is now requesting be used each and every time any kind of information is being requested. Mr. Jeske stated this will alleviate any confusion on what the party wants. Chair Kuhn offered comment and inquired if that was done with any kind of a time limit set on it for written requests. Mr. Jeske stated the policy stated ten working days from receipt of the request. A discussion regarding this matter ensued. Mr. Elie inquired if the policy has people paying for copies and items like that. Mr. Jeske stated it does provide for that, except for parties who are parties to the Judgment.

4. Restated Judgment

Counsel Slater stated Watermaster is taking a pause from the Restated Judgment to address the settlement around Paragraph 31. Counsel Slater stated some of the parties have expressed concerns related to the process for creating a new official Judgment, and then there is a second layer of the utility of an annotated version. Counsel Slater stated while the parties are supportive of the notion of having an unofficial annotated version Watermaster is working on the previous stated item and there is no urgency to addressing the restatement, so the Pools have asked for a pause on this item and staff would like to grant that request. Counsel Slater stated this item will come back soon.

IV. INFORMATION

1. Cash Disbursements for February 2012  
No comment was made.

V. BOARD MEMBER COMMENTS

Mr. Field thanked Counsel Slater on doing a wonderful job.

VI. OTHER BUSINESS

No comment was made.

The regular open Watermaster Board meeting was convened to hold its confidential session at 11:26 a.m.

Chair Kuhn inquired if the alternates could attend the confidential session today. Counsel Slater stated at the discretion of this Board there is no problem to have the alternates attend as they are the equivalent of the designee and also bound by the rules of confidentiality. Counsel Slater stated if the Board finds it helpful to communicate the information and make it clear what the intention of the Board is, he finds no problem with that request.

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. CEO Recruitment
2. Paragraph 31 Motion

The confidential session concluded at 12:20 p.m.

Chair Kuhn stated Counsel Slater will provide the motions from the confidential session.

1. Moved to retain Roberts Consulting Group Inc. for the executive search, and then in approximately two weeks hold a special Watermaster Board meeting with a single item agenda to discuss with Mr. Roberts the scope of work and provide direction for the CEO search.

Counsel Slater stated in lieu of reading the list of reportable items on the Paragraph 31 motion, Counsel Slater handed the following written document to the recording secretary.

1. Approved a settlement among Watermaster, the Appropriative Pool and the Overlying (Non-Agricultural) Pool finally resolving the pending dispute regarding the Purchase and Sale Agreement Between Watermaster and the Overlying (Non-Agricultural) Pool - (otherwise referred to as the Paragraph 31 Appeal).
2. The essential terms of the Settlement are set forth in the Settlement Agreement.
3. The Board finds that:
  - A. Pursuant to Paragraph H of the Purchase and Sale Agreement, that if the Tentative Opinion of the Court of Appeal becomes final, the option will not have

been exercised and the stored water will become surplus. Paragraph H of the Purchase and Sale Agreement set forth permissible distribution of surplus water pursuant to the Judgment.

- B. As surplus stored water it may be transferred to Watermaster and then the members of the Appropriative Pool as provided in Paragraph 8 of the Judgment and Exhibit G Paragraph 9(iv) of the Judgment.
  - C. The pending dispute, delays and uncertainty caused by the litigation provide good cause for the Parties to the Settlement to substitute the time and price schedules in the Settlement Agreement for the Parties for those set forth in Exhibit G, Paragraph 9(iv).
  - D. The substitute time and price schedules have been reached consensually by arms length bargaining.
  - E. There is no evidence that the members of the Overlying (Non-Agricultural) Pool are out of compliance with their obligation to use recycled water and in absence of such evidence the Board finds compliance with Exhibit G, Paragraph 9(g).
  - F. As the stored water will be transferred to Watermaster and then individual members of the Appropriative Pool in accordance with Exhibit G, Paragraph 9(iv), it may be used for beneficial use in the same manner as other stored water in the members of the Appropriative Pool local storage accounts.
4. Counsel is authorized to make changes to the Settlement Agreement that do not modify any material terms.
  5. The Board is approving the Settlement Agreement on condition that the Appropriative Pool approves the assessments set forth in Exhibit C.
  6. The Chair is authorized to execute the Settlement Agreement after the Appropriative Pool has approved the assessments and the Settlement Agreement.

**VIII. FUTURE MEETINGS AT WATERMASTER**

Thursday, April 5, 2012	10:00 a.m.	CB RMPU Steering Committee Mtg.
Thursday, April 12, 2012	9:00 a.m.	Appropriative Pool Meeting
Thursday, April 12, 2012	11:00 a.m.	Non-Agricultural Pool Conference Call Mtg.
Thursday, April 12, 2012	<b>1:30 p.m.*</b>	Agricultural Pool Meeting
Thursday, April 19, 2012	9:00 a.m.	Advisory Committee Meeting
Thursday, April 19, 2012	10:00 a.m.	CB RMPU Steering Committee Mtg.
Thursday, April 26, 2012	11:00 a.m.	Watermaster Board Meeting

**\* PLEASE NOTE: THE AGRICULTURAL POOL HAS CHANGED THEIR REGULAR MEETING TIME FROM 2:00 P.M. TO 1:30 P.M.**

Chair Kuhn adjourned the Watermaster Board meeting at 12:21 p.m.

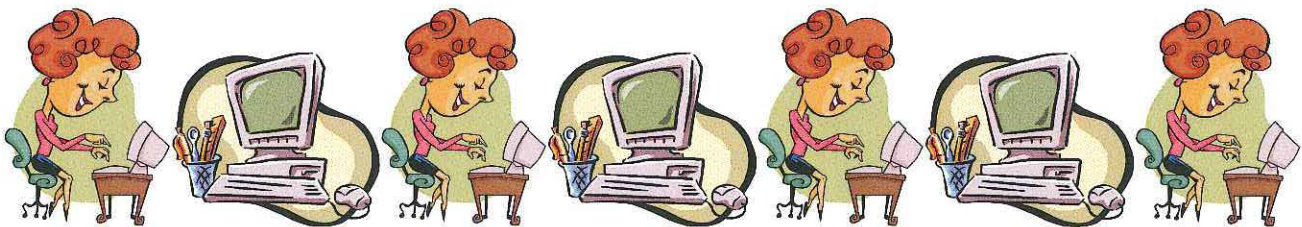


# CHINO BASIN WATERMASTER

## I. CONSENT CALENDAR

### **B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of February 2012
2. Watermaster VISA Check Detail for the month of February 2012
3. Combining Schedule for the Period July 1, 2011 through February 29, 2012
4. Treasurer's Report of Financial Affairs for the Period February 1, 2012 through February 29, 2012
5. Budget vs. Actual Report for the Period July 1, 2011 through February 29, 2012







# CHINO BASIN WATERMASTER

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

## STAFF REPORT

**DATE:** April 26, 2012  
**TO:** Board Members  
**SUBJECT:** Cash Disbursement Report – Financial Report B1

### SUMMARY

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

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

**Fiscal Impact** – Funds disbursed were included in the FY 2011-2012 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 February 2012 were \$550,218.44. The most significant expenditures during the month were to Wildermuth Environmental, Inc. in the amount of \$144,001.19 (check number 15837 dated February 22, 2012), Fontana Water Company (check number 15814 dated February 15, 2012) and Brownstein Hyatt Farber Schreck in the amount of \$58,808.78 (check number 15819 dated February 22, 2012).

### Actions:

April 12, 2012 Appropriative Pool – Approved unanimously  
April 12, 2012 Non-Agricultural Pool – Moved to receive and file without approval  
April 12, 2012 Agricultural Pool – Approved unanimously  
April 19, 2012 Advisory Committee – Approved unanimously  
April 26, 2012 Watermaster Board –

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**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**February 2012**

Financial Report - B1

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	02/02/2012	15769	ACWA SERVICES CORPORATION	00198	1012 · Bank of America Gen'l Ckg	
Bill	01/26/2012	00198		Prepayment - February 2012	1409 · Prepaid Life, BAD&D & LTD	129.07
				January 2012	60191 · Life & Disab.Ins Benefits	129.06
TOTAL						258.13
Bill Pmt -Check	02/02/2012	15770	CALPERS 457 PLAN	Payroll and taxes for 01/08/12-01/21/12	1012 · Bank of America Gen'l Ckg	
General Journal	01/27/2012	01/27/2012	CALPERS 457 PLAN	Employee Deductions for 01/08/12-01/21/12	2000 · Accounts Payable	2,805.62
TOTAL						2,805.62
Bill Pmt -Check	02/02/2012	15771	DIRECTV	019447404	1012 · Bank of America Gen'l Ckg	
Bill	01/26/2012	019447404		1/19/12 - 2/18/12	6031.7 · Other Office Supplies	86.99
TOTAL						86.99
Bill Pmt -Check	02/02/2012	15772	HOGAN LOVELLS	2638336	1012 · Bank of America Gen'l Ckg	
Bill	01/26/2012	2638336		Non-Ag Pool Legal Services for December 2011	8567 · Non-Ag Legal Service	1,842.75
TOTAL						1,842.75
Bill Pmt -Check	02/02/2012	15773	PAUL HASTINGS LLP	1912510	1012 · Bank of America Gen'l Ckg	
Bill	01/26/2012	1912510		Ag Pool Legal Services for December 2011	8467 · Ag Legal & Technical Services	8,670.81
TOTAL						8,670.81
Bill Pmt -Check	02/02/2012	15774	STANDARD INSURANCE CO.	Policy # 00-640888-0009	1012 · Bank of America Gen'l Ckg	
Bill	01/26/2012	006408880009		Policy # 00-640888-0009	60191 · Life & Disab.Ins Benefits	539.66
TOTAL						539.66
Bill Pmt -Check	02/02/2012	15775	STATE COMPENSATION INSURANCE FUND	1970970-11	1012 · Bank of America Gen'l Ckg	
Bill	01/26/2012	1970970-11		January 2012	60183 · Worker's Comp Insurance	1,210.90
TOTAL						1,210.90
Bill Pmt -Check	02/02/2012	15776	UNITED HEALTHCARE	0026627593	1012 · Bank of America Gen'l Ckg	
Bill	01/26/2012	0026627593		Dental Insurance - February 2012	60182.2 · Dental & Vision Ins	447.47
TOTAL						447.47
Bill Pmt -Check	02/02/2012	15777	VISION SERVICE PLAN	00-101789-0001	1012 · Bank of America Gen'l Ckg	
Bill	01/26/2012	001017890001		Vision Insurance - February 2012	60182.2 · Dental & Vision Ins	26.71
TOTAL						26.71
Bill Pmt -Check	02/02/2012	15778	WATSON WINDOW WASHING		1012 · Bank of America Gen'l Ckg	
Bill	01/26/2012			Office window cleaning	6024 · Building Repair & Maintenance	179.00

P 9

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**February 2012**

Financial Report - B1

	<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Paid Amount</u>
TOTAL							179.00
	Bill Pmt -Check	02/02/2012	15779	CALPERS	1394905143	1012 · Bank of America Gen'l Ckg	
	Bill	01/26/2012	1394905143		Medical Insurance - February 2012	60182.1 · Medical Insurance	5,782.68
TOTAL							<u>5,782.68</u>
	General Journal	02/04/2012	02/04/2012	Payroll and Taxes for 01/22/12-02/04/12	Payroll and Taxes for 01/22/12-02/04/12	1012 · Bank of America Gen'l Ckg	
					Payroll Taxes for 01/22/12-02/04/12	1012 · Bank of America Gen'l Ckg	11,962.43
					Direct Deposits for 01/22/12-02/04/12	1012 · Bank of America Gen'l Ckg	25,395.83
TOTAL							<u>37,358.26</u>
	Bill Pmt -Check	02/06/2012	15780	DGO AUTO DETAILING		1012 · Bank of America Gen'l Ckg	
	Bill	01/31/2012			Wash on 01/11/12 and 01/26/12	6177 · Vehicle Repairs & Maintenance	125.00
TOTAL							<u>125.00</u>
	Bill Pmt -Check	02/07/2012	15781	KRUGER, W. C. "BILL"		1012 · Bank of America Gen'l Ckg	
	Bill	01/04/2012	1/04 Assmnt Pkg		1/04/12 Assessment Package Workshop	6311 · Board Member Compensation	125.00
	Bill	01/12/2012	1/12 Appro Pool Mtg		1/12/12 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00
	Bill	01/19/2012	1/19 Advisory Comm		1/19/12 Advisory Committee Meeting	6311 · Board Member Compensation	125.00
	Bill	01/26/2012	1/26 Board Mtg		1/26/12 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL							<u>500.00</u>
	Bill Pmt -Check	02/07/2012	15782	VANDEN HEUVEL, GEOFFREY	6311	1012 · Bank of America Gen'l Ckg	
	Bill	01/12/2012	1/12 Admin Conf Call		1/12/12 Administrative Conference Call	6311 · Board Member Compensation	125.00
	Bill	01/26/2012	1/26 Board Mtg		1/26/12 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL							<u>250.00</u>
	Bill Pmt -Check	02/07/2012	15783	APPLIED COMPUTER TECHNOLOGIES	2044	1012 · Bank of America Gen'l Ckg	
	Bill	01/31/2012	2044		Database Services - January 2012	6052.2 · Applied Computer Technol	3,133.75
TOTAL							<u>3,133.75</u>
	Bill Pmt -Check	02/07/2012	15784	ARROWHEAD MOUNTAIN SPRING WATER	0023230253	1012 · Bank of America Gen'l Ckg	
	Bill	01/31/2012	0023230253		Office Water Bottle - January 2012	6031.7 · Other Office Supplies	38.94
TOTAL							<u>38.94</u>
	Bill Pmt -Check	02/07/2012	15785	HSBC BUSINESS SOLUTIONS	7003-7309-1000-2744	1012 · Bank of America Gen'l Ckg	
	Bill	01/31/2012	7003730910002744		Miscellaneous office supplies	6031.7 · Other Office Supplies	321.73
TOTAL							<u>321.73</u>
	Bill Pmt -Check	02/07/2012	15786	JAMES JOHNSTON	251	1012 · Bank of America Gen'l Ckg	

P10



**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**February 2012**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	01/31/2012	251		Website Services - January 2012	6052.3 · Website Consulting	855.00
TOTAL						855.00
Bill Pmt -Check	02/07/2012	15787	MCCALL'S METER SALES & SERVICE	21887	1012 · Bank of America Gen'l Ckg	
Bill	01/31/2012	21887		21887	7102.8 · In-line Meter-Calib & Test	225.00
TOTAL						225.00
Bill Pmt -Check	02/07/2012	15788	PARK PLACE COMPUTER SOLUTIONS, INC.	459	1012 · Bank of America Gen'l Ckg	
Bill	01/31/2012	459		IT Services - January 2012	6052.1 · Park Place Comp Solutn	2,325.00
TOTAL						2,325.00
Bill Pmt -Check	02/07/2012	15789	PRINTING RESOURCES	57675	1012 · Bank of America Gen'l Ckg	
Bill	01/31/2012	57675		Setup/Business cards for Ken Jeske (250)	6031.7 · Other Office Supplies	110.93
TOTAL						110.93
Bill Pmt -Check	02/07/2012	15790	UNION 76	300-732-989	1012 · Bank of America Gen'l Ckg	
Bill	01/31/2012	300732989		Fuel costs - January 2012	6175 · Vehicle Fuel	180.23
TOTAL						180.23
Bill Pmt -Check	02/07/2012	15791	VERIZON		1012 · Bank of America Gen'l Ckg	
Bill	01/31/2012	012561121521714508		Field Operations - 012561121521714508	7405 · PE4-Other Expense	168.47
Bill	01/31/2012	012519116960792103		Monthly office - 012519116960792103	6022 · Telephone	435.73
TOTAL						604.20
Bill Pmt -Check	02/07/2012	15792	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	01/27/2012	01/27/2012	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS for 01/08/12-01/21/12	2000 · Accounts Payable	8,293.04
TOTAL						8,293.04
Bill Pmt -Check	02/07/2012	15793	PURCHASE POWER	8000909000168851	1012 · Bank of America Gen'l Ckg	
Bill	01/31/2012	8000909000168851		Send invoices to and from WM	6042 · Postage - General	84.50
TOTAL						84.50
Bill Pmt -Check	02/07/2012	15794	STAPLES BUSINESS ADVANTAGE	8020821652	1012 · Bank of America Gen'l Ckg	
Bill	01/31/2012	8020821652		Miscellaneous office supplies	6031.7 · Other Office Supplies	424.47
TOTAL						424.47
Bill Pmt -Check	02/07/2012	15795	THE LAWTON GROUP	6017	1012 · Bank of America Gen'l Ckg	
Bill	01/31/2012	1VC070000018076		Week ending 1/22/12	6017 · Temporary Services	659.20
TOTAL						659.20

P11

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**February 2012**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	02/07/2012	15796	YUKON DISPOSAL SERVICE	08-K2 213849	1012 · Bank of America Gen'l Ckg	
Bill	01/31/2012	08-k2 213849		Service for February 2012	6024 · Building Repair & Maintenance	106.53
TOTAL						106.53
Bill Pmt -Check	02/07/2012	15797	BOWCOCK, ROBERT		1012 · Bank of America Gen'l Ckg	
Bill	01/04/2012	1/04 Assmnt Pkg		1/04/12 Assessment Package Workshop	6311 · Board Member Compensation	125.00
Bill	01/26/2012	1/26 Board Mtg		1/26/12 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						250.00
Bill Pmt -Check	02/07/2012	15798	CURATALO, JAMES	1/26/12 Board Meeting	1012 · Bank of America Gen'l Ckg	
Bill	01/26/2012	1/26 Board Mtg		1/26/12 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	02/07/2012	15799	ELIE, STEVEN	1/26/12 Board Meeting	1012 · Bank of America Gen'l Ckg	
Bill	01/26/2012	1/26 Board Mtg		1/26/12 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	02/07/2012	15800	KUHN, BOB		1012 · Bank of America Gen'l Ckg	
Bill	01/12/2012	1/12 Admin Conf Call		1/12/12 Administrative Conference Call	6311 · Board Member Compensation	125.00
Bill	01/19/2012	1/19 Advisory Comm		1/19/12 Advisory Committee Meeting	6311 · Board Member Compensation	125.00
Bill	01/26/2012	1/26 Board Mtg		1/26/12 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						375.00
Bill Pmt -Check	02/07/2012	15801	LANTZ, PAULA		1012 · Bank of America Gen'l Ckg	
Bill	01/12/2012	1/12 Admin Conf Call		1/12/12 Administrative Conference Call	6311 · Board Member Compensation	125.00
Bill	01/17/2012	1/17 RMP Wkshp		1/17/12 RMP Meeting	6311 · Board Member Compensation	125.00
Bill	01/19/2012	1/19 Advisory Comm		1/19/12 Advisory Committee Meeting	6311 · Board Member Compensation	125.00
Bill	01/26/2012	1/26 Board Mtg		1/26/12 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						500.00
Bill Pmt -Check	02/07/2012	15802	DE BOOM, NATHAN	AG Pool Member Meeting Compensation	1012 · Bank of America Gen'l Ckg	
Bill	01/12/2012	1/12 Ag Pool Mtg		1/12/12 Ag Pool Meeting	8411 · Compensation	25.00
				Ag Pool Member Compensation	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	02/07/2012	15803	DURRINGTON, GLEN	AG POOL MEMBER COMPENSATION	1012 · Bank of America Gen'l Ckg	
Bill	01/12/2012	1/12 Ag Pool Meeting		1/12/12 Ag Pool Meeting	8411 · Compensation	25.00
				Ag Pool Member Compensation	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00

P12

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**February 2012**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	02/07/2012	15804	FEENSTRA, BOB		1012 · Bank of America Gen'l Ckg	
Bill	01/19/2012	1/19 Advisory Comm		1/19/12 Advisory Committee Meeting	8411 · Compensation	25.00
				1/19/12 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	01/26/2012	1/26 Board Mtg		1/26/12 Board Meeting	8411 · Compensation	25.00
				1/26/12 Board Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	01/31/2012	1/12 Ag Pool Mtg		1/12/12 Ag Pool Meeting	8411 · Compensation	25.00
				1/12/12 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						375.00
Bill Pmt -Check	02/07/2012	15805	HALL, PETE*		1012 · Bank of America Gen'l Ckg	
Bill	01/19/2012	1/19 Advisory Comm		1/19/12 Advisory Committee Meeting	8411 · Compensation	25.00
				Ag Pool Member Compensation	8470 · Ag Meeting Attend -Special	100.00
Bill	01/26/2012	1/26 Board Mtg		1/26/12 Board Meeting	8411 · Compensation	25.00
				Ag Pool Member Compensation	8470 · Ag Meeting Attend -Special	100.00
TOTAL						250.00
Bill Pmt -Check	02/07/2012	15806	HUITSING, JOHN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	01/12/2012	1/12 Ag Pool Mtg		1/12/12 Ag Pool Meeting	8411 · Compensation	25.00
				Ag Pool Member Compensation	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	02/07/2012	15807	KOOPMAN, GENE	AG Pool Member Meeting Compensation	1012 · Bank of America Gen'l Ckg	
Bill	01/12/2012	1/12 Ag Pool Mtg		1/12/12 Ag Pool Meeting	8411 · Compensation	25.00
				Ag Pool Member Compensation	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	02/07/2012	15808	PIERSON, JEFFREY		1012 · Bank of America Gen'l Ckg	
Bill	01/12/2012	1/12 Ag Pool Mtg		1/12/12 Ag Pool Meeting	8411 · Compensation	25.00
				1/12/12 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	01/19/2012	1/19 Advisory Comm		1/19/12 Advisory Committee Meeting	8411 · Compensation	25.00
				1/19/12 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	01/26/2012	1/26 Board Meeting		1/26/12 Board Meeting	8411 · Compensation	25.00
				1/26/12 Board Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						375.00
Bill Pmt -Check	02/07/2012	15809	VANDEN HEUVEL, ROB	AG POOL MEMBER COMPENSATION	1012 · Bank of America Gen'l Ckg	
Bill	01/12/2012	1/12 Ag Pool Mtg		1/12/12 Ag Pool Meeting	8411 · Compensation	25.00
				Ag Pool Member Compensation	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00

P13  
 28

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**February 2012**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	02/08/2012	15810	INLAND EMPIRE UTILITIES AGENCY	1800001994	1012 · Bank of America Gen'l Ckg	
Bill	01/31/2012	1800001994		1800001994	7690 · Recharge Improvement Debt Pymt	3,000.00
TOTAL						3,000.00
Bill Pmt -Check	02/08/2012	15811	MWH LABORATORIES		1012 · Bank of America Gen'l Ckg	
Bill	01/31/2012	L0076838		L0076838	7108.4 · Hydraulic Control-Lab Svcs	1,770.00
Bill	01/31/2012	L0076456		L0076456	7108.4 · Hydraulic Control-Lab Svcs	615.00
Bill	01/31/2012	L0076455		L0076455	7108.4 · Hydraulic Control-Lab Svcs	2,065.00
Bill	01/31/2012	L0077462		L0077462	7108.4 · Hydraulic Control-Lab Svcs	1,532.00
Bill	01/31/2012	L0076452		L0077452	7108.4 · Hydraulic Control-Lab Svcs	615.00
Bill	01/31/2012	L0076451		L0076451	7108.4 · Hydraulic Control-Lab Svcs	2,065.00
Bill	01/31/2012	L0076450		L0076450	7108.4 · Hydraulic Control-Lab Svcs	1,475.00
TOTAL						10,137.00
Bill Pmt -Check	02/08/2012	15812	SAN BERNARDINO COUNTY FLOOD CONTROL   FC 124/12		1012 · Bank of America Gen'l Ckg	
Bill	01/31/2012	FC 124/12		San Sevaine Channel Reconstruction Project	7207 · Comp Recharge-Other	23,805.39
TOTAL						23,805.39
P14 Bill Pmt -Check	02/08/2012	15813	COMPUTER NETWORK	83405	1012 · Bank of America Gen'l Ckg	
Bill	01/31/2012	83405		83405	6055 · Computer Hardware	221.98
TOTAL						221.98
Check	02/15/2012	02/15/2012	Service Charge	Service Charge	1012 · Bank of America Gen'l Ckg	
				Service Charge	6031.7 · Other Office Supplies	44.85
TOTAL						44.85
Check	02/15/2012	15814	FONTANA WATER COMPANY		1012 · Bank of America Gen'l Ckg	
Credit Memo	02/06/2012	AP12-06CR		Refund of Excess Reserves-Assessments	9996 · Refund-Excess Reserves-Approp.	138,931.82
				Refund of Excess Reserves-Recharge Debt	9998 · Refund-Recharge Debt-Approp.	6.75
TOTAL						138,938.57
Check	02/15/2012	15815	GENERAL ELECTRIC COMPANY		1012 · Bank of America Gen'l Ckg	
Credit Memo	02/06/2012	NAG12-05CR		CURO Adjustment	4224 · CURO Adjustment	70.58
				Non-Agricultural Pool Adjustment of Legal	4123.3 · Non-Ag Pool-Special Assessment	169.72
				Refund of Excess Reserves-Assessments	9997 · Refund-Excess Reserve-NonAg	200.07
TOTAL						440.37
Check	02/15/2012	15816	VULCAN MATERIALS COMPANY		1012 · Bank of America Gen'l Ckg	
Credit Memo	02/06/2012	NAG12-16CR		Refund of Excess Reserves-Assessments	9997 · Refund-Excess Reserve-NonAg	74.46
				Non-Agricultural Pool Adjustment of Legal	4123.3 · Non-Ag Pool-Special Assessment	7.85



**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**February 2012**

Financial Report - B1

	<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Paid Amount</u>
TOTAL							82.31
	General Journal	02/18/2012	02/18/2012	Payroll and Taxes for 02/05/12-02/18/12	Payroll and Taxes for 02/05/12-02/18/12	1012 · Bank of America Gen'l Ckg	
					Payroll Taxes for 02/05/12-02/18/12	1012 · Bank of America Gen'l Ckg	9,660.91
					Direct Deposits for 02/05/12-02/18/12	1012 · Bank of America Gen'l Ckg	22,499.60
TOTAL							32,160.51
	Bill Pmt -Check	02/22/2012	15817	AMERICAN GROUND WATER TRUST	CD of Presenations Jan. 30-31, 2012 Conf.	1012 · Bank of America Gen'l Ckg	
	Bill	02/13/2012			Purchase cd of presentations	6191 · Conferences - General	20.00
TOTAL							20.00
	Bill Pmt -Check	02/22/2012	15818	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
	Bill	01/31/2012	XXXX-XXXX-XXXX-9341		Fastrack replenishment	6174 · Transportation	30.00
					Registration fee-Maurizio & Greene-AGWT	6191 · Conferences - General	460.00
					1099 Tax Forms	6031.7 · Other Office Supplies	25.86
					Lunch for 1/26/12 Board meeting	6312 · Meeting Expenses	392.06
TOTAL							907.92
P15	Bill Pmt -Check	02/22/2012	15819	BROWNSTEIN HYATT FARBER SCHRECK		1012 · Bank of America Gen'l Ckg	
	Bill	01/31/2012	445627		445627 - BHFS Legal - Appropriative Pool	8375 · BHFS Legal - Appropriative Pool	2,316.10
					445627 - BHFS Legal - Agricultural Pool	8475 · BHFS Legal - Agricultural Pool	2,316.10
					445627 - BHFS Legal - Non-Ag Pool	8575 · BHFS Legal - Non-Ag Pool	1,806.95
					445627 - BHFS Legal - Advisory Committee	6275 · BHFS Legal - Advisory Committee	2,534.96
					445627 - BHFS Legal - Board Meeting	6375 · BHFS Legal - Board Meeting	2,427.00
					445627 - BHFS Legal - Personnel Matters	6073 · BHFS Legal - Personnel Matters	1,621.14
					445627 - BHFS Legal - Storage Agreements	6076 · BHFS Legal - Storage Agreements	5,054.07
					445627 - BHFS Legal - Miscellaneous	6078 · BHFS Legal - Miscellaneous	5,249.69
					445627 - Paragraph 31 Motion	6907.35 · Paragraph 31 Motion	5,266.35
					445627 - Recharge Master Plan	6907.39 · Recharge Master Plan	2,793.29
	Bill	01/31/2012	445628		445628 - BHFS Legal - Personnel Matters	6073 · BHFS Legal - Personnel Matters	12,475.50
	Bill	01/31/2012	445629		445629 - Chino Airport Plume	6907.32 · Chino Airport Plume	175.50
	Bill	01/31/2012	445630		445630 - Paragraph 31 Motion	6907.35 · Paragraph 31 Motion	14,772.13
TOTAL							58,808.78
	Bill Pmt -Check	02/22/2012	15820	CALPERS 457 PLAN	Payroll and Taxes for 01/22/12-02/04/12	1012 · Bank of America Gen'l Ckg	
	General Journal	02/04/2012	02/04/2012	CALPERS 457 PLAN	Employee Deductions for 01/22/12-02/04/12	2000 · Accounts Payable	11,435.10
TOTAL							11,435.10
	Bill Pmt -Check	02/22/2012	15821	COMPUTER NETWORK		1012 · Bank of America Gen'l Ckg	
	Bill	01/31/2012	82950		HP Designjet Postscript Upgrade	6054 · Computer Software	1,535.44

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**February 2012**

Financial Report - B1

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	01/31/2012	82949		HP Designjet T2300 Printer - Replacement	6055 · Computer Hardware	8,620.00
Bill	02/03/2012	83446		Repair projector in board room	6057 · Computer Maintenance	300.00
TOTAL						10,455.44
Bill Pmt -Check	02/22/2012	15822	CUCAMONGA VALLEY WATER DISTRICT	Lease Due March 1, 2012	1012 · Bank of America Gen'l Ckg	
Bill	02/15/2012			Lease Due March 1, 2012	1422 · Prepaid Rent	5,984.00
TOTAL						5,984.00
Bill Pmt -Check	02/22/2012	15823	GREAT AMERICA LEASING CORP.	11862159	1012 · Bank of America Gen'l Ckg	
Bill	01/31/2012	11862159		Monthly Lease Invoice	6043.1 · Ricoh Lease Fee	2,788.53
				Usage for Black Copies	6043.2 · Ricoh Usage & Maintenance Fee	292.15
				Usage for Color Copies	6043.2 · Ricoh Usage & Maintenance Fee	224.08
TOTAL						3,304.76
Bill Pmt -Check	02/22/2012	15824	GUARANTEED JANITORIAL SERVICE, INC.	1-28887	1012 · Bank of America Gen'l Ckg	
Bill	02/01/2012	1-28887		Janitorial Service - February 2012	6024 · Building Repair & Maintenance	865.00
TOTAL						865.00
P 16						
Bill Pmt -Check	02/22/2012	15825	MWH LABORATORIES		1012 · Bank of America Gen'l Ckg	
Bill	01/31/2012	L0077444		L0077444 - Hydraulic Control-Lab Svcs	7108.4 · Hydraulic Control-Lab Svcs	615.00
Bill	01/31/2012	L0077445		L0077445 - Hydraulic Control-Lab Svcs	7108.4 · Hydraulic Control-Lab Svcs	2,065.00
Bill	01/31/2012	L0077645		L0077645 - Hydraulic Control-Lab Svcs	7108.4 · Hydraulic Control-Lab Svcs	1,770.00
Bill	01/31/2012	L0077447		L0077447 - Hydraulic Control-Lab Svcs	7108.4 · Hydraulic Control-Lab Svcs	1,532.00
Bill	01/31/2012	L0078443		L0078443 - Hydraulic Control-Lab Svcs	7108.4 · Hydraulic Control-Lab Svcs	2,065.00
Bill	01/31/2012	L0078444		L0078444 - Hydraulic Control-Lab Svcs	7108.4 · Hydraulic Control-Lab Svcs	615.00
Bill	01/31/2012	L0078445		L0078445 - Hydraulic Control-Lab Svcs	7108.4 · Hydraulic Control-Lab Svcs	1,770.00
TOTAL						10,432.00
Bill Pmt -Check	02/22/2012	15826	PAYCHEX	2012020200	1012 · Bank of America Gen'l Ckg	
Bill	01/31/2012	2012020200		Payroll Service - January 2012	6012 · Payroll Services	393.57
TOTAL						393.57
Bill Pmt -Check	02/22/2012	15827	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	02/04/2012	02/04/2012	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS for 01/22/12-02/04/12	2000 · Accounts Payable	8,074.07
TOTAL						8,074.07
Bill Pmt -Check	02/22/2012	15828	RAUCH COMMUNICATION CONSULTANTS, LLC	Feb-1206	1012 · Bank of America Gen'l Ckg	
Bill	01/31/2012	Feb-1206		Progress Billing - CBWM Annual Report	6061.3 · Rauch	2,028.75
TOTAL						2,028.75

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**February 2012**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	02/22/2012	15829	SAFEGUARD DENTAL & VISION	4190814	1012 · Bank of America Gen'l Ckg	
Bill	02/01/2012	4190814		Vision Insurance - February 2012	60182.2 · Dental & Vision Ins	7.91
TOTAL						7.91
Bill Pmt -Check	02/22/2012	15830	STAPLES BUSINESS ADVANTAGE		1012 · Bank of America Gen'l Ckg	
Bill	01/31/2012	8020887455		Miscellaneous office supplies	6031.7 · Other Office Supplies	54.92
Bill	02/04/2012	8020968323		Miscellaneous office supplies	6031.7 · Other Office Supplies	39.52
TOTAL						94.44
Bill Pmt -Check	02/22/2012	15831	STAULA, MARY L	Retiree Medical	1012 · Bank of America Gen'l Ckg	
Bill	02/29/2012				60182.4 · Retiree Medical	136.61
TOTAL						136.61
Bill Pmt -Check	02/22/2012	15832	THE LAWTON GROUP	6017	1012 · Bank of America Gen'l Ckg	
Bill	01/31/2012	1VC070000018102		Week ending 1/29/12	6017 · Temporary Services	824.00
TOTAL						824.00
Bill Pmt -Check	02/22/2012	15833	UNITED PARCEL SERVICE	2x81x0	1012 · Bank of America Gen'l Ckg	
Bill	01/31/2012	2x81x0		Package to Andy Malone @ WE Inc.	6042 · Postage - General	25.37
TOTAL						25.37
Bill Pmt -Check	02/22/2012	15834	VERIZON BUSINESS	64217340	1012 · Bank of America Gen'l Ckg	
Bill	02/13/2012	64217340		64217340	6053 · Internet Expense	1,562.96
TOTAL						1,562.96
Bill Pmt -Check	02/22/2012	15835	VERIZON WIRELESS	1054382992	1012 · Bank of America Gen'l Ckg	
Bill	02/13/2012	1054382992		Monthly service	6022 · Telephone	406.91
TOTAL						406.91
Bill Pmt -Check	02/22/2012	15836	WESTERN DENTAL SERVICES, INC.	002483	1012 · Bank of America Gen'l Ckg	
Bill	02/13/2012	002483		Dental Insurance - March 2012	60182.2 · Dental & Vision Ins	28.88
TOTAL						28.88
Bill Pmt -Check	02/22/2012	15837	WILDERMUTH ENVIRONMENTAL INC		1012 · Bank of America Gen'l Ckg	
Bill	01/31/2012	2012010		2012010 - Grd Level-Engineering	7107.2 · Grd Level-Engineering	6,212.50
Bill	01/31/2012	2012011		2012011 - OBMP Engineering Services	6906 · OBMP Engineering Services	5,262.50
Bill	01/31/2012	2012012		2012012 - OBMP Engineering Services	6906 · OBMP Engineering Services	575.00
Bill	01/31/2012	2012013		2012013 - OBMP Engineering Services	6906 · OBMP Engineering Services	3,825.26
Bill	01/31/2012	2012014		2012014 - Grdwtr Level-Engineering	7104.3 · Grdwtr Level-Engineering	21,813.44
Bill	01/31/2012	2012015		2012015 - Grdwtr Qual-Engineering	7103.3 · Grdwtr Qual-Engineering	13,393.75

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**February 2012**

<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Paid Amount</u>
Bill	01/31/2012	2012016		2012016 - Hydraulic Control-Engineering	7108.3 · Hydraulic Control-Engineering	12,913.65
Bill	01/31/2012	2012017		2012017 - Hydraulic Control-Engineering	7108.3 · Hydraulic Control-Engineering	907.43
Bill	01/31/2012	2012018		2012018 - Hydraulic Control-Engineering	7108.3 · Hydraulic Control-Engineering	8,373.72
Bill	01/31/2012	2012019		2012019 - Grd Level-Engineering	7107.2 · Grd Level-Engineering	24,997.60
				Associated Engineers - Contract Svcs	7107.6 · Grd Level-Contract Svcs	11,000.00
Bill	01/31/2012	2012020		2012020 - PE3&5-Engineering	7303 · PE3&5-Engineering	4,300.00
Bill	01/31/2012	2012021		2012021 - PE4-Engineering	7402 · PE4-Engineering	3,825.00
Bill	01/31/2012	2012022		2012022 - OBMP Engineering Services	6906 · OBMP Engineering Services	4,727.50
Bill	01/31/2012	2012023		2012023 - Comp Recharge-Implementation	7202.3 · Comp Recharge-Implementation	15,957.59
Bill	01/31/2012	2012024		2012024 - PE6&7-Engineering	7502 · PE6&7-Engineering	5,476.25
Bill	01/31/2012	2012025		2012025 - OBMP Engineering Services	6906 · OBMP Engineering Services	440.00
TOTAL						144,001.19
<b>General Journal</b>	<b>02/29/2012</b>	<b>02/29/2012</b>	<b>Wage Works Direct Debits - February 2012</b>	<b>Wage Works Direct Debits - February 2012</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
				Wage Works Direct Debits - February 2012	1012 · Bank of America Gen'l Ckg	495.40
				Wage Works Direct Debits - February 2012	1012 · Bank of America Gen'l Ckg	495.40
				Wage Works Direct Debits - February 2012	1012 · Bank of America Gen'l Ckg	76.25
				Wage Works Direct Debits - February 2012	1012 · Bank of America Gen'l Ckg	76.25
						1,143.30
					<b>Total Disbursements:</b>	<b>550,218.44</b>

TOTAL  
8



# 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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## STAFF REPORT

**DATE:** April 26, 2012  
**TO:** Board Members  
**SUBJECT:** VISA Check Detail Report – Financial Report B2

### SUMMARY

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

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

**Fiscal Impact** – Funds disbursed were included in the FY 2011-2012 Watermaster Budget.

### BACKGROUND

A monthly VISA Check Detail report is provided to keep all members apprised of Watermaster expenditures charged against the CEO and/or CFO's Bank of America VISA card.

### DISCUSSION

Total cash disbursement during the month of February 2012 was \$907.92. The monthly charges for February 2012 were for routine and customary expenditures and properly documented with receipts.

### Actions:

April 12, 2012 Appropriative Pool – Approved unanimously  
April 12, 2012 Non-Agricultural Pool – Moved to receive and file without approval  
April 12, 2012 Agricultural Pool – Approved unanimously  
April 19, 2012 Advisory Committee – Approved unanimously  
April 26, 2012 Watermaster Board –

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CHINO BASIN WATERMASTER  
 VISA Check Detail Report  
 February 2012

Type	Num	Date	Name	Memo	Account	Paid Amount
Bill Pmt -Check	02/22/2012	15818	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	01/31/2012	XXXX-XXXX-XXXX-9341		Fastrack replenishment	6174 · Transportation	30.00
				Registration fee-Maurizio & Greene-AGWT	6191 · Conferences - General	460.00
				1099 Tax Forms	6031.7 · Other Office Supplies	25.86
				Lunch for 1/26/12 Board meeting	6312 · Meeting Expenses	392.06
TOTAL					<b>Total Disbursements:</b>	<b>907.92</b>

P21

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# CHINO BASIN WATERMASTER

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## STAFF REPORT

**DATE:** April 26, 2012  
**TO:** Board Members  
**SUBJECT:** Combining Schedule of Revenue, Expenses and Changes in Working Capital for the Period July 1, 2011 through February 29, 2012 - Financial Report B3

### SUMMARY

**Issue** – Record of Revenue, Expenses and Changes in Working Capital for the Period July 1, 2011 through February 29, 2012.

**Recommendation** – Staff recommends the Combining Schedule of Revenue, Expenses and Changes in Working Capital for the Period July 1, 2011 through February 29, 2012 be received and filed as presented.

**Fiscal Impact** – Funds disbursed were included in the FY 2011-2012 Watermaster Budget.

### BACKGROUND

A Combining Schedule of Revenue, Expenses and Changes in Working Capital for the period July 1, 2011 through February 29, 2012 is provided to keep all members apprised of the FY 2011/2012 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 has been created from various financial reports and statements created from QuickBooks Enterprise Solutions 9.0, the Watermaster accounting system. The Combining Schedule provided balances to the supporting documentation in the Watermaster accounting system as presented.

### Actions:

April 12, 2012 Appropriative Pool – Approved unanimously  
April 12, 2012 Non-Agricultural Pool – Moved to receive and file without approval  
April 12, 2012 Agricultural Pool – Approved unanimously  
April 19, 2012 Advisory Committee – Approved unanimously  
April 26, 2012 Watermaster Board –

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CHINO BASIN WATERMASTER  
COMBINING SCHEDULE OF REVENUE, EXPENSES AND CHANGES IN WORKING CAPITAL  
FOR THE PERIOD JULY 1, 2011 THROUGH FEBRUARY 29, 2012

Financial Report - B3

	WATERMASTER ADMINISTRATION	OPTIMUM BASIN MANAGEMENT	POOL ADMINISTRATION & SPECIAL PROJECTS			GROUNDWATER OPERATIONS		EDUCATION FUNDS	GRAND TOTALS	BUDGET 2011-2012
			APPROPRIATIVE POOL	AG POOL	NON-AG POOL	GROUNDWATER REPLENISHMENT	SB222 FUNDS			
<b>Administrative Revenues:</b>										
Administrative Assessments			5,844,372		252,359				6,096,730	\$6,097,177
Interest Revenue			7,674	912	286			1	8,872	150,010
Mutual Agency Project Revenue	705,777								705,777	654,580
Grant Income									-	0
Miscellaneous Income									-	0
<b>Total Revenues</b>	<b>705,777</b>	<b>-</b>	<b>5,852,046</b>	<b>912</b>	<b>252,644</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>6,811,379</b>	<b>6,901,767</b>
<b>Administrative &amp; Project Expenditures:</b>										
Watermaster Administration	491,115								491,115	577,107
Watermaster Board-Advisory Committee	127,787								127,787	155,297
Ag Pool Misc. Expense - Ag Fund				99					99	-
Pool Administration			35,146	111,924	80,299				227,369	503,822
Optimum Basin Mgmt Administration		916,685							916,685	1,279,496
OBMP Project Costs		2,777,213							2,777,213	4,139,706
Debt Service		178,135							178,135	450,964
Education Funds Use								375	375	375
Mutual Agency Project Costs									-	10,000
<b>Total Administrative/OBMP Expenses</b>	<b>618,902</b>	<b>3,872,033</b>	<b>35,146</b>	<b>111,924</b>	<b>80,299</b>	<b>-</b>	<b>-</b>	<b>375</b>	<b>4,718,779</b>	<b>7,116,767</b>
Net Administrative/OBMP Expenses	86,875	(3,872,033)								
Allocate Net Admin Expenses To Pools	(86,875)		(59,929)	(23,955)	(2,992)					
Allocate Net OBMP Expenses To Pools		3,693,898	2,548,146	1,018,541	127,212					
Allocate Debt Service to App Pool		178,135	178,135							
Agricultural Expense Transfer*			1,106,510	(1,106,510)						
<b>Total Expenses</b>	<b>3,808,009</b>	<b>-</b>	<b>2,044,037</b>	<b>812</b>	<b>48,125</b>	<b>-</b>	<b>-</b>	<b>375</b>	<b>4,718,779</b>	<b>7,116,767</b>
<b>Net Administrative Income</b>	<b>-</b>	<b>-</b>	<b>2,044,037</b>	<b>812</b>	<b>48,125</b>	<b>-</b>	<b>-</b>	<b>(374)</b>	<b>2,092,600</b>	<b>(215,000)</b>
<b>Other Income/(Expense)</b>										
Replenishment Water Assessments						714,284			714,284	0
Non-Ag Stored Water Purchases			2,377,250						2,377,250	0
Interest Revenue						7			7	0
MWD Water Purchases						10,269,933			10,269,933	0
Non-Ag Stored Water Purchases			(2,377,250)						(2,377,250)	0
MWD Water Purchases						(10,269,932)			(10,269,932)	0
Groundwater Replenishment						(25,146)			(25,146)	0
Refund-Excess Reserves			(1,957,901)		(81,757)				(2,039,658)	0
Refund-Recharge Debt			(584,280)						(584,280)	0
<b>Net Other Income/(Expense)</b>	<b>-</b>	<b>-</b>	<b>(2,542,181)</b>	<b>-</b>	<b>(81,757)</b>	<b>689,146</b>	<b>-</b>	<b>-</b>	<b>(1,934,792)</b>	<b>0</b>
<b>Net Transfers To/(From) Reserves</b>	<b>0</b>	<b>157,809</b>	<b>(498,144)</b>	<b>812</b>	<b>(33,632)</b>	<b>689,146</b>	<b>-</b>	<b>(374)</b>	<b>157,809</b>	<b>(215,000)</b>
Working Capital, July 1, 2011			6,922,600	475,807	282,721	35,379	158,251	630	7,875,387	
Working Capital, End Of Period			6,424,456	476,619	249,089	724,525	158,251	256	8,033,196	8,033,196
<b>10/11 Assessable Production</b>			78,410,414	31,342,082	3,914,499				113,666,995	
<b>10/11 Production Percentages</b>			68.983%	27.574%	3.444%				100.000%	

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

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# CHINO BASIN WATERMASTER

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

## STAFF REPORT

**DATE:** April 26, 2012  
**TO:** Board Members  
**SUBJECT:** Treasurer's Report of Financial Affairs for the Period February 1, 2012 through February 29, 2012 - Financial Report B4

### SUMMARY

**Issue** – Record of increases or decreases in the cash position, assets and liabilities of Watermaster for the Period of February 1, 2012 through February 29, 2012.

**Recommendation** – Staff recommends the Treasurer's Report of Financial Affairs for the Period February 1, 2012 through February 29, 2012 be received and filed as presented.

**Fiscal Impact** – Funds disbursed were included in the FY 2011-2012 Watermaster Budget.

### BACKGROUND

A Treasurer's Report of Financial Affairs for the Period February 1, 2012 through February 29, 2012 is provided to keep all members apprised of the total cash in banks (Bank of America and LAIF) 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), 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 9.0, 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.

### Actions:

April 12, 2012 Appropriative Pool – Approved unanimously  
April 12, 2012 Non-Agricultural Pool – Moved to receive and file without approval  
April 12, 2012 Agricultural Pool – Approved unanimously  
April 19, 2012 Advisory Committee – Approved unanimously  
April 26, 2012 Watermaster Board –

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**CHINO BASIN WATERMASTER  
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD  
FEBRUARY 1 THROUGH FEBRUARY 29, 2012**

Financial Report - B4

**DEPOSITORIES:**

Cash on Hand - Petty Cash		\$ 500
Bank of America		
Governmental Checking-Demand Deposits	\$ 2,725,206	
Zero Balance Account - Payroll	\$ -	2,725,206
Local Agency Investment Fund - Sacramento		3,968,824
<b>TOTAL CASH IN BANKS AND ON HAND</b>	<b>2/29/2012</b>	<b>\$ 6,694,530</b>
<b>TOTAL CASH IN BANKS AND ON HAND</b>	<b>1/31/2012</b>	<b>5,116,836</b>
		<b>\$ 1,577,694</b>

**PERIOD INCREASE (DECREASE)**

**CHANGE IN CASH POSITION DUE TO:**

Decrease/(Increase) in Assets: Accounts Receivable		\$ -
Assessments Receivable		(1,952,326)
Prepaid Expenses, Deposits & Other Current Assets		(246,343)
(Decrease)/Increase in Liabilities: Accounts Payable		374,249
Accrued Payroll, Payroll Taxes & Other Current Liabilities		1,718
Transfer to/(from) Reserves		3,400,395
		<b>\$ 1,577,694</b>

**PERIOD INCREASE (DECREASE)**

P29

**SUMMARY OF FINANCIAL TRANSACTIONS:**

	Petty Cash	Gov't Checking Demand	Zero Balance Account Payroll	Local Agency Investment Funds	Totals
Balances as of 1/31/2012	\$ 500	\$ 1,147,512	\$ -	\$ 3,968,824	\$ 5,116,836
Deposits	-	2,127,913	-	-	2,127,913
Transfers	-	(69,519)	69,519	-	-
Withdrawals/Checks	-	(480,700)	(69,519)	-	(550,218)
	\$ 500	\$ 2,725,206	\$ -	\$ 3,968,824	\$ 6,694,530
<b>PERIOD INCREASE OR (DECREASE)</b>	<b>\$ -</b>	<b>\$ 1,577,694</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,577,694</b>

**CHINO BASIN WATERMASTER  
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD  
FEBRUARY 1 THROUGH FEBRUARY 29, 2012**

Financial Report - B4

**INVESTMENT TRANSACTIONS**

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

\* The earnings rate for L.A.I.F. is a daily variable rate; 0.38% was the effective yield rate at the Quarter ended December 31, 2011.

**INVESTMENT STATUS  
February 29, 2012**

<b>Financial Institution</b>	<b>Principal Amount</b>	<b>Number of Days</b>	<b>Interest Rate</b>	<b>Maturity Date</b>
Local Agency Investment Fund	\$ 3,968,824			
<b>TOTAL INVESTMENTS</b>	<b>\$ 3,968,824</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



# CHINO BASIN WATERMASTER

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

## STAFF REPORT

**DATE:** April 26, 2012  
**TO:** Board Members  
**SUBJECT:** Budget vs. Actual Report for the Period July 1, 2011 through February 29, 2012 - Financial Report - B5

### SUMMARY

**Issue** – Record of revenues and expenses of Watermaster for the Period of July 1, 2011 through February 29, 2012.

**Recommendation** – Staff recommends the Budget vs. Actual Report for the Period July 1, 2011 through February 29, 2012 be received and filed as presented.

**Fiscal Impact** – Funds disbursed were included in the FY 2011-2012 Watermaster Budget.

### BACKGROUND:

A Budget vs. Actual Report for the period July 1, 2011 through February 29, 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 9.0, 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.

There was a Budget Amendment approved during the March 2012 Pools, Advisory Committee and Board meeting. The "Amended" Total Revenues increased from \$6,869,767 to \$6,901,767 (an increase of \$32,000) while the "Amended" Total Expenses increased from 7,084,767 to \$7,116,767 (an increase of \$32,000). The additional \$32,000 was to fund the Watermaster CEO Recruitment Contract.

Year-To-Date (YTD) for the eight months ending February 29, 2012, all but nine categories were at or below the projected budget. The categories above budget were the Watermaster Legal Services (6070's) of \$9,271; Watermaster Board Expenses (6300's) of \$19,250; Appropriative Pool Administration Expenses (8300's) of \$1,626; Non-Ag Pool Administration Expenses (8500's) of \$12,490; Optimum Basin



Management Plan Expenses (6900's) of \$6,439; In-Line Meter Installation Expenses (7102's) of \$7,033; Groundwater Quality Monitoring Expenses (7103's) of \$5,025; Comprehensive Recharge Program Expenses (7200's) of \$4,792; and Cooperative Efforts/Salt Management (7500's) of \$19,519.

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 February 29, 2012, the total (YTD) Watermaster salary expenses are \$19,646 or 1.9% above the YTD budgeted amount of \$1,025,291. The following details are provided:

	Jul '11 - Feb '12	Budget	\$ Over Budget	% of Budget	Annual Budget
<b>WM Salary Expense</b>					
6011 · WM Staff Salaries	303,637.59	294,021.72	9,615.87	103.27%	441,032.00
6011.2 · WM Staff - Admin. Paid Leave	55,510.21	40,000.00	15,510.21	138.78%	0.00
6011.3 · WM Staff - Temporary Upgrade	7,223.90	0.00	7,223.90	100.0%	0.00
6201 · Advisory Committee - WM Staff Salaries	14,360.67	14,160.68	199.99	101.41%	21,241.00
6301 · Watermaster Board - WM Staff Salaries	19,944.55	19,944.00	0.55	100.0%	29,916.00
8301 · Appropriative Pool - WM Staff Salaries	21,393.46	18,966.68	2,426.78	112.8%	28,450.00
8401 · Agricultural Pool - WM Staff Salaries	17,159.16	16,623.32	535.84	103.22%	24,935.00
8501 · Non-Agricultural Pool - WM Staff Salaries	9,553.56	9,488.68	64.88	100.68%	14,233.00
6901 · OBMP - WM Staff Salaries	158,892.81	144,661.32	14,231.49	109.84%	216,992.00
7101.1 · Production Monitor - WM Staff Salaries	68,303.20	78,433.32	-10,130.12	87.08%	104,150.00
7102.1 · In-line Meter - WM Staff Salaries	6,078.64	6,908.68	-830.04	87.99%	10,363.00
7103.1 · Grdwater Quality - WM Staff Salaries	48,897.04	61,463.32	-12,566.28	79.56%	80,195.00
7104.1 · Grdwater Level - WM Staff Salaries	32,668.98	59,908.68	-27,239.70	54.53%	69,863.00
7105.1 · Sur Wtr Qual - WM Staff Salaries	567.23	1,994.68	-1,427.45	28.44%	2,992.00
7107.1 · Grd Level Monitoring - WM Staff Salaries	408.40	1,044.00	-635.60	39.12%	1,566.00
7108.1 · Hydraulic Control - WM Staff Salaries	3,360.62	4,848.68	-1,488.06	69.31%	7,273.00
7201 · Comp Recharge - WM Staff Salaries	83,412.64	83,391.32	21.32	100.03%	125,087.00
7301 · PE3&5 - WM Staff Salaries	24,924.15	25,028.68	-104.53	99.58%	37,543.00
7401 · PE4 - WM Staff Salaries	6,285.08	8,156.68	-1,871.60	77.05%	12,235.00
7501.1 · PE 6&7 - WM Staff Salaries (Plume)	19,696.60	0.00	19,696.60	100.0%	0.00
7501 · PE6&7 - WM Staff Salaries	3,596.90	1,994.68	1,602.22	180.33%	2,992.00
7601 · PE8&9 - WM Staff Salaries	30,409.83	30,282.00	127.83	100.42%	45,423.00
7701 · Inactive Well - WM Staff Salaries	0.00	309.75	-309.75	0.0%	413.00
<b>Subtotal WM Staff Costs</b>	<b>936,285.22</b>	<b>921,630.87</b>	<b>14,654.35</b>	<b>101.59%</b>	<b>1,296,894.00</b>
60185 · Vacation	48,565.31	38,941.50	9,623.81	124.71%	51,922.00
60186 · Sick Leave	21,546.87	27,540.00	-5,993.13	78.24%	41,310.00
60187 · Holidays	38,540.23	37,179.00	1,361.23	103.66%	41,310.00
<b>Subtotal WM Paid Leaves</b>	<b>108,652.41</b>	<b>103,660.50</b>	<b>4,991.91</b>	<b>104.82%</b>	<b>134,542.00</b>
<b>Total WM Salary Costs</b>	<b>1,044,937.63</b>	<b>1,025,291.37</b>	<b>19,646.26</b>	<b>101.92%</b>	<b>1,431,436.00</b>

Added to the financial reports in the month of November 2011, the chart listed below summarizes the Brownstein Hyatt Farber Schreck (BHFS) expenses as of February 29, 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 February 29, 2012, the BHFS expenses are \$22,587 or 5.2% above the (YTD) budgeted amount of \$438,240. The following details are provided:



	Jul '11 - Feb '12	Budget	\$ Over Budget	% of Budget	Annual Budget
<b>6070 · Watermaster Legal Services</b>					
6071 · BHFS Legal - Court Coordination	0.00	26,066.68	-26,066.68	0.0%	39,100.00
6072 · BHFS Legal - Restated Judgment	18,306.96	62,400.00	-44,093.04	29.34%	62,400.00
6073 · BHFS Legal - Personnel Matters	47,576.29	6,583.32	40,992.97	722.68%	9,875.00
6074 · BHFS Legal - Interagency Issues	3,510.45	22,866.68	-19,356.23	15.35%	34,300.00
6075 · BHFS Legal - Replenishmnt Water	42,186.60	0.00	42,186.60	100.0%	0.00
6076 · BHFS Legal - Storage Agreements	5,779.47	0.00	5,779.47	100.0%	0.00
6078 · BHFS Legal - Miscellaneous	47,748.33	37,920.00	9,828.33	125.92%	56,880.00
<b>Total 6070 · Watermaster Legal Services</b>	<b>165,108.10</b>	<b>155,836.68</b>	<b>9,271.42</b>	<b>105.95%</b>	<b>202,555.00</b>
<b>6275 · BHFS Legal - Advisory Committee</b>	<b>21,473.18</b>	<b>20,540.00</b>	<b>933.18</b>	<b>104.54%</b>	<b>30,810.00</b>
<b>6375 · BHFS Legal - Board Meeting</b>	<b>51,658.47</b>	<b>34,420.00</b>	<b>17,238.47</b>	<b>150.08%</b>	<b>45,630.00</b>
<b>8375 · BHFS Legal - Appropriative Pool</b>	<b>13,263.68</b>	<b>14,220.00</b>	<b>-956.32</b>	<b>93.28%</b>	<b>21,330.00</b>
<b>8475 · BHFS Legal - Agricultural Pool</b>	<b>12,738.88</b>	<b>20,540.00</b>	<b>-7,801.12</b>	<b>62.02%</b>	<b>30,810.00</b>
<b>8575 · BHFS Legal - Non-Ag Pool</b>	<b>11,897.63</b>	<b>6,320.00</b>	<b>5,577.63</b>	<b>188.25%</b>	<b>9,480.00</b>
<b>Total BHFS Legal Services</b>	<b>111,031.84</b>	<b>96,040.00</b>	<b>14,991.84</b>	<b>115.61%</b>	<b>138,060.00</b>
<b>6907.3 · WM Legal Counsel</b>					
6907.30 · Peace II - CEQA	3,019.50	0.00	3,019.50	100.0%	0.00
6907.31 · S. Archibald Plume-Formerly OIA	6,642.00	16,416.68	-9,774.68	40.46%	24,625.00
6907.32 · Chino Airport Plume	10,358.70	17,116.68	-6,757.98	60.52%	25,675.00
6907.33 · Desalter Negotiations	82,498.31	67,425.00	15,073.31	122.36%	67,425.00
6907.34 · Santa Ana River Water Rights	5,121.97	16,750.00	-11,628.03	30.58%	25,125.00
6907.35 · Paragraph 31 Motion	52,096.49	39,200.00	12,896.49	132.9%	39,200.00
6907.36 · Santa Ana River Habitat	7,969.13	0.00	7,969.13	100.0%	0.00
6907.37 · Water Auction	0.00	0.00	0.00	0.0%	0.00
6907.38 · Reg. Water Quality Cntrl Board	0.00	9,166.68	-9,166.68	0.0%	13,750.00
6907.39 · Recharge Master Plan	16,980.44	20,288.00	-3,307.56	83.7%	25,360.00
6907.3 · WM Legal Counsel - Other	0.00	0.00	0.00	0.0%	0.00
<b>Total 6907.3 · WM Legal Counsel</b>	<b>184,686.54</b>	<b>186,363.04</b>	<b>-1,676.50</b>	<b>99.1%</b>	<b>221,160.00</b>
<b>Total Brownstein, Hyatt, Farber, Schreck Costs</b>	<b>460,826.48</b>	<b>438,239.72</b>	<b>22,586.76</b>	<b>105.15%</b>	<b>561,775.00</b>

**OBMP Engineering Services and Legal Costs:**

Several individual line items within the 6900 (Optimum Basin Mgmt Program) are above the Year-To-Date budget. These are the 6901 (WM Staff Salaries) of \$14,231 and the 6906 (OBMP Engineering Services-Other) of \$6,090. These overages totaling \$20,321 are a 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.

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 \$38,958 while the majority of line item activities were below the budget \$40,635. Above the budget line items were the Peace II CEQA of \$3,020; the Desalter Negotiations of \$15,073; the Paragraph 31 Motion of \$12,896; and the Santa Ana River Habitat of \$7,969. The individual legal projects/activities that were below budget for the Year-To-Date period were the South Archibald Plume (formerly the OIA Plume) of \$9,775; the Chino Airport Plume \$6,758; the Santa Ana River Water Rights Application of \$11,628; the Regional Water Quality Control Board of \$9,167; and the Recharge Master Plan of \$3,307. For the eight months ended February 29, 2012, the overall cumulative



(YTD) budget was \$186,363 and the actual (BHFS) legal expenses totaled \$184,686 which resulted in an (Under) budget variance of (\$1,677) or (0.9%).

The chart listed below summarizes the Optimum Basin Management Program (OBMP) expenses as of February 29, 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 \$800,019 compared to a (YTD) budget of \$793,580 for an Over budget of \$6,439 or 0.8% as of February 29, 2012.

	Jul '11 - Feb '12	Budget	\$ Over Budget	% of Budget	Annual Budget
<b>6900 · Optimum Basin Mgmt Plan</b>					
6901 · WM Staff Salaries	158,892.81	144,661.32	14,231.49	109.84%	216,992.00
6903 · OBMP SAWPA Group	11,655.00	11,655.00	0.00	100.0%	11,655.00
6906 · OBMP Engineering Services					
6906.1 · OBMP - Watermaster Model Update	264,023.48	264,010.00	13.48	100.01%	354,010.00
6906 · OBMP Engineering Services - Other	176,314.71	170,224.25	6,090.46	103.58%	224,304.00
<b>Total 6906 · OBMP Engineering Services</b>	<b>440,338.19</b>	<b>434,234.25</b>	<b>6,103.94</b>	<b>101.41%</b>	<b>578,314.00</b>
6907 · OBMP Legal Fees					
6907.3 · WM Legal Counsel					
6907.30 · Peace II - CEQA	3,019.50	0.00	3,019.50	100.0%	0.00
6907.31 · S. Archibald Plume-Formerly OIA	6,642.00	16,416.68	-9,774.68	40.46%	24,625.00
6907.32 · Chino Airport Plume	10,358.70	17,116.68	-6,757.98	60.52%	25,675.00
6907.33 · Desalter Negotiations	82,498.31	67,425.00	15,073.31	122.36%	67,425.00
6907.34 · Santa Ana River Water Rights	5,121.97	16,750.00	-11,628.03	30.58%	25,125.00
6907.35 · Paragraph 31 Motion	52,096.49	39,200.00	12,896.49	132.9%	39,200.00
6907.36 · Santa Ana River Habitat	7,969.13	0.00	7,969.13	100.0%	0.00
6907.37 · Water Auction	0.00	0.00	0.00	0.0%	0.00
6907.38 · Reg. Water Quality Cntrl Board	0.00	9,166.68	-9,166.68	0.0%	13,750.00
6907.39 · Recharge Master Plan	16,980.44	20,288.00	-3,307.56	83.7%	25,360.00
6907.3 · WM Legal Counsel - Other	0.00	0.00	0.00	0.0%	0.00
<b>Total 6907.3 · WM Legal Counsel</b>	<b>184,686.54</b>	<b>186,363.04</b>	<b>-1,676.50</b>	<b>99.1%</b>	<b>221,160.00</b>
<b>Total 6907 · OBMP Legal Fees</b>	<b>184,686.54</b>	<b>186,363.04</b>	<b>-1,676.50</b>	<b>99.1%</b>	<b>221,160.00</b>
6909 · OBMP Other Expenses					
6909.1 · OBMP Meetings	874.28	0.00	874.28	100.0%	0.00
6909.3 · Other OBMP Expenses	1,977.00	0.00	1,977.00	100.0%	0.00
6909.4 · Printing	1,595.00	0.00	1,595.00	100.0%	0.00
6909.5 · Ad Hoc Litigation Committee	0.00	0.00	0.00	0.0%	0.00
6909 · OBMP Other Expenses - Other	0.00	16,666.68	-16,666.68	0.0%	25,000.00
<b>Total 6909 · OBMP Other Expenses</b>	<b>4,446.28</b>	<b>16,666.68</b>	<b>-12,220.40</b>	<b>26.68%</b>	<b>25,000.00</b>
<b>Total 6900 · Optimum Basin Mgmt Plan</b>	<b>800,018.82</b>	<b>793,580.29</b>	<b>6,438.53</b>	<b>100.81%</b>	<b>1,053,121.00</b>

The OBMP Implementation Projects (accounts 7100's – 7700's) were under budget as of February 29, 2012 except for several categories. Those categories over budget (YTD) were In-Line Meter Installation (7102's), over budget by the amount of \$7,033; Groundwater Quality Monitoring (7103's) over budget by the amount of \$5,025; Comprehensive Recharge Program (7200's) over budget by the amount of \$4,792; and Cooperative Efforts/Salt Management (7500's) over budget by the amount of \$19,519. The In-Line Meter Installation category was over budget due to the increased number of meters being installed than was originally budgeted in the Watermaster FY 2011/2012 budget. The Groundwater Quality Monitoring category and the Comprehensive Recharge Program categories were over budget due to timing differences between actual expenses and budgeted expenses. The Cooperative Efforts/Salt



Management variance is a result of the additional labor efforts regarding the South Archibald Plume monitoring and testing, resulting in a larger unanticipated labor cost.

Category 7107 (Ground Level Monitoring) contains the annual budget costs of \$465,002 for the installation of a vertical extensometer in the Chino Creek Well Field area, located at the Chino Airport. The initial payment of \$295,200 to the Chino Basin Desalter Authority is planned to be issued in March 2012. This budget category also includes the \$30,000 quarterly InSar Imagery costs which are tracking well below the budget.

The Recharge Improvement Debt Payment (Category 7690) is another category which the budget and expense fluctuate due to the timing of expense receipts. Watermaster received a credit from IEUA in the amount of \$296,265 during the month of January. This credit is the direct result of the refinancing efforts by IEUA and a true-up of the budgeted costs vs. actual payments on the debt servicing to IEUA. Currently, this category is below the budgeted amount by \$272,829. Excess funds from this category could be used for the upcoming 3-year Turner Basin Improvements, which are estimated in the range of \$270K+.

Added to the financial reports during the month of November 2011, 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 February 29, 2012, the total (YTD) Engineering expenses are \$159,208 or 7.9% below the (YTD) budget amount of \$2,009,697. The following details are provided:

	Jul '11 - Feb '12	Budget	\$ Over Budget	% of Budget	Annual Budget
6906.1 · OBMP - Watermaster Model Update	264,023.48	264,010.00	13.48	100.01%	354,010.00
6906 · OBMP Engineering Services - Other	176,314.71	170,224.25	6,090.46	103.58%	224,304.00
7103.3 · Grdwtr Qual-Engineering	95,879.50	81,305.00	14,574.50	117.93%	86,470.00
7103.5 · Grdwtr Qual-Lab Svcs	31,330.00	27,588.68	3,741.32	113.56%	36,883.00
7104.3 · Grdwtr Level-Engineering	178,781.97	133,414.00	45,367.97	134.01%	172,518.00
7104.8 · Grdwtr Level-Contracted Serv	0.00	6,666.68	-6,666.68	0.0%	10,000.00
7104.9 · Grdwtr Level-Capital Equip	0.00	10,443.75	-10,443.75	0.0%	13,925.00
7107.2 · Grd Level-Engineering	179,256.00	110,956.68	68,299.32	161.56%	166,435.00
7107.3 · Grd Level-SAR Imagery	0.00	60,000.00	-60,000.00	0.0%	120,000.00
7107.6 · Grd Level-Contract Svcs	147,076.76	149,823.32	-2,746.56	98.17%	224,735.00
7107.7 · Grd Level-Extensometer Install	295,200.00	440,517.00	-145,317.00	67.01%	465,001.00
7107.8 · Grd Level-Cap Equip Exte	0.00	19,321.50	-19,321.50	0.0%	25,762.00
7108.3 · Hydraulic Control-Engineering	150,656.49	171,385.00	-20,728.51	87.91%	246,956.00
7108.4 · Hydraulic Control-Lab Svcs	96,303.00	113,899.32	-17,596.32	84.55%	170,849.00
7108.9 · Hydraulic Control-Contract Svcs	0.00	1,333.32	-1,333.32	0.0%	2,000.00
7109.3 · Recharge & Well - Engineering	0.00	2,232.00	-2,232.00	0.0%	6,696.00
7202.2 · Engineering Svc	0.00	6,880.00	-6,880.00	0.0%	10,320.00
7202.3 · Comp Recharge-Implementation	102,305.02	98,490.00	3,815.02	103.87%	122,490.00
7303 · PE3&5-Engineering - Other	34,735.74	36,221.00	-1,485.26	95.9%	36,221.00
7402 · PE4-Engineering	30,509.02	28,422.00	2,087.02	107.34%	50,123.00
7403 · PE4-Contract Svcs	0.00	6,666.68	-6,666.68	0.0%	10,000.00
7502 · PE6&7-Engineering	30,588.82	32,106.68	-1,517.86	95.27%	48,160.00
7503 · PE6&7-Contract Svcs (Plume)	37,528.00	37,790.00	-262.00	99.31%	37,790.00
<b>Total Wildermuth Environmental, Inc. Costs</b>	<b>1,850,488.51</b>	<b>2,009,696.86</b>	<b>-159,208.35</b>	<b>92.08%</b>	<b>2,641,648.00</b>

**Other Income and Expense:**

In August 2011, Watermaster received two payments from the Metropolitan Water District. Metropolitan entered into agreements with Watermaster and other member agencies and partners for dry-year groundwater storage. Pursuant to Section VI of these agreements, Metropolitan committed to pay an annual administrative fee to one of the partners on each of the agreements for the 25-year term of the each agreement a) beginning on July 1<sup>st</sup> after the initial storage of water in each program, and b) with the set fee dollar amount escalating annually by the lesser of 2.5% or CPI. Watermaster received \$145,568.70 for the FY 2009/2010 payment (due July 1, 2010) and \$149,207.92 for the FY 2010/2011 payment (due July 1, 2011). The total amount received of \$294,776.62 was recorded to account 4040 (Cooperative Agreements). A portion of the \$294,776.62 (the amount of \$211,580) has now been included in the FY 2011/2012 budget. This amount of \$211,580 is being used to offset and additional extensometer costs as well as other salary costs. The balance of un-appropriated revenue of \$83,196.62 ( $\$294,776.62 - \$211,580.00 = \$83,196.62$ ) will be used for any unanticipated expenses that might arise before the end of the fiscal year.

On March 22, 2012, the Watermaster Board approved to appropriate the amount of \$32,000 for the Watermaster CEO Recruitment contract. This approval action reduces the un-appropriated revenue of \$83,196.62 down to \$51,196.62 ( $\$83,196.62 - \$32,000.00 = \$51,196.62$ ).

With the exceptions previously noted, there were no other unusual or significant transactions or events during the month of February 2012. Looking ahead, the month of March should provide similar financial results.

**Actions:**

- April 12, 2012 Appropriative Pool – Approved unanimously
- April 12, 2012 Non-Agricultural Pool – Moved to receive and file without approval
- April 12, 2012 Agricultural Pool – Approved unanimously
- April 19, 2012 Advisory Committee – Approved unanimously
- April 26, 2012 Watermaster Board –



CHINO BASIN WATERMASTER  
Budget vs. Actual  
Current Month, Year-To-Date and Fiscal Year-End

	1/12th of the Total Budget				8/12th (67%) of the Total Budget				100% of the Total Budget			
	For The Month of February 2012				Year-To-Date as of February 29, 2012				Fiscal Year End as of June 30, 2012			
	Actual	Budget	\$ Over(Under)	% of Budget	Actual	Budget	\$ Over(Under)	% of Budget	Projected	Budget	\$ Over(Under)	% of Budget
<b>Income</b>												
4010 · Local Agency Subsidies	0.00	0.00	0.00	0.0%	705,776.62	622,580.00	83,196.62	113.36%	705,776.62	654,580.00	51,196.62	107.82%
4110 · Admin Asmnts-Approp Pool	5,844,371.90	5,844,797.00	-425.10	99.99%	5,844,371.90	5,844,797.00	-425.10	99.99%	5,844,797.00	5,844,797.00	0.00	100.0%
4120 · Admin Asmnts-Non-Agri Pool	252,358.50	252,380.00	-21.50	99.99%	252,358.50	252,380.00	-21.50	99.99%	252,380.00	252,380.00	0.00	100.0%
4700 · Non Operating Revenues	0.00	0.00	0.00	0.0%	8,872.09	75,005.00	-66,132.91	11.83%	150,010.00	150,010.00	0.00	100.0%
4900 · Miscellaneous Income	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
<b>Total Income</b>	<b>6,096,730.40</b>	<b>6,097,177.00</b>	<b>-446.60</b>	<b>99.99%</b>	<b>6,811,379.11</b>	<b>6,794,762.00</b>	<b>16,617.11</b>	<b>100.25%</b>	<b>6,952,963.62</b>	<b>6,901,767.00</b>	<b>51,196.62</b>	<b>100.74%</b>
<b>Gross Profit</b>	<b>6,096,730.40</b>	<b>6,097,177.00</b>	<b>-446.60</b>	<b>99.99%</b>	<b>6,811,379.11</b>	<b>6,794,762.00</b>	<b>16,617.11</b>	<b>100.25%</b>	<b>6,952,963.62</b>	<b>6,901,767.00</b>	<b>51,196.62</b>	<b>100.74%</b>
<b>Expense</b>												
6010 · Salary Costs	29,930.59	54,904.21	-24,973.62	54.51%	354,470.16	382,587.30	-28,117.14	92.65%	592,976.00	592,976.00	0.00	100.0%
6020 · Office Building Expense	7,953.82	8,331.00	-377.18	95.47%	65,367.88	69,108.00	-3,740.12	94.59%	103,369.00	103,369.00	0.00	100.0%
6030 · Office Supplies & Equip.	1,904.82	2,125.00	-220.18	89.64%	13,014.68	17,000.00	-3,985.32	76.56%	25,500.00	25,500.00	0.00	100.0%
6040 · Postage & Printing Costs	3,575.91	5,865.00	-2,289.09	60.97%	32,878.60	45,820.00	-12,941.40	71.76%	66,180.00	66,180.00	0.00	100.0%
6050 · Information Services	11,145.83	10,835.00	310.83	102.87%	85,215.51	99,680.00	-14,464.49	85.49%	148,020.00	148,020.00	0.00	100.0%
6060 · Contract Services	420.00	0.00	420.00	100.0%	13,188.75	34,000.00	-20,811.25	38.79%	66,000.00	66,000.00	0.00	100.0%
6070 · Watermaster Legal Services	7,338.79	11,679.58	-4,340.79	62.83%	165,108.10	155,836.68	9,271.42	105.95%	202,555.00	202,555.00	0.00	100.0%
6080 · Insurance	0.00	0.00	0.00	0.0%	17,740.87	19,036.00	-1,295.13	93.2%	19,036.00	19,036.00	0.00	100.0%
6110 · Dues and Subscriptions	0.00	0.00	0.00	0.0%	26,781.15	27,270.00	-488.85	98.21%	30,000.00	30,000.00	0.00	100.0%
6140 · WM Admin Expenses	148.83	250.00	-101.17	59.53%	845.40	2,000.00	-1,154.60	42.27%	3,000.00	3,000.00	0.00	100.0%
6150 · Field Supplies	0.00	150.00	-150.00	0.0%	297.58	750.00	-452.42	39.68%	1,600.00	1,600.00	0.00	100.0%
6170 · Travel & Transportation	2,063.87	1,680.00	383.87	122.85%	12,419.01	14,265.00	-1,845.99	87.06%	21,970.00	21,970.00	0.00	100.0%
6190 · Conferences & Seminars	20.00	0.00	20.00	100.0%	4,179.44	13,125.00	-8,945.56	31.84%	17,500.00	17,500.00	0.00	100.0%
6200 · Advisory Comm - WM Board	1,918.21	4,504.25	-2,586.04	42.59%	35,939.31	36,034.00	-94.69	99.74%	54,051.00	54,051.00	0.00	100.0%
6300 · Watermaster Board Expenses	12,397.49	7,237.17	5,160.32	171.3%	91,847.23	72,597.32	19,249.91	126.52%	101,246.00	101,246.00	0.00	100.0%
8300 · Appr PI-WM & Pool Admin	3,720.62	4,190.00	-469.38	88.8%	35,146.12	33,520.00	1,626.12	104.85%	50,280.00	50,280.00	0.00	100.0%
8400 · Agri Pool-WM & Pool Admin	4,640.21	5,319.09	-678.88	87.24%	35,363.98	42,552.64	-7,188.66	83.11%	63,829.00	63,829.00	0.00	100.0%
8467 · Ag Legal & Technical Services	16,246.28	17,583.33	-1,337.05	92.4%	63,960.08	140,666.68	-76,706.60	45.47%	211,000.00	211,000.00	0.00	100.0%
8470 · Ag Meeting Attend -Special	1,300.00	1,000.00	300.00	130.0%	12,600.00	8,000.00	4,600.00	157.5%	12,000.00	12,000.00	0.00	100.0%
8471 · Ag Pool Expense	0.00	0.00	0.00	0.0%	0.00	32,500.00	-32,500.00	0.0%	65,000.00	65,000.00	0.00	100.0%
8485 · Ag Pool - Misc. Exp. - Ag Fund	0.00	0.00	0.00	0.0%	99.34	0.00	99.34	100.0%	0.00	0.00	0.00	0.0%
8500 · Non-Ag PI-WM & Pool Admin	9,370.81	8,476.08	894.73	110.56%	80,299.13	67,808.68	12,490.45	118.42%	101,713.00	101,713.00	0.00	100.0%
6500 · Education Funds Use Expens	0.00	0.00	0.00	0.0%	375.00	375.00	0.00	100.0%	375.00	375.00	0.00	100.0%
9400 · Depreciation Expense	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9500 · Allocated G&A Expenditures	-46,652.18	-60,049.92	13,397.74	77.69%	-300,391.91	-480,399.32	180,007.41	62.53%	-720,599.00	-720,599.00	0.00	100.0%
6900 · Optimum Basin Mgmt Plan	124,994.94	80,272.99	44,721.95	155.71%	800,018.82	793,580.29	6,438.53	100.81%	1,053,121.00	1,053,121.00	0.00	100.0%
6950 · Mutual Agency Projects	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	10,000.00	10,000.00	0.00	100.0%
9501 · G&A Expenses Allocated-OBMP	17,491.84	18,031.25	-539.41	97.01%	116,666.33	144,250.00	-27,583.67	80.88%	216,375.00	216,375.00	0.00	100.0%
7101 · Production Monitoring	7,856.39	8,741.67	-885.28	89.87%	68,803.20	78,933.32	-10,130.12	87.17%	104,900.00	104,900.00	0.00	100.0%
7102 · In-Line Meter Installation	20,133.02	5,530.25	14,602.77	364.05%	51,275.06	44,242.00	7,033.06	115.9%	66,363.00	66,363.00	0.00	100.0%
7103 · Grdwtr Quality Monitoring	20,841.26	9,367.75	11,473.51	222.48%	179,632.37	174,607.00	5,025.37	102.88%	209,923.00	209,923.00	0.00	100.0%

P37

	1/12th of the Total Budget				8/12th (67%) of the Total Budget				100% of the Total Budget			
	For The Month of February 2012				Year-To-Date as of February 29, 2012				Fiscal Year End as of June 30, 2012			
	Actual	Budget	\$ Over(Under)	% of Budget	Actual	Budget	\$ Over(Under)	% of Budget	Projected	Budget	\$ Over(Under)	% of Budget
7104 · Gdwtr Level Monitoring	28,301.49	18,586.91	9,714.58	152.27%	211,450.95	218,933.11	-7,482.16	96.58%	297,806.00	297,806.00	0.00	100.0%
7105 · Sur Wtr Qual Monitoring	567.23	291.00	276.23	194.92%	567.23	2,403.00	-1,835.77	23.61%	3,592.00	3,592.00	0.00	100.0%
7107 · Ground Level Monitoring	331,779.29	113,740.50	218,038.79	291.7%	621,941.16	781,662.50	-159,721.34	79.57%	1,003,500.00	1,003,500.00	0.00	100.0%
7108 · Hydraulic Control Monitoring	37,398.59	69,620.17	-32,221.58	53.72%	250,320.11	291,466.32	-41,146.21	85.88%	427,078.00	427,078.00	0.00	100.0%
7109 · Recharge & Well Monitoring Prog	0.00	2,232.00	-2,232.00	0.0%	0.00	2,232.00	-2,232.00	0.0%	6,696.00	6,696.00	0.00	100.0%
7200 · PE2- Comp Recharge Pgm	71,969.79	60,450.59	11,519.20	119.06%	987,607.24	982,815.64	4,791.60	100.49%	1,233,275.00	1,233,275.00	0.00	100.0%
7300 · PE3&5-Water Supply/Desalte	6,181.86	6,795.25	-613.39	90.97%	61,737.05	66,583.00	-4,845.95	92.72%	81,764.00	81,764.00	0.00	100.0%
7400 · PE4- Mgmt Plan	13,068.93	10,752.91	2,316.02	121.54%	38,137.22	44,820.36	-6,683.14	85.09%	74,457.00	74,457.00	0.00	100.0%
7500 · PE6&7-CoopEfforts/SaltMgmt	4,757.63	4,262.66	494.97	111.61%	91,410.32	71,891.36	19,518.96	127.15%	88,942.00	88,942.00	0.00	100.0%
7600 · PE8&9-StorageMgmt/Conj Use	4,734.98	3,785.25	949.73	125.09%	30,437.81	30,544.50	-106.69	99.65%	45,773.00	45,773.00	0.00	100.0%
7690 · Recharge Improvement Debt Pymt	0.00	0.00	0.00	0.0%	178,135.00	450,964.00	-272,829.00	39.5%	450,964.00	450,964.00	0.00	100.0%
7700 · Inactive Well Protection Prgm	0.00	0.00	0.00	0.0%	167.97	1,059.75	-891.78	15.85%	1,413.00	1,413.00	0.00	100.0%
9502 · G&A Expenses Allocated-Projects	29,160.34	42,018.67	-12,858.33	69.4%	183,725.62	336,149.32	-152,423.70	54.66%	504,224.00	504,224.00	0.00	100.0%
<b>Total Expense</b>	<b>786,681.48</b>	<b>538,559.61</b>	<b>248,121.87</b>	<b>146.07%</b>	<b>4,718,778.87</b>	<b>5,351,270.45</b>	<b>-632,491.58</b>	<b>88.18%</b>	<b>7,116,767.00</b>	<b>7,116,767.00</b>	<b>0.00</b>	<b>100.0%</b>
<b>Net Ordinary Income</b>	<b>5,310,048.92</b>	<b>5,558,617.39</b>	<b>-248,568.47</b>	<b>95.53%</b>	<b>2,092,600.24</b>	<b>1,443,491.55</b>	<b>649,108.69</b>	<b>144.97%</b>	<b>-163,803.38</b>	<b>-215,000.00</b>	<b>51,196.62</b>	<b>76.19%</b>
<b>Other Income</b>												
4225 · Interest Income	0.00	0.00	0.00	0.0%	7.01	0.00	7.01	100.0%	150.00	0.00	150.00	100.0%
4210 · Approp Pool-Replenishment	0.00	0.00	0.00	0.0%	686,814.11	0.00	686,814.11	100.0%	686,814.15	0.00	686,814.15	100.0%
4220 · Non-Ag Pool-Replenishment	0.00	0.00	0.00	0.0%	27,469.75	0.00	27,469.75	100.0%	27,469.75	0.00	27,469.75	100.0%
4600 · Groundwater Sales	0.00	0.00	0.00	0.0%	12,647,183.31	0.00	12,647,183.31	100.0%	12,647,183.31	0.00	12,647,183.31	100.0%
<b>Total Other Income</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>13,361,474.18</b>	<b>0.00</b>	<b>13,361,474.18</b>	<b>100.0%</b>	<b>13,361,617.21</b>	<b>0.00</b>	<b>13,361,617.21</b>	<b>100.0%</b>
<b>Other Expense</b>												
5010 · Groundwater Replenishment	0.00	0.00	0.00	0.0%	10,269,932.04	0.00	10,269,932.04	100.0%	10,269,932.04	0.00	10,269,932.04	100.0%
5100 · Other Water Purchases	0.00	0.00	0.00	0.0%	2,402,395.88	0.00	2,402,395.88	100.0%	2,402,395.88	0.00	2,402,395.88	100.0%
9996 · Refund-Excess Reserves-Approp.	0.00	0.00	0.00	0.0%	1,957,901.00	0.00	1,957,901.00	100.0%	1,957,901.00	0.00	1,957,901.00	100.0%
9997 · Refund-Excess Reserves-NonAg	0.00	0.00	0.00	0.0%	81,757.00	0.00	81,757.00	100.0%	81,757.00	0.00	81,757.00	100.0%
9998 · Refund-Recharge Debt-Approp.	0.00	0.00	0.00	0.0%	584,280.00	0.00	584,280.00	100.0%	584,280.00	0.00	584,280.00	100.0%
9999 · To/(From) Reserves	5,310,048.92	5,558,617.39	-248,568.47	95.53%	157,808.50	1,443,491.55	-1,285,683.05	10.93%	-2,098,452.09	-215,000.00	-1,883,452.09	976.02%
<b>Total Other Expense</b>	<b>5,310,048.92</b>	<b>5,558,617.39</b>	<b>-248,568.47</b>	<b>95.53%</b>	<b>15,454,074.42</b>	<b>1,443,491.55</b>	<b>14,010,582.87</b>	<b>1,070.6%</b>	<b>13,197,813.83</b>	<b>-215,000.00</b>	<b>13,412,813.83</b>	<b>-6,138.52%</b>
<b>Net Other Income</b>	<b>-5,310,048.92</b>	<b>-5,558,617.39</b>	<b>248,568.47</b>	<b>95.53%</b>	<b>-2,092,600.24</b>	<b>-1,443,491.55</b>	<b>-649,108.69</b>	<b>144.97%</b>	<b>163,803.38</b>	<b>215,000.00</b>	<b>-51,196.62</b>	<b>76.19%</b>
<b>Net Income</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>

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





# CHINO BASIN WATERMASTER

## I. CONSENT CALENDAR

### C. WATER TRANSACTION

1. **Consider Approval for Notice of Sale or Transfer –**  
The lease and/or purchase of 2.372 acre-feet of water from San Antonio Water Company to Monte Vista Water District as a method of utilizing its SAWCO shares. This lease is made first from San Antonio's net underproduction in FY 2011-2012, with any remainder to be recaptured from storage. Date of application: February 9, 2012.
2. **Consider Approval for Notice of Sale or Transfer –**  
The lease and/or purchase of 500.000 acre-feet of water from San Antonio Water Company to Monte Vista Water District. This lease is made first from San Antonio's net underproduction in FY 2011-2012, with any remainder to be recaptured from storage. Date of application: February 14, 2012.



***CHINO BASIN WATERMASTER***

**NOTICE**

**OF**

**APPLICATION(S)**

**RECEIVED FOR**

**WATER TRANSACTIONS – ACTIVITIES**

Date of Notice:

March 1, 2012

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

## NOTICE OF APPLICATION(S) RECEIVED

Date of Application: **February 9, 2012**

Date of this notice: **March 1, 2012**

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

- Notice of Sale or Transfer – The lease and/or purchase of 2.372 acre-feet of water from San Antonio Water Company to Monte Vista Water District. This lease is made first from San Antonio's net underproduction in FY 2011-2012, with any remainder to be recaptured from storage.

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

Appropriative Pool: March 8, 2012

Non-Agricultural Pool: March 8, 2012

Agricultural Pool: March 8, 2012

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

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

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

Watermaster address:

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

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

# **CHINO BASIN WATERMASTER**

## **NOTICE OF TRANSFER OF WATER**

Notification Dated: March 1, 2012

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

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## CHINO BASIN WATERMASTER

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

**DATE:** March 1, 2012  
**TO:** Watermaster Interested Parties  
**SUBJECT:** Summary and Analysis of Application for Water Transaction

### Summary –

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

### Issue –

- Notice of Sale or Transfer – The lease and/or purchase of 2.372 acre-feet of water from San Antonio Water Company to Monte Vista Water District. This lease is made first from San Antonio's net underproduction in FY 2011-2012, with any remainder to be recaptured from storage.

### Recommendation –

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

### Fiscal Impact –

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

### Background

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

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

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

- Notice of Sale or Transfer - The lease and/or purchase of 2.372 acre-feet of water from San Antonio Water Company to Monte Vista Water District. This lease is made first from San Antonio's net underproduction in FY 2011-2012, with any remainder to be recaptured from storage.

Notice of the water transaction identified above was mailed on March 1, 2012 along with the materials submitted by the requestors.

**DISCUSSION**

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

The 85/15 rule does not apply for this water transaction because Monte Vista Water District is utilizing this transaction to produce its San Antonio Water Company shares.





# San Antonio Water Company

Incorporated October 25, 1882

Serving the original Ontario Colony lands

RECEIVED

February 9, 2012

FEB 13 2012

Mr. Ken Jeske  
CHINO BASIN WATERMASTER  
9641 San Bernardino Road  
Rancho Cucamonga, CA 91730

CHINO BASIN WATERMASTER

RE: Lease of water production rights in the Chino Basin for Fiscal Year 2011-2012

Dear Mr. Jeske:

This is to notify the Watermaster of the lease and/or purchase of 2.372 AF of water to City of Monte Vista Water District from San Antonio Water Company's net underproduction in the Fiscal Year 2011-2012.

Executed application of Watermaster forms are enclosed for consideration to be posted on the agenda for the next available meeting.

If you have any questions, please call me at 909.982.4107.

Respectfully,

Charles Moorrees  
General Manager

/cm

Cc: MKinsey/MVWD  
File - Chino Basin/Water Transfer

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

FISCAL YEAR 2011 - 2012

DATE REQUESTED: 2-2-12

AMOUNT REQUESTED: 2.372 Acre-Feet

<b>TRANSFER FROM (SELLER / TRANSFEROR):</b>			<b>TRANSFER TO (BUYER / TRANSFEREE):</b>		
<u>SAN ANTONIO WATER CO.</u>			<u>MONTE VISTA WATER DISTRICT</u>		
Name of Party			Name of Party		
<u>139 N. EUCLID AVE.</u>			<u>10575 CENTRAL AVE.</u>		
Street Address			Street Address		
<u>UPLAND</u>	<u>CA</u>	<u>91786</u>	<u>MONTECLAIR</u>	<u>CA</u>	<u>91763</u>
City	State	Zip Code	City	State	Zip Code
<u>909.982.4107</u>			<u>909.624.0035</u>		
Telephone			Telephone		
<u>909.620.3047</u>			<u>909.624.0037</u>		
Facsimile			Facsimile		

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

**PURPOSE OF TRANSFER:**

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

**WATER IS TO BE TRANSFERRED FROM:**

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

**WATER IS TO BE TRANSFERRED TO:**

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

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

Is the Buyer an 85/15 Party? Yes  No

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

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

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

2-10,000 gpm

Projected Rate of Recapture

Projected Duration of Recapture

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

Pumping

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

Regular production wells

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

**WATER QUALITY AND WATER LEVELS**

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

If yes, please explain:

Nitrate concentrations range between 19-70 ppm

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

504-533

**MATERIAL PHYSICAL INJURY**

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

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

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


**SAID TRANSFER SHALL BE CONDITIONED UPON:**

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

**ADDITIONAL INFORMATION ATTACHED**

Yes  No

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

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

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

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

**TO BE COMPLETED BY WATERMASTER STAFF:**

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

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

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

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

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

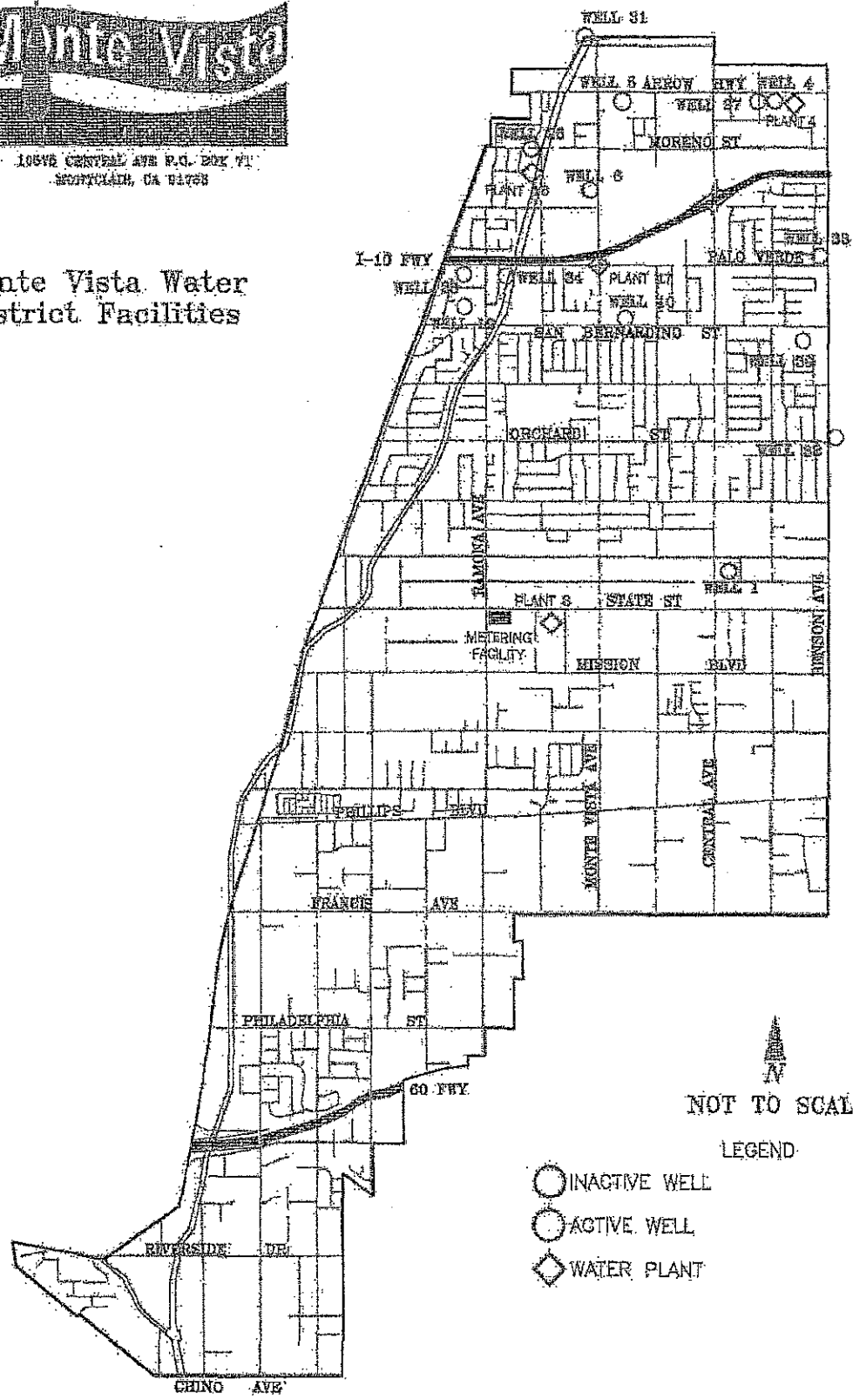
DATE OF ADVISORY COMMITTEE APPROVAL: \_\_\_\_\_

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



10545 CENTRAL AVE P.O. BOX 71  
SCOTTSDALE, CA 95068

### Monte Vista Water District Facilities



NOT TO SCALE

- LEGEND
- INACTIVE WELL
  - ACTIVE WELL
  - ◇ WATER PLANT

# MONTE VISTA WATER DISTRICT

## Recapture Plan

Location of where the recaptured water will be extracted by the District is within Management Zone 1 of the Chino Basin and will be accomplished by any or all of the 13 wells owned and operated by the District. The approximate daily production capacity of these wells is noted below.

The 274.294 AF transfer will be utilized for delivery to the District's retail customers, for delivery to the City of Chino Hills, or to offset future District replenishment obligations.

<u>Well</u>	<u>Production Acre-Feet/Day</u>
4	4.2
5	6.1
6	5.2
10	5.2
19	9.0
26	9.0
27	9.0
28	9.0
30	9.0
31	9.0
32	9.0
33	9.0
34	9.0

---

Daily Total                      102.0

A map showing the location of these wells is attached. The rate of extraction can vary significantly, depending upon system demand and seasonal changes.



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***CHINO BASIN WATERMASTER***

**NOTICE**

**OF**

**APPLICATION(S)**

**RECEIVED FOR**

**WATER TRANSACTIONS – ACTIVITIES**

Date of Notice:

March 1, 2012

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

**NOTICE OF APPLICATION(S) RECEIVED**

Date of Application: **February 14, 2012**      Date of this notice: **March 1, 2012**

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

- Notice of Sale or Transfer – The lease and/or purchase of 500.000 acre-feet of water from San Antonio Water Company to Monte Vista Water District. This lease is made first from San Antonio’s net underproduction in FY 2011-2012, with any remainder to be recaptured from storage.

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

Appropriative Pool:	March 8, 2012
Non-Agricultural Pool:	March 8, 2012
Agricultural Pool:	March 8, 2012

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

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

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

Watermaster address:

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

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

# **CHINO BASIN WATERMASTER**

## **NOTICE OF TRANSFER OF WATER**

Notification Dated: March 1, 2012

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

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## CHINO BASIN WATERMASTER

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

**DATE:** March 1, 2012  
**TO:** Watermaster Interested Parties  
**SUBJECT:** Summary and Analysis of Application for Water Transaction

### Summary –

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

### Issue –

- Notice of Sale or Transfer – The lease and/or purchase of 500,000 acre-feet of water from San Antonio Water Company to Monte Vista Water District. This lease is made first from San Antonio's Annual net underproduction in FY 2011-2012, with any remainder to be recaptured from storage.

### Recommendation –

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

### Fiscal Impact –

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

### Background

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

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

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

- Notice of Sale or Transfer - The lease and/or purchase of 500,000 acre-feet of water from San Antonio Water Company to Monte Vista Water District. This lease is made first from San Antonio's Annual net underproduction in FY 2011-2012, with any remainder to be recaptured from storage.

Notice of the water transaction identified above was mailed on March 1, 2012 along with the materials submitted by the requestors.

**DISCUSSION**

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



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

FISCAL YEAR 2011 - 2012

DATE REQUESTED: February 14, 2012

AMOUNT REQUESTED: 500 Acre-Feet

<b>TRANSFER FROM (SELLER / TRANSFEROR):</b> <u>San Antonio Water Company</u>			<b>TRANSFER TO (BUYER / TRANSFEREE):</b> <u>Monte Vista Water District</u>		
Name of Party			Name of Party		
<u>139 North Euclid Avenue</u>			<u>10575 Central Avenue</u>		
Street Address			Street Address		
<u>Upland</u>	<u>CA</u>	<u>91786</u>	<u>Montclair</u>	<u>CA</u>	<u>91763</u>
City	State	Zip Code	City	State	Zip Code
<u>909-982-4107</u>			<u>909-624-0035</u>		
Telephone			Telephone		
<u>909-920-3047</u>			<u>909-624-0037</u>		
Facsimile			Facsimile		

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

**PURPOSE OF TRANSFER:**

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

**WATER IS TO BE TRANSFERRED FROM:**

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

**WATER IS TO BE TRANSFERRED TO:**

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

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

Is the Buyer an 85/15 Party?    Yes     No

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

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

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

Projected Rate of Recapture

Projected Duration of Recapture

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

Pumping

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

Regular production wells

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

**WATER QUALITY AND WATER LEVELS**

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

If yes, please explain:

Nitrate concentrations range between 19-70 ppm

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

504-533

**MATERIAL PHYSICAL INJURY**

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

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

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

**SAID TRANSFER SHALL BE CONDITIONED UPON:**

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


**ADDITIONAL INFORMATION ATTACHED**

Yes  No

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

**Charles Moorrees**

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

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

**Mark N. Kinsey**

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

**TO BE COMPLETED BY WATERMASTER STAFF:**

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

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

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

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

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

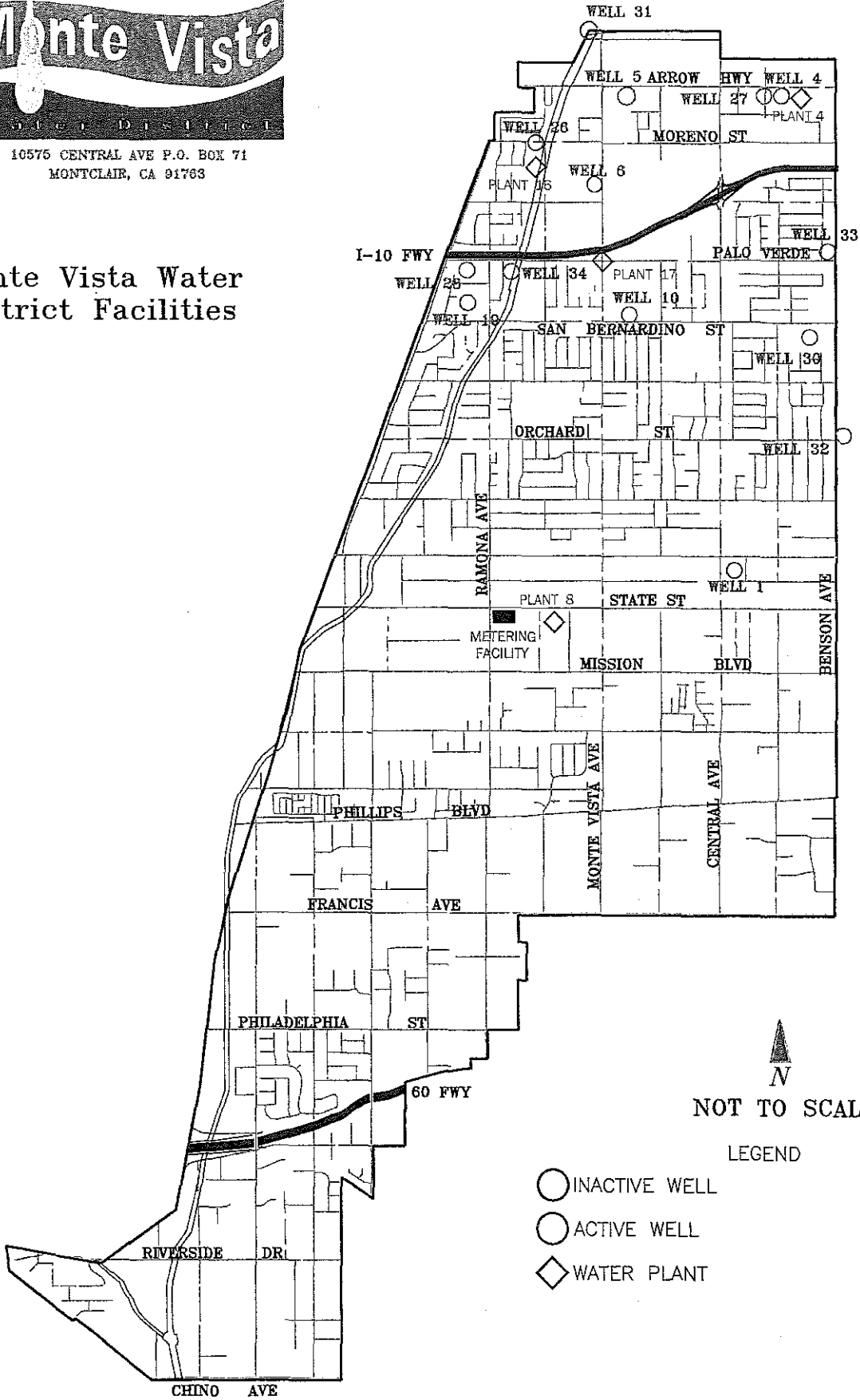
DATE OF ADVISORY COMMITTEE APPROVAL: \_\_\_\_\_

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



10575 CENTRAL AVE P.O. BOX 71  
MONTCLAIR, CA 91763

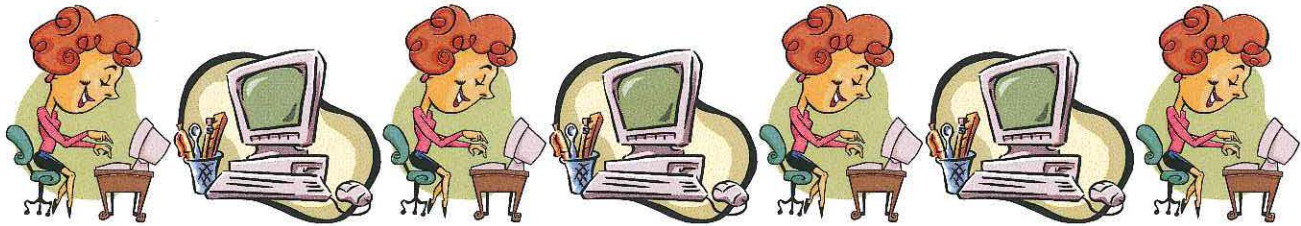
# Monte Vista Water District Facilities



NOT TO SCALE

### LEGEND

- INACTIVE WELL
- ACTIVE WELL
- ◇ WATER PLANT



# CHINO BASIN WATERMASTER

## II. BUSINESS ITEM

### A. AMENDED WATERMASTER INVESTMENT POLICY





# CHINO BASIN WATERMASTER

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

## STAFF REPORT

**DATE:** April 26, 2012  
**TO:** Board Members  
**SUBJECT:** Amend Current Chino Basin Watermaster Investment Policy To Include Investment Trust of California (CalTRUST) As An Additional Investment Option.

### SUMMARY

**Issue** – Consider Approval To (1) Amend The Current Chino Basin Watermaster Investment Policy To Include Investment Trust of California (CalTRUST) As An Additional Investment Option and (2) Grant Authority To Chief Financial Officer and/or Treasurer To Execute All Other Documents Required For Participation In The (CalTRUST) Program.

**Recommendation** – Approve To (1) Amend The Current Chino Basin Watermaster Investment Policy To Include Investment Trust of California (CalTRUST) As An Additional Investment Option and (2) Grant Authority To Chief Financial Officer and/or Treasurer To Execute All Other Documents Required For Participation In The (CalTRUST) Program.

**Financial Impact** – There are no direct costs associated with joining or investing with Investment Trust of California (CalTRUST). Please note that Investment results cannot be guaranteed due to market fluctuations. However, when compared to the returns of LAIF, there should be a small increase in interest income earned by Watermaster on funds invested in the short-term at (CalTRUST). This action combined with the Excess Reserve Return Policy recently adopted by the Board minimizes the impact to Watermaster parties resulting from Watermaster holding reserve funds.

### Background:

At the direction of the Appropriate Pool, Advisory Committee and Board, a meeting was held at the Watermaster offices on Wednesday, February 8, 2012 at 3:00pm for any interested Watermaster parties to discuss the overall Cash Reserve Policy. During these discussions involving the Cash Reserve Policy, the topic of the Watermaster Investment Policy was brought up. A recommendation for the Watermaster staff to investigate the option of adding (CalTRUST) to the Investment Policy as an additional investment option for Watermaster was suggested. During the Pool meetings of March 8, 2012; the Advisory Committee meeting of March 15, 2012; and the Watermaster Board meeting of March 22, 2012 the Interim CEO brought the suggestion of including (CalTRUST) as an additional option within the Watermaster Investment Policy. There were no clear objections at any of the meetings in March, so Staff is bringing forward the recommendation. The current Watermaster Investment Policy and Resolution 12-01 was approved and adopted by the Advisory Committee on January 19, 2012 and by the Watermaster Board on January 26, 2012.



**Summary/Discussion:**

A number of California public agencies have created a Joint Powers Authority (JPA) -- the Investment Trust of California, commonly known as (CalTRUST) -- for the purpose of pooling local agency assets for investing. Membership in the (CalTRUST) program is open to any Public Agency in California. At the present time, there are over 100 (CalTRUST) participants. A partial listing of the current participants within the (CalTRUST) program are listed below:

Counties:

- Riverside County\*
- San Diego County\*

Cities:

- Chino\*
- Chino Redevelopment Agency\*
- Riverside
- Rancho Cucamonga
- Rancho Cucamonga Redevelopment Agency
- San Bernardino
- Sacramento\*
- Sacramento Housing and Redevelopment Agency
- Palm Springs

Water Districts/Special Districts:

- Eastern Municipal Water District
- Chino Basin Water Conservation District
- West Valley Mosquito and Vector Control District\*
- Los Angeles County Metropolitan Transportation Agency
- Inland Empire Utilities Agency
- San Diego Unified Port District
- Santa Ana Watershed Project Authority
- Yorba Linda Water District
- West Valley Water District
- Chino Valley Fire District

Other:

- Association of California Water Agencies (ACWA)
- ACWA Health Benefits Authority

\*JPA Member

(CalTRUST) invests in fixed income securities eligible for local agency investment pursuant to California Government Code Sections 53601 and 53635. A Board of Trustees supervises and administers the investment programs of the JPA. (CalTRUST) maintains and administers four pooled accounts within the program:

- a **Money Market** option, which invests in an existing SEC-registered money market fund, which is rated "AAA" by Standard & Poor's and "Aaa" by Moody's Investor Services, and which maintains a dollar-weighted average maturity of less than 90 days;
- a **Short-Term** Account with a target duration of 0-2 years;
- a **Medium-Term** Account with a target duration of 1.5-3.5 years; and
- a **Long-Term** Account with a target duration of 5-7 years (although authorized by the CalTRUST Joint Powers Agreement, the CalTRUST Board of Trustees has elected to defer the opening of the Long-Term Account until the interest rate environment is more favorable for longer term securities).

Currently, Watermaster would be most interested in the Short-Term investment option due to cash flow restrictions and the availability of long term funds. The Money Market account permits daily transactions, with same-day liquidity (provided redemption requests are received by 1:00 p.m. Pacific time), with no limit on the amount of funds that may be invested. The Short-Term account permits an unlimited number of transactions per month (with prior day notice), with no limit on the amount of funds that may be invested. The Medium- and Long-Term accounts permit investments, withdrawals and transfers once per month, with five days advance notice. At present, the JPA requires a minimum investment of \$250,000; however, this requirement can be waived at the discretion of the CalTRUST Administrator. CalTRUST provides printed statements on a monthly basis, as well as 24-hour, password protected information on member accounts via online access.

Staff recommends the current Chino Basin Watermaster Investment Policy be amended to include the Investment Trust of California (CalTRUST) as an additional investment option, as well as a grant of authority to the Chief Financial Officer and/or Treasurer to execute all other documents required for participation in the (CalTRUST) program.



CalTrust Short Term Fund  
MONTH END PORTFOLIO STATISTICS  
February 29, 2012

	CalTrust Short Term	LAIF		CalTrust Short Term Total Return	CalTrust Short Term Yield Return	LAIF Yield Return
Market Value	\$588,518,689.89	N/A	One Month	0.07%	0.04%	0.03%
NAV per Share	\$10.02	N/A	Three Month	0.21%	0.13%	0.10%
Yield	0.54%	0.39%	Six Month	0.20%	0.26%	0.19%
Period Total Return	0.07%	N/A	Y-T-D	0.23%	0.09%	0.06%
Period Yield Return	0.04%	0.03%	One Year	0.50%	0.53%	0.40%
Effective Duration	0.65 Yrs.		Two Year	0.58%	0.56%	0.45%
Average Maturity	1.21 Yrs.	0.67 Yrs.	Three Year	1.04%	0.63%	0.63%
			Five Year	1.95%	1.90%	1.96%
			Since Inception	2.64%	2.60%	2.57%

Portfolio Sector Breakdown	Portfolio Quality Breakdown
<ul style="list-style-type: none"> <li>47.2% US Govt Agency</li> <li>29.6% Corporate</li> <li>12.0% Muni</li> <li>5.2% MBS/ABS</li> <li>4.2% CP</li> <li>3.0% Money Market &amp; Cash</li> </ul>	<ul style="list-style-type: none"> <li>50.2% AAA</li> <li>10.0% A+</li> <li>7.7% AA+</li> <li>7.8% AA</li> <li>8.1% A</li> <li>4.2% A-1</li> <li>4.0% A-</li> <li>3.0% HR</li> <li>2.2% AWA-1+</li> <li>1.7% CP-1+</li> <li>0.3% AA</li> </ul>

Inception date of the Portfolio - February 13, 2005. See disclosure below.  
Returns are Net of Fees. Rating Source - Standard & Poor's  
Yield represents the 7 Day Net Distribution on investments for the period.

Disclosure to Performance Information

- This performance information is based on an inception date of February 13, 2005, when the CalTrust Short-Term portfolio commenced investment operations according to its investment objective, and does not include any investment returns from temporary investments held before the commencement of those operations.
- Five-month index returns, February 13-28, 2005, are retro-puted and were calculated by calculating the average daily return during the month and multiplying the average daily return by number of days in the shortened period.
- Performance was calculated net of investment advisory and program administration fees.
- The Local Agency Investment Fund (LAIF) is a diversified portfolio managed by the State of California for local governments and special districts.
- Performance for the CalTRUST Short Term Account is on a trade date basis. LAIF's monthly performance was calculated by taking the average monthly effective yield and dividing it by 265 then multiplying the result by the number of days in the month.
- Past performance is no guarantee of future results.

**CHINO BASIN WATERMASTER  
INVESTMENT POLICY**

**1.0 POLICY**

**WHEREAS;** the Legislature of the State of California has declared that the deposit and investment of public funds by local officials and local agencies is an issue of statewide concern; and

**WHEREAS;** the legislative body of a local agency may invest monies not required for the immediate necessities of the local agency in accordance with the provisions of California Government Code Sections 5922 and 53601 et seq.; and

**WHEREAS;** the Chief Executive Officer ("CEO") of the Chino Basin Watermaster ("Watermaster") shall annually prepare and submit a statement of investment policy and such policy, and any changes thereto, shall be considered by the Board of Directors at a public meeting;

**NOW THEREFORE,** it shall be the policy of the Watermaster to invest funds in a manner which will provide the highest investment return with the maximum security while meeting the daily cash flow demands of the Watermaster and conforming to all statutes and judgments governing the investment of Watermaster funds.

**2.0 SCOPE**

This investment policy applies to all financial assets of the Watermaster. These funds are accounted for in the annual Watermaster audit.

**3.0 PRUDENCE**

Investments shall be made with judgment and care, under circumstances then prevailing, including, but not limited to, the general economic conditions and the anticipated needs of the Watermaster, which persons of prudence, discretion and intelligence exercise in the management of their own affairs; not for speculation, but for investment, considering the probable safety of their capital as well as the probable income to be derived. The standard of prudence to be used by investment officials shall be the "prudent investor" standard California Government Code (53600.3) and shall be applied in the context of managing an overall portfolio. Investment officers (the CEO and his/her designees) acting in accordance with written procedures and the investment policy and exercising due diligence shall be relieved of personal responsibility for an individual security's credit risk or market price changes, provided deviations from expectations are reported in a timely fashion and appropriate action is taken to control adverse developments.

**4.0 OBJECTIVES**

When investing, reinvesting, purchasing, acquiring, exchanging, selling and managing public funds, the primary objectives, in priority order, of the investment activities shall be:

1. Safety: Safety of principal is the foremost objective of the investment program. Investments of the Watermaster shall be undertaken in a manner that seeks to ensure the preservation of capital in the overall portfolio. To attain this objective, diversification is required in order that potential losses on individual securities do not exceed the income generated from the remainder of the portfolio.

2. *Liquidity: The investment portfolio will remain sufficiently liquid to enable the Watermaster to meet all operating requirements which might be reasonably anticipated.*

3. Return on Investments: The investment portfolio shall be designed with the objective of attaining a market rate of return throughout budgetary and economic cycles, taking into account the investment risk constraints and the cash flow characteristics of the portfolio.

## **5.0 DELEGATION OF AUTHORITY**

Authority to manage the investment program is derived from the Judgment Paragraph 23, and from California Government Code 53600, et seq. Management responsibility for the investment program is hereby delegated to the Advisory Committee, who with the CEO shall establish written procedures for the operation of the investment program consistent with this investment policy. Procedures should include references to: safekeeping, repurchase agreements, wire transfer agreements, collateral/depository agreements and banking service contracts, as appropriate. Such procedures shall include explicit delegation of authority to persons responsible for investment transactions, such as the Chief Financial Officer. No person may engage in an investment transaction except as provided under the terms of this policy and pursuant to Watermaster rules and regulations 2.16, derived from the Judgment, Paragraph 23. The Board shall be responsible for all transactions undertaken and shall establish a system of controls to regulate the activities of subordinate officials. Under the provisions of California Government Code 53600.3, the CEO is a trustee and a fiduciary subject to the prudent investor standard.

## **6.0 ETHICS AND CONFLICTS OF INTEREST**

Officers and employees involved in the investment process shall refrain from personal business activity that could conflict with the proper execution of the investment program, or which could impair their ability to make impartial investment decisions.

## **7.0 AUTHORIZED AND SUITABLE INVESTMENTS**

The Watermaster is empowered by California Government Code 53601 et seq. to invest in the following:

1. Negotiable certificates of deposit issued by a nationally or state-chartered bank, a savings association or a federal association (as defined by Section 5102 of the Financial Code), or by a state-licensed branch of a foreign bank. Purchases of negotiable certificates of deposit may not exceed \$500,000 in any one Bank at a time.
2. Local Agency Investment Fund (LAIF) in Sacramento, CA.



**3. Investment Trust of California (CalTRUST).**

Such investments shall be limited to securities that at the time of the investment have a term remaining to maturity of five years or less, or as provided above.

**8.0 COLLATERALIZATION**

All certificates of deposit must be collateralized. Collateral must be held by a third party trustee and valued on a monthly basis.

**9.0 DIVERSIFICATION**

The Watermaster will diversify its investments by security type and institution. Assets shall be diversified to eliminate the risk of loss resulting from over concentration of assets in a specific maturity, a specific issuer or a specific class of securities.

**10.0 REPORTING**

*The Watermaster Chief Financial Officer shall prepare Monthly Investment Reports which reflect investment transactions for review by the Pool Committees and the Advisory Committee prior to presentation to the Watermaster Board at their next regularly scheduled meeting.*

*Following formats used in prior years, said Investment Report will reflect the following information.*

- a. Funds held in each Bank at the beginning and ending of the reporting period; and
- b. Investments deposited and/or redeemed by type and by Bank (including interest rates, days invested and maturity yield rates) during the reporting period; and
- c. Investments outstanding at the close of the reporting period (including interest rates, days invested and maturity date); and
- d. Elements effecting the change in Watermaster's cash position; and
- e. A statement signed by the Chief Financial Officer as to the ability of the cash on hand to meet foreseen expenditures during the next six months.

**11.0 INVESTMENT POLICY ADOPTION**

The Investment Policy shall be adopted by resolution of the Watermaster on an annual basis. The Policy Statement will be reviewed by each Pool Committee. Should any Pool Committee recommend revisions to the Policy Statement, it shall be amended prior to presentation to the Advisory Committee for their review and comment. If necessary the Policy Statement will be further amended to reflect the comments of the Advisory Committee. The final Policy Statement will then be presented to the Watermaster Board for adoption at the next regularly scheduled meeting.

**Actions:**

April 12, 2012 Appropriative Pool – Approved unanimously

April 12, 2012 Non-Agricultural Pool – Approved unanimously 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

April 12, 2012 Agricultural Pool – Approved unanimously

April 19, 2012 Advisory Committee – Approved unanimously

April 26, 2012 Watermaster Board –



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# CHINO BASIN WATERMASTER

## II. BUSINESS ITEM

### B. WATERMASTER RESOLUTION 12-04





# CHINO BASIN WATERMASTER

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

## STAFF REPORT

**DATE:** April 26, 2012

**TO:** Board Members

**SUBJECT:** Resolution 12-04 Approving Membership In The ACWA Joint Powers Authority, Consenting To Join The Health Benefits Program Of The ACWA Joint Powers Insurance Authority, Ratifying The Action Of The ACWA Health Benefits Authority Board Of Directors To Terminate The Health Benefits Authority Joint Powers Agreement, And Authorizing And Directing The Chino Basin Watermaster To Execute All Necessary Documents.

### SUMMARY

**Issue** – Consider Approval Of Resolution 12-04 Approving Membership In The ACWA Joint Powers Authority, Consenting To Join The Health Benefits Program Of The ACWA Joint Powers Insurance Authority, Ratifying The Action Of The ACWA Health Benefits Authority Board Of Directors To Terminate The Health Benefits Authority Joint Powers Agreement, And Authorizing And Directing The Chino Basin Watermaster To Execute All Necessary Documents.

**Recommendation** – Approve Resolution 12-04 Approving Membership In The ACWA Joint Powers Authority, Consenting To Join The Health Benefits Program Of The ACWA Joint Powers Insurance Authority, Ratifying The Action Of The ACWA Health Benefits Authority Board Of Directors To Terminate The Health Benefits Authority Joint Powers Agreement, And Authorizing And Directing The Chino Basin Watermaster To Execute All Necessary Documents.

**Financial Impact** – None.

### Background:

Chino Basin Watermaster currently purchases the basic employee life insurance policies through ACWA Health Benefits Authority. The life insurance policy amounts are based upon the employee's base salary, with a cap on salary/policy amount not to exceed \$150,000. Payments to ACWA Health Benefits Authority are issued from Watermaster on a monthly basis. Employees have the option of purchasing additional life insurance, however any additional insurance is at the employee's expense and a payroll deduction is processed each payroll period to cover the premium cost.

On April 4, 2012, Chino Basin Watermaster received a letter dated April 1, 2012 (See Attached) from ACWA Health Benefits Authority regarding the transition of the ACWA Health Benefits Authority (HBA) into the ACWA/Joint Powers Insurance Authority (ACWA/JPIA). On March 28, 2012 the HBA Board voted to dissolve the HBA and transfer the health benefits program to ACWA/JPIA.

ACWA Health Benefits Authority is requesting that (1) Chino Basin Watermaster's Board pass the attached resolution (Resolution 12-04) which consents to join the Employee Benefits Program of the ACWA/Joint Powers Insurance Authority and ratifies the action of the ACWA Health Benefit Authority Board of Directors to terminate the Health Benefits Authority Joint Powers Agreement and (2) that Resolution 12-04 be signed by April 30, 2012 (or sooner), if possible, but no later than May 31, 2012, and mailed.

Staff recommends to approve "Resolution 12-04 Approving Membership In The ACWA Joint Powers Authority, Consenting To Join The Health Benefits Program Of The ACWA Joint Powers Insurance Authority, Ratifying The Action Of The ACWA Health Benefits Authority Board Of Directors To Terminate The Health Benefits Authority Joint Powers Agreement, And Authorizing And Directing The Chino Basin Watermaster To Execute All Necessary Documents".



April 26, 2012



**ACWA  
Health Benefits  
Authority**

RECEIVED

APR 4 2012

CHINO BASIN WATERMASTER

April 1, 2012

Mr. Joe Joswiak  
CFO  
Chino Basin Watermaster  
9641 San Bernardino Road  
Rancho Cucamonga, CA 91730

**RE: Urgent Action Needed to Retain Health Benefits**

Dear Mr. Joswiak,

On March 7 you received a notice announcing the impending transition of the ACWA Health Benefits Authority (HBA) into the ACWA/Joint Powers Insurance Authority (ACWA/JPIA). On March 28, the HBA Board voted to dissolve the HBA and transfer the health benefits program to ACWA/JPIA.

We need your immediate assistance to secure the needed concurrence within the mandated 90-day window. The following steps must be taken to ensure a seamless transition and to retain the employee benefits currently provided by HBA:

- 1. Your board will need to pass the enclosed resolution.** The resolution consents to join the Employee Benefits Program of the ACWA/Joint Powers Insurance Authority and ratifies the action of the ACWA Health Benefits Authority Board of Directors to terminate the Health Benefits Authority Joint Powers Agreement. **Please place the resolution on your next available agency agenda for action.**
- 2. Return the signed resolution:** HBA is requesting the signed resolution by April 30, 2012 (or sooner), if possible, and no later than May 31, 2012. Please mail to:

ACWA HBA  
4600 Northgate Blvd, Suite #100  
Sacramento, CA 95834

**Failure to return the signed resolution by June 29, 2012, may result in loss of coverage for your district employees.**

ACWA Health Benefits Authority 4600 Northgate Blvd., Suite 100, Sacramento, California 95834-1103  
916/779-1145 FAX 916/325-2598 800/736-2292  
[www.acwa.com](http://www.acwa.com)



**ACWA  
Health Benefits  
Authority**

A dedicated website is available to assist you with the process. It includes a list of Frequently Asked Questions (FAQs), model resolutions, a timeline and other information. Please go to [www.hba-transition.com](http://www.hba-transition.com).

An informational webinar is scheduled for Wednesday, April 18, at 10 a.m. Registration details will be provided in the near future.

If you have any further questions, please contact Nancy Stangel, JPIA Director of Administration (800-231-5742, ext. 3133, [nstangel@acwajpia.com](mailto:nstangel@acwajpia.com)) or Cynthia Harding, HBA Operations Manager (800-736-2292, ext. 5, [cynthiah@acwa.com](mailto:cynthiah@acwa.com))

Thank you for your help.

Sincerely,

A handwritten signature in black ink, appearing to read 'Rick Gilmore', is written over a light blue horizontal line.

Rick Gilmore  
Board President  
ACWA HBA

**Attachment: Sample resolution**



RESOLUTION NO. \_\_\_\_\_

**RESOLUTION APPROVING MEMBERSHIP IN THE ACWA JOINT POWERS INSURANCE AUTHORITY, CONSENTING TO JOIN THE HEALTH BENEFITS PROGRAM OF THE ACWA JOINT POWERS INSURANCE AUTHORITY, RATIFYING THE ACTION OF THE ACWA HEALTH BENEFITS AUTHORITY BOARD OF DIRECTORS TO TERMINATE THE HEALTH BENEFITS AUTHORITY JOINT POWERS AGREEMENT, AND AUTHORIZING AND DIRECTING THE CHINO BASIN WATERMASTER TO EXECUTE ALL NECESSARY DOCUMENTS**

WHEREAS, this Agency entered into a joint exercise of powers agreement ("HBA Agreement") with the Association of California Water Agencies Health Benefits Authority ("HBA") in order to pool its purchasing needs with other public agencies desiring to provide their employees with comprehensive and economical health and welfare benefits; and

WHEREAS, this Agency entered into a Health Benefits Memorandum of Understanding ("MOU") to enroll in specific health programs and ancillary programs ("Existing Employee Benefits Coverage") offered by HBA and agreed to abide by: (1) the HBA Agreement; (2) all rules and procedures established by HBA in the administration of the Agency's Existing Employee Benefits Coverage; and (3) all underwriting, eligibility, and contribution requirements in Appendix A to the MOU; and

WHEREAS, certain public agencies have entered into a joint exercise of powers agreement ("JPIA Agreement") with the Association of California Water Agencies Joint Powers Insurance Authority ("JPIA") in order to pool their purchasing needs with other public agencies desiring to obtain comprehensive and economical public liability, workers' compensation, unemployment, health, accident and/or dental, or property coverage; and

WHEREAS, JPIA is both qualified and authorized by the laws of the State of California to administer the Existing Employee Benefits Coverage to this Agency through JPIA's Employee Benefits Program; and

WHEREAS, during a noticed special meeting held on February 6, 2012, the HBA Board of Directors unanimously voted to transfer all HBA operations and administrative functions to JPIA on or about July 1, 2012, and to pursue a merger of the two public agencies after which the HBA Agreement would be terminated; and

WHEREAS, pursuant to Article 22 of the HBA Agreement, the HBA Agreement may be terminated by the HBA Board of Directors subject to ratification by the written consent of three-fourths of the HBA Member agencies within 90 days of the HBA Board's action, provided, however, that HBA and the HBA Agreement shall continue to exist for the purpose of concluding all functions necessary to wind up HBA's affairs; and

WHEREAS, during a noticed regular meeting held on March 28, 2012, the HBA Board of Directors approved HBA Resolution 12-03-02: (1) electing to terminate the HBA Agreement pursuant to Article 22 of the HBA Agreement and, except as provided in clause 2 below, said termination shall become effective upon ratification by the written consent of three-fourths of the HBA member districts and agencies; (2) recognizing that pursuant to Article 22 of the HBA Agreement, HBA and the HBA Agreement shall continue to exist for the purpose of winding up and dissolving the business affairs of HBA, and acknowledge that the HBA Board of Directors is vested with all powers of HBA for doing the same; and (3) declaring that Resolution 12-03-02 shall take effect on April 1, 2012, thereby beginning the 90-day ratification period.

NOW, THEREFORE, BE IT RESOLVED that the Directors of Chino Basin Watermaster hereby:

1. Agree that the JPIA Agreement and the HBA Memorandum of Understanding referred to in the recitals above are incorporated in this resolution by reference.
2. Approve this Agency's membership in the Association of California Water Agencies Joint Powers Insurance Authority.
3. Consent to join JPIA's Employee Benefits Program and acknowledge, represent, and agree that all terms and conditions of the HBA Memorandum of Understanding apply to the provision of this Agency's Existing Employee Benefits Coverage through JPIA.
4. Authorize and direct this Agency's \_\_\_\_\_ to cooperate fully with HBA and JPIA in the execution of any other documents and in the completion of any additional actions that may be necessary or appropriate for the purpose of ensuring that this Agency's Existing Employee Benefits Coverage continues without lapse through JPIA.
5. Ratify the action of the HBA Board of Directors to terminate the HBA Agreement, to be effective as provided in Article 22 of the HBA Agreement.
6. Direct the Secretary of the Board of this Agency to immediately send a certified copy of this resolution to: Association of California Water Agencies Health Benefits Authority, 4600 Northgate Blvd, Suite 100, Sacramento, California, 95834.

PASSED AND ADOPTED by the Directors of Chino Basin Watermaster this \_\_\_\_ day of \_\_\_\_\_, 2012, by the following vote:

\_\_\_\_\_  
President

\_\_\_\_\_  
Attest by:

**Actions:**

April 12, 2012 Appropriative Pool – Approved unanimously

April 12, 2012 Non-Agricultural Pool – Approved unanimously 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

April 12, 2012 Agricultural Pool – Approved unanimously

April 19, 2012 Advisory Committee – Approved unanimously

April 26, 2012 Watermaster Board –

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# CHINO BASIN WATERMASTER

## III. REPORTS/UPDATES

### B. CEO/STAFF REPORT

2. OBMP Semi Annual Status  
Report 2011-02





# 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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## STAFF REPORT

**DATE:** April 26, 2012  
**TO:** Board Members  
**SUBJECT:** OBMP Status Report 2011-2

### SUMMARY

**Issue** – Watermaster produces Semi-Annual Optimum Basin Management Program (OBMP) Status Reports. The report for the period from July to December of 2011 has been drafted.

**Recommendation** – Staff recommends receiving and filing the report along with filing of a courtesy copy with the Court.

**Financial Impact** – There are no significant direct costs for receiving and filing the draft report.

### BACKGROUND

Semi-Annual Status Report 2011-2 covers the period from July to December 2011. The report describes work conducted and the current status for elements of the Optimum Basin Management Program (OBMP) during the 6 month period.

### Actions:

This was reported as a report only and no action required.



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# Optimum Basin Management Program

Staff Status Report 2011-2: July to December 2011



CHINO BASIN WATERMASTER

## Highlighted Activities

- While the basin recharge appetite was whetted by an unusually strong early October storm, the Fall of 2011 was dry in contrast to the wet Fall of 2010. Fortunately, the Summer of 2011 was mild, many conservation efforts remained in place, and state water reservoirs are nearly full.
- About 4,273 acre-feet of recycled water and 3,103 acre-feet of storm/local runoff were recharged within Chino Basin facilities during the July to December 2011 reporting period.
- Metropolitan Water District of Southern California (MWD) ended replenishment water deliveries on September 30, 2011, nearly three months earlier than anticipated. Over 23,634 acre-feet of imported water was recharged during July, August and September, resulting in a total 2011 replenishment water delivery of nearly 33,100 acre-feet, valued at over \$14 million.
- During October 2011, the Chino Basin Desalter Authority (CDA) issued a contract to Best Drilling for construction of Chino Creek Well Field (CCWF or CDA Phase III) Wells I-19, I-20, and I-21. When operational, these wells should allow Watermaster to functionally achieve hydraulic control and demonstrate compliance with Optimum Basin Management Plan (OBMP) objectives.
- In September 2011, initial excavation of soils for the Milliken Avenue Grade Separation also coincided with ground breaking for the Turner Basins Recharge Expansion Project. The City of Ontario, County of San Bernardino, and San Bernardino Association of Governments (SANBAG) jumpstarted the Turner Project, with \$4.5 million in savings, resulting from their project's need for 200,000 cubic yards of soil.
- In December 2011, Watermaster committed \$166,236, the Bureau of Reclamation granted \$406,712, and Inland Empire Utilities Agency (IEUA) committed \$1 million, to design and construct 300 acre-feet per year of additional storm, imported and recycled water recharge capacity at Turner Basins and Guasti Park.
- Construction and initial calibration of the Daniels Street Horizontal Extensometer was completed.
- Several potential sites for the Chino Creek Well Field Vertical (Cable) Extensometer were identified, with the preferred site being on County owned land just south of the Chino Airport. Installation and calibration of this facility is a prerequisite for timely activation of the CCWF.
- Reduced groundwater production projections, reported in 2010 Urban Water Management Plans, suggest a reduced aggregate need for supplemental recharge water in the greater Chino Basin; however, as observed during the summer 2011 MWD replenishment water recharge effort, not all of the Chino Basin Management Zones have comparable recharge capabilities and capacities.
- The 2010 Recharge Master Plan Update Steering Committee was initiated and convened, as directed by the Court Order of October 8, 2010 order. The Committee will continue to meet in 2012 and, based on developing studies, recommend how to implement the Recharge Master Plan.
- Revised HCMP monitoring requirements were negotiated with the Santa Ana Regional Water Quality Control Board and are expected to be implemented through a Basin Plan Amendment.



Turner Basins Recharge Expansion Project Excavation  
Milliken Grade Separation Stockpiles in Background

## Important Court Hearings and Orders

- OCTOBER 28—CHINO BASIN WATERMASTER COURT HEARING ON MANAGEMENT AND IMPLEMENTATION STATUS
- NOVEMBER 1 - ORDER APPROVING CDA RESOLUTION 10-04, PLACING GENERAL ELECTRIC IN OVERLYING (NON-AGRICULTURE) POOL, REQUESTING RESUBMITTAL OF RESTATED JUDGMENT
- DECEMBER 8—ORDER GRANTING EXTENSION TO FILE RECHARGE MASTER PLAN STATUS REPORT THROUGH JUNE 14, 2012



# Optimum Basin Management Program

## Program Element 1: Develop and Implement a Comprehensive Monitoring Program

### *Groundwater Level Monitoring*

The current Watermaster groundwater level monitoring program is comprised of about 700 wells. For about 500 of these wells, the well-owner records water levels monthly and forwards the data to Watermaster quarterly. The remaining 200 wells are mainly south of the 60 Freeway and assess hydraulic control, land subsidence, and impacts from the desalter wells. Watermaster manually measure water levels at these wells monthly or by using pressure transducers that record data in 15 minute increments. These data are quality control checked, loaded into a relational database, and used to develop groundwater level contour maps and implementation assumptions.

### *Groundwater Quality Monitoring*

The groundwater quality monitoring program assembles results from various regional remediation efforts, then integrates the data to provide a comprehensive assessment of groundwater quality:

1. Groundwater quality data developed by Appropriators, Department of Toxic Substance Control (DTSC), Regional Water Quality Control Board (RWQCB), US Geological Survey (USGS), and the Counties for their own requirements are cooperatively provided to the Chino Basin Data Collection (CBDC) program. Watermaster routinely collects, assesses, and loads this data into a centralized relational database management system for subsequent analyses.
2. The Watermaster Key Well Program tests an additional 120 private wells in the southern Chino Basin, that would not otherwise require monitoring. Twenty wells, associated with the southern edge of the Archibald South (formerly OIA), Chino Airport, and Kaiser Steel plumes, are sampled annually, while the remainder are sampled triennially. The Key Well Program also contributes data for triennial ambient water assessment, hydraulic control assessment, Biennial State of the Basin Report, and other Chino Basin groundwater studies.

### *Groundwater Production Monitoring*

Most active wells (except Agricultural Pool minimal producers of less than 10 acre-feet annually) are metered, production read quarterly, and the data entered into Watermaster's database.

### *Surface Water Monitoring*

**Water Quality and Quantity in Recharge Basins.** Watermaster and IEUA estimate the volume of storm and supplemental water recharged, using pressure transducers and staff gauges. MWD provides State Water Project and IEUA provides RP-1 and RP-4 recycled water quality data. Using a mass balance calculation and the volume and quality of each water type, the blended recycled dilution water quality can be projected and, in the near future, a "new yield" estimated.

**Surface Water Monitoring in the Santa Ana River (SAR).** Watermaster regularly measures flow and select water quality parameters to assess whether Chino Basin might impact SAR water quality. These data, combined with groundwater modeling, assess the extent and integrity of hydraulic control from the southern Chino Basin to the greater Santa Ana River Watershed.

### *HCMP Annual Report*

In January 2004, the RWQCB amended the Santa Ana River Basin, Water Quality Control Plan (Basin Plan) to incorporate "maximum benefit" and antidegradation objectives for Total Dissolved Solids (TDS) and Nitrate-Nitrogen (N) for the Chino Basin and Cucamonga Management Zones. Access to the "maximum benefit" objectives relies on Watermaster and IEUA's implementation of specific OBMP projects and monitoring requirements. Annual reports are due each April 15, while this periods quarterly Surface Water Monitoring Program Reports were submitted to the RWQCB on October 15, 2011 and January 16, 2012. During this reporting period, Watermaster manually measured water levels at 427 private wells, downloaded two quarterly data sets from 112 wells containing pressure transducers, collected 90 groundwater, 188 surface and 72 recycled water (direct treatment facility effluent discharge) water quality samples respectively.

ON JANUARY 1,  
2012, DEPTH TO  
GROUNDWATER  
LEVELS AT PA-7  
(AYALA PARK  
PIEZOMETER)  
WERE 104 FEET  
BELOW GROUND  
SURFACE, OVER  
140' ABOVE THE  
MZ-1 GUIDANCE  
CRITERIA LEVEL  
OF 245 FEET.



# Optimum Basin Management Program

## Program Element 1: Develop and Implement a Comprehensive Monitoring Program (Continued)

### Land Surface Monitoring

In response to land subsidence in the City of Chino, Watermaster submitted the MZ-1 Subsidence Management (MZ-1) Plan to the court for approval and, in November 2007, Watermaster Court ordered its implementation (see Program Element 4: Develop and Implement a Comprehensive Groundwater Management Plan for Management Zone 1). The MZ-1 Plan proposed several monitoring and mitigation measures to minimize or abate land subsidence and ground fissuring in the western Chino Basin. These measures and activities include:

- Continued water level monitoring, within the Managed Area, comparable to that which occurred during development of the MZ-1 Plan.
- Expand the aquifer and land subsidence monitoring into other areas of MZ-1, and the Chino Basin, where data indicate a potential concern for subsidence and ground fissuring.
- Construct a horizontal strain monitor (extensometer) across the observed fissure zone.
- Evaluate the potential contribution of groundwater production, in northern MZ-1, on conditions in southern MZ-1.
- Provide for recovery of MZ-1 groundwater levels, while conducting additional testing and monitoring to refine the PA-7 Guidance Criteria.
- Develop an alternative pumping plan for producers impacted by the MZ-1 Plan and post the PA-7 groundwater levels on the Watermaster website to guide its use.
- Construct, and comparison test, vertical and cable extensometers at Ayala Park.
- Evaluate and compare ground-level surveying with Interferometric Synthetic Aperture Radar (InSAR), and recommend future monitoring protocols for both techniques.
- Conduct an ASR (aquifer storage recovery) feasibility study at a City of Chino Hills MZ-1 production well (tentatively well 16).



Horizontal Extensometer Construction

Watermaster undertook the following monitoring and testing activities called for in the MZ-1 Plan:

- The Watermaster Land Subsidence Committee met twice during the period, to assess future monitoring priorities and identify funding support for those activities.
- Compared vertical and cable extensometers at Ayala Park, to validate use of the more cost-effective cable system for application in other parts of the basin, as necessary.
- Evaluated InSAR data from alternate satellite system, which may be further analyzed to detect potential land surface displacement (subsidence) in early 2012.
- Continued implementation of the MZ-1 Managed Area Monitoring Program with the goals of: (1) refining the Guidance Criteria; (2) confirming existence of the Riley Barrier; (3) testing ASR feasibility in the Managed Area; and (4) evaluating the effect of groundwater production and injection on subsidence and recovery in the fissure zone.
- Completed installation and began calibration of the Daniels Street horizontal extensometer across the City of Chino observed zone of surface ground fissuring.
- Identified a location and began negotiating agreements to construct the Chino Creek Well Field (CCWF) cable extensometer (located South of Chino Airport).

### Well Construction, Abandonment and Destruction Monitoring

During the reporting period, the County of San Bernardino provided Watermaster with copies of six well construction permits and five well destruction permits. Watermaster continues to request geologic and post-construction operational characteristics for new wells, as the data can be made available. Following the December 17, 2009 Determination of No Further Action (NFA) by the RWQCB, Watermaster requested continued access for water level and groundwater quality monitoring at sixteen wells owned by the State of California at the Chino Institute for Men through a February 23, 2011 letter. Watermaster will continue to assess whether other wells, planned for destruction can be cost effectively incorporated into our monitoring network, as occurred previously for several Alcoa Wells.



# Optimum Basin Management Program

## Program Element 2: Develop and Implement a Comprehensive Recharge Program

Watermaster, IEUA, Chino Basin Water Conservation District (CBWCD), and San Bernardino County Flood Control District (SBCFCD) jointly sponsor the Chino Basin Groundwater Recharge Program; a comprehensive water supply and reliability program to improve basin water quality, by increasing the recharge of storm, imported, and recycled water. The mean stormwater runoff and theoretical maximum supplemental water recharge capacity, of the Chino Basin Facilities Improvement Program (CBFIP) recharge basins, is about 14,000 and 99,000 acre-feet/yr (AFY) respectively. From July 1 to December 31, 2011, an estimated 30,828 acre-feet of water was recharged throughout the Chino Basin. Imported water made up 23,452 acre-feet of the total, with 16,610 recharging in Monitoring Zone (MZ)-1, 5,118 acre-feet in MZ-2, and 1,724 acre-feet in MZ-3. About 3,103 acre-feet of storm and local runoff infiltrated, with 704 recharging in MZ-1, 1,464 acre-feet in MZ-2, and 935 acre-feet in MZ-3. Since imported and runoff water are preferentially recharged and were relatively available during this reporting period, the volume of recycled water was constrained to about 4,273 acre-feet with 350 acre-feet recharging in MZ-1, 1,842 acre-feet in MZ-2, and 2,081 acre-feet in MZ-3.



Recharging the Chino Basin Groundwater at Victoria Basin

During this period, the 2010 Recharge Master Plan Steering Committee met and began to identify additional cost effective recharge opportunities and projects that could be undertaken in the future. This includes the identification of accounting measures that might recognize and even encourage potential contributions to water harvesting through the requirements of the recently adopted Municipal Separate Storm Sewer System (MS4) Permit, which identifies the need for Water Quality Management Plans (WQMP) with Low Impact Development (LID) characteristics. This Program Element will become increasing important in preserving the Operational Safe Yield of the basin, flushing TDS and TIN out of the South Chino Basin and for blending with recycled water.

In December 2011 Watermaster committed to IEUA, up to \$162,236 towards the projected \$664,712 Turner Basins/Guasti Park Recharge Expansion Project in MZ-2. In a commendable example of inter-agency cooperation, this supplemental project became feasible through coordinated materials extraction for the Milliken Avenue Grade Separation project, supported by the City of Ontario, SanBAG, and San Bernardino County. Following completion in 2014, the expansion project is projected to recharge an addition 300 acre feet of storm runoff annually.

**Reporting.** Watermaster and IEUA submitted to the RWQCB the Second and Third Quarter Groundwater Recharge Program Reports on August 15 and November 15, 2011, respectively.

## Program Element 3: Develop and Implement Water Supply Plan for the Impaired Areas of the Basin

The Chino Basin Desalter Authority (CDA) reported 2010-11 production of 29,319 acre-feet of TDS and TIN impaired groundwater. This raw water was variously treated with air stripping, ion exchange, and reverse osmosis to remove contaminants and, now purified, supplied to the Authority Member Agencies to meet the need for high quality water supply needs in expanding urban areas of the southern Chino Basin. Without expansion of the CDA, the potential for adverse downstream impacts on Orange County Water District recharge facilities would likely have grown as a result of agricultural land conversion and reduced use of the impaired groundwater. Furthermore, increased groundwater loses from the basin might have led to a future reduction in safe yield. The continued operation of the CDA facilities, and eventual expansion to a planned annual capacity of over 40,000 acre-feet, is a prerequisite of the OBMP and will be necessary to achieve effective hydraulic control of the Chino Basin. Towards this production objective, Watermaster and CDA demonstrated continued progress on the RWQCB approved project schedule of June 2010, which should be completed sometime in 2015. The Desalter II expansion has been completed, wells I-16 and I-18 drilled, while wells I-20 and I-21 began construction. Existing design contracts for pipeline, well and pump facilities continue to lead toward task and eventual project completion.



# Optimum Basin Management Program

## Program Element 4: Develop and Implement a Comprehensive Groundwater Management Plan for Management Zone 1

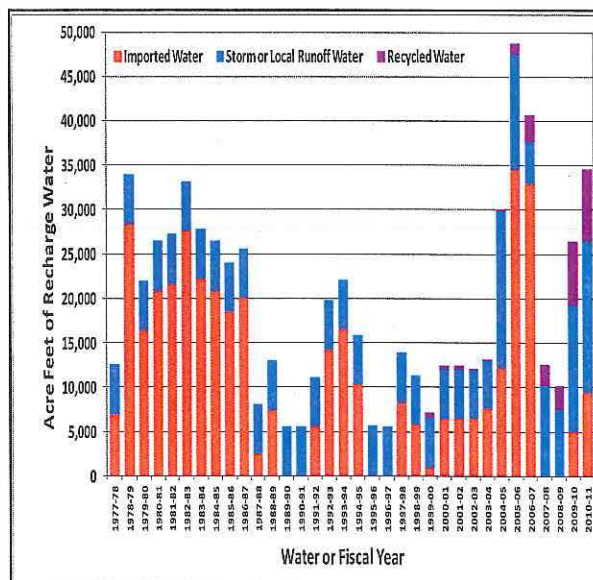
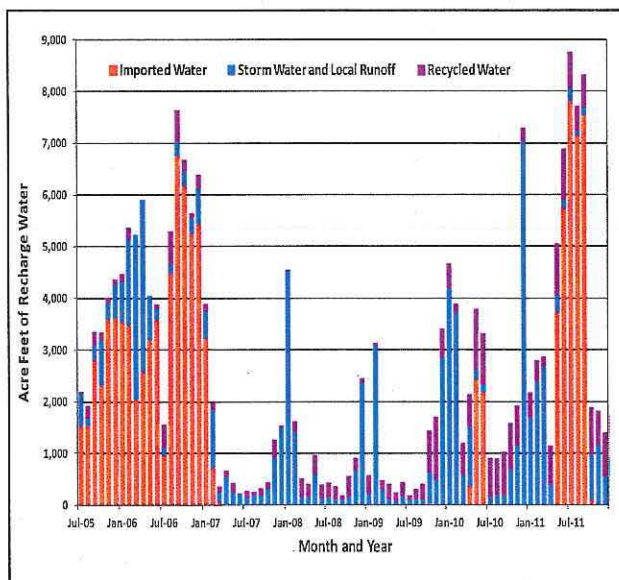
The OBMP called for the development and implementation of an MZ-1 Interim Management Plan (IMP) to mitigate historical, pumping-induced, land subsidence and ground fissuring in southwestern Chino Basin (southern MZ-1). Watermaster prepared the MZ-1 Plan, with Guidance Criteria, which was approved in November 2007 and its implementation ordered by the Court. With this year's expedited recharge of replenishment water, the cumulative Peace II Agreement MZ-1 supplemental water obligation of 32,500 acre-feet, has been satisfied with about 37,063 acre-feet of supplemental water, leaving an obligation excess (credit) of 4,563 acre-feet. The Guidance Criteria also designated a "Managed Area" and contained a list of Managed Wells, from which production is subject to maintaining an initial threshold water level (Guidance Level) above 245 feet below the top of the PA-7 well casing. With sustained replenishment water recharge during this period, groundwater levels at the PA-7 piezometer continued to rise and on January 1, 2012 the level was over 140 feet about the Guidance Level. Correspondingly, the Ayala Park Extensometer has recorded little, if any, permanent compaction.

The Land Subsidence Committee met on July 21, November 16, and December 15, 2011 and continues to implement elements of the MZ-1 Plan including InSAR monitoring using Envisat and other satellite data, construction of the Chino Creek Well Field Cable Extensometer, and necessary budget transfers to support the proposed tasks.

## Program Element 5: Develop and Implement Regional Supplemental Water Program

In the Chino Basin, supplemental water is defined as imported and recycled water. A review of the 2010 Urban Water Management Plans (UWMPs) suggest that local appropriators plan to become increasing dependent on imported water to relieve stress resulting from historic basin groundwater production. During the reporting period about 23,452 acre-feet of imported replenishment water was recharged and another 889 acre-feet injected via Monte Vista Water District ASR wells. Despite the success of the replenishment water program, MWD has purposed to change the imported water program and may eventually decide to discontinue the replenishment water program and substantially change their fee schedules for all imported waters. Watermaster continues to investigate opportunities to increase supplemental water supplies along with IEUA, Three Valleys Municipal Water District, Western Municipal Water District, and the Water Facilities Authority.

**Recycled Water Recharge Monitoring Activities.** The recycled water recharge program is partially regulated under RWQCB Orders R8-2007-0039 and R8-2009-0057. Watermaster and IEUA collect weekly water quality samples at basins actively recharging recycled water. During this reporting period, 27 recycled product and 261 lysimeter water samples were collected from 7 of the 13 basins that may receive recycled water. Monitoring wells, down-gradient of recharge basin that receive recycled water, were sampled at least quarterly, but more frequently during basin start up or soil aquifer treatment (SAT) evaluation, for a total of 87 samples.





# Optimum Basin Management Program

## Program Element 6: Develop and Implement Cooperative Programs with the Regional Water Board and Other Agencies to Improve Basin Management

The Potentially Responsible Parties (PRPs), identified by the RWQCB as responsible for the Ontario International Airport (OIA) or Archibald South Plume, are also known as the ABGL (Aerojet, Boeing, GE, and Lockheed) group. Watermaster participates in meetings with ABGL, their consultants and counsel, the Regional Board, and CDA in order to identify remedies to continued plume mitigation. The ABGL group consultant prepared and submitted a Remedial Investigation Report, proposing that remediation by natural attenuation and containment would be adequate, for consideration by the RWQCB on October 13, 2011.

County of San Bernardino, Department of Airports and agency consultants continue to investigate plume migration and its impact on the Chino Creek Well Field (CCWF) and CDA operations. The Watermaster groundwater model was used to estimate the hydraulic control that would be achieved after the CCWF is completed, prepare maps, charts and concentration data regarding the fate of the Chino Airport plume.

Watermaster continues to monitor water samples, model transport and concentration, and other technical analyses related to several other pollutant plumes in the Chino Basin, with the ultimate objective of having their negative impact on basin water quality substantially reduced. This includes plumes believed to be associated with Alumax Aluminum Recycling, the California Institute for Men, Crown Coach, GE Test Cell and Flatiron, Kaiser Steel, Milliken Landfill, Upland Landfill and the Stringfellow National Priorities List sites.

## Program Element 7: Develop and Implement a Salt Management Program

The Chino Basin Salt Management Program overlaps with three other Program elements. The most proactive element is operation of the CDA desalters facilities and wells which, during Fiscal Year 2010-11, reported production of 29,319 acre-feet of high salt (up to 1,700 mg/L TDS) containing groundwater, that might otherwise impair downstream receiving waters. The brine resulting from membrane treatment is removed from the Basin via the Santa Ana Regional Interceptor (SARI). Pilot studies of brine minimization, to conserve SARI line capacity, continue and are expected to lead to a 2012 facility design contract. By 2015, CDA capacity is expected to increase to over 40,000 acre feet through completion of the Chino Creek Well Field and expansion of the existing desalters. A second active element of salt management is the groundwater recharge program. During recharge, preference is given to storm runoff, then imported water, then recycled water, in recognition of their respective qualities and costs. The concentration of salts and nitrate in the blended recharge water are managed through monitoring at basin lysimeters and at downstream wells. The third element is passively tracking the conversion of agriculture, which tends to concentrate salts through evapotranspiration of water, to urban land uses. The effectiveness of these programs is assessed through modeling of groundwater flows and verified by monitoring salt concentrations at nine HCMP multi-port wells, strategically placed between the desalter well fields, and several wells along the Santa Ana River.

## Program Element 8: Develop and Implement a Groundwater Storage Management Program

Recent events demonstrate the importance of groundwater storage to the Chino Basin. Watermaster has committed to investigate the technical and management implications of Local Storage Agreements, improve related policies and procedures, and then revisit all existing applications of Local Storage Agreements.

## Program Element 9: Develop and Implement a Storage and Recovery Program

The existing Watermaster/IEUA/MWDSC/Three Valley Municipal Water District (TVMWD) Dry-Year Yield (DYY) program continued during the reporting period. By April 30, 2011, all DYY program construction projects and a full "put" and "take" cycle had been completed, leaving the storage account with a zero balance. Watermaster, IEUA, and MWDSC are negotiating amendments to the current contract and, once amended, preparing to initiate a new "put" cycle.

AMBIENT SANTA ANA RIVER HCMP MONITORING APPEARS TO BE STATISTICALLY INSENSITIVE FOR ASSESSING THE IMPACT OF TDS IN CHINO BASIN GROUNDWATER ON THE SANTA ANA RIVER.

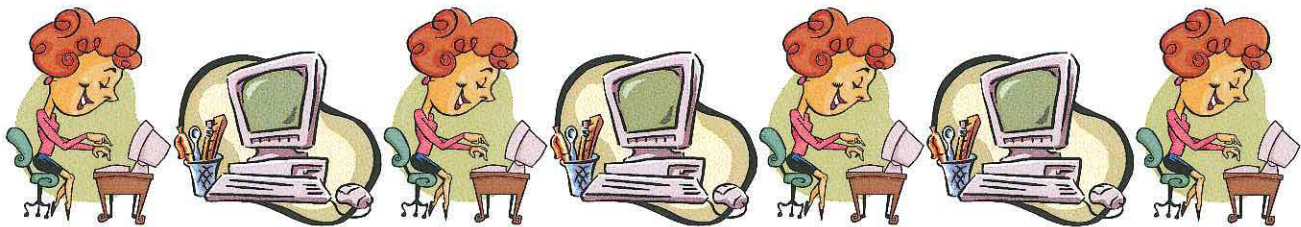
WATERMASTER HAS PROPOSED A DRAFT RWQCB BASIN PLAN AMENDMENT THAT WOULD REDISTRIBUTE THE COST OF THIS UNINFORMATIVE MONITORING TO OTHER EFFORTS.



# CHINO BASIN WATERMASTER

## IV. INFORMATION

1. Cash Disbursements for March 2012



**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month as of**  
**March 29, 2012**

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	03/01/2012	15838	A&R BRIDGESTONE FIRESTONE AUTO CARE	3-3086	1012 · Bank of America Gen'l Ckg	
Bill	02/28/2012	3-3086		Field truck maintenance	6177 · Vehicle Repairs & Maintenance	248.68
TOTAL						248.68
Bill Pmt -Check	03/01/2012	15839	ACWA SERVICES CORPORATION	00198	1012 · Bank of America Gen'l Ckg	
Bill	02/29/2012	00198		Prepayment - March 2012	1409 · Prepaid Life, BAD&D & LTD	137.82
				February 2012	60191 · Life & Disab.ins Benefits	131.90
TOTAL						269.72
Bill Pmt -Check	03/01/2012	15840	APPLIED COMPUTER TECHNOLOGIES	2046	1012 · Bank of America Gen'l Ckg	
Bill	02/28/2012	2046		Database Services - February 2012	6052.2 · Applied Computer Technol	2,309.10
TOTAL						2,309.10
Bill Pmt -Check	03/01/2012	15841	ARROWHEAD MOUNTAIN SPRING WATER	0023230253	1012 · Bank of America Gen'l Ckg	
Bill	02/29/2012	0023230253		Office Water Bottle - February 2012	6031.7 · Other Office Supplies	38.90
TOTAL						38.90
Bill Pmt -Check	03/01/2012	15842	BOWCOCK, ROBERT	2/23/12 Board Meeting	1012 · Bank of America Gen'l Ckg	
Bill	02/23/2012	2/23 Board Meeting		2/23/12 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	03/01/2012	15843	CALPERS	1394905143	1012 · Bank of America Gen'l Ckg	
Bill	02/28/2012	1394905143		Medical insurance Premium - March 2012	60182.1 · Medical Insurance	5,548.88
TOTAL						5,548.88
Bill Pmt -Check	03/01/2012	15844	CALPERS 457 PLAN	Payroll and Taxes for 02/05/12-02/18/12	1012 · Bank of America Gen'l Ckg	
General Journal	02/18/2012	02/18/2012	CALPERS 457 PLAN	Employee 457 Deductions for 02/05/12-02/18/12	2000 · Accounts Payable	11,435.10
TOTAL						11,435.10
Bill Pmt -Check	03/01/2012	15845	COMPUTER NETWORK		1012 · Bank of America Gen'l Ckg	
Bill	02/16/2012	83544		Supplies for plotter - printheads and cartridges	6031.7 · Other Office Supplies	744.55
Bill	02/16/2012	83536		Keyboard for board room	6031.7 · Other Office Supplies	98.59
Bill	02/28/2012	83654		Backup drives	6055 · Computer Hardware	513.97
Bill	02/28/2012	83655		Adobe acrobat software	6054 · Computer Software	322.17
TOTAL						1,679.28
Bill Pmt -Check	03/01/2012	15846	CORELOGIC INFORMATION SOLUTIONS	80418279	1012 · Bank of America Gen'l Ckg	
Bill	02/28/2012	80418279		80418279	7103.7 · Grdwtr Qual-Computer Svc	62.50
				80418279	7101.4 · Prod Monitor-Computer	62.50
TOTAL						125.00

P87



**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month as of**  
**March 29, 2012**

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	03/01/2012	15847	CURATALO, JAMES	2/23/12 Board Meeting	1012 - Bank of America Gen'l Ckg	
Bill	02/23/2012	2/23 Board mtg		2/23/12 Board Meeting	6311 - Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	03/01/2012	15848	DE BOOM, NATHAN	AG Pool Member Meeting Compensation	1012 - Bank of America Gen'l Ckg	
Bill	02/09/2012	2/09 Ag Pool Mtg		2/09/12 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	03/01/2012	15849	DIRECTV	019447404	1012 - Bank of America Gen'l Ckg	
Bill	02/29/2012	019447404		Office connection for 2/19/12 - 3/18/12	6031.7 - Other Office Supplies	86.99
TOTAL						86.99
Bill Pmt -Check	03/01/2012	15850	DURRINGTON, GLEN	AG POOL MEMBER COMPENSATION	1012 - Bank of America Gen'l Ckg	
Bill	02/09/2012	2/09 Ag Pool Mtg		2/09/12 Ag Pool Meeting	8411 - Compensation	25.00
				AG Pool Member Meeting Compensation	8470 - Ag Meeting Attend -Special	100.00
TOTAL						125.00
<b>P88</b>						
Bill Pmt -Check	03/01/2012	15851	ELIE, STEVEN	2/23/12 Board Meeting	1012 - Bank of America Gen'l Ckg	
Bill	02/23/2012	2/23 Board Mtg		2/23/12 Board Meeting	6311 - Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	03/01/2012	15852	FEENSTRA, BOB		1012 - Bank of America Gen'l Ckg	
Bill	02/09/2012	2/09 Ag Pool Mtg		2/09/12 Ag Pool Meeting	8411 - Compensation	25.00
				2/09/12 Ag Pool Meeting	8470 - Ag Meeting Attend -Special	100.00
Bill	02/23/2012	2/23 Board Mtg		2/23/12 Board Meeting	8411 - Compensation	25.00
				2/23/12 Board Meeting	8470 - Ag Meeting Attend -Special	100.00
TOTAL						250.00
Bill Pmt -Check	03/01/2012	15853	GEOSCIENCE SUPPORT SERVICES, INC.	4555-11-02	1012 - Bank of America Gen'l Ckg	
Bill	02/28/2012	4555-11-02		October1, 2011 to January 31, 2012	7107.6 - Grd Level-Contract Svcs	3,295.00
TOTAL						3,295.00
Bill Pmt -Check	03/01/2012	15854	GROOMAN'S PUMP & WELL DRILLING, INC.		1012 - Bank of America Gen'l Ckg	
Bill	02/10/2012	12971		12971	7102.8 - In-line Meter-Callib & Test	1,023.54
Bill	02/10/2012	12970		12970	7102.7 - In-line Meter	796.88
TOTAL						1,820.42
Bill Pmt -Check	03/01/2012	15855	HALL, PETE*		1012 - Bank of America Gen'l Ckg	
Bill	02/09/2012	2/09 Ag Pool Mtg		2/09/12 Ag Pool Meeting	8411 - Compensation	25.00

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month as of**  
**March 29, 2012**

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>
				AG Pool Member Meeting Compensation	8470 · Ag Meeting Attend -Special	100.00
Bill	02/16/2012	2/16 Advisory Comm		2/16/12 Advisory Committee Meeting	8411 · Compensation	25.00
				AG Pool Member Meeting Compensation	8470 · Ag Meeting Attend -Special	100.00
Bill	02/16/2012	2/16 LSCommittee		2/16/12 Land Subsidence Committee Meeting	8411 · Compensation	25.00
				AG Pool Member Meeting Compensation	8470 · Ag Meeting Attend -Special	100.00
Bill	02/23/2012	2/23 Board Mtg		2/23/12 Board Meeting	8411 · Compensation	25.00
				AG Pool Member Meeting Compensation	8470 · Ag Meeting Attend -Special	100.00
<b>TOTAL</b>						<b>500.00</b>
<b>Bill Pmt -Check</b>	<b>03/01/2012</b>	<b>15856</b>	<b>HOGAN LOVELLS</b>	<b>2644389</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	02/08/2012	2644389		Non-Ag Pool Legal Services - January 2012	8567 · Non-Ag Legal Service	6,853.69
<b>TOTAL</b>						<b>6,853.69</b>
<b>Bill Pmt -Check</b>	<b>03/01/2012</b>	<b>15857</b>	<b>HUITSING, JOHN</b>	<b>Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	02/09/2012	2/09 Ag Pool Mtg		2/09/12 Ag Pool Meeting	8411 · Compensation	25.00
				Ag Pool Member Compensation	8470 · Ag Meeting Attend -Special	100.00
<b>TOTAL</b>						<b>125.00</b>
<b>P89</b>						
<b>Bill Pmt -Check</b>	<b>03/01/2012</b>	<b>15858</b>	<b>INLAND EMPIRE UTILITIES AGENCY</b>	<b>90009223</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	02/28/2012	90009223		90009223	8456 · IEUA Readiness To Serve	552.90
<b>TOTAL</b>						<b>552.90</b>
<b>Bill Pmt -Check</b>	<b>03/01/2012</b>	<b>15859</b>	<b>JAMES JOHNSTON</b>	<b>253</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	02/28/2012	253		Website Maintenance - February 2012	6052.3 · Website Consulting	810.00
<b>TOTAL</b>						<b>810.00</b>
<b>Bill Pmt -Check</b>	<b>03/01/2012</b>	<b>15860</b>	<b>KRUGER, W. C. "BILL"</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	02/16/2012	2/16 LSC Committee		2/16/12 Land Subsidence Committee Meeting	6311 · Board Member Compensation	125.00
Bill	02/23/2012	2/23 Board Mtg		2/23/12 Board Meeting	6311 · Board Member Compensation	125.00
<b>TOTAL</b>						<b>250.00</b>
<b>Bill Pmt -Check</b>	<b>03/01/2012</b>	<b>15861</b>	<b>KUHN, BOB</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	02/06/2012	2/06 Personnel Comm		2/06/12 Personnel Committee Meeting	6311 · Board Member Compensation	125.00
Bill	02/09/2012	2/09 Appro Pool Mtg		2/09/12 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00
Bill	02/23/2012	2/23 Board Mtg		2/23/12 Board Meeting	6311 · Board Member Compensation	125.00
Bill	02/28/2012	2/28 Admin Mtg		2/28/12 Administrative Meeting	6311 · Board Member Compensation	125.00
<b>TOTAL</b>						<b>500.00</b>
<b>Bill Pmt -Check</b>	<b>03/01/2012</b>	<b>15862</b>	<b>LANTZ, PAULA</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	02/06/2012	2/06 Personnel Comm		2/06/12 Personnel Committee Meeting	6311 · Board Member Compensation	125.00
Bill	02/09/2012	2/09 App Pool Mtg		2/09/12 Appropriative Pool Meeting	6311 · Board Member Compensation	125.00

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month as of**  
**March 29, 2012**

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	02/23/2012	2/23 Board Mtg		2/23/12 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						375.00
Bill Pmt -Check	03/01/2012	15863	LEGAL SHIELD	111802	1012 · Bank of America Gen'l Ckg	
Bill	02/28/2012	111802		Employee Deductions - February 2012	60194 · Other Employee Insurance	51.80
TOTAL						51.80
Bill Pmt -Check	03/01/2012	15864	MCCALL'S METER SALES & SERVICE	22018	1012 · Bank of America Gen'l Ckg	
Bill	02/10/2012	22018		22018	7102.5 · In-line Meter-Computer	2,057.40
				22018	7102.8 · In-line Meter-Calib & Test	1,350.00
TOTAL						3,407.40
Bill Pmt -Check	03/01/2012	15865	PARK PLACE COMPUTER SOLUTIONS, INC.	459	1012 · Bank of America Gen'l Ckg	
Bill	02/29/2012	459		IT Services - February 2012	6052.1 · Park Place Comp Solutn	2,400.00
TOTAL						2,400.00
Bill Pmt -Check	03/01/2012	15866	PIERSON, JEFFREY		1012 · Bank of America Gen'l Ckg	
Bill	02/09/2012	2/09 Ag Pool Mtg		2/09/12 Ag Pool Meeting	8411 · Compensation	25.00
				2/09/12 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	02/16/2012	2/16 Advisory Comm		2/16/12 Advisory Committee Meeting	8411 · Compensation	25.00
				2/16/12 Advisory Committee Meeting	8470 · Ag Meeting Attend -Special	100.00
Bill	02/23/2012	2/23 Board Mtg		2/23/12 Board Meeting	8411 · Compensation	25.00
				2/23/12 Board Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						375.00
Bill Pmt -Check	03/01/2012	15867	PREMIERE GLOBAL SERVICES	10569878	1012 · Bank of America Gen'l Ckg	
Bill	02/28/2012	10569878		Conference call - 01/03/12	6022 · Telephone	97.50
				Assessment package workshop call - 01/05/12	6022 · Telephone	56.08
				NonAg Pool meeting conference call - 01/12/12	8512 · Meeting Expense	228.02
				CCWF conference call - 01/17/12	7103.6 · Grdwtr Qual-Supplies	74.78
				Monthly service charges	6022 · Telephone	25.48
TOTAL						481.86
Bill Pmt -Check	03/01/2012	15868	PRINTING RESOURCES	57753	1012 · Bank of America Gen'l Ckg	
Bill	02/28/2012	57753		Nameplate for Brad Herrema	6031.7 · Other Office Supplies	28.44
TOTAL						28.44
Bill Pmt -Check	03/01/2012	15869	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
Bill	02/29/2012	139405143		Survivor Benefit FY 2011-2012 premium	60180 · Employers PERS Expense	468.00
TOTAL						468.00

P 90



**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month as of**  
**March 29, 2012**

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	03/01/2012	15870	SOFTCHOICE	2936561	1012 · Bank of America Gen'l Ckg	
Bill	02/28/2012	2936561		Volume License Agreement Renewal-Software	6054 · Computer Software	2,791.04
TOTAL						2,791.04
Bill Pmt -Check	03/01/2012	15871	STANDARD INSURANCE CO.	Policy # 00-640888-0009	1012 · Bank of America Gen'l Ckg	
Bill	02/28/2012	00-640888-0009		Life and AD&D - Policy # 00-640888-0009	60191 · Life & Disab.Ins Benefits	539.66
TOTAL						539.66
Bill Pmt -Check	03/01/2012	15872	STAPLES BUSINESS ADVANTAGE	8021092245	1012 · Bank of America Gen'l Ckg	
Bill	02/18/2012	8021092245		Copy paper	6031.1 · Copy Paper	183.96
				Miscellaneous office supplies	6031.7 · Other Office Supplies	23.70
TOTAL						207.66
Bill Pmt -Check	03/01/2012	15873	STATE COMPENSATION INSURANCE FUND	1970970-11	1012 · Bank of America Gen'l Ckg	
Bill	02/28/2012	1970970-11		Workers Comp Premium - February 2012	60183 · Worker's Comp Insurance	1,359.70
TOTAL						1,359.70
Bill Pmt -Check	03/01/2012	15874	UNITED HEALTHCARE	0026926184	1012 · Bank of America Gen'l Ckg	
Bill	02/28/2012	0026926184		Dental Premium - March 2012	60182.2 · Dental & Vision ins	447.47
TOTAL						447.47
Bill Pmt -Check	03/01/2012	15875	VANDEN HEUVEL, GEOFFREY	6311	1012 · Bank of America Gen'l Ckg	
Bill	02/09/2012	2/09 Ag Pool Mtg		2/09/12 Ag Pool Meeting	6311 · Board Member Compensation	125.00
Bill	02/23/2012	2/23 Board Mtg		2/23/12 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						250.00
Bill Pmt -Check	03/01/2012	15876	VANDEN HEUVEL, ROB	AG POOL MEMBER COMPENSATION	1012 · Bank of America Gen'l Ckg	
Bill	02/09/2012	2/09 Ag Pool Mtg		2/09/12 Ag Pool Meeting	8411 · Compensation	25.00
				Ag Pool Member Compensation	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	03/01/2012	15877	VERIZON	012561121521714508	1012 · Bank of America Gen'l Ckg	
Bill	02/29/2012	012561121521714508		012561121521714508	7405 · PE4-Other Expense	168.47
TOTAL						168.47
Bill Pmt -Check	03/01/2012	15878	VISION SERVICE PLAN	00-101789-0001	1012 · Bank of America Gen'l Ckg	
Bill	02/28/2012	001017890001		Vision Insurance Premium - March 2012	60182.2 · Dental & Vision Ins	26.71
TOTAL						26.71
Bill Pmt -Check	03/01/2012	15879	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	02/18/2012	02/18/2012	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	457 Employee Deductions for 02/05/12-02/18/12	2000 · Accounts Payable	8,086.11

Page 9 of 11

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month as of**  
**March 29, 2012**

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							8,086.11
	General Journal	03/03/2012	03/03/2012	Payroll and Taxes for 02/19/12-03/03/12	Payroll and Taxes for 02/19/12-03/03/12	1012 - Bank of America Gen'l Ckg	
					Payroll Taxes for 02/19/12-03/03/12	1012 - Bank of America Gen'l Ckg	10,208.30
					Direct Deposits for 02/19/12-03/03/12	1012 - Bank of America Gen'l Ckg	26,892.76
							<u>37,101.06</u>
	Bill Pmt -Check	03/08/2012	15880	CHINO BASIN DESALTER AUTHORITY*	1800000097	1012 - Bank of America Gen'l Ckg	
	Bill	02/28/2012	1800000097		Horizontal Extensometer - Progress Pymnt	7107.7 - Grd Level-Extensometer Install	295,200.00
TOTAL							<u>295,200.00</u>
	Bill Pmt -Check	03/12/2012	15881	ACWA SERVICES CORPORATION	00198	1012 - Bank of America Gen'l Ckg	
	Bill	03/06/2012	00198		Prepayment - April 2012	1409 - Prepaid Life, BAD&D & LTD	199.71
					March 2012	60191 - Life & Disab.ins Benefits	152.80
TOTAL							<u>352.51</u>
	Bill Pmt -Check	03/12/2012	15882	CHARLES Z. FEDAK & COMPANY		1012 - Bank of America Gen'l Ckg	
	Bill	02/29/2012			Audit Progress Pymnt - February 2012	6062 - Audit Services	420.00
TOTAL							<u>420.00</u>
	Bill Pmt -Check	03/12/2012	15883	DGO AUTO DETAILING		1012 - Bank of America Gen'l Ckg	
	Bill	02/29/2012			Wash 4 trucks-02/16/12 & 4 trucks-02/29/12	6177 - Vehicle Repairs & Maintenance	200.00
TOTAL							<u>200.00</u>
	Bill Pmt -Check	03/12/2012	15884	GEOSCIENCE SUPPORT SERVICES, INC.	4555-11-03	1012 - Bank of America Gen'l Ckg	
	Bill	02/29/2012	4555-11-03		February 1-29, 2012	7107.6 - Grd Level-Contract Svcs	285.00
TOTAL							<u>285.00</u>
	Bill Pmt -Check	03/12/2012	15885	GOLDEN METERS SERVICE	248	1012 - Bank of America Gen'l Ckg	
	Bill	03/06/2012	248		248	7102.8 - In-line Meter-Calib & Test	1,334.59
TOTAL							<u>1,334.59</u>
	Bill Pmt -Check	03/12/2012	15886	GREAT AMERICA LEASING CORP.	11976896	1012 - Bank of America Gen'l Ckg	
	Bill	02/28/2012	11976869		Copier lease invoice	6043.1 - Ricoh Lease Fee	2,788.53
					Usage for Black Copies	6043.2 - Ricoh Usage & Maintenance Fee	365.60
					Usage for Color Copies	6043.2 - Ricoh Usage & Maintenance Fee	302.53
TOTAL							<u>3,456.66</u>
	Bill Pmt -Check	03/12/2012	15887	HSBC BUSINESS SOLUTIONS	7003-7309-1000-2744	1012 - Bank of America Gen'l Ckg	
	Bill	02/28/2012	7003730910002744		Miscellaneous office supplies	6031.7 - Other Office Supplies	265.49
TOTAL							<u>265.49</u>

Page 2

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month as of**  
**March 29, 2012**

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	03/12/2012	15888	MCCALL'S METER SALES & SERVICE	22105	1012 · Bank of America Gen'l Ckg	
Bill	02/29/2012	22105		22105	7102.5 · in-line Meter-Computer	3,863.89
				22105	7102.7 · in-line Meter	3,358.81
TOTAL						7,222.70
Bill Pmt -Check	03/12/2012	15889	MWH LABORATORIES	L0080845	1012 · Bank of America Gen'l Ckg	
Bill	03/07/2012	L0080845		L0080845	7103.5 · Grdwtr Qual-Lab Svcs	838.00
TOTAL						838.00
Bill Pmt -Check	03/12/2012	15890	PAYCHEX	2012030100	1012 · Bank of America Gen'l Ckg	
Bill	02/29/2012	2012030100		Payroll Services - February 2012	6012 · Payroll Services	252.22
TOTAL						252.22
Bill Pmt -Check	03/12/2012	15891	PURCHASE POWER	8000909000168851	1012 · Bank of America Gen'l Ckg	
Bill	02/29/2012	8000909000168851		Postage/mailings for the month	6042 · Postage - General	78.83
TOTAL						78.83
Bill Pmt -Check	03/12/2012	15892	SAFEGUARD DENTAL & VISION	4245432	1012 · Bank of America Gen'l Ckg	
Bill	03/06/2012	4245432		Vision insurance premium - March 2012	60182.2 · Dental & Vision Ins	7.91
TOTAL						7.91
Bill Pmt -Check	03/12/2012	15893	UNION 76	300-732-989	1012 · Bank of America Gen'l Ckg	
Bill	02/28/2012	300732989		Fuel for February 2012	6175 · Vehicle Fuel	115.60
TOTAL						115.60
Bill Pmt -Check	03/12/2012	15894	UNITED PARCEL SERVICE	2x81x0	1012 · Bank of America Gen'l Ckg	
Bill	02/29/2012	2x81x0		Term sheet to CDA, contract to SBCFCD	6042 · Postage - General	40.42
TOTAL						40.42
Bill Pmt -Check	03/12/2012	15895	WESTERN DENTAL SERVICES, INC.	002483	1012 · Bank of America Gen'l Ckg	
Bill	03/06/2012	002483		Dental insurance premium - April 2012	60182.2 · Dental & Vision Ins	28.88
TOTAL						28.88
Bill Pmt -Check	03/12/2012	15896	YUKON DISPOSAL SERVICE	08-K2 213849	1012 · Bank of America Gen'l Ckg	
Bill	03/06/2012	08-k2 213849		Service for March 2012	6024 · Building Repair & Maintenance	106.53
TOTAL						106.53
General Journal	03/17/2012	03/17/2012	Payroll and Taxes for 03/04/12-03/17/12	Payroll and Taxes for 03/04/12-03/17/12	1012 · Bank of America Gen'l Ckg	
				Payroll Taxes for 03/04/12-03/17/12	1012 · Bank of America Gen'l Ckg	12,858.80
				Direct Deposits for 03/04/12-03/17/12	1012 · Bank of America Gen'l Ckg	30,433.19

P 93

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month as of**  
**March 29, 2012**

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							43,291.99
	Bill Pmt -Check	03/19/2012	15897	A&R BRIDGESTONE FIRESTONE AUTO CARE	3-3504	1012 - Bank of America Gen'l Ckg	
	Bill	02/28/2012	3-3504		Field truck maintenance	6177 - Vehicle Repairs & Maintenance	239.59
TOTAL							239.59
	Bill Pmt -Check	03/19/2012	15898	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 - Bank of America Gen'l Ckg	
	Bill	02/28/2012	XXXX-XXXX-XXXX-9341		Signs for outside of office	6031.7 - Other Office Supplies	180.57
					Lunch for 2/22 Board meeting	6312 - Meeting Expenses	393.96
					Paper towel rolls for restrooms	6031.7 - Other Office Supplies	169.26
TOTAL							743.79
	Bill Pmt -Check	03/19/2012	15899	CALPERS 457 PLAN	Payroll and Taxes for 02/19/12-03/03/12	1012 - Bank of America Gen'l Ckg	
	General Journal	03/03/2012	03/03/2012	CALPERS 457 PLAN	457 Employee Deductions for 02/19/12-03/03/12	2000 - Accounts Payable	6,719.94
TOTAL							6,719.94
	Bill Pmt -Check	03/19/2012	15900	CORELOGIC INFORMATION SOLUTIONS	80438675	1012 - Bank of America Gen'l Ckg	
	Bill	02/28/2012	80438675		80438675	7103.7 - Grdwtr Qual-Computer Svc	62.50
					80438675	7101.4 - Prod Monitor-Computer	62.50
TOTAL							125.00
	Bill Pmt -Check	03/19/2012	15901	GRAINGER	9770786474	1012 - Bank of America Gen'l Ckg	
	Bill	03/05/2012	9770786474		9770786474	7104.6 - Grdwtr Level-Supplies	19.24
TOTAL							19.24
	Bill Pmt -Check	03/19/2012	15902	GROOMAN'S PUMP & WELL DRILLING, INC.	12983	1012 - Bank of America Gen'l Ckg	
	Bill	03/07/2012	12983		12983	7102.7 - In-line Meter	498.02
TOTAL							498.02
	Bill Pmt -Check	03/19/2012	15903	IAAP	93902097	1012 - Bank of America Gen'l Ckg	
	Bill	03/12/2012	93995531		Annual dues for S. Molino - IAAP membership	6111 - Membership Dues	128.00
TOTAL							128.00
	Bill Pmt -Check	03/19/2012	15904	JESKE, KEN'	Reimbursement for phone charges	1012 - Bank of America Gen'l Ckg	
	Bill	03/19/2012			Reimbursement for phone data/call charges	6022 - Telephone	113.75
TOTAL							113.75
	Bill Pmt -Check	03/19/2012	15905	MCCALL'S METER SALES & SERVICE		1012 - Bank of America Gen'l Ckg	
	Bill	02/28/2012	22027		22027	7102.8 - In-line Meter-Calib & Test	375.00
	Bill	02/28/2012	22031		22031	7102.5 - In-line Meter-Computer	387.90
					22031	7102.7 - In-line Meter	3,745.59

P 94

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month as of**  
**March 29, 2012**

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	02/29/2012	22107		22107	7102.5 · In-line Meter-Computer	796.50
				22107	7102.7 · In-line Meter	250.00
				22107	7102.8 · In-line Meter-Calib & Test	450.00
Bill	03/06/2012	22125		22125	7102.5 · In-line Meter-Computer	373.25
				22125	7102.8 · In-line Meter-Calib & Test	450.00
<b>TOTAL</b>						<b>6,828.24</b>
<b>Bill Pmt -Check</b>	<b>03/19/2012</b>	<b>15906</b>	<b>PREMIERE GLOBAL SERVICES</b>	<b>10787886</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	02/28/2012	10787886		Agenda call on 1/31/12	8412 · Meeting Expenses	55.48
				Agenda call on 1/31/12	8312 · Meeting Expenses	55.48
				Agenda call on 1/31/12	8512 · Meeting Expense	55.49
				RMPU Steering Committee meeting/call-02/01/12	7204 · Comp Recharge-Supplies	228.38
				Confidential Approp. Pool meeting/call-02/07/12	8312 · Meeting Expenses	292.91
				Reserve policy meeting/call-02/08/12	6141.3 · Admin Meetings	148.83
				Non-Ag Pool mtg on 02/09/12	8512 · Meeting Expense	79.15
				RMPU Steering Committee meeting/call-02/14/12	7204 · Comp Recharge-Supplies	114.00
				Monthly service fee	6022 · Telephone	23.75
				Monthly fee	6022 · Telephone	14.95
<b>TOTAL</b>						<b>1,068.42</b>
<b>Bill Pmt -Check</b>	<b>03/19/2012</b>	<b>15907</b>	<b>PUBLIC EMPLOYEES' RETIREMENT SYSTEM</b>	<b>Payor #3493</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
General Journal	03/03/2012	03/03/2012	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 02/19/12-03/03/12	2000 · Accounts Payable	8,086.11
<b>TOTAL</b>						<b>8,086.11</b>
<b>Bill Pmt -Check</b>	<b>03/19/2012</b>	<b>15908</b>	<b>PUMP CHECK</b>	<b>4587</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	02/29/2012	4587		4587	7102.8 · In-line Meter-Calib & Test	950.00
<b>TOTAL</b>						<b>950.00</b>
<b>Bill Pmt -Check</b>	<b>03/19/2012</b>	<b>15909</b>	<b>R&amp;D PEST SERVICES</b>	<b>0152950</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	03/12/2012	0152950		Continuing treatment for office	6024 · Building Repair & Maintenance	85.00
<b>TOTAL</b>						<b>85.00</b>
<b>Bill Pmt -Check</b>	<b>03/19/2012</b>	<b>15910</b>	<b>STAPLES BUSINESS ADVANTAGE</b>	<b>8021092245</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	03/12/2012	8021233300		Miscellaneous office supplies	6031.7 · Other Office Supplies	383.01
<b>TOTAL</b>						<b>383.01</b>
<b>Bill Pmt -Check</b>	<b>03/19/2012</b>	<b>15911</b>	<b>VERIZON</b>	<b>012519116950792103</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	02/29/2012	012519116950792103		012519116950792103	6022 · Telephone	480.15
<b>TOTAL</b>						<b>480.15</b>
<b>Bill Pmt -Check</b>	<b>03/19/2012</b>	<b>15912</b>	<b>VERIZON BUSINESS</b>	<b>67198924</b>	<b>1012 · Bank of America Gen'l Ckg</b>	

Page 5



**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month as of**  
**March 29, 2012**

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	03/12/2012	67198924		67198924	6053 · Internet Expense	1,562.96
TOTAL						1,562.96
Bill Pmt -Check	03/21/2012	15913	COMPUTER NETWORK		1012 · Bank of America Gen'l Ckg	
Bill	02/29/2012	83671		Computer repair	6057 · Computer Maintenance	136.59
Bill	03/16/2012	83824		Adobe dreamweaver software	6054 · Computer Software	429.92
TOTAL						566.51
Bill Pmt -Check	03/21/2012	15914	CUCAMONGA VALLEY WATER DISTRICT	Lease Due April 1, 2012	1012 · Bank of America Gen'l Ckg	
Bill	03/19/2012			Lease Due April 1, 2012	1422 · Prepaid Rent	5,984.00
TOTAL						5,984.00
Bill Pmt -Check	03/21/2012	15915	DGO AUTO DETAILING		1012 · Bank of America Gen'l Ckg	
Bill	03/19/2012			Wash 4 trucks on 3/14/12	6177 · Vehicle Repairs & Maintenance	100.00
TOTAL						100.00
Bill Pmt -Check	03/21/2012	15916	EGOSCUE LAW GROUP	10015	1012 · Bank of America Gen'l Ckg	
Bill	02/29/2012	10015		Ag Pool Legal Services - February 2012	8467 · Ag Legal & Technical Services	8,037.50
TOTAL						8,037.50
Bill Pmt -Check	03/21/2012	15917	LEGAL SHIELD	111802	1012 · Bank of America Gen'l Ckg	
Bill	03/16/2012	111802		Employee deductions - March 2012	60194 · Other Employee Insurance	51.80
TOTAL						51.80
Bill Pmt -Check	03/21/2012	15918	PAUL HASTINGS LLP	1917065	1012 · Bank of America Gen'l Ckg	
Bill	02/29/2012	1917065		Ag Pool Legal Services - January 2012	8467 · Ag Legal & Technical Services	8,208.78
TOTAL						8,208.78
Bill Pmt -Check	03/21/2012	15919	PUMP CHECK	4597	1012 · Bank of America Gen'l Ckg	
Bill	03/16/2012	4597		4597	7102.7 · In-line Meter	75.00
				4597	7102.8 · In-line Meter-Calib & Test	380.00
TOTAL						455.00
Bill Pmt -Check	03/21/2012	15920	STAULA, MARY L	Retiree Medical	1012 · Bank of America Gen'l Ckg	
Bill	03/31/2012				60182.4 · Retiree Medical	136.61
TOTAL						136.61
Bill Pmt -Check	03/21/2012	15921	VERIZON WIRELESS	1063272118	1012 · Bank of America Gen'l Ckg	
Bill	03/16/2012	1063272118		Monthly service	6022 · Telephone	473.08
TOTAL						473.08

296

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month as of**  
**March 29, 2012**

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	03/21/2012	15922	<b>BROWNSTEIN HYATT FARBER SCHRECK</b>		<b>1012 - Bank of America Gen'l Ckg</b>	
Bill	02/29/2012	446066		446066 - BHFS Legal - Appropriative Pool	8375 - BHFS Legal - Appropriative Pool	388.71
				446066 - BHFS Legal - Agricultural Pool	8475 - BHFS Legal - Agricultural Pool	388.71
				446066 - BHFS Legal - Non-Ag Pool	8575 - BHFS Legal - Non-Ag Pool	393.78
				446066 - BHFS Legal - Advisory Committee	6275 - BHFS Legal - Advisory Committee	263.25
				446066 - BHFS Legal - Board Meeting	6375 - BHFS Legal - Board Meeting	7,959.39
				446066 - BHFS Legal - Storage Agreements	6076 - BHFS Legal - Storage Agreements	725.40
				446066 - BHFS Legal - Miscellaneous	6078 - BHFS Legal - Miscellaneous	6,613.39
				446066 - Peace II - CEQA	6907.30 - Peace II - CEQA	3,019.50
				446066 - Desalter Negotiations	6907.33 - Desalter Negotiations	142.20
				446066 - Recharge Master Plan	6907.39 - Recharge Master Plan	4,026.15
Bill	02/29/2012	446067		446067 - Santa Ana River Water Rights	6907.34 - Santa Ana River Water Rights	137.25
Bill	02/29/2012	446068		446068 - S. Archibald Plume-Formerly OIA	6907.31 - S. Archibald Plume-Formerly OIA	3,422.25
Bill	02/29/2012	446069		446069 - Chino Airport Plume	6907.32 - Chino Airport Plume	1,316.25
Bill	02/29/2012	446070		446070 - Desalter Negotiations	6907.33 - Desalter Negotiations	4,475.25
Bill	02/29/2012	446071		446071 - Paragraph 31 Motion	6907.35 - Paragraph 31 Motion	17,952.30
<b>TOTAL</b>						<b>51,223.78</b>
<b>P97</b>			<b>WILDERMUTH ENVIRONMENTAL INC</b>		<b>1012 - Bank of America Gen'l Ckg</b>	
Bill Pmt -Check	03/21/2012	15923				
Bill	02/28/2012	2012026		2012026 - OBMP Engineering Services	6906 - OBMP Engineering Services	706.34
Bill	02/28/2012	2012027		2012027 - OBMP Engineering Services	6906 - OBMP Engineering Services	3,377.00
Bill	02/28/2012	2012028		2012028 - OBMP Engineering Services	6906 - OBMP Engineering Services	3,085.00
Bill	02/28/2012	2012029		2012029 - Grdwtr Qual-Engineering	7103.3 - Grdwtr Qual-Engineering	17,460.65
Bill	02/28/2012	2012030		2012030 - Grdwtr Level-Engineering	7104.3 - Grdwtr Level-Engineering	21,911.39
Bill	02/28/2012	2012031		2012031 - Grd Level-Engineering	7107.2 - Grd Level-Engineering	1,670.00
				Neva Ridge - Grd Level-Contract Svcs	7107.6 - Grd Level-Contract Svcs	17,600.00
Bill	02/28/2012	2012032		2012032 - Grd Level-Engineering	7107.2 - Grd Level-Engineering	13,320.89
Bill	02/28/2012	2012033		2012033 - Hydraulic Control-Engineering	7108.3 - Hydraulic Control-Engineering	5,995.74
Bill	02/28/2012	2012034		2012034 - Hydraulic Control-Engineering	7108.3 - Hydraulic Control-Engineering	951.28
Bill	02/28/2012	2012035		2012035 - Hydraulic Control-Engineering	7108.3 - Hydraulic Control-Engineering	28,563.69
Bill	02/28/2012	2012036		2012036 - PE3&5-Engineering	7303 - PE3&5-Engineering	215.00
Bill	02/28/2012	2012037		2012037 - PE4-Engineering	7402 - PE4-Engineering	10,612.50
Bill	02/28/2012	2012038		2012038 - Comp Recharge-Implementation	7202.3 - Comp Recharge-Implementation	53,537.34
Bill	02/28/2012	2012039		2012039 - PE6&7-Engineering	7502 - PE6&7-Engineering	2,750.39
Bill	02/28/2012	2012040		2012040 - OBMP-Watermaster Model Update	6906.1 - OBMP - Watermaster Model Update	60,013.00
<b>TOTAL</b>						<b>241,770.21</b>
<b>Total Disbursements:</b>						<b>794,549.86</b>

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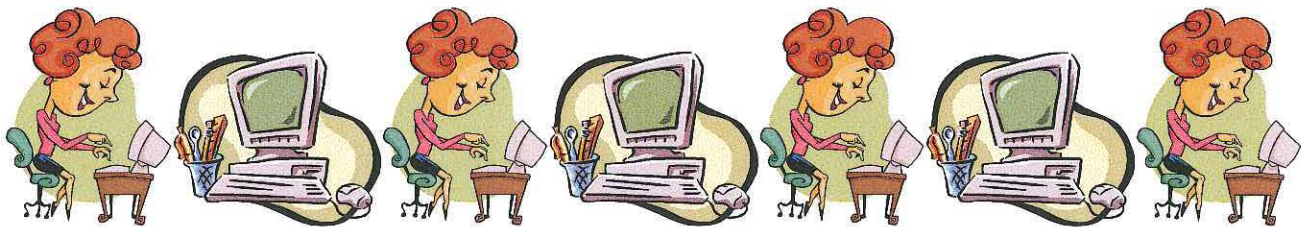


# CHINO BASIN WATERMASTER

## V. POOL MEMBER COMMENTS

### 1. Jurupa Community Services District Presentation

*(The attached presentation is provided at the request of the Jurupa Community Services District. It is a work product of the district)*





# Hydrologic Imbalance in Management Zone-3 of the Chino Basin

Presentation for:  
Chino Basin Watermaster

April 2012

Jurupa Community  
Services District

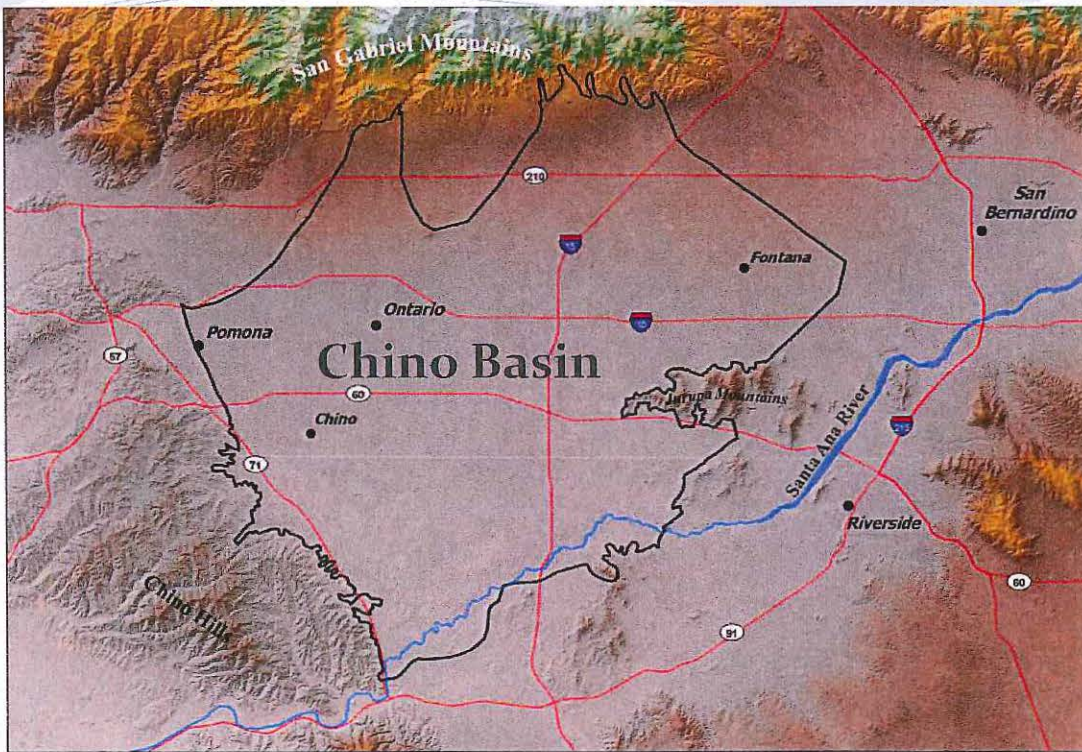
1  
*Thomas Harder & Co.*  
*Groundwater Consulting*

## Presentation Overview

- Management Zone 3 Overview
- Basin Management Context
- Current Hydrologic Imbalance in Eastern Chino Basin
- Historical Physical Recharge in the Chino Basin
- Groundwater Level Trends in JCSD and CDA Chino II Wells
- Recharge Master Plan



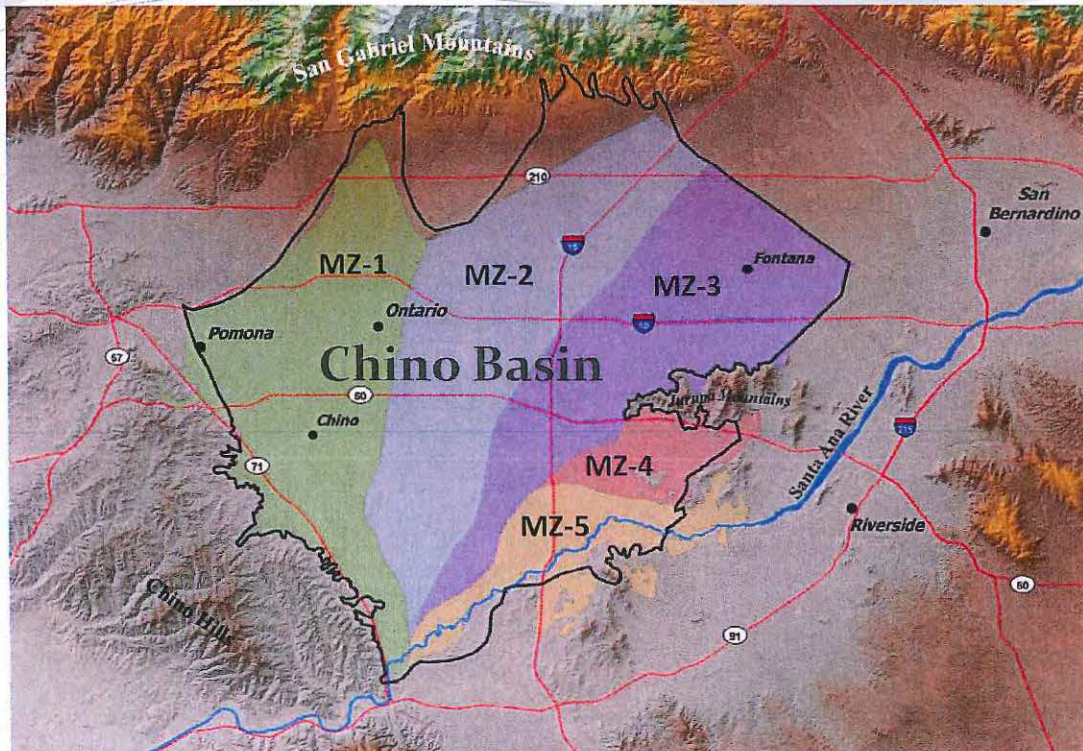
# Chino Basin Overview



3

Thomas Harder & Co.  
Groundwater Consulting

# Chino Basin Management Zones

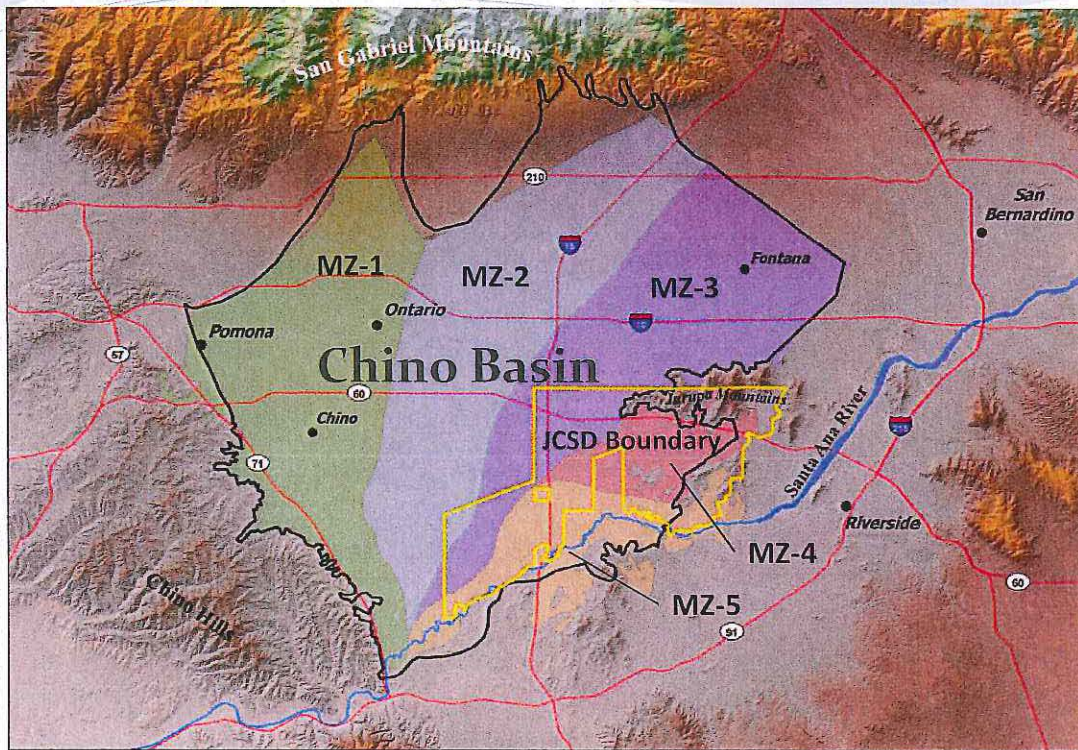


4

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## Chino Basin Management Zones



## Appropriators in MZ-3

- Jurupa Community Services District
- Chino Basin Desalter Authority
- Fontana Water Company
- City of Fontana
- City of Ontario
- Marygold Mutual Water Company
- City of Norco
- Santa Ana River Water Company
- Cucamonga Valley Water District



## Basin Management Context Peace Agreement (2000)

### Expansion of the Chino I Desalter and Construction of the Chino II Desalter in Accordance with the Optimum Basin Management Plan

#### Goals:

- To Reduce Loss of Groundwater Outflow to the Santa Ana River
- Induce Groundwater Inflow from the Santa Ana River (Hydraulic Control)
- Increase Safe Yield
- Improve Groundwater Quality

## Basin Management Context Peace Agreement (2000)

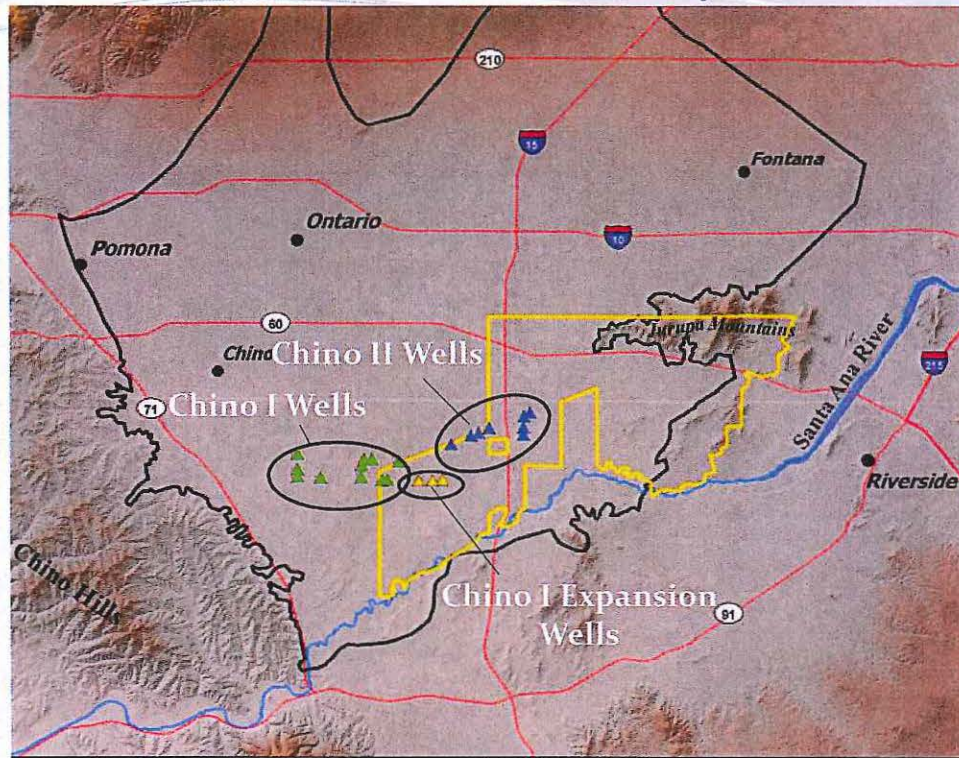
### Section 5.1 (e)

Watermaster shall exercise best efforts to:

- iii. Direct Recharge relative to Production in each area and sub-area of the Basin to achieve long term balance and to promote the goal of equal access to groundwater in all areas and sub-areas of the Chino Basin;...
- vii. Recharge the Chino Basin with water in any area where groundwater levels have declined to such an extent that there is an imminent threat of Material Physical Injury to any party to the Judgement;
- viii. Maintain long-term hydrologic balance between total Recharge and discharge in all areas and sub-areas;...



## Chino Desalter Authority Wells

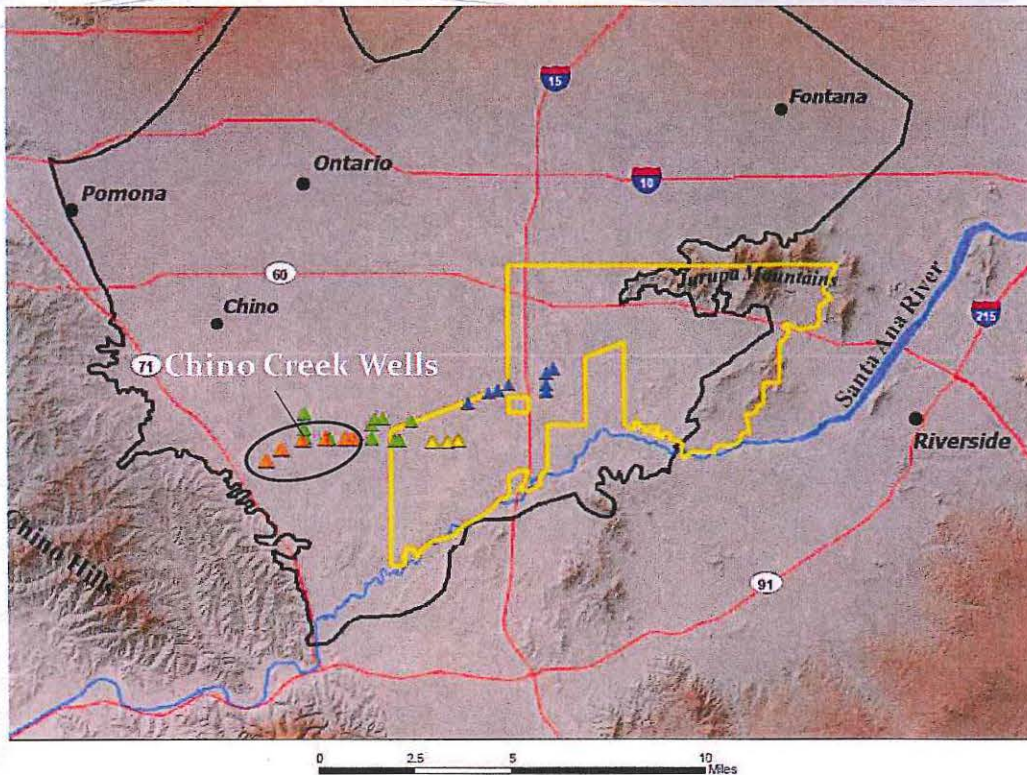


## Basin Management Context Peace II (2007)

- Expansion of Desalter Capacity to 40,000 acre-ft/yr
- Achievement of Hydraulic Control - Chino Creek Well Field
- Re-Operation – 400,000 acre-ft of Controlled Overdraft
- Agreements with RWQCB – Maximum Benefit Objectives
- Ensure Sustainability – Recharge Master Plan



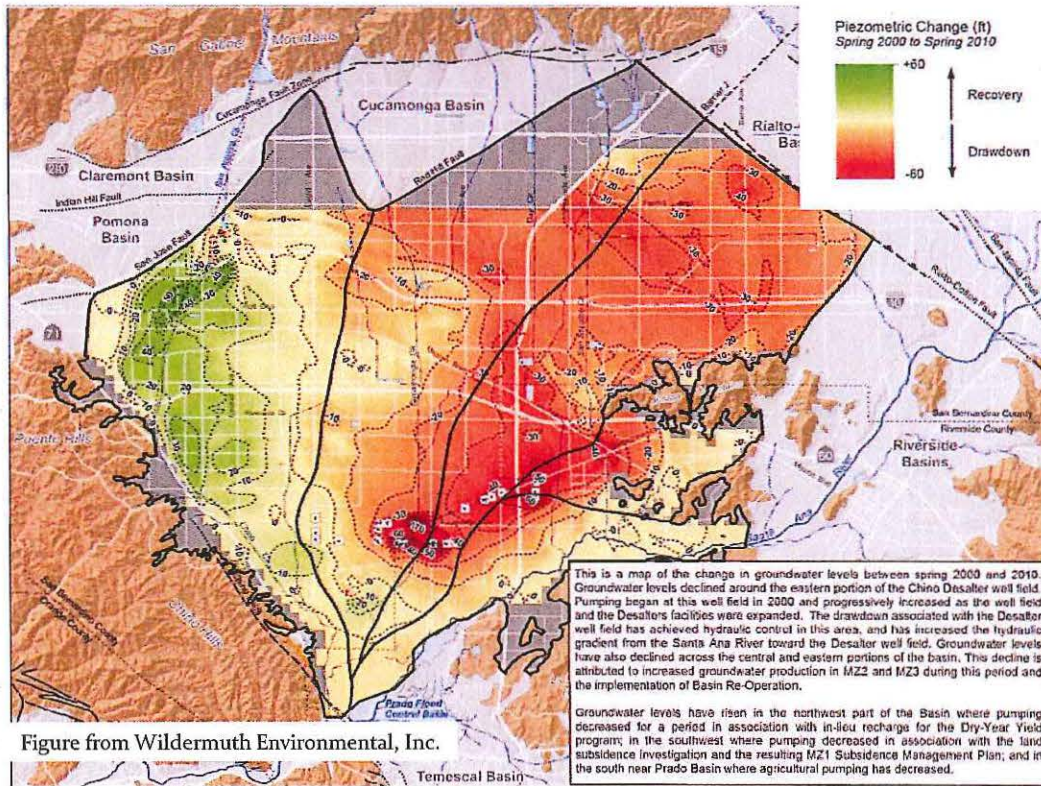
# Peace II – Chino Creek Wells



## Current Hydrologic Imbalance in the Eastern Chino Basin

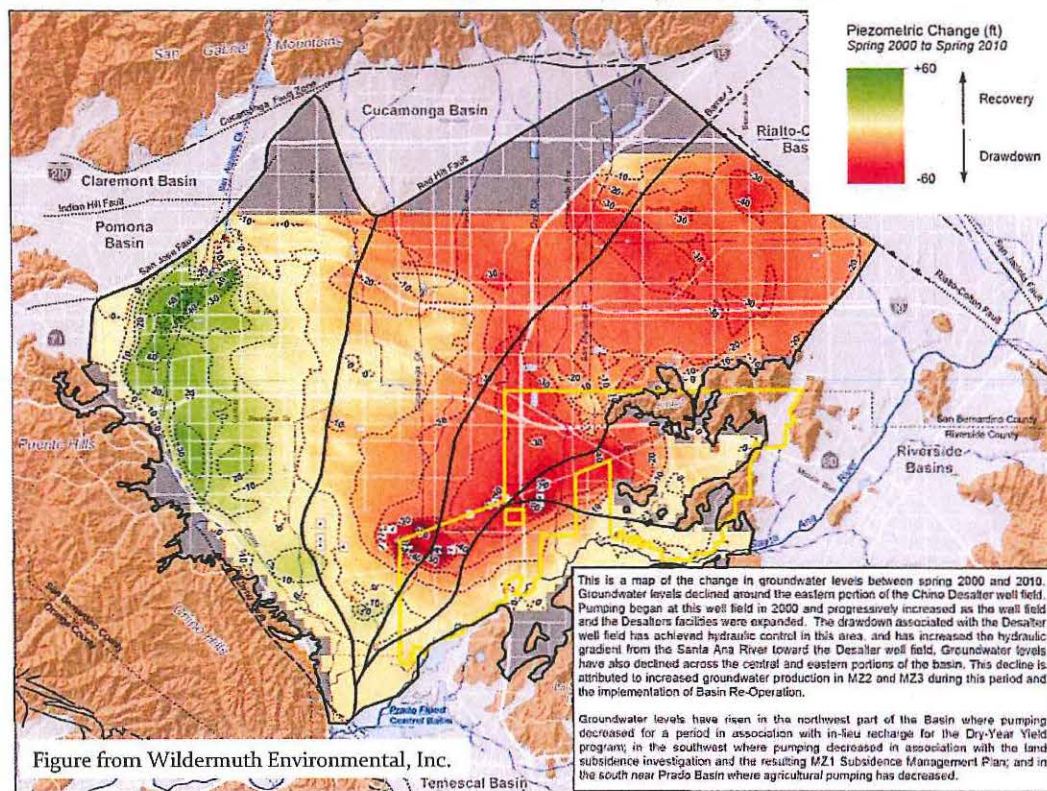


# Change in Groundwater Levels Between 2000 and 2010



13

# Change in Groundwater Levels Between 2000 and 2010



14



# Historical Physical Recharge in the Chino Basin

## Physical Recharge in the Chino Basin

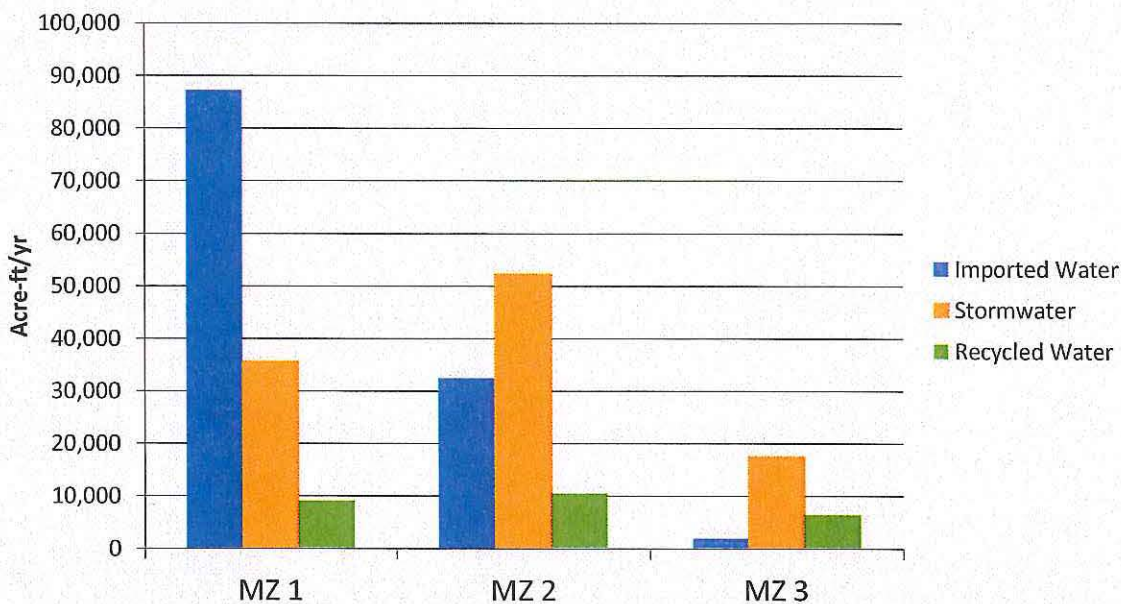
Fiscal Year	MZ-1			MZ-2			MZ-3			Total
	Imported	Storm	Recycled	Imported	Storm	Recycled	Imported	Storm	Recycled	
2000/2001	6,529.7	2,500.0	0.0	0.0	2,100.0	500.3	0.0	900.0	0.0	12,530.0
2001/2002	6,500.1	2,500.0	0.0	0.0	2,100.0	504.6	0.0	900.0	0.0	12,504.7
2002/2003	6,499.4	2,500.0	0.0	0.0	2,100.0	184.5	0.0	900.0	0.0	12,183.9
2003/2004	7,582.3	2,500.0	0.0	0.0	2,100.0	48.5	0.0	900.0	0.0	13,130.8
2004/2005	7,887.2	6,735.0	0.0	4,371.4	9,364.0	158.3	0.0	1,549.0	0.0	30,064.9
2005/2006	18,922.9	3,413.0	0.0	15,451.6	7,723.0	774.0	192.8	1,804.0	529.0	48,810.3
2006/2007	22,477.2	1,396.0	0.0	9,699.5	2,321.0	2,350.0	783.1	1,028.0	643.0	40,697.8
2007/2008	0.0	2,777.0	1,054.0	0.0	5,909.0	1,129.0	0.0	1,519.0	157.0	12,545.0
2008/2009	0.0	2,458.0	1,957.0	0.0	3,433.0	581.0	0.0	1,652.0	146.0	10,227.0
2009/2010	4,981.0	3,865.0	2,762.0	19.0	7,182.0	1,499.0	1.0	3,092.0	2,949.0	26,350.0
2010/2011	5,859.0	5,861.0	3,244.0	2,909.0	7,866.0	2,751.0	882.0	3,223.0	2,015.0	34,610.0
<b>Total</b>	<b>87,238.8</b>	<b>36,505.0</b>	<b>9,017.0</b>	<b>32,450.5</b>	<b>52,198.0</b>	<b>10,480.2</b>	<b>1,858.9</b>	<b>17,467.0</b>	<b>6,439.0</b>	<b>253,654.4</b>
<b>Zone Total</b>	<b>132,760.8</b>			<b>95,128.7</b>			<b>25,764.9</b>			

Notes:

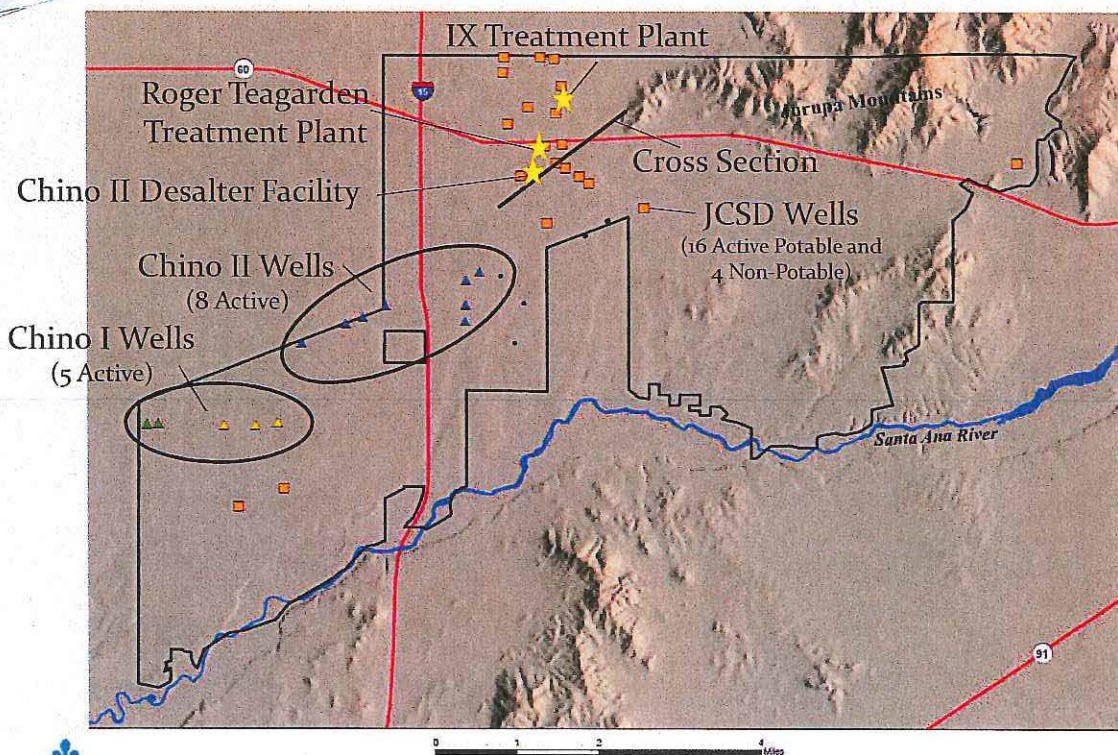
<sup>1</sup> Recharge reported in acre-feet



# Cumulative Physical Recharge in the Chino Basin FY 2000-2011

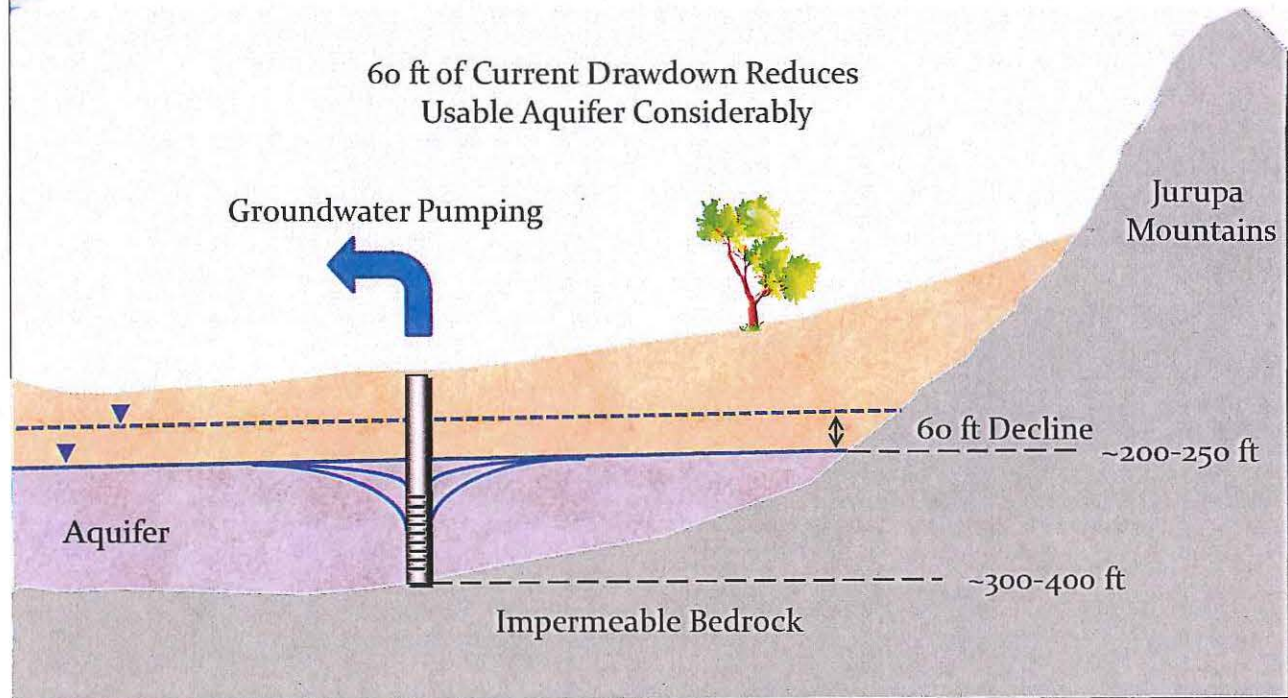


## Southern MZ-3 Production Facilities





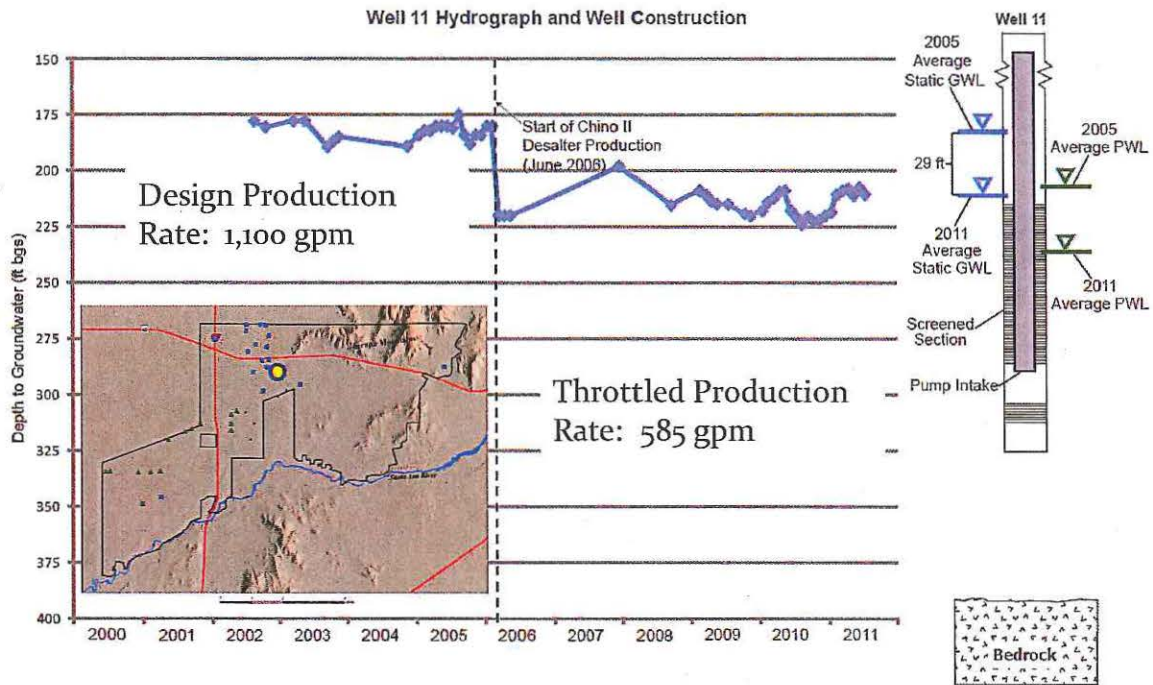
## The Geology of the Southern MZ-3 Area Limits the Ability to Accommodate Significant Groundwater Level Decline



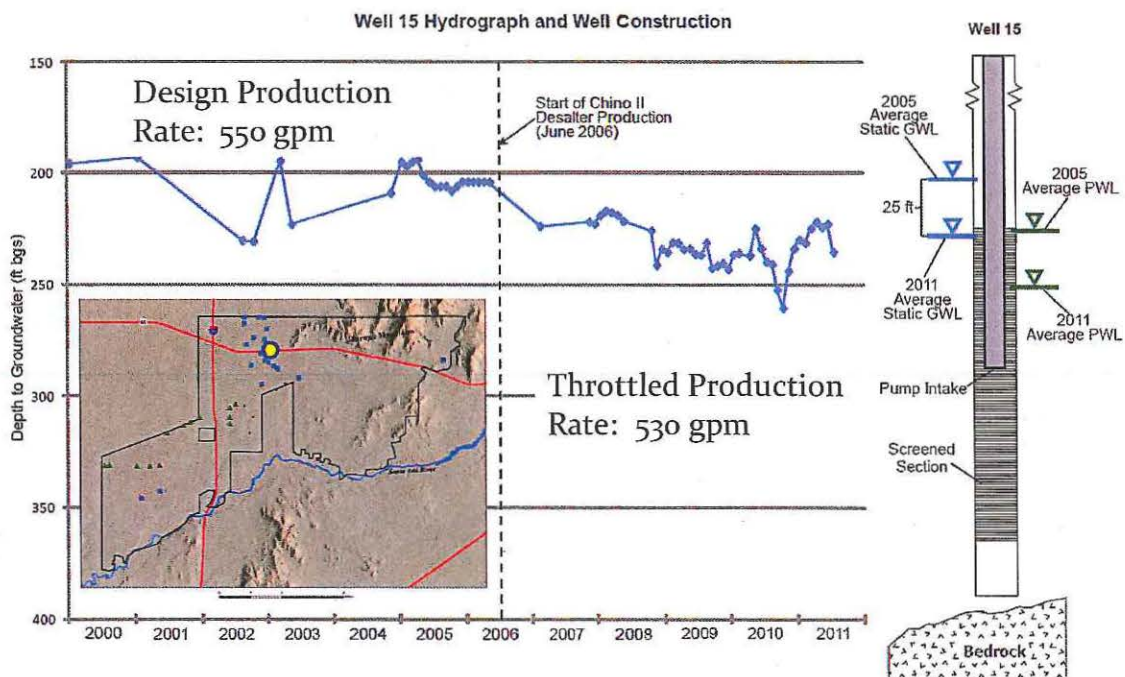
## Consequences of Lowered Groundwater Levels

- Reduced Pumping Capacity
- Throttling of Wells
- Lowered Pump Settings
- Entrained Air

# Groundwater Level Trends in JCSD Wells

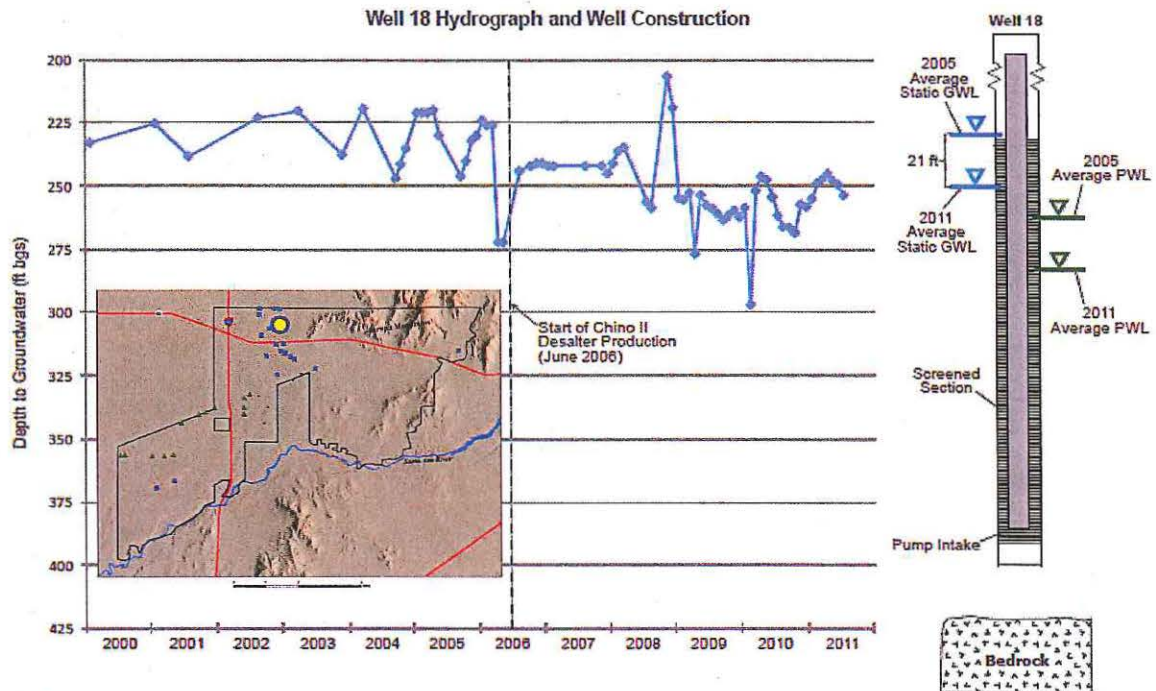


# Groundwater Level Trends in JCSD Wells

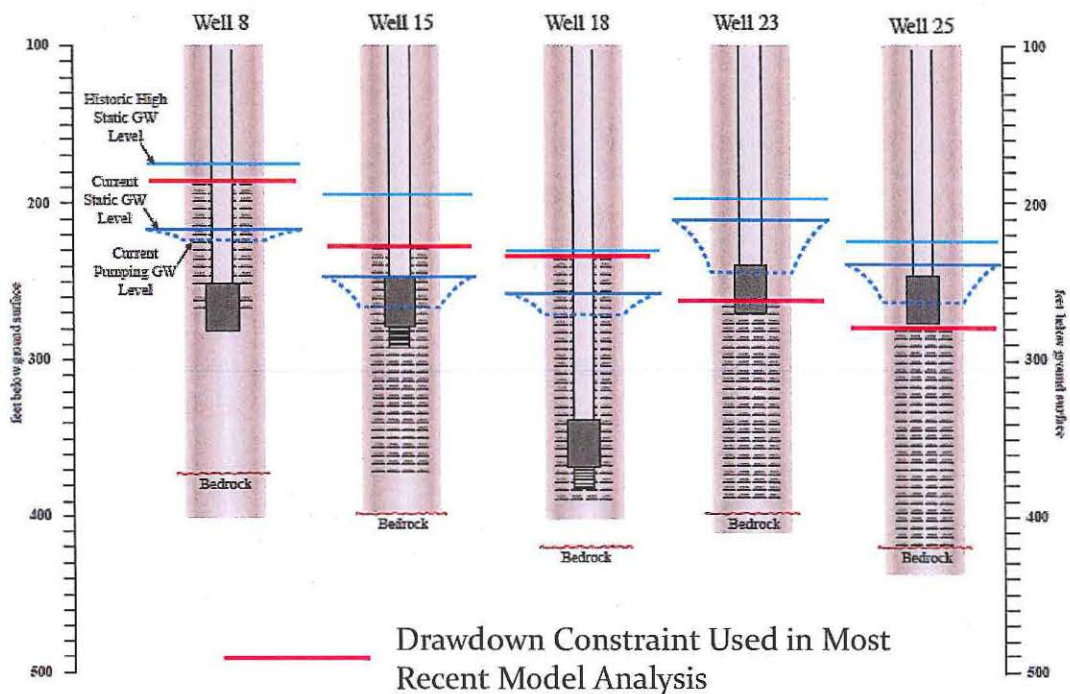




# Groundwater Level Trends in JCSD Wells

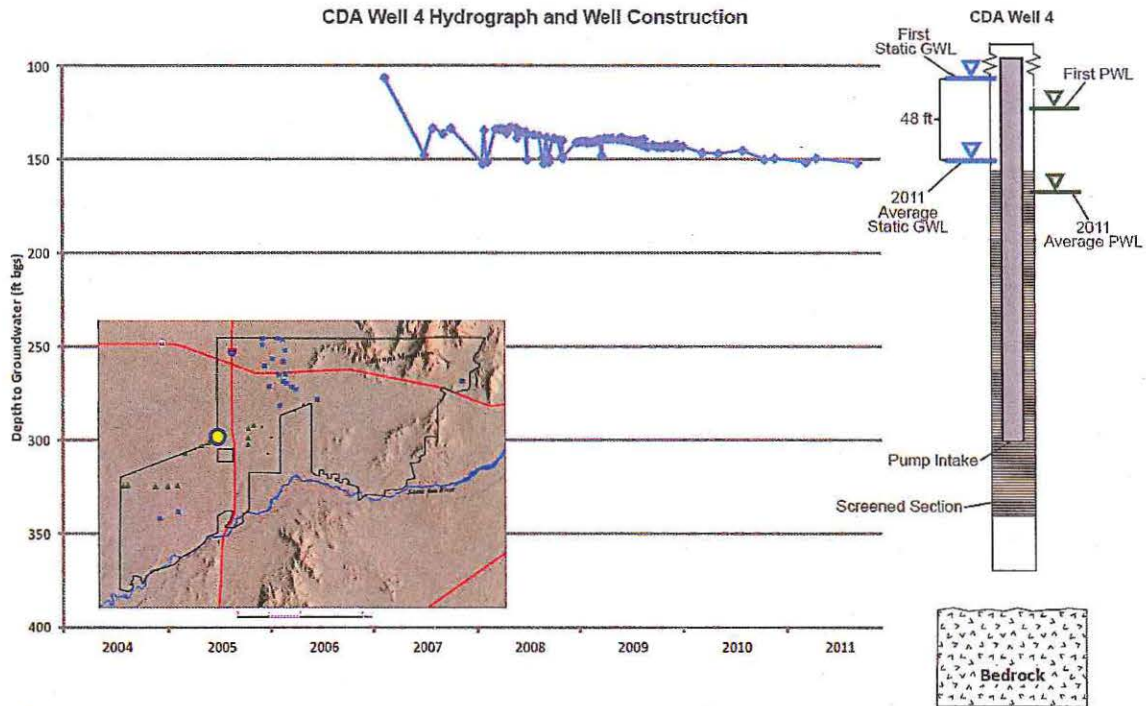


# Drawdown Constraints in JCSD Wells



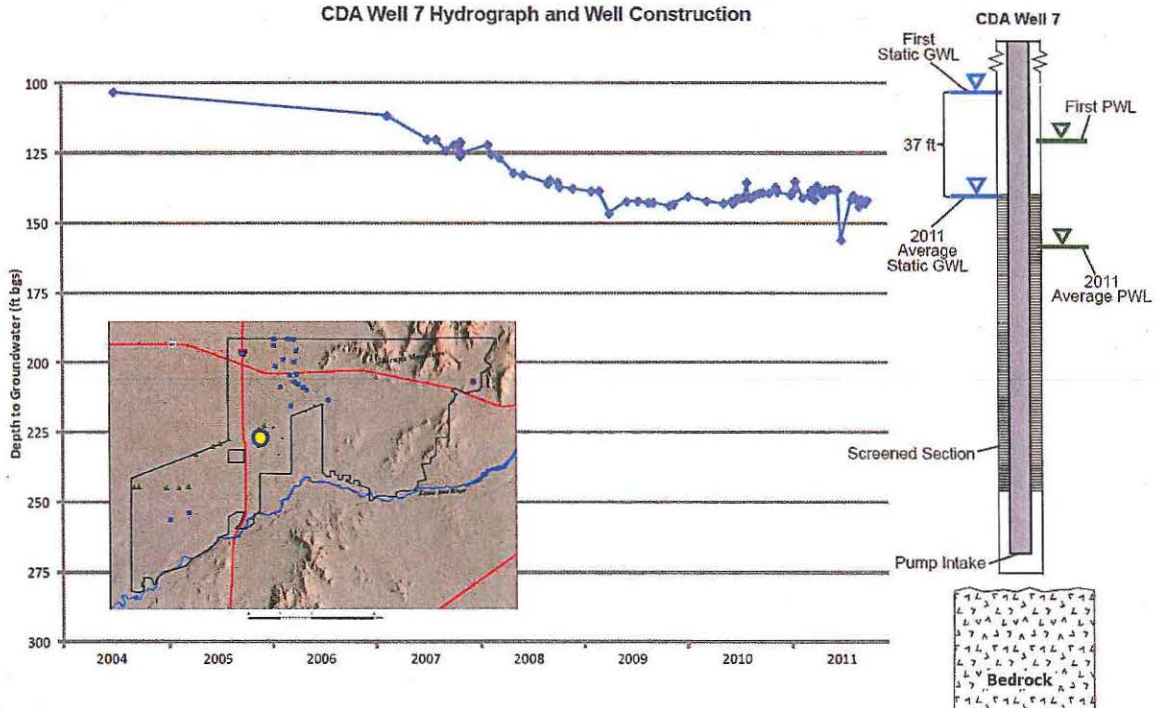
# Groundwater Level Trends in CDA Chino II Wells

CDA Well 4 Hydrograph and Well Construction



# Groundwater Level Trends in CDA Chino II Wells

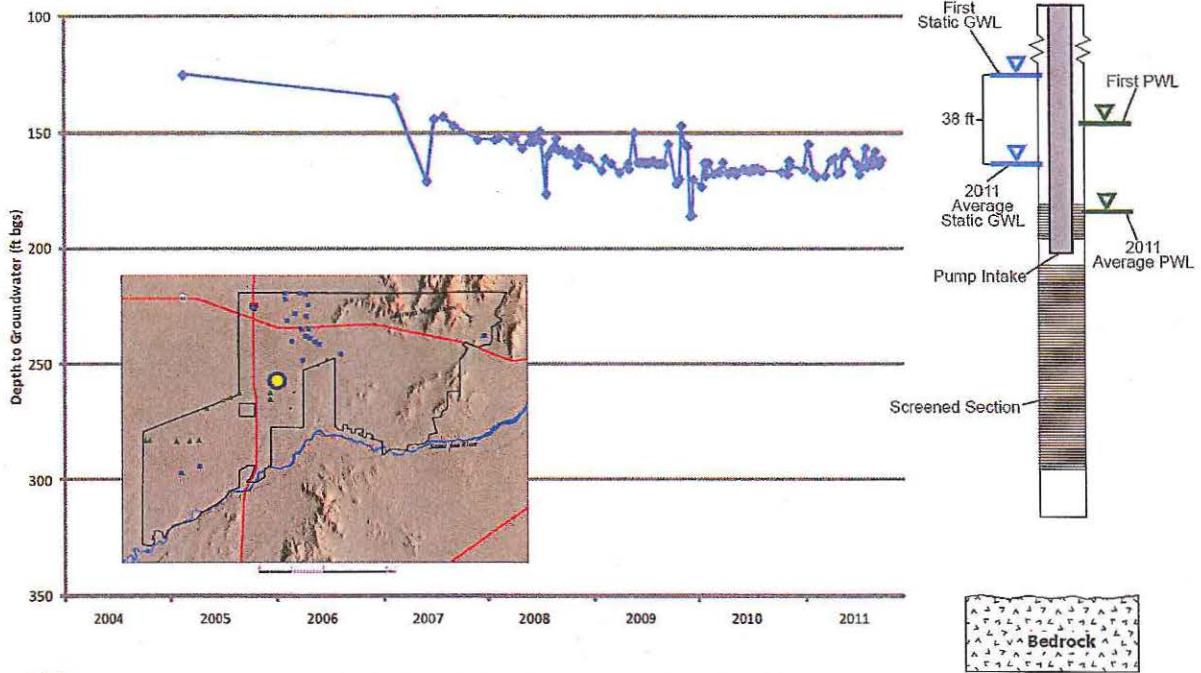
CDA Well 7 Hydrograph and Well Construction



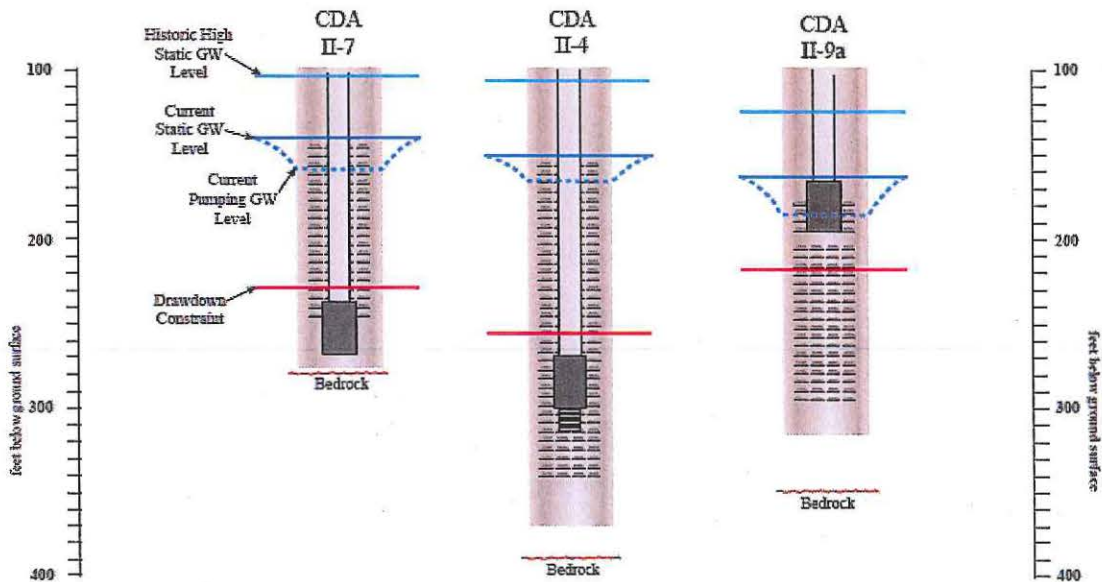


# Groundwater Level Trends in CDA Chino II Wells

CDA Well 9a Hydrograph and Well Construction



# Drawdown Constraints in CDA Wells



— Drawdown Constraint Used in Most Recent Model Analysis (Provided by CDA)

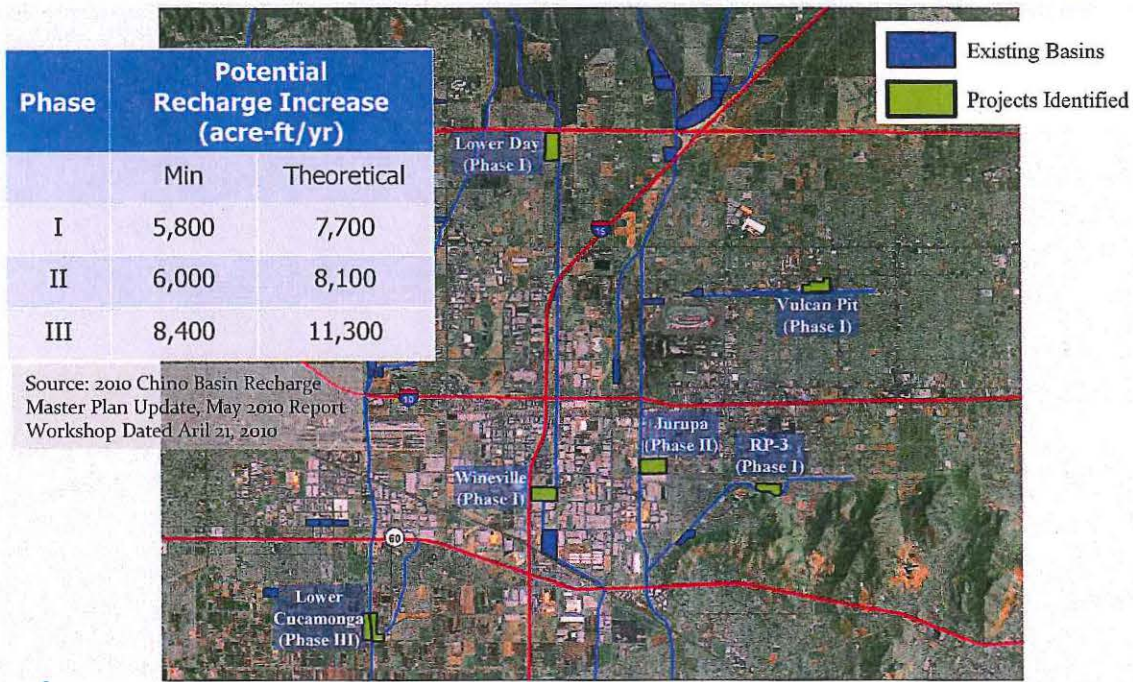
# Recharge Master Plan Planning Efforts

## Recharge Master Plan – Board Directive

In December 2011, the Watermaster Board Committed that within the year (by December 2012) the Recharge Master Plan Update will be Complete as will the Implementation Plan and Financing Plan



## 2010 Recharge Master Plan - Phases I, II & III Stormwater Capture/Recharge Improvements



## 2010 Recharge Master Plan - Phases I, II & III Stormwater Capture/Recharge Cost

Phase	Range of Recharge (acre-ft/yr)		Estimated Total Capital Cost	Annualized Cost with O&M	Range of Unit Cost (per acre-ft)	
	Min	Theoretical			Min	Max
I	5,800	7,700	\$17,146,000	\$1,571,000	\$204	\$271
I & II	6,000	8,100	\$26,547,000	\$2,550,000	\$315	\$425
I, II & III	8,400	11,300	\$64,324,000	\$5,445,000	\$482	\$648

Source: 2010 Chino Basin Recharge Master Plan Update, May 2010 Report Workshop Dated April 21, 2010





# Recharge Master Plan – Watermaster Update

Recharge Steering Committee – Met October-December 2011

Expanded Chino Basin Recharge Master Plan Committee – initial meeting on January 17, 2012

- Facilitated by interim Watermaster CEO – Mr. Ken Jeske
- Participation by significant majority of regional principals
- Discussions regarding a combination of projects that may meet the sustainability goals in a more cost efficient manner
- A sense of urgency regarding the June 2012 court requirements and the Watermaster Board commitments of December 2011

# Recharge Master Plan – Going Forward

- Sustainability of the Basin was a Significant Covenant and Key Component of Peace II
- There are Cost-Effective Solutions
- The “Project” Must Be Adequate to Stabilize Groundwater Levels Above the Drawdown Constraints in MZ-3 Wells (JCSD, CDA, and others)
- Focus on the Physical Solution (Wet Water Recharge)

# Recharge Master Plan – Going Forward

- Capture and Recharge of Stormflow has Multiple Benefits
  - New Yield (Capture Water Otherwise Lost to the Santa Ana River)
  - Relatively Inexpensive (Can be Accomplished Using Existing Facilities)
  - Stewards of the Resource (Appropriate Basin Management)

## Questions