



# CHINO BASIN WATERMASTER



## NOTICE OF MEETINGS

**Thursday, December 8, 2011**

9:00 a.m. – Appropriative Pool Meeting

11:00 a.m. – Non-Agricultural Pool Conference Call Meeting

1:00 p.m. – Agricultural Pool Meeting

***AT THE CHINO BASIN WATERMASTER OFFICES***

*9641 San Bernardino Road*

*Rancho Cucamonga, CA 91730*

*(909) 484-3888*





## **CHINO BASIN WATERMASTER**

**Thursday, December 8, 2011**

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## **AGENDA PACKAGES**



**CHINO BASIN WATERMASTER  
APPROPRIATIVE POOL MEETING**

**9:00 a.m. – December 8, 2011**

**WITH**

*Mr. John Mura, Chair*

*Mr. Marty Zvirbulis, Vice-Chair*

**At The Offices Of**

**Chino Basin Watermaster**

9641 San Bernardino Road

Rancho Cucamonga, CA 91730

**AGENDA**

**CALL TO ORDER**

**AGENDA - ADDITIONS/REORDER**

**I. CONSENT CALENDAR**

**Note: All matters listed under the Consent Calendar are considered to be routine and 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 Appropriative Pool Meeting held November 10, 2011 *(Page 1)*

**B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of October 2011 *(Page 19)*
2. Watermaster VISA Check Detail for the month of October 2011 *(Page 33)*
3. Combining Schedule for the Period July 1, 2011 through October 31, 2011 *(Page 37)*
4. Treasurer's Report of Financial Affairs for the Period October 1, 2011 through October 31, 2011 *(Page 41)*
5. Budget vs. Actual July 2011 through October 31, 2011 *(Page 45)*

**C. REQUEST FOR STORAGE AGREEMENTS**

1. **Consider Approval for Notice of Local Storage Agreement** - The City of Upland has submitted an application for a Local Storage Agreement for 9,500,000 acre-feet to be placed into a Local Supplemental Storage Account. Date of Application: November 29, 2011 *(Page 53)*
2. **Consider Approval for Notice of Local Storage Agreement** - San Antonio Water Company has submitted an application for a Local Storage Account for 2,000,000 acre-feet to be placed into a Local Supplemental Storage Account. Date of Application: December 1, 2011 *(Page 69)*

**II. BUSINESS ITEMS**

**A. CHINO BASIN WATERMASTER RESERVES**

Consider Approval (1) That the Pools receive a report and provide comment on the Chino Basin Watermaster Reserve Balance and (2) that the Pools direct staff how to handle the "Funds On Hand" in the upcoming FY 2011/2012 Assessment Package *(Page 87)*

**B. TURNER BASIN IMPROVEMENT PROJECT AGREEMENT**

Consider Approval of Proposed Cost Sharing Agreement between Watermaster and Inland Empire Utilities Agency (IEUA) for Planning, Design, and Construction Costs Associated with Implementation of Recharge Expansion Opportunities at Turner Basins and Guasti Regional Park (Page 93)

**C. ANNUAL FINDING WITH COMPLIANCE OF UPDATED RECHARGE MASTER PLAN**

Consider Approval That the Pools Recommend That the Board Adopt the Finding in the Wildermuth Report that Watermaster is in Substantial Compliance with the 2010 Recharge Master Plan Update (Page 101)

**D. WEST VENTURE DEVELOPMENT WATER RIGHTS**

Consider Approval to Proceed with Re-Allocation of West Venture Development Company's Safe Yield of 15,657 Acre-Feet to the Current Parties of the Non-Agricultural Pool Pro-Rata to Their Respective Safe Yield, with Notice to the Property Owners, That Purchased the Property to Give Them an Opportunity to Object, and Then Ultimately Proceeding with Direction from the Court (Page 107)

**E. MAILING OF ARCHIBALD SOUTH PLUME WATER QUALITY RESULTS (Information Only)**

Watermaster Staff is Seeking Direction from the Agricultural Pool as to How to Deliver the Results (Page 113)

**III. REPORTS/UPDATES**

**A. WATERMASTER GENERAL LEGAL COUNSEL REPORT**

1. Update on 180 day deferral of December 17, 2011 Recharge Master Plan Filing
2. Aqua Capital Management versus California Steel Industries

**B. WATERMASTER ENGINEERING REPORT**

1. Chino Creek Wellfield Extensometer Location

**C. CEO/STAFF REPORT**

1. RWQCB Basin Plan Amendment Update
2. Recharge Update
3. Resolution of Preemptive Replenishment Water Purchase
4. Notice of Availability of Non-Agricultural Pool Water (Page 115)
5. Annual and Election Meetings for January, 2012 Reminder

**IV. INFORMATION**

1. Cash Disbursements for November 2011 (Page 117)
2. Newspaper Articles (Page 129)

**V. POOL MEMBER COMMENTS**

**VI. OTHER BUSINESS**

**VII. CONFIDENTIAL SESSION - POSSIBLE ACTION**

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

**VIII. FUTURE MEETINGS**

Thursday, December 8, 2011	9:00 a.m.	Appropriative Pool Meeting @ CBWM
Thursday, December 8, 2011	11:00 a.m.	Non-Agricultural Pool Conference Call Meeting
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Thursday, December 15, 2011	1:30 p.m.	Workshop for Review of 2011 Groundwater Production & Replenishment Projections
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Thursday, January 19, 2012	9:00 a.m.	Annual & Election Advisory Committee Meeting @ CBWM
Thursday, January 26, 2012	11:00 a.m.	Annual & Election Watermaster Board Meeting @ CBWM

\* **Note:** Watermaster Board meeting date change due to the Christmas holiday

**Meeting Adjourn**

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**CHINO BASIN WATERMASTER  
NON-AGRICULTURAL POOL CONFERENCE CALL MEETING**

**11:00 a.m. – December 8, 2011**

**WITH**

*Mr. Bob Bowcock, Chair  
Mr. Ken Jeske, Vice-Chair*

**1-800-930-9525 PASS CODE: 917924**

**Conference call can be taken at:**

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

**AGENDA**

**CALL TO ORDER**

**ROLL CALL**

**AGENDA - ADDITIONS/REORDER**

**I. BUSINESS ITEMS**

**A. MINUTES**

1. Minutes of the Non-Agricultural Pool Conference Call Meeting held November 10, 2011  
(Page 7)

**B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of October 2011 (Page 19)
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Consider Approval (1) That the Pools receive a report and provide comment on the Chino Basin Watermaster Reserve Balance and (2) that the Pools direct staff how to handle the "Funds On Hand" in the upcoming FY 2011/2012 Assessment Package (Page 87)

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Consider Approval of Proposed Cost Sharing Agreement between Watermaster and Inland Empire Utilities Agency (IEUA) for Planning, Design, and Construction Costs Associated with Implementation of Recharge Expansion Opportunities at Turner Basins and Guasti Regional Park (Page 93)

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Consider Approval That the Pools Recommend That the Board Adopt the Finding in the Wildermuth Report that Watermaster is in Substantial Compliance with the 2010 Recharge Master Plan Update (Page 101)

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Consider Approval to Proceed with Re-Allocation of West Venture Development Company's Safe Yield of 15.657 Acre-Feet to the Current Parties of the Non-Agricultural Pool Pro-Rata to Their Respective Safe Yield, with Notice to the Property Owners, That Purchased the Property to Give Them an Opportunity to Object, and Then Ultimately Proceeding with Direction from the Court (Page 107)

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**CHINO BASIN WATERMASTER  
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**1:00 p.m. – December 8, 2011**

**WITH**

*Mr. Bob Feenstra, Chair*

*Mr. Jeff Pierson, Vice-Chair*

**At The Offices Of**

**Chino Basin Watermaster**

9641 San Bernardino Road

Rancho Cucamonga, CA 91730

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**Meeting Adjourn**

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# CHINO BASIN WATERMASTER

## I. CONSENT CALENDAR

### A. MINUTES

1. Appropriative Pool Meeting held on November 10, 2011



***Draft Minutes***  
**CHINO BASIN WATERMASTER**  
**APPROPRIATIVE POOL MEETING**  
November 10, 2011

The Appropriative Pool Meeting was held at the offices of Chino Basin Watermaster, 9641 San Bernardino Road, Rancho Cucamonga, CA, on November 10, 2011 at 9:00 a.m.

**APPROPRIATIVE POOL MEMBERS PRESENT WHO SIGNED IN**

John Mura, Chair	City of Chino Hills
Mark Kinsey	Monte Vista Water District
Raul Garibay	City of Pomona
Mohamed El-Amamy	City of Ontario
Marty Zvirbulis	Cucamonga Valley Water District
Sheri Rojo	Fontana Water Company
Josh Swift	Fontana Union Water Company
J. Arnold Rodriguez	Santa Ana River Water Company
Robert Tock	Jurupa Community Services District
Dave Crosley	City of Chino
Rosemary Hoerning	City of Upland
Charles Moorrees	San Antonio Water Company
Ben Lewis	Golden State Water Company

**Watermaster Board Members Present**

Bob Kuhn	Three Valleys Municipal Water District
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**Watermaster Staff Present**

Danielle Maurizio	Senior Engineer/Interim CEO
Joe Joswiak	Chief Financial Officer
Gerald Greene	Senior Environmental Engineer
Sherri Molino	Recording Secretary

**Watermaster Consultants Present**

Michael Fife	Brownstein, Hyatt, Farber & Schreck
Mark Wildermuth	Wildermuth Environmental Inc.

**Others Present Who Signed In**

Scott Burton	City of Ontario
Bob Gluck	City of Ontario
Jo Lynne Russo-Pereyra	Cucamonga Valley Water District
Tom Harder	Jurupa Community Services District
Ron Craig	City of Chino Hills
Craig Miller	Inland Empire Utilities Agency
Ryan Shaw	Inland Empire Utilities Agency
Jo Lynne Russo-Pereyra	Cucamonga Valley Water District
Eunice Ulloa	Chino Basin Water Conservation District
David De Jesus	Three Valleys Municipal Water District
Curtis Paxton	Chino Desalter Authority
Seth Zielke	Fontana Union Water Company
Marsha Westropp	Orange County Water District
John Schatz	Attorney at Law



Chair Mura called the Appropriative Pool Meeting to order at 9:00 a.m.

### **AGENDA - ADDITIONS/REORDER**

Chair Mura deferred Business Items B, C, D, and E until after the closed session which was reordered to be taken directly after the Consent Calendar. A lengthy discussion regarding Item D on the Preemptive Replenishment Agreements ensued by the Appropriative Pool members and Inland Empire Utilities Agency (IEUA) staff regarding the payment and the penalties that could incur on the purchase of the MWD replenishment water. It was noted this item will be discussed in greater detail in confidential session today. Mr. Love offered comments on the Turner Basin Improvement Project that IEUA is working on. Chair Mura offered comment on holding Business Items B, C, D, and E until further discussion during closed session.

*Motion by Zvirbulis, second by El-Amamy, and by unanimous vote*

***Moved to defer Business Items B, C, D, and E until after the closed session, as presented***

## **I. CONSENT CALENDAR**

### **A. MINUTES**

1. Minutes of the Appropriative Pool Meeting held October 13, 2011
2. Minutes of the Appropriative Pool Confidential Session held November 2, 2011

### **B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of September 2011
2. Watermaster VISA Check Detail for the month of September 2011
3. Combining Schedule for the Period July 1, 2011 through September 30, 2011
4. Treasurer's Report of Financial Affairs for the Period September 1, 2011 through September 30, 2011
5. Budget vs. Actual July 2011 through September 30, 2011

*Motion by Zvirbulis, second by Moorrees, and by unanimous vote*

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

The regular open Appropriative Pool meeting was convened to hold its confidential session at 9:56 a.m.

**Taken out of order: CONFIDENTIAL SESSION - POSSIBLE ACTION**

The confidential session concluded at 10:40 a.m.

The regular open Appropriative Pool meeting was reconvened by Chair Mura at 10:41 a.m.

## **II. BUSINESS ITEMS**

### **A. 85/15 RULE POLICY (For Information Only)**

Ms. Maurizio stated this issue has been discussed at various meetings for several months now. Ms. Maurizio stated the main issue with the 85/15 policy, as it stands now, is there have been some issues with the handling of water transfers and preemptive storage. Ms. Maurizio stated there was an 85/15 Rule Workshop held in September, and then discussions took place at the October meetings with this regard. Ms. Maurizio stated the Appropriative Pool recently had a special meeting to discuss this issue and noted it is Watermaster's understanding the recommendations that have come out of the special meeting were there would be no backwards corrections to any of the water transfers that have been handled in the past with regard to the 85/15 Rule; a look forward only. Ms. Maurizio stated there is a draft policy provided in the meeting packet starting on page 61; this draft policy was provided by Chair Mura. Ms. Maurizio stated going forward the 85/15 Rule for water transfers will only be applied to the exact portion of the water transfer that is used to offset that year's overproduction. Ms. Maurizio stated it is possible that in some cases water transfers will have to be split and treated like two different transfers; the 85/15 Rule will be applied to a portion of the transfer. Ms. Maurizio stated there is also a condition written in the policy that it will be revisited with twelve months, also including how

the 85/15 Rule would apply to preemptive replenishment. Ms. Maurizio stated there was a special request that a table be provided in the Assessment Package that shows which transactions have the 85/15 Rule applied to it. Ms. Maurizio reviewed the draft table in detail. After reviewing the table Ms. Maurizio inquired if it is sufficient for the request made, or if an additional table needs to be created. A lengthy discussion regarding this matter ensued. It was noted Watermaster staff was given direction on how the table should look and what it should contain in the Assessment Package. A lengthy discussion regarding the provided draft policy ensued. It was noted Watermaster staff was given direction on the language change for the draft 85/15 Rule Policy. Mr. Kinsey offered comment on this material and stated he wants to encourage Watermaster to work with members of the Pool on this and then to bring this back through the entire Watermaster process. A discussion regarding ASR facilities and costs ensued. Ms. Maurizio stated staff will work with the City of Ontario to modify another table and Watermaster will bring it back in December for potential approval, which will be timely because staff plans on bringing the Assessment Package forward in January. Chair Mura offered comment and Mr. Kinsey stated he is willing to go ahead and move this item forward today with the language change presented. It was noted the Assessment Package being brought forward would include this newly adopted policy.

*Motion by Kinsey, second by El-Amamy, and by unanimous vote*

***Moved to approve the 85/15 Policy as presented in the agenda package with language modification striking the words "to preemptive replenishment" at the end of the sentence in section 5.1.1 of the 85/15 Policy, as presented***

#### **B. CHINO BASIN WATERMASTER RESERVES**

No discussion; motion only.

*Motion by Harder, second by Russo-Pereyra, and by unanimous vote*

***Moved to defer the Chino Basin Watermaster Reserves item until December 2011, as presented***

#### **C. TURNER BASIN IMPROVEMENT PROJECT UPDATE**

No discussion; motion only.

*Motion by Harder, second by Russo-Pereyra, and by unanimous vote*

***Moved to defer the Turner Basin Improvement Project Update until December 2011, as presented***

#### **D. PREEMPTIVE REPLENISHMENT AGREEMENTS**

No discussion; motion only.

Note: Motion was provided after the confidential session.

*Motion by Harder, second by Russo-Pereyra, and by unanimous vote*

***Moved to approve 1) John Schatz work with Watermaster's legal counsel concerning the development of a uniform Storage Agreement for Inland Empire Utilities Agency and also requested that 2) John Schatz work with Watermaster to facilitate the development of Preemptive Replenishment Agreements without harm or prejudice to the City of Chino or the Jurupa Community Services District Agreements, as presented***

#### **E. WEST VENTURE DEVELOPMENT WATER RIGHTS (For Information Only)**

No discussion; motion only.

*Motion by Harder, second by Russo-Pereyra, and by unanimous vote*

***Moved to defer the West Venture Development Water Rights item until December 2011, as presented***

It was noted Reports/Updates were taken out of agenda order.

### III. REPORTS/UPDATES

#### A. WATERMASTER GENERAL LEGAL COUNSEL REPORT

1. October 28 Hearing

Counsel Fife stated a lengthy hearing took place on October 28, 2011 with Judge Reichert. Counsel offered comment on the details of the hearing. Counsel Fife noted that because of the questions asked and the presentations given at this hearing made it a very good educational hearing for the Judge. Counsel Fife stated Judge Reichert also took appearances from everyone in the courtroom. Counsel Fife offered final comments on the recent hearing.

2. Restated Judgment

Counsel Fife stated the Restated Judgment was presented to Judge Reichert at the October 28, 2011 hearing as a "Receive and File" action. Counsel Fife noted just prior to the hearing, the Non-Agricultural Pool asked that a disclaimer be added that it was just a receive and file Restated Judgment so that the operative legal document would remain the 1978 Judgment plus the amendments made throughout the course of time. Counsel Fife stated Judge Reichert indicated that was not how he wanted it done, and that he wants the Restated Judgment to be the official document. Judge Reichert asked that Watermaster come back to his court with a motion that presents it as the operative legal document; the 1978 Judgment would be vacated and the 2011 Judgment would become the official Judgment. Counsel Fife offered comment on this matter and noted the only real difference would be a reference to page numbers. Counsel Fife stated that will be framed as a motion and then it will be brought through the Watermaster process. A discussion regarding this matter and the conclusion of the Peace II timeframe ensued.

3. December 17 Recharge Master Plan Filing

Counsel Fife stated under the October, 2010 court order which approved the Recharge Master Plan the court ordered an update to be provided by December 17, 2011, which is six months following the due date for the Urban Water Management Plan (UWMP). Counsel Fife stated in the 2010 filing Watermaster indicated that when the UWMP came out it could change the Recharge Master Plan, so the court requested an update six months after that happened. Counsel Fife stated given the events of the last week, it is going to be difficult for Watermaster to get to that filing in a timely way and it is expected to obtain authorization from the Watermaster Board for some form of continuance of that filing.

#### C. WATERMASTER ENGINEERING REPORT

1. Groundwater Model Update

Mr. Wildermuth stated one of the items required by the court order from last October, 2010 to be included in this update to the court was an analysis of projected groundwater production and replenishment. Mr. Wildermuth stated in July Wildermuth Environmental started collecting UWMPs from all of the parties that are required to produce them. Mr. Wildermuth gave the Groundwater Production Projection 2011 Update: Preliminary Results presentation in detail. Mr. Wildermuth reviewed the Projected Production in the Chino Basin Modified 2010 UWMPs and Efficient Market Assumptions chart in detail. A discussion regarding Mr. Wildermuth's presentation and the presented information on rapid drawdown ensued. Counsel Fife stated the parties can make the choice on how the presented scheduled reads and it could be done the way discussed today; however, it would have to go through the Watermaster process and be resubmitted to the court for approval. A further discussion regarding this matter ensued.

2. General Electric/City of Ontario Material Physical Injury Analysis

Mr. Wildermuth stated there is a draft report almost completed on the Material Physical Injury Analysis for the General Electric Injection Project. Mr. Wildermuth stated that report will be submitted to Watermaster staff for review shortly, and then it will be brought through the entire Watermaster process in December.

**D. CEO/STAFF REPORT**

1. RWQCB Basin Plan Amendment

Ms. Maurizio stated this item has been discussed at numerous meetings. Ms. Maurizio stated the concept for this item is Watermaster staff and engineering consultants have been asking the Regional Water Quality Control Board (RWQCB) to amend the Basin Plan so that Watermaster is not responsible to perform so much surface water sampling on the Santa Ana River. Ms. Maurizio stated the cost for that sampling is approximately \$200,000 per year, and this reduction would save Watermaster approximately \$150,000 a year. Ms. Maurizio reviewed the sampling which is being done presently and then what is being asked for in the reduction in detail. Ms. Maurizio stated it was anticipated the RWQCB would have this item on their December calendar; however, it is understood it has been now placed on the January, 2012 agenda for consideration.

Added: 2. Recharge Update

Ms. Maurizio stated the most recent Recharge spreadsheet is available on the back table for review. Ms. Maurizio reviewed the recharged numbers in detail. Mr. Moorrees inquired about the condition of the Turner Basin for capture of stormwater for the upcoming storms. Mr. Greene stated it is not 100% ready; however, portions of it are up and running.

Added: 3. Meeting Date Updates

Ms. Maurizio reviewed the meeting date changes due to the upcoming Thanksgiving and Christmas holidays. Ms. Maurizio stated a Land Subsidence Committee meeting has been added to the upcoming meeting schedule for Wednesday, November 16, 2011 at 1:00 p.m. here at Watermaster.

**IV. INFORMATION**

1. Cash Disbursements for October 2011

No comment was made.

2. Newspaper Articles

No comment was made.

**V. POOL MEMBER COMMENTS**

Mr. Kinsey stated Director David De Jesus was recently appointed as one of the vice-chairs of Metropolitan Water District and offered his congratulations to Mr. De Jesus.

Mr. Kinsey stated he appreciated Mr. Wildermuth's update on the UWMP which is a real success story for the region in terms of more efficient use of water, as well as developing alternative water supplies through recycled water.

**VI. OTHER BUSINESS**

No comment was made.

**VII. CONFIDENTIAL SESSION - POSSIBLE ACTION**

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

Chair Mura asked that Mr. Kinsey provide the action taken during the closed session which concluded at 10:41 a.m.

Mr. Kinsey provided the action taken from closed session: The Appropriative Pool requested that 1) John Schatz work with Watermaster’s legal counsel concerning the development of a uniform Storage Agreement for Inland Empire Utilities Agency, and also requested that 2) John Schatz work with Watermaster to facilitate the development of Preemptive Replenishment Agreements without harm or prejudice to the City of Chino or the Jurupa Community Services District Agreements.

Chair Mura re-adjourned the regular open Appropriative Pool meeting to discuss Business Items, B, C, D, and E. as presented.

**VIII. FUTURE MEETINGS**

Thursday, November 10, 2011	9:00 a.m.	Appropriative Pool Meeting @ CBWM
Thursday, November 10, 2011	11:00 a.m.	Non-Agricultural Pool Conference Call Meeting
Thursday, November 10, 2011	1:00 p.m.	Agricultural Pool Meeting @ CBWM
<b>Added: Wednesday, November 16, 2011</b>	<b>1:00 p.m.</b>	<b>Land Subsidence Committee Meeting</b>
Thursday, November 17, 2011	8:00 a.m.	IEUA DYY Meeting @ CBWM
Thursday, November 17, 2011	9:00 a.m.	Advisory Committee Meeting @ CBWM
<b>* Thursday, November 17, 2011</b>	<b>11:00 a.m.</b>	<b>Watermaster Board Meeting @ CBWM</b>
Monday, November 28, 2011	1:30 p.m.	Special Watermaster Board Meeting @ CBWM
Thursday, December 8, 2011	9:00 a.m.	Appropriative Pool Meeting @ CBWM
Thursday, December 8, 2011	11:00 a.m.	Non-Agricultural Pool Conference Call Meeting
Thursday, December 8, 2011	1:00 p.m.	Agricultural Pool Meeting @ CBWM
Thursday, December 15, 2011	8:00 a.m.	IEUA DYY Meeting @ CBWM
Thursday, December 15, 2011	9:00 a.m.	Advisory Committee Meeting @ CBWM
<b>** Thursday, December 15, 2011</b>	<b>11:00 a.m.</b>	<b>Watermaster Board Meeting @ CBWM</b>

\* **Note:** Watermaster Board meeting date change due to the Thanksgiving holiday

\*\* **Note:** Watermaster Board meeting date change due to the Christmas holiday

Chair Mura dismissed the Appropriative Pool Committee meeting at 11:45 a.m.

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

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



# CHINO BASIN WATERMASTER

## I. BUSINESS ITEM

### A. MINUTES

1. Non-Agricultural Pool Conference Call Meeting held on November 10, 2011



**Draft Minutes**  
**CHINO BASIN WATERMASTER**  
**NON-AGRICULTURAL POOL CONFERENCE CALL MEETING**  
November 10, 2011

The Non-Agricultural Pool Conference Call Meeting was held via conference call using the Chino Basin Watermaster conference call number on November 10, 2011 at 11:00 a.m.

**NON-AGRICULTURAL POOL MEMBERS PRESENT ON CALL**

Bob Bowcock, Chair	Vulcan Materials Company (Calmat Division)
Brian Geye	Auto Club Speedway
Lisa Hamilton	General Electric Company
Tom O'Neill	City of Ontario
Bob Lawn	Genon Electric

**NON-AGRICULTURAL POOL MEMBERS PRESENT AT WATERMASTER**

Ken Jeske, Vice-Chair	California Steel Industries
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**Watermaster Staff Present at Watermaster**

Danielle Maurizio	Senior Engineer
Joe Joswiak	Chief Financial Officer
Gerald Greene	Senior Environmental Engineer
Janine Wilson	Recording Secretary

**Watermaster Board Counsel Present at Watermaster**

Michael Fife	Brownstein, Hyatt, Farber & Schreck
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**Watermaster Consultants Present at Watermaster**

Mark Wildermuth	Wildermuth Environmental Inc.
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**Others Present at Watermaster**

Eunice Ulloa	Chino Basin Water Conservation District
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Chair Bowcock called the Non-Agricultural Pool Conference Call meeting to order at 11:00 a.m.

**ROLL CALL**

Janine Wilson called roll call.

**I. BUSINESS ITEMS**

**A. MINUTES**

1. Minutes of the Non-Agricultural Pool Conference Call Meeting held October 13, 2011

*Motion by Jeske second by Geye, and by unanimous vote*

***Moved to approve the October 13, 2011 minutes***

**B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of September 2011
2. Watermaster VISA Check Detail for the month of September 2011
3. Combining Schedule for the Period July 1, 2011 through September 30, 2011
4. Treasurer's Report of Financial Affairs for the Period September 1, 2011 through September 30, 2011

5. Budget vs. Actual July 2011 through September 30, 2011

*Motion by Jeske second by Geye, and by unanimous vote*

***Moved to receive and file the financial reports without approval***

**C. 85/15 RULE POLICY (For Information Only)**

That the Appropriative Pool Approve Watermaster Policy No. 5.1 on the Application of the 85/15 Rule (Exhibit H Section 7)

***Moved to postpone until re-agendized by Appropriative Pool***

**D. CHINO BASIN WATERMASTER RESERVES**

That the Pools Receive a Report and Provide Comment on Watermaster Reserves

***Moved to postpone until re-agendized by Appropriative Pool***

**E. TURNER BASIN IMPROVEMENT PROJECT UPDATE**

That the Pools receive this report on the Turner Basin Recharge Project and consider a cost sharing agreement with IEUA that commits unanticipated FY 2011-12 expenditures up to \$16,000 and a maximum of \$162,236 to be expended by FY 2013-14

***Moved to postpone until re-agendized by Appropriative Pool***

**F. PREEMPTIVE REPLENISHMENT AGREEMENTS**

That the Pools Review and Comment on the Preemptive Replenishment Agreements

***Moved to postpone until re-agendized by Appropriative Pool***

**G. WEST VENTURE DEVELOPMENT WATER RIGHTS**

For Re-allocation of West Venture Development's Relinquished Water Right to the Current Members of the Non-Agricultural Pool Pro Rata to Their Respective Safe Yield

***Moved to continue West Venture Development Water Rights item for one month***

**II. REPORTS/UPDATES**

**A. WATERMASTER GENERAL LEGAL COUNSEL REPORT**

1. October 28, 2011 Hearing  
Counsel Fife reported on this item.
2. Restated Judgment  
Counsel Fife reported on this item.
3. December 17, 2011 Recharge Master Plan Filing  
Counsel Fife reported on this item.

**B. WATERMASTER ENGINEERING REPORT**

1. Groundwater Model Update  
Mr. Wildermuth reported on this item.
2. General Electric/City of Ontario Material Physical Injury Analysis  
Mr. Wildermuth reported on this item.

**C. CEO/STAFF REPORT**

1. RWQCB Basin Plan Amendment  
Ms. Maurizio reported on this item.



- 2. Recharge Update  
Ms. Maurizio reported on this item.
- 3. Meeting Date Changes  
Ms. Maurizio reported on this item.

**III. INFORMATION**

- 1. Cash Disbursements for October 2011  
No comment was made.
- 2. Newspaper Articles  
No comment was made.

**IV. POOL MEMBER COMMENTS**

No comment was made.

**V. OTHER BUSINESS**

No comment was made.

**VI. CONFIDENTIAL SESSION - POSSIBLE ACTION**

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

No confidential session was called.

**VII. FUTURE MEETINGS**

Thursday, November 10, 2011	9:00 a.m.	Appropriative Pool Meeting @ CBWM
Thursday, November 10, 2011	11:00 a.m.	Non-Agricultural Pool Conference Call Meeting
Thursday, November 10, 2011	1:00 p.m.	Agricultural Pool Meeting @ CBWM
<b>Added: Wednesday, November 16, 2011</b>	<b>1:00 p.m.</b>	<b>Land Subsidence Committee Meeting</b>
Thursday, November 17, 2011	8:00 a.m.	IEUA DYY Meeting @ CBWM
Thursday, November 17, 2011	9:00 a.m.	Advisory Committee Meeting @ CBWM
<b>* Thursday, November 17, 2011</b>	<b>11:00 a.m.</b>	<b>Watermaster Board Meeting @ CBWM</b>
Monday, November 28, 2011	1:30 p.m.	Special Watermaster Board Meeting @ CBWM
Thursday, December 8, 2011	9:00 a.m.	Appropriative Pool Meeting @ CBWM
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Thursday, December 8, 2011	1:00 p.m.	Agricultural Pool Meeting @ CBWM
Thursday, December 15, 2011	8:00 a.m.	IEUA DYY Meeting @ CBWM
Thursday, December 15, 2011	9:00 a.m.	Advisory Committee Meeting @ CBWM
<b>** Thursday, December 15, 2011</b>	<b>11:00 a.m.</b>	<b>Watermaster Board Meeting @ CBWM</b>

\* **Note:** Watermaster Board meeting date change due to the Thanksgiving holiday

\*\* **Note:** Watermaster Board meeting date change due to the Christmas holiday

Chair Bowcock dismissed the Non-Agricultural Pool meeting at 11:38 a.m.

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

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

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# CHINO BASIN WATERMASTER

## I. CONSENT CALENDAR

### A. MINUTES

1. Agricultural Pool Meeting held on November 10, 2011



**Draft Minutes**  
**CHINO BASIN WATERMASTER**  
**AGRICULTURAL POOL MEETING**

*November 10, 2011*

The Agricultural Pool Meeting was held at the offices of Chino Basin Watermaster, 9641 San Bernardino Road, Rancho Cucamonga, CA, on November 10, 2011 at 1:00 p.m.

**Agricultural Pool Members Present Who Signed In**

Bob Feenstra, Chair	Dairy
Nathan deBoom	Dairy
John Huitsing	Dairy
Gene Koopman	Milk Producers Council
Glen Durrington	Crops
Jeff Pierson	Crops

**Watermaster Board Member Present**

Geoffrey Vanden Heuvel	Dairy
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**Watermaster Staff Present**

Danielle Maurizio	Senior Engineer/Interim CEO
Joe Joswiak	Chief Financial Officer
Gerald Greene	Senior Environmental Engineer
Sherri Molino	Recording Secretary

**Watermaster Consultants Present**

Michael Fife	Brownstein, Hyatt, Farber & Schreck
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**Others Present Who Signed In**

Tracy Egoscue	Paul Hastings
Curtis Paxton	Chino Desalter Authority
Dave Crosley	City of Chino
Scott Burton	City of Ontario
Sheri Rojo	Fontana Water Company
Richard Rees	State of California, Dept. of Justice, CIM
Paul Deutsch	Geomatrix
Bob Gluck	City of Ontario
Gil Aldaco	City of Chino

Chair Feenstra called the Agricultural Pool meeting to order at 1:06 p.m.

**AGENDA - ADDITIONS/REORDER**

There were no additions or reorders mad to the agenda.

Chair Feenstra stated Ms. Maurizio is now acting as the Watermaster interim Chief Executive Officer. Chair Feenstra noted Mr. Alvarez is on administrative leave and that this will be discussed further during the closed session today.

**I. CONSENT CALENDAR**

**A. MINUTES**

1. Minutes of the Agricultural Pool Meeting held October 13, 2011

**B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of September 2011
2. Watermaster VISA Check Detail for the month of September 2011
3. Combining Schedule for the Period July 1, 2011 through September 30, 2011
4. Treasurer's Report of Financial Affairs for the Period September 1, 2011 through September 30, 2011
5. Budget vs. Actual July 2011 through September 30, 2011

*Motion by Koopman, second by Durrington, and by unanimous vote*

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

**II. BUSINESS ITEMS**

**A. 85/15 RULE POLICY (For Information Only)**

Ms. Maurizio stated the Non-Agricultural Pool deferred this item at their Pool meeting this morning. Ms. Maurizio stated the Appropriative Pool discussed this item and they took action on it; the policy was approved and one minor language change was made to the policy by removing three words. Ms. Maurizio stated the Appropriative Pool indicated they wanted the policy to come back in twelve months to make any necessary changes. Ms. Maurizio stated with the approval of the policy this allows Watermaster to proceed with the Assessment Package. Ms. Maurizio stated the 85/15 Rule and Policy essentially only applies to the Appropriative Pool for their overproduction.

**Note:** Motion was provided after the added confidential session and not at the time of presentation by Ms. Maurizio on the agenda.

*Motion by Pierson, second by Koopman, and by unanimous vote*

***Moved to defer the 85/15 Rule Policy, as presented***

**B. CHINO BASIN WATERMASTER RESERVES**

Ms. Maurizio stated both the Non-Agricultural Pool and the Appropriative Pool deferred this item at their Pool meetings this morning.

**Note:** Motion was provided after the added confidential session and not at the time of presentation by Ms. Maurizio on the agenda.

*Motion by Pierson, second by Koopman, and by unanimous vote*

***Moved to defer the Chino Basin Watermaster Reserves item, as presented***

**C. TURNER BASIN IMPROVEMENT PROJECT UPDATE**

Ms. Maurizio stated both the Non-Agricultural Pool and the Appropriative Pool deferred this item at their Pool meetings this morning.

**Note:** Motion was provided after the added confidential session and not at the time of presentation by Ms. Maurizio on the agenda.

*Motion by Pierson, second by Koopman, and by unanimous vote*

***Moved to defer the Turner Basin Improvement Project Update, as presented***

**D. PREEMPTIVE REPLENISHMENT AGREEMENTS**

Ms. Maurizio stated the Non-Agricultural Pool deferred this item at their Pool meeting this morning. Ms. Maurizio stated the Appropriative Pool discussed this item in closed session and they took action on it. Ms. Maurizio stated the action taken by the Appropriative Pool was the Appropriative Pool requested that 1) John Schatz work with Watermaster's legal counsel concerning the development of a uniform Storage Agreement for Inland Empire Utilities Agency, and also requested that 2) John Schatz work with Watermaster to facilitate the development of Preemptive Replenishment Agreements without harm or prejudice to the City of Chino or the

Jurupa Community Services District Agreements. Mr. Koopman stated the water is in the ground and inquired if a check from Watermaster is in the mail to Inland Empire Utilities Agency (IEUA). Ms. Maurizio stated a partial payment was made. Ms. Maurizio offered the history on the agreements with Fontana Water Company and Niagara Bottling Company for a portion of the replenishment water purchased; these agreements have been paid for. Mr. Joswiak stated Watermaster also received a check from the City of Chino. Mr. Koopman offered comment on this matter and a lengthy discussion regarding the payment of IEUA ensued. Chair Feenstra stated there was a special meeting held recently with this regard and a report from Mr. Pierson, who attend that meeting, will be given during closed door. Mr. Geoffrey Vanden Heuvel stated he wanted to address the Agricultural Pool on the matter of the preemptive replenishment process and payment issues, and on what the Appropriative Pool has instructed their legal counsel to do. Mr. Geoffrey Vanden Heuvel stated this item came before the Watermaster Board on August 25, 2011 with a less than mandate recommendation from the Advisory Committee to do Storage Agreements. Mr. Geoffrey Vanden Heuvel stated at that meeting the Board instructed Watermaster staff to do Preemptive Replenishment Agreements, not Storage Agreements; that decision was made after Counsel Slater researched the issue and provided information to the Board. Mr. Geoffrey Vanden Heuvel discussed the "notice" process that is outlined in the Judgment in detail. Mr. Geoffrey Vanden Heuvel offered a further detailed account on the preemptive replenishment payment process, including the issue with Monte Vista Water District's and Cucamonga Valley Water District's concerns over Watermaster not acting appropriately during this process. Mr. Geoffrey Vanden Heuvel stated due to this matter a special Watermaster Board meeting was scheduled for November 28, 2011 regarding the Preemptive Replenishment Agreements because of the "notice" period; however, the Pools did meet today and the Appropriative Pool took action. Mr. Geoffrey Vanden Heuvel stated that motion will be provided to the Advisory Committee next week and at that time that committee can either approve of the recommendation or pass it to go to the Watermaster Board mandate vote to do something different than it did on August 25, 2011. Mr. Geoffrey Vanden Heuvel offered final comment on paying the IEUA bill. Chair Feenstra asked for any further comment and stated this Committee is able to take action on any item that is on their agenda whether it was deferred or voted on by another Pool. Mr. Koopman discussed the 80% mandate rule and offered comment on the payment situation. A lengthy discussion regarding this matter ensued. Chair Feenstra stated the Watermaster Board is going to have to get direction on how this matter is to be addressed by this Committee. Mr. Koopman stated IEUA needs a letter or something to state they are going to be paid for that water including any and all costs associated with that purchase. A lengthy discussion regarding direction to be provided to Mr. Vanden Heuvel and Mr. Hofer at the next Board meeting ensued. Mr. Pierson stated it appears we are in a procedural issue that this Committee does not have any control over and offered further comment on this matter regarding the pending vote at the Advisory Committee meeting next week. Counsel Fife stated the options that will be available at the Advisory Committee for the Agricultural Pool are: 1) To do nothing – if the Advisory Committee does not act next week they will have received notice, there will be no alternative recommendation, and then the Watermaster Board then intends to stick with its August 25, 2011 action to execute the Preemptive Replenishment Agreement that has been approved by the Board, 2) Ratifying the August 25, 2011 action of the Board – same result, that the Board will instruct staff to execute that agreement that has already been prepared, and 3) The Advisory Committee, with an 80% mandate, instructs the Board to adopt a uniform Storage Agreement; this is what the Appropriative Pool recommended today. Counsel Fife stated these are the options now and this committee can instruct your representatives to take one of those three actions that have known outcomes. Ms. Egoscue stated there is nothing in front of this committee in writing regarding this matter and it is being given only verbally. Ms. Egoscue offered further comment on the condition it puts on this committee to make this sort of important decision based upon items going back and forth through committees with no analysis or recommendation. Ms. Egoscue asked for clarification on exactly which item is being discussed presently. Counsel Fife stated it is Business Item D that is being discussed. Counsel Fife stated that, as Mr. Vanden Heuvel has stated, unless the Board is instructed to do otherwise, it intends to move forward with its August 25, 2011 action. A discussion regarding this matter and how to instruct its Advisory Committee representative ensued. Mr. Koopman inquired about

the ownership of the water and invoicing. Counsel Fife stated the direction that was thought to be had in August was to enter into the Preemptive Replenishment Agreement, and that is what has been moving forward since that time, and only during the October Board meeting in light of the letters received from the parties, did things change.

Chair Feenstra called for a closed door session immediately.

The regular open Agricultural Pool meeting was convened to hold an added confidential session at 1:34 p.m.

The added confidential session concluded at 2:14 p.m.

Chair Feenstra stated he appreciates the parties and/or staff present for the time needed for the necessary added special confidential session. Chair Feenstra stated this Committee will now go through Business Items A through E for comment and/or motion.

**Note:** Motion was provided after the added confidential session and not at the time of presentation by Ms. Maurizio and/or legal counsel on the agenda.

*Motion by Pierson, second by Koopman, and by unanimous vote*

***Moved to approve staff's recommendation in the meeting package for the Preemptive Replenishment Agreements to the Advisory Committee, as presented***

#### **E. WEST VENTURE DEVELOPMENT WATER RIGHTS (For Information Only)**

Ms. Maurizio stated both the Non-Agricultural Pool and the Appropriative Pool deferred this item at their Pool meetings this morning.

**Note:** Motion was provided after the added confidential session and not at the time of presentation by Ms. Maurizio on the agenda.

*Motion by Pierson, second by Durrington, and by unanimous vote*

***Moved to defer the West Venture Development Water Rights item, as presented***

### **III. REPORTS/UPDATES**

#### **A. WATERMASTER GENERAL LEGAL COUNSEL REPORT**

##### **1. October 28 Hearing**

Counsel Fife stated a lengthy hearing took place on October 28, 2011 with Judge Reichert. Counsel offered comment on the details of the hearing. Counsel Fife noted he felt because of the questions and presentations given at this hearing made it a very good educational hearing for the Judge. Counsel Fife stated Judge Reichert also took appearances from everyone in the courtroom. Counsel Fife offered final comments on the recent hearing. Chair Feenstra thanked Mr. Geoffrey Vanden Heuvel, Ms. Jennifer Novak, and Mr. Pete Hall for attending the hearing, as well as the Agricultural Pool legal counsel, Ms. Tracy Egoscue, who was able to make some comments at the hearing. Chair Feenstra offered comment on the hearing. Counsel Fife stated there was an item that came up regarding the interpretation of the CDA Resolution that had not been discussed before which especially pertained to the Agricultural Pool. Counsel Fife stated one of the things the CDA Resolution does is create an administrative process for Agricultural Pool members who may be affected by the operations of the Desalter wells. Counsel Fife stated there are forms to be filled out, and there is a process that needs to be gone through with the CDA in order to make a claim, etc. Counsel Fife stated the question the Judge raised was that at the end of that process, as described in the Resolution, the CDA board makes a determination whether the claim is valid or not and whether the CDA is going to pay or not. The Judge inquired if the CDA was the judge, jury, and executioner – and noted if that was the case, then he would be very uncomfortable with the situation. Counsel Fife stated the Judge requested clarification and that was not the case, and that any party that was dissatisfied

with the decision of the CDA would then have all their existing legal rights to be able to challenge the determination that the CDA made. Counsel Fife stated his interpretation of the Resolution was that the parties did not forfeit their legal rights, and that the approval of the Resolution did not take away those legal rights. Counsel Fife stated the Judge expressed that was his understanding too; however, there was no legal representation at the hearing. Counsel Fife stated he indicated to the Judge that this would be a good issue to shore up, and committed to go back communicate with the CDA counsel, Agricultural Pool counsel, and come back with something so that there is a clear record and there is no ambiguity if there is a problem. Counsel Fife stated he has contacted those counselors and received clarification that the private well owners retain all their rights to challenges on CDA decisions. Counsel Fife stated some sort of stipulation or document will need to be provided to the court on this matter to ensure there is a clear record. A discussion regarding this matter and the hearing ensued.

2. Restated Judgment

Counsel Fife stated the Restated Judgment was presented to Judge Reichert at the October 28, 2011 hearing as a "receive and file" action. Counsel Fife noted just prior to the hearing the Non-Agricultural Pool asked that a disclaimer be added that it was just a receive and file Restated Judgment so that the operative legal document would remain the 1978 Judgment, plus the amendments made throughout the course of time. Counsel Fife stated Judge Reichert indicated that was not how he wanted it done, he wants the Restated Judgment to be the official document. Judge Reichert asked that Watermaster come back to his court with a motion that presents it as the operative legal document; the 1978 Judgment would be vacated and the 2011 Judgment would become the official Judgment. Counsel Fife offered comment on this matter and noted the only real difference would be a reference to page numbers. Counsel Fife stated that will be then framed as a motion and then it will be brought through the Watermaster process. A discussion regarding this item ensued.

3. December 17 Recharge Master Plan Filing

Counsel Fife stated, under the October, 2010 court order which approved the Recharge Master Plan, the court ordered an update to be provided by December 17, 2011 which is six months following the due date for the Urban Water Management Plan (UWMP). Counsel Fife stated in the 2010 filing Watermaster indicated that when the UWMP came out it could change the Recharge Master Plan so the court requested an update six months after that happened. Counsel Fife stated, given the events of the last week, it is going to be difficult for Watermaster to get to that filing in a timely way, and it is expected to obtain authorization from the Watermaster Board for some form of continuance of that filing.

**B. AGRICULTURAL POOL LEGAL COUNSEL UPDATE**

1. Chair Feenstra inquired to his legal counsel if any of her items will be going to closed session today. Ms. Egoscue stated yes, and she also has a brief report to give. Ms. Egoscue stated there was a concern after the hearing; the Judge stated that the order was not clear about an appeal process. Ms. Egoscue stated she has been working very cooperatively trying to come up with another way to approach the Judge and make the ultimate outcome of any sort of appeal process clear. Ms. Egoscue thanked the Watermaster counsel for his assistance in this matter; this should be done in a short time frame.

**C. WATERMASTER ENGINEERING REPORT**

1. Groundwater Model Update

Mr. Wildermuth stated one of the items required by the court order from last October, 2010 to be included in this update to the court was an analysis of projected groundwater production and replenishment. Mr. Wildermuth stated in July Wildermuth Environmental started collecting UWMPs from all of the parties that are required to produce them. Mr. Wildermuth gave the Groundwater Production Projection 2011 Update: Preliminary



Results presentation in detail. Mr. Wildermuth reviewed the Projected Production in the Chino Basin Modified 2010 UWMPs and Efficient Market Assumptions chart in detail. A lengthy discussion regarding Mr. Wildermuth's presentation and the availability of MWD replenishment water ensued.

2. General Electric/City of Ontario Material Physical Injury Analysis  
Mr. Wildermuth stated there is a draft report almost completed on the Material Physical Injury Analysis for the General Electric Injection Project. Mr. Wildermuth stated that report will be submitted to Watermaster staff for review shortly, and then it will be brought through the entire Watermaster process in December.

**D. CEO/STAFF REPORT (Note: these items were taken out of order)**

1. RWQCB Basin Plan Amendment

Ms. Maurizio stated this item has been discussed at numerous meetings. Ms. Maurizio stated the concept for this item is that Watermaster staff and engineering consultants have been asking the Regional Water Quality Control Board (RWQCB) to amend the Basin Plan so that Watermaster is not responsible to perform so much surface water sampling on the Santa Ana River. Ms. Maurizio stated the cost for that sampling is approximately \$200,000 per year and this reduction would save Watermaster approximately \$150,000 a year. Ms. Maurizio reviewed the sampling which is being done presently and what is being asked for in the reduction in detail. Ms. Maurizio stated it was anticipated the RWQCB would have this item on their December calendar; however, it is understood it has been now placed on the January, 2012 agenda for consideration.

Added: 2. Recharge Update

Ms. Maurizio stated the most recent Recharge spreadsheet is available on the back table for review. Ms. Maurizio reviewed the recharge numbers in detail.

Added: 3. Meeting Date Updates

Ms. Maurizio reviewed the meeting date changes due to the upcoming Thanksgiving and Christmas holidays. Ms. Maurizio stated a Land Subsidence Committee meeting has been added to the upcoming meeting schedule for Wednesday, November 16, 2011 at 1:00 p.m. here at Watermaster.

Added: 4. Agricultural Pool Invoice Issue

Chair Feenstra stated this question has already been asked, the Committee members found in the Treasurer's Reports several months ago an item regarding approximately \$16,000.00. Mr. Joswiak stated this goes back to two invoices and has to do with the Middle Santa Ana River Pathogen TMDL Task Force. Mr. Joswiak stated the first invoice was dated February 20, 2008 for \$3,031.50, and the second invoice was dated April 4, 2008 for \$13,474.00, which combined is the \$16,506.00 total. Mr. Joswiak stated after Watermaster had booked those two invoices, the \$3,031.50 was removed from the Agricultural Pool's fund, leaving a balance of \$13,474.00 which was deducted from the Agricultural Pool's balance.

Added: 5. Samples

Ms. Maurizio stated she has the results of the split samples that Watermaster has been doing with the ABGL Group for the plume on a map that can be shown if this committee wishes to see them. Chair Feenstra stated those results will be discussed in closed session. Ms. Maurizio stated she would keep the results up on the screen for that.

**IV. INFORMATION**

1. Cash Disbursements for October 2011

No comment was made.

2. Newspaper Articles  
No comment was made.

V. POOL MEMBER COMMENTS

Chair Feenstra inquired if during these times would Watermaster be fully staffed during the holidays. Ms. Maurizio stated historically Watermaster office shuts down between Christmas and New Years which estimates to be about one week of time. Chair Feenstra inquired about pay and Ms. Maurizio stated it is not paid other than the regular holidays, and staff supplements with either their vacation or compensation time to pay for that time taken off. Chair Feenstra thanked Ms. Maurizio for once again taking on other responsibilities.

Chair Feenstra offered comment on the last three samples needed for the project that the Agricultural Pool and Watermaster was working on, and stated that he is still working on that.

Chair Feenstra offered comment on the Riverside Stormwater Channel well that he has been working with Watermaster staff on. Chair Feenstra stated it will cost approximately \$3,000.00 to lift that well up to get in it; this is the well that has been of great concern. A lengthy discussion regarding this well and its contents ensued.

Mr. Durrington asked that Watermaster staff put on the agendas from now on an item titled: Old Business.

VI. OTHER BUSINESS

No comment was made.

The regular open Agricultural Pool meeting was convened to hold its confidential session at 3:00 p.m.

VII. CONFIDENTIAL SESSION - POSSIBLE ACTION

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

The confidential session concluded at 3:24 p.m.

Ms. Egoscue reported the confidential session action as follows:

*Motion by Pierson, second by Koopman, and by unanimous vote*

***Moved to authorized miscellaneous expenses up to \$500 dollars per year, per each individual member to be reimbursed from the Agricultural Pool's special account Pool fund, as presented***

VIII. FUTURE MEETINGS

Thursday, November 10, 2011	9:00 a.m.	Appropriative Pool Meeting @ CBWM
Thursday, November 10, 2011	11:00 a.m.	Non-Agricultural Pool Conference Call Meeting
Thursday, November 10, 2011	1:00 p.m.	Agricultural Pool Meeting @ CBWM
Thursday, November 17, 2011	8:00 a.m.	IEUA DYY Meeting @ CBWM
Thursday, November 17, 2011	9:00 a.m.	Advisory Committee Meeting @ CBWM
<b>* Thursday, November 17, 2011</b>	<b>11:00 a.m.</b>	<b>Watermaster Board Meeting @ CBWM</b>
Monday, November 28, 2011	1:30 p.m.	Special Watermaster Board Meeting @ CBWM
Thursday, December 8, 2011	9:00 a.m.	Appropriative Pool Meeting @ CBWM
Thursday, December 8, 2011	11:00 a.m.	Non-Agricultural Pool Conference Call Meeting
Thursday, December 8, 2011	1:00 p.m.	Agricultural Pool Meeting @ CBWM
Thursday, December 15, 2011	8:00 a.m.	IEUA DYY Meeting @ CBWM
Thursday, December 15, 2011	9:00 a.m.	Advisory Committee Meeting @ CBWM
<b>** Thursday, December 15, 2011</b>	<b>11:00 a.m.</b>	<b>Watermaster Board Meeting @ CBWM</b>

- \* **Note:** Watermaster Board meeting date change due to the Thanksgiving holiday
- \*\* **Note:** Watermaster Board meeting date change due to the Christmas holiday

Ms. Egoscue dismissed the Agricultural Pool Committee meeting at 3:26 p.m.

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

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



# CHINO BASIN WATERMASTER

## **I. CONSENT CALENDAR (App & Ag Pool)**

### **B. FINANCIAL REPORTS**

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

## **I. BUSINESS ITEM (Non-Ag Pool)**

### **B. FINANCIAL REPORTS**

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





# 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:** December 8, 2011  
**TO:** Pool Members  
**SUBJECT:** Cash Disbursement Report – Financial Report B1

### SUMMARY

**Issue** – Record of cash disbursements for the month of October 2011.

**Recommendation** – Staff recommends the Cash Disbursements for October 2011 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 October 2011 were \$746,376.87. The most significant expenditures during the month were to Wildermuth Environmental, Inc. in the amount of \$196,438.72 (check number 15502 dated October 19, 2011), Inland Empire Utilities Agency in the amount of \$180,656.82 (check number 15496 dated October 19, 2011) and Brownstein Hyatt Farber Schreck in the amount of \$92,878.78 (check number 15524 dated October 25, 2011).

### Actions:

December 8, 2011 Appropriative Pool –  
December 8, 2011 Non-Agricultural Pool –  
December 8, 2011 Agricultural Pool –  
December 15, 2011 Advisory Committee –  
December 15, 2011 Watermaster Board –

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CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
October 2011

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check Bill	10/03/2011 09/29/2011	15451 Lease-ACOPEB 2011	AFS ASSOCIATES, INC.	Software lease for GASB 45 compliance Lease of ACOPEB - GASB 45	1012 - Bank of America Gen'l Ckg 6054 - Computer Software	1,200.00 1,200.00
TOTAL						
Bill Pmt -Check Bill	10/05/2011 09/24/2011	15452 3-1952	A&R BRIDGESTONE FIRESTONE AUTO CARE	3-1952 Field truck maintenance	1012 - Bank of America Gen'l Ckg 6177 - Vehicle Repairs & Maintenance	37.88 37.88
TOTAL						
Bill Pmt -Check Bill	10/05/2011 09/27/2011	15453 0023230253	ARROWHEAD MOUNTAIN SPRING WATER	0023230253 Office Water Bottle - September 2011	1012 - Bank of America Gen'l Ckg 6031.7 - Other Office Supplies	38.94 38.94
TOTAL						
Bill Pmt -Check Bill	10/05/2011 08/30/2011	15454	CHARLES Z. FEDAK & COMPANY	Progress Billing - September 2011	1012 - Bank of America Gen'l Ckg 6062 - Audit Services	1,200.00 1,200.00
TOTAL						
Bill Pmt -Check Bill	10/05/2011 09/30/2011	15455 82431	COMPUTER NETWORK	82431 Backup Exec Software for servers	1012 - Bank of America Gen'l Ckg 6054 - Computer Software	3,541.74 3,541.74
TOTAL						
Bill Pmt -Check Bill	10/05/2011 10/03/2011	15456	CORO SOUTHERN CALIFORNIA	Sponsorship-Oct. 18, 2011 Luncheon & Prgm Sponsorship-Oct. 18, 2011 Luncheon & Prgm	1012 - Bank of America Gen'l Ckg 6191 - Conferences - General	1,500.00 1,500.00
TOTAL						
Bill Pmt -Check Bill	10/05/2011 10/04/2011	15457 18069340	DAILY BULLETIN	18069340 10/19/11-9/19/12	1012 - Bank of America Gen'l Ckg 6112 - Subscriptions/Publications	233.00 233.00
TOTAL						
Bill Pmt -Check Bill	10/05/2011 09/08/2011	15458 9/08 Ag Pool Mtg	DE BOOM, NATHAN	AG Pool Member Meeting Compensation 9/08/11 Ag Pool Meeting AG Pool Member Meeting Compensation	1012 - Bank of America Gen'l Ckg 8411 - Compensation 8470 - Ag Meeting Attend -Special	25.00 100.00 125.00
TOTAL						
Bill Pmt -Check Bill	10/05/2011 09/27/2011	15459 019447404	DIRECTV	019447404 Monthly Service for office (9/19/11-10/18/11)	1012 - Bank of America Gen'l Ckg 6031.7 - Other Office Supplies	88.99 88.99
TOTAL						
Bill Pmt -Check Bill	10/05/2011 09/08/2011	15460 9/08 Ag Pool Meeting	DURRINGTON, GLEN	AG POOL MEMBER COMPENSATION 9/08/11 Ag Pool Meeting AG Pool Member Meeting Compensation	1012 - Bank of America Gen'l Ckg 8411 - Compensation 8470 - Ag Meeting Attend -Special	25.00 100.00 125.00
TOTAL						

POTAL

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
October 2011

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/05/2011	15461	FEENSTRA, BOB		1012 - Bank of America Gen'l Ckg	
Bill	09/09/2011	9/08 Ag Pool Mtg		9/08/11 Ag Pool Meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	09/15/2011	9/15 Advisory Comm		9/15/11 Advisory Committee Meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	09/22/2011	9/22 Board Mtg		9/22/11 Board Meeting	8470 - Ag Meeting Attend -Special	125.00
TOTAL						375.00
Bill Pmt -Check	10/05/2011	15462	GREAT AMERICA LEASING CORP.		1012 - Bank of America Gen'l Ckg	
Bill	09/30/2011	11410365		11410365 Copier lease invoice	6043.1 - Ricoh Lease Fee	2,788.53
				Usage for Black Copies	6043.2 - Ricoh Usage & Maintenance Fee	184.51
				Usage for Color Copies	6043.2 - Ricoh Usage & Maintenance Fee	286.26
TOTAL						3,211.30
Bill Pmt -Check	10/05/2011	15463	GROOMAN'S PUMP & WELL DRILLING, INC.		1012 - Bank of America Gen'l Ckg	
Bill	09/26/2011	12860		12860	7102.7 - In-line Meter	340.00
TOTAL						340.00
Bill Pmt -Check	10/05/2011	15464	HALL, PETE*		1012 - Bank of America Gen'l Ckg	
Bill	09/08/2011	9/15 Advisory Comm		9/15/11 Advisory Committee Meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	09/22/2011	9/22 Board Mtg		9/22/11 Board Meeting	8470 - Ag Meeting Attend -Special	125.00
TOTAL						250.00
Bill Pmt -Check	10/05/2011	15465	HUITSING, JOHN		1012 - Bank of America Gen'l Ckg	
Bill	09/08/2011	9/08 Ag Pool mtg		Ag Pool Member Compensation	1012 - Bank of America Gen'l Ckg	125.00
TOTAL						125.00
Bill Pmt -Check	10/05/2011	15466	KOOPMAN, GENE		1012 - Bank of America Gen'l Ckg	
Bill	09/09/2011	9/08 Ag Pool Mtg		AG Pool Member Meeting Compensation	1012 - Bank of America Gen'l Ckg	25.00
				9/08/11 Ag Pool Meeting	8411 - Compensation	100.00
				AG Pool Member Meeting Compensation	8470 - Ag Meeting Attend -Special	125.00
TOTAL						125.00
Bill Pmt -Check	10/05/2011	15467	MIJAC ALARM		1012 - Bank of America Gen'l Ckg	
Bill	10/01/2011	307316		307316 Bldg. monitoring from 10/01/11 to 12/31/11	6026 - Security Services	147.00
TOTAL						147.00
Bill Pmt -Check	10/05/2011	15468	PARK PLACE COMPUTER SOLUTIONS, INC.		1012 - Bank of America Gen'l Ckg	
Bill	09/30/2011	455		455 IT Services - September 2011	1012 - Bank of America Gen'l Ckg	2,400.00
TOTAL						2,400.00
Bill Pmt -Check	10/05/2011	15469	PURCHASE POWER		1012 - Bank of America Gen'l Ckg	
Bill	09/27/2011	8000909000168851		8000909000168851 fed ex shipments for the month	6042 - Postage - General	62.57
TOTAL						62.57



CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
October 2011

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/09/2011	15470	R&D PEST SERVICES	0147550	1012 - Bank of America Gen'l Ckg	
Bill	09/27/2011	0147550		Continuing preventative treatment	6024 - Building Repair & Maintenance	85.00
TOTAL						85.00
Bill Pmt -Check	10/09/2011	15471	THE LAWTON GROUP	6017	1012 - Bank of America Gen'l Ckg	
Bill	09/25/2011	1vc070000017569		Week ending 9/25/11	6017 - Temporary Services	824.00
TOTAL						824.00
Bill Pmt -Check	10/09/2011	15472	VANDEN HEUVEL, ROB	AG POOL MEMBER COMPENSATION	1012 - Bank of America Gen'l Ckg	
Bill	09/09/2011	9/08 Ag Pool Mtg		9/08/11 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	10/09/2011	15473	VERIZON		1012 - Bank of America Gen'l Ckg	
Bill	09/30/2011	012519116950792103		012519116950792103	6022 - Telephone	546.03
Bill	09/30/2011	012561121521714508		012561121521714508	7405 - PE4-Other Expense	166.53
TOTAL						712.56
Bill Pmt -Check	10/09/2011	15474	VISION SERVICE PLAN	00-101789-0001	1012 - Bank of America Gen'l Ckg	
Bill	09/27/2011	001017890001		Vision Insurance - October 2011	60182.2 - Dental & Vision Ins	55.05
TOTAL						55.05
Bill Pmt -Check	10/09/2011	15475	YUKON DISPOSAL SERVICE	08-K2 213849	1012 - Bank of America Gen'l Ckg	
Bill	10/01/2011	08-K2 213849		Disposal service - October 2011	6024 - Building Repair & Maintenance	106.53
TOTAL						106.53
Bill Pmt -Check	10/13/2011	15476	ACWA SERVICES CORPORATION	00198	1012 - Bank of America Gen'l Ckg	
Bill	10/11/2011	00198		Prepayment - November 2011	1409 - Prepaid Life, BAD&D & LTD	102.78
				October 2011	60191 - Life & Disab. Ins Benefits	127.57
TOTAL						230.35
Bill Pmt -Check	10/13/2011	15477	CITISTREET	Payroll and taxes for 09/18/11-10/01/11	1012 - Bank of America Gen'l Ckg	
General Journal	09/30/2011	09/30/2011	CITISTREET	457 Employee deductions - 09/18/11-10/01/11	2000 - Accounts Payable	2,785.78
TOTAL						2,785.78
Bill Pmt -Check	10/13/2011	15478	COMPUTER NETWORK	82545	1012 - Bank of America Gen'l Ckg	
Bill	10/01/2011	82545		Backup battery	6055 - Computer Hardware	91.59
TOTAL						91.59
Bill Pmt -Check	10/13/2011	15479	GUARANTEED JANITORIAL SERVICE, INC.	28696	1012 - Bank of America Gen'l Ckg	
Bill	10/01/2011	28696		Janitorial service - October 2011	6024 - Building Repair & Maintenance	865.00
TOTAL						865.00

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CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
October 2011

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/13/2011	15480	HALL, PETE	AG POOL MEMBER COMPENSATION	1012 - Bank of America Gen'l Ckg	
Bill	09/08/2011	9/08 Ag Pool Mtg		9/08/11 Ag Pool Meeting	8470 - Ag Meeting Attend -Special	125.00
TOTAL						125.00
Bill Pmt -Check	10/13/2011	15481	HSBC BUSINESS SOLUTIONS	7003-7309-1000-2744	1012 - Bank of America Gen'l Ckg	
Bill	09/30/2011	7003730910002744		Miscellaneous office supplies	6031.7 - Other Office Supplies	295.23
TOTAL						295.23
Bill Pmt -Check	10/13/2011	15482	JAMES JOHNSTON	243	1012 - Bank of America Gen'l Ckg	
Bill	09/30/2011	243		Website services - September 2011	6052.3 - Website Consulting	855.00
TOTAL						855.00
Bill Pmt -Check	10/13/2011	15483	MWH LABORATORIES	L0068057 - PE6&7-Contract Svcs (Plume)	1012 - Bank of America Gen'l Ckg	
Bill	09/30/2011	L0068057		L0068376 - PE6&7-Contract Svcs (Plume)	7503 - PE6&7-Contract Svcs (Plume)	838.00
Bill	09/30/2011	L0068376			7503 - PE6&7-Contract Svcs (Plume)	838.00
TOTAL						1,676.00
Bill Pmt -Check	10/13/2011	15484	PAYCHEX	2011092900	1012 - Bank of America Gen'l Ckg	
Bill	09/30/2011	2011092900		Payroll processing - September 2011	6012 - Payroll Services	246.12
TOTAL						246.12
Bill Pmt -Check	10/13/2011	15485	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 - Bank of America Gen'l Ckg	
General Journal	09/30/2011	09/30/2011		CalPERS retirement for 09/18/11-10/01/11	2000 - Accounts Payable	8,110.17
TOTAL						8,110.17
Bill Pmt -Check	10/13/2011	15486	SAFEGUARD DENTAL & VISION	3975365	1012 - Bank of America Gen'l Ckg	
Bill	10/10/2011	3975365		Dental insurance - October 2011	60182.2 - Dental & Vision Ins	7.91
TOTAL						7.91
Bill Pmt -Check	10/13/2011	15487	SAN BERNARDINO COUNTY FLOOD CONTROL I FC 053/12	Annual lease-Eilwanda Conservation Basins	1012 - Bank of America Gen'l Ckg	
Bill	09/30/2011	FC 053/12			7205 - Comp Recharge-Other Expense	5,000.00
TOTAL						5,000.00
Bill Pmt -Check	10/13/2011	15488	THE LAWTON GROUP	6017	1012 - Bank of America Gen'l Ckg	
Bill	09/30/2011	1VC070000017603		Week ending 10/02/11	6017 - Temporary Services	659.20
TOTAL						659.20
Bill Pmt -Check	10/13/2011	15489	UNION 76	300-732-989	1012 - Bank of America Gen'l Ckg	
Bill	09/30/2011	300732989		Fuel - September 2011	6175 - Vehicle Fuel	113.31
TOTAL						113.31
Bill Pmt -Check	10/13/2011	15490	UNITED PARCEL SERVICE	2x81x0	1012 - Bank of America Gen'l Ckg	
Bill	09/30/2011	2x81x0		Packages to GeoTech from Jim Theirl	6042 - Postage - General	18.22
TOTAL						18.22

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
October 2011

Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAL						18.22
Bill Pmt -Check	10/13/2011	15491	WESTERN DENTAL SERVICES, INC.	002483	1012 - Bank of America Gen'l Ckg	28.88
Bill	10/10/2011	002483		Dental Insurance - November 2011	60182.2 - Dental & Vision Ins	28.88
TOTAL						
Check	10/17/2011			Service Charge	1012 - Bank of America Gen'l Ckg	287.01
TOTAL				Service Charge	6031.7 - Other Office Supplies	287.01
Bill Pmt -Check	10/19/2011	15492	BROWNSTEIN HYATT FARBER SCHRECK		1012 - Bank of America Gen'l Ckg	1,312.65
Bill	08/31/2011	442849		442849 - BHFS Legal - Appropriative Pool	8375 - BHFS Legal - Appropriative Pool	1,442.25
				442849 - BHFS Legal - Agricultural Pool	8475 - BHFS Legal - Agricultural Pool	1,312.65
				442849 - BHFS Legal - Non-Ag Pool	8575 - BHFS Legal - Non-Ag Pool	2,521.35
				442849 - BHFS Legal - Advisory Committee	6275 - BHFS Legal - Advisory Committee	7,766.10
				442849 - BHFS Legal - Board Meeting	6375 - BHFS Legal - Board Meeting	1,256.65
				442849 - BHFS Legal - Restated Judgment	6072 - BHFS Legal - Restated Judgment	142.20
				442849 - BHFS Legal - Personnel Matters	6073 - BHFS Legal - Personnel Matters	1,749.60
				442849 - BHFS Legal - Replenishment Water	6075 - BHFS Legal - Replenishment Water	4,859.08
				442849 - BHFS Legal - Miscellaneous	6078 - BHFS Legal - Miscellaneous	2,057.45
				442849 - Desalter Negotiations	6807.33 - Desalter Negotiations	1,888.65
				442850 - Chino Airport Plume	6807.32 - Chino Airport Plume	21,806.10
				442851 - Desalter Negotiations	6807.33 - Desalter Negotiations	3,073.50
				442852 - Paragraph 31 Motion	6907.35 - Paragraph 31 Motion	318.15
				442853 - Santa Ana River Habitat	6907.36 - Santa Ana River Habitat	51,548.38
TOTAL						
Bill Pmt -Check	10/19/2011	15493	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 - Bank of America Gen'l Ckg	989.25
Bill	09/30/2011	xxxx-xxxx-xxxx-9341		D. Alvarez-26th Annual Wateruse Symposium	6191 - Conferences - General	20.48
				D. Alvarez breakfast meeting	6909.1 - OBMP Meetings	115.81
				Purchase shirts/jackets for field staff	6154 - Uniforms	28.28
				Fastrack replenishment	6174 - Transportation	1,133.82
TOTAL						
Bill Pmt -Check	10/19/2011	15494	DE BOOM, NATHAN		1012 - Bank of America Gen'l Ckg	25.00
Bill	09/12/2011	9/12 WEI Mtg		AG Pool Member Meeting Compensation	8411 - Compensation	100.00
TOTAL						125.00
Bill Pmt -Check	10/19/2011	15495	DURRINGTON, GLEN		1012 - Bank of America Gen'l Ckg	25.00
Bill	09/12/2011	9/12 WEI Meeting		AG Pool Member Meeting at MPC	8411 - Compensation	100.00
TOTAL						125.00

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
October 2011

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/19/2011	15496	INLAND EMPIRE UTILITIES AGENCY	90008524	1012 - Bank of America Gen'l Ckg	180,656.82
Bill	10/13/2011	90008524		Quarterly GW Recharge O&M Costs	7206 - Comp Recharge-O&M	180,656.82
TOTAL						
Bill Pmt -Check	10/19/2011	15497	MUNICIPAL WATER DISTRICT OF OC	MWDOC Water Policy Forum Oct. 20, 2011	1012 - Bank of America Gen'l Ckg	75.00
Bill	10/12/2011			Registration fee for D. Alvarez	6191 - Conferences - General	75.00
TOTAL						
Bill Pmt -Check	10/19/2011	15498	VANDEN HEUVEL, ROB	AG POOL MEMBER COMPENSATION	1012 - Bank of America Gen'l Ckg	25.00
Bill	09/12/2011	9/12 WEI Mtg		9/12/11 Wildermuth meeting at MPC	8411 - Compensation	25.00
TOTAL						
Bill Pmt -Check	10/19/2011	15499	WATER FACILITIES AUTHORITY	12-22	1012 - Bank of America Gen'l Ckg	14,173.32
Bill	09/30/2011	12-22		WFA treatment charge	1420 - Prepaid injected Water Purchase	14,173.32
TOTAL						
Bill Pmt -Check	10/19/2011	15500	GEOSCIENCE SUPPORT SERVICES, INC.	4555-11-01	1012 - Bank of America Gen'l Ckg	14,117.00
Bill	09/30/2011	4555-11-01			7107.6 - Grd Level-Contract Svcs	14,117.00
TOTAL						
Bill Pmt -Check	10/19/2011	15501	MWH LABORATORIES	L0065953	1012 - Bank of America Gen'l Ckg	3,928.00
Bill	09/30/2011	L0065953		L0065953 - Hydraulic Control-Lab Svcs	7108.4 - Hydraulic Control-Lab Svcs	3,928.00
Bill	09/30/2011	L0065955		L0065955 - Hydraulic Control-Lab Svcs	7108.4 - Hydraulic Control-Lab Svcs	3,310.00
Bill	09/30/2011	L0067496		L0067496 - Hydraulic Control-Lab Svcs	7108.4 - Hydraulic Control-Lab Svcs	4,515.00
Bill	09/30/2011	L0066827		L0066827 - Hydraulic Control-Lab Svcs	7108.4 - Hydraulic Control-Lab Svcs	3,936.00
Bill	09/30/2011	L0065958		L0065958 - Hydraulic Control-Lab Svcs	7108.4 - Hydraulic Control-Lab Svcs	1,552.00
Bill	09/30/2011	L0065959		L0065959 - Hydraulic Control-Lab Svcs	7108.4 - Hydraulic Control-Lab Svcs	2,065.00
Bill	09/30/2011	L0065960		L0065960 - Hydraulic Control-Lab Svcs	7108.4 - Hydraulic Control-Lab Svcs	615.00
Bill	09/30/2011	L0065963		L0065963 - Hydraulic Control-Lab Svcs	7108.4 - Hydraulic Control-Lab Svcs	2,065.00
Bill	09/30/2011	L0067501		L0067501 - Hydraulic Control-Lab Svcs	7108.4 - Hydraulic Control-Lab Svcs	615.00
Bill	09/30/2011	L0067502		L0067502 - Hydraulic Control-Lab Svcs	7108.4 - Hydraulic Control-Lab Svcs	2,065.00
Bill	09/30/2011	L0067616		L0067616 - Hydraulic Control-Lab Svcs	7108.4 - Hydraulic Control-Lab Svcs	2,065.00
TOTAL						26,711.00
Bill Pmt -Check	10/19/2011	15502	WILDERMUTH ENVIRONMENTAL INC	2011364	1012 - Bank of America Gen'l Ckg	8,083.10
Bill	09/29/2011	2011364		2011364 - OBMP Engineering Services	6906 - OBMP Engineering Services	8,083.10
Bill	09/29/2011	2011365		2011365 - OBMP Engineering Services	6906 - OBMP Engineering Services	2,838.68
Bill	09/30/2011	2011366		2011366 - Grd Level-Engineering	7107.2 - Grd Level-Engineering	4,400.00
Bill	09/30/2011	2011367		2011367 - OBMP - Watermaster Model Update	6906.1 - OBMP - Watermaster Model Update	40,079.99
Bill	09/30/2011	2011368		2011368 - OBMP Engineering Services	6906 - OBMP Engineering Services	11,245.00
Bill	09/30/2011	2011369		2011369 - OBMP Engineering Services	6906 - OBMP Engineering Services	1,150.00
TOTAL						

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CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
October 2011

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	09/30/2011	2011370		2011370 - OBMP Engineering Services	6906 - OBMP Engineering Services	3,000.00
Bill	09/30/2011	2011371		2011371 - OBMP Engineering Services	6906 - OBMP Engineering Services	3,933.23
Bill	09/30/2011	2011372		2011372 - Grdwtr Level-Engineering	7104.3 - Grdwtr Level-Engineering	24,054.12
Bill	09/30/2011	2011373		2011373 - Grdwtr Qual-Engineering	7103.3 - Grdwtr Qual-Engineering	7,425.00
Bill	09/30/2011	2011374		2011374 - Hydraulic Control-Engineering	7108.3 - Hydraulic Control-Engineering	1,249.85
Bill	09/30/2011	2011375		2011375 - Hydraulic Control-Engineering	7108.3 - Hydraulic Control-Engineering	6,458.19
Bill	09/30/2011	2011376		2011376 - Grd Level-Engineering	7107.2 - Grd Level-Engineering	27,013.56
Bill	09/30/2011	2011377		2011377 - PE3&5-Engineering	7303 - PE3&5-Engineering	3,334.26
Bill	09/30/2011	2011378		2011378 - PE4-Engineering	7402 - PE4-Engineering	1,825.00
Bill	09/30/2011	2011379		2011379 - OBMP Engineering Services	6906 - OBMP Engineering Services	687.50
Bill	09/30/2011	2011380		2011380 - OBMP Engineering Services	6906 - OBMP Engineering Services	28,200.00
Bill	09/30/2011	2011398		2011398 - OBMP Engineering Services	6906 - OBMP Engineering Services	2,880.68
Bill	10/01/2011	2011399		2011399 - OBMP Engineering Services	6906 - OBMP Engineering Services	18,580.56
TOTAL						196,438.72
Bill Pmt -Check	10/20/2011	15503	COMPUTER NETWORK	82581	1012 - Bank of America Gen'l Ckg	91.59
Bill	10/19/2011	82581		Replacement laptop battery	6055 - Computer Hardware	91.59
TOTAL						
Bill Pmt -Check	10/20/2011	15504	CORELOGIC INFORMATION SOLUTIONS	80324415	1012 - Bank of America Gen'l Ckg	62.50
Bill	09/30/2011	80324415		80324415	7103.7 - Grdwtr Qual-Computer Svc	62.50
TOTAL						125.00
Bill Pmt -Check	10/20/2011	15505	CUCAMONGA VALLEY WATER DISTRICT	Lease Due November 1, 2011	1012 - Bank of America Gen'l Ckg	5,984.00
Bill	10/18/2011			Lease Due November 1, 2011	1422 - Prepaid Rent	5,984.00
TOTAL						
Bill Pmt -Check	10/20/2011	15506	INLAND EMPIRE UTILITIES AGENCY	Labor charges for Turner Basin/ Guasti Park	1012 - Bank of America Gen'l Ckg	4,697.50
Bill	10/19/2011	1800001955		Support services for Turner Basin/ Guasti Park	7202 - Comp Recharge-Engineering	1,179.00
Bill	10/19/2011	1800001956			7202 - Comp Recharge-Engineering	5,876.50
TOTAL						
Bill Pmt -Check	10/20/2011	15507	PITNEY BOWES CREDIT CORPORATION	Property tax on postage machine	1012 - Bank of America Gen'l Ckg	56.19
Bill	10/19/2011	6684246		Monthly leasing charge	6044 - Postage Meter Lease	541.22
Bill	10/19/2011	6684246			6044 - Postage Meter Lease	597.41
TOTAL						
Bill Pmt -Check	10/20/2011	15508	PRE-PAID LEGAL SERVICES, INC.	111802	1012 - Bank of America Gen'l Ckg	51.80
Bill	10/19/2011	111802		Employee deduction - October 2011	60194 - Other Employee Insurance	51.80
TOTAL						
Bill Pmt -Check	10/20/2011	15509	STAULA, MARY L	Retiree Medical	1012 - Bank of America Gen'l Ckg	

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
October 2011

Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAL	10/31/2011				60182.4 - Retiree Medical	136.61
Bill						136.61
Bill Pmt -Check	10/20/2011	15510	THE LAWTON GROUP	6017 Week ending 10/09/11	1012 - Bank of America Gen'l Ckg 6017 - Temporary Services	824.00
Bill	10/19/2011	1VC070000017635				824.00
TOTAL						824.00
Bill Pmt -Check	10/20/2011	15511	VERIZON BUSINESS	66929768 Charge for service period 11/01/11-11/30/11	1012 - Bank of America Gen'l Ckg 6053 - Internet Expense	1,545.23
Bill	10/19/2011	66929768				1,545.23
TOTAL						1,545.23
Bill Pmt -Check	10/20/2011	15512	VERIZON WIRELESS	1018695634 Monthly wireless service	1012 - Bank of America Gen'l Ckg 6022 - Telephone	385.84
Bill	10/19/2011	1018695634				385.84
TOTAL						385.84
General Journal	10/21/2011	10/21/2011	Payroll and Taxes for 10/02/11-10/15/11	Payroll and Taxes for 10/02/11-10/15/11	1012 - Bank of America Gen'l Ckg	8,322.14
Bill Pmt -Check	10/25/2011	15513	BOWCOCK, ROBERT	9/15/11 Advisory Committee Meeting	1012 - Bank of America Gen'l Ckg	25,826.22
Bill	09/15/2011	9/15 Advisory Comm		9/15/11 Advisory Committee Meeting	6311 - Board Member Compensation	34,148.36
TOTAL						125.00
Bill Pmt -Check	10/25/2011	15514	ELIE, STEVEN	9/22/11 Board Meeting	1012 - Bank of America Gen'l Ckg	125.00
Bill	09/22/2011	9/22 Board Mtg		9/22/11 Board Meeting	6311 - Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	10/25/2011	15515	ELROD, EARL	9/22/11 Board Meeting	1012 - Bank of America Gen'l Ckg	125.00
Bill	09/22/2011	9/22 Board Mtg		9/22/11 Board Meeting	6311 - Board Member Compensation	125.00
Bill	09/30/2011	8/25 Board Mtg		8/25/11 Board Meeting	6311 - Board Member Compensation	250.00
TOTAL						125.00
Bill Pmt -Check	10/25/2011	15516	JESKE, KEN	9/22/2011 Board Meeting	1012 - Bank of America Gen'l Ckg	125.00
Bill	09/22/2011	9/22 Board Mtg		9/22/2011 Board Meeting	6311 - Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	10/25/2011	15517	KUHN, BOB	9/07/11 Administrative Meeting	1012 - Bank of America Gen'l Ckg	125.00
Bill	09/07/2011	9/07 Admin Mtg		9/07/11 Administrative Meeting	6311 - Board Member Compensation	125.00
Bill	09/08/2011	9/08 Appro Pool Mtg		9/08/11 Appropriative Pool Meeting	6311 - Board Member Compensation	125.00
Bill	09/11/2011	9/11 Advisory Comm		9/11/11 Advisory Committee Meeting	6311 - Board Member Compensation	125.00
Bill	09/22/2011	9/22 Board Mtg		9/22/11 Board Meeting	6311 - Board Member Compensation	125.00
TOTAL						500.00

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
October 2011

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	10/25/2011	15518	LANTZ, PAULA	9/08/11 Appropriative Pool Meeting	1012 - Bank of America Gen'l Ckg	125.00
Bill	09/08/2011	9/08 Appro Pool Mtg		9/08/11 Appropriative Pool Meeting	6311 - Board Member Compensation	125.00
TOTAL						
Bill Pmt -Check	10/25/2011	15519	PIERSON, JEFFREY	9/08/11 Ag Pool Meeting	1012 - Bank of America Gen'l Ckg	125.00
Bill	09/08/2011	9/08 Ag Pool Mtg		9/08/11 Ag Pool Meeting	6311 - Board Member Compensation	125.00
Bill	09/15/2011	9/15 Advisory Comm		9/08/11 Advisory Committee Meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	09/22/2011	9/22 Board Mtg		9/22/11 Board Meeting	6311 - Board Member Compensation	125.00
TOTAL						375.00
Bill Pmt -Check	10/25/2011	15520	VANDEN HEUVEL, GEOFFREY	9/08/11 Appropriative Pool Meeting	1012 - Bank of America Gen'l Ckg	125.00
Bill	09/08/2011	9/08 Appro Pool Mtg		9/08/11 Appropriative Pool Meeting	6311 - Board Member Compensation	125.00
Bill	09/22/2011	9/22 Board Mtg		9/22/11 Board Meeting	6311 - Board Member Compensation	250.00
TOTAL						
Bill Pmt -Check	10/25/2011	15521	WILLIS, KENNETH	9/22/11 Board Meeting	1012 - Bank of America Gen'l Ckg	125.00
Bill	09/22/2011	9/22 Board Mtg		9/22/11 Board Meeting	6311 - Board Member Compensation	125.00
TOTAL						
Bill Pmt -Check	10/25/2011	15522	ALVAREZ, DESI	Travel Expense Reimbursement	1012 - Bank of America Gen'l Ckg	4.00
Bill	10/24/2011			Parking for RWQCB Meeting	6174 - Transportation	4.00
				Taxi fare to airport	6191 - Conferences - General	40.00
				Parking for MWD Replenishment Workgroup	6174 - Transportation	14.00
TOTAL						58.00
Bill Pmt -Check	10/25/2011	15523	APPLIED COMPUTER TECHNOLOGIES	2025	1012 - Bank of America Gen'l Ckg	2,366.60
Bill	09/30/2011	2025		Database services - September 2011	6052.2 - Applied Computer Technol	2,366.60
TOTAL						
Bill Pmt -Check	10/25/2011	15524	BROWNSTEIN HYATT FARBBER SCHRECK	443253 - BHFS Legal - Appropriative Pool	1012 - Bank of America Gen'l Ckg	1,277.50
Bill	09/30/2011	443253		443253 - BHFS Legal - Agricultural Pool	8375 - BHFS Legal - Appropriative Pool	1,277.50
				443253 - BHFS Legal - Non-Ag Pool	8475 - BHFS Legal - Agricultural Pool	1,279.50
				443253 - BHFS Legal - Advisory Committee	8575 - BHFS Legal - Non-Ag Pool	2,666.25
				443253 - BHFS Legal - Board Meeting	8275 - BHFS Legal - Advisory Committee	6,806.45
				443253 - BHFS Legal - Restated Judgment	6375 - BHFS Legal - Board Meeting	7,014.60
				443253 - BHFS Legal - Replenishmnt Water	6072 - BHFS Legal - Restated Judgment	11,746.35
				443253 - BHFS Legal - Miscellaneous	6075 - BHFS Legal - Replenishmnt Water	11,612.70
				443253 - BHFS Legal - Miscellaneous	6078 - BHFS Legal - Miscellaneous	821.78
				443253 - Santa Ana River Habitat	6078 - BHFS Legal - Miscellaneous	355.60
				443248 - Santa Ana River Water Rights	6907.36 - Santa Ana River Habitat	1,601.63
Bill	09/30/2011	443248		443248 - Santa Ana River Water Rights	6907.34 - Santa Ana River Water Rights	5,612.10
Bill	09/30/2011	443249		443249 - Chino Airport Plume	6907.32 - Chino Airport Plume	

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
October 2011

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	09/30/2011	443250		443250 - Desalter Negotiations	6907.33 - Desalter Negotiations	31,782.57
Bill	09/30/2011	443251		443251 - Paragraph 31 Motion	6907.35 - Paragraph 31 Motion	1,842.75
Bill	09/30/2011	443252		443252 - Santa Ana River Habitat	6907.36 - Santa Ana River Habitat	7,181.60
TOTAL						92,878.78
Bill Pmt -Check	10/25/2011	15525	CALPERS	1741	1012 - Bank of America Gen'l Ckg	8,313.55
Bill	10/24/2011	1741		Medical Insurance - November 2011	60182.1 - Medical Insurance	8,313.55
TOTAL						
Bill Pmt -Check	10/25/2011	15526	CITISTREET	Payroll and Taxes for 10/02/11-10/15/11	1012 - Bank of America Gen'l Ckg	2,785.78
General Journal	10/21/2011	10/21/2011	CITISTREET	457 Employee deductions for 10/02/11-10/15/11	2000 - Accounts Payable	2,785.78
TOTAL						
Bill Pmt -Check	10/25/2011	15527	CUCAMONGA VALLEY IAAP	10/26/11 Cucamonga Valley IAAP Meeting	1012 - Bank of America Gen'l Ckg	50.00
Bill	10/19/2011			Fee for Wilson & Molino to attend meeting	6192 - Training & Seminars	50.00
TOTAL						
Bill Pmt -Check	10/25/2011	15528	DGO AUTO DETAILING	Wash 4 trucks on 9/21/11, 2 trucks on 10/20/11	1012 - Bank of America Gen'l Ckg	150.00
Bill	10/24/2011				6177 - Vehicle Repairs & Maintenance	150.00
TOTAL						
Bill Pmt -Check	10/25/2011	15529	INLAND EMPIRE UTILITIES AGENCY	VOID: 90008537	1012 - Bank of America Gen'l Ckg	6,840.00
TOTAL						
Bill Pmt -Check	10/25/2011	15530	MWH LABORATORIES	L0070648 - PE6&7-Contract Svcs (Plume)	1012 - Bank of America Gen'l Ckg	2,692.00
Bill	10/19/2011	L0070648			7503 - PE6&7-Contract Svcs (Plume)	
Bill	10/19/2011	L0070650			7503 - PE6&7-Contract Svcs (Plume)	3,310.00
Bill	10/19/2011	L0070651			7503 - PE6&7-Contract Svcs (Plume)	898.00
TOTAL						6,840.00
Bill Pmt -Check	10/25/2011	15531	PETTY CASH	2378-2385	1012 - Bank of America Gen'l Ckg	27.93
Bill	10/24/2011			Supplies for 9/20/2011 85/15 workshop	6141.2 - Committee Meetings	27.93
				Supplies to celebrate office birthdays	6141.3 - Admin Meetings	56.56
				Metrolink fare-Maurizio-9/23, 9/29 MWD	6174 - Transportation	33.00
				Gas for field truck	6175 - Vehicle Fuel	55.52
				To renew AAA membership	6177 - Vehicle Repairs & Maintenance	48.00
				Supplies for 10/22 Water Fair at CBWCD	6191 - Conferences - General	11.23
				Supplies for 10/20 Advisory Committee Meeting	6212 - Meeting Expense	49.41
				Supplies for 10/13 Appropriative Pool Meeting	8312 - Meeting Expenses	13.98
TOTAL						295.63
Bill Pmt -Check	10/25/2011	15532	PREMIERE GLOBAL SERVICES	09405011	1012 - Bank of America Gen'l Ckg	15.53
Bill	09/30/2011	09405011		Agenda call on 8/31	8312 - Meeting Expenses	15.53

TOTAL 30



CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
October 2011

Type	Date	Num	Name	Memo	Account	Paid Amount
				Agenda call on 8/31	8412 - Meeting Expenses	15.52
				Agenda call on 8/31	8512 - Meeting Expense	15.52
				CDA Resolution calls on 9/01, 9/07 and 9/21	7305 - PE3&5-Supplies	484.68
				Annual Report call on 9/08	6909.1 - OBMP Meetings	84.03
				Non-Ag Pool Conference call on 9/08	8512 - Meeting Expense	87.15
				Conference call on 9/14	6022 - Telephone	82.57
				85/15 Workshop call on 9/20	6141.2 - Committee Meetings	183.54
				Monthly service and moderator fees	6022 - Telephone	37.74
TOTAL						986.28
Bill Pmt -Check	10/25/2011	15533	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 - Bank of America Gen'l Ckg	8,134.25
General Journal	10/15/2011	10/15/2011	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Employee deductions 10/02/11-10/15/11	2000 - Accounts Payable	8,134.25
TOTAL						
Bill Pmt -Check	10/25/2011	15534	STATE COMPENSATION INSURANCE FUND	1970970-11	1012 - Bank of America Gen'l Ckg	1,125.84
Bill	10/24/2011			WC Premium for October 2011	60183 - Worker's Comp Insurance	1,125.84
TOTAL						
Bill Pmt -Check	10/25/2011	15535	THE LAWTON GROUP	6017	1012 - Bank of America Gen'l Ckg	824.00
Bill	10/24/2011	1VC070000017667		Week ending 10/16/11	6017 - Temporary Services	824.00
TOTAL						
Bill Pmt -Check	10/26/2011	15536	SOUTHERN CALIFORNIA EDISON COMPANY	To replace check #13866 lost in mail	1012 - Bank of America Gen'l Ckg	10,775.13
Bill	02/08/2011			To replace check #13866 lost in mail	5105 - Purchase of Non-Ag Pool Water	10,775.13
TOTAL						
General Journal	10/29/2011	10/29/2011	Payroll and Taxes for 10/16/11-10/29/11	Payroll and Taxes for 10/16/11-10/29/11	1012 - Bank of America Gen'l Ckg	8,331.64
				Payroll Taxes for 10/16/11-10/29/11	1012 - Bank of America Gen'l Ckg	25,961.61
				Direct Deposits for 10/16/11-10/29/11	1012 - Bank of America Gen'l Ckg	34,293.25
TOTAL						
General Journal	10/31/2011	10/31/2011	Wage Works Direct Debits - October 2011	Wage Works Direct Debits - October 2011	1012 - Bank of America Gen'l Ckg	76.25
				Wage Works Direct Debits - October 2011	1012 - Bank of America Gen'l Ckg	495.40
				Wage Works Direct Debits - October 2011	1012 - Bank of America Gen'l Ckg	495.40
				Wage Works Direct Debits - October 2011	1012 - Bank of America Gen'l Ckg	1,067.05
TOTAL						
Total Disbursements:						746,376.87

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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:** December 8, 2011  
**TO:** Pool Members  
**SUBJECT:** VISA Check Detail Report – Financial Report B2

### SUMMARY

**Issue** – Record of VISA credit card payment disbursed for the month of October 2011.

**Recommendation** – Staff recommends the VISA Check Detail Report for October 2011 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 October 2011 was \$1,133.82. The monthly charges for October 2011 were for routine and customary expenditures and properly documented with receipts.

### Actions:

- December 8, 2011 Appropriative Pool –
- December 8, 2011 Non-Agricultural Pool –
- December 8, 2011 Agricultural Pool –
- December 15, 2011 Advisory Committee –
- December 15, 2011 Watermaster Board –

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CHINO BASIN WATERMASTER  
 VISA Check Detail Report  
 October 2011

Type	Num	Date	Name	Memo	Account	Paid Amount
Bill Pmt -Check	15493	10/19/2011	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	969.25
Bill	XXXX-XXXX-XXXX-9341	09/30/2011		D. Alvarez-26th Annual Waterreuse Symposium	6191 · Conferences - General	20.48
				D. Alvarez breakfast meeting	6909.1 · OBMP Meetings	115.81
				Purchase shirts/jackets for field staff	6154 · Uniforms	28.28
				Fastrack replenishment	6174 · Transportation	
					<b>Total Disbursements:</b>	<b>1,133.82</b>

TOTAL

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## STAFF REPORT

**DATE:** December 8, 2011  
**TO:** Pool Members  
**SUBJECT:** Combining Schedule of Revenue, Expenses and Changes in Working Capital for the Period July 1, 2011 through October 31, 2011 - Financial Report B3

### SUMMARY

**Issue** – Record of Revenue, Expenses and Changes in Working Capital for the Period July 1, 2011 through October 31, 2011.

**Recommendation** – Staff recommends the Combining Schedule of Revenue, Expenses and Changes in Working Capital for the Period July 1, 2011 through October 31, 2011 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 October 31, 2011 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:

- December 8, 2011 Appropriative Pool –
- December 8, 2011 Non-Agricultural Pool –
- December 8, 2011 Agricultural Pool –
- December 15, 2011 Advisory Committee –
- December 15, 2011 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 OCTOBER 31, 2011

	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			
Administrative Revenues:									
Administrative Assessments									\$6,097,177
Interest Revenue	4,820		456		182		1	5,458	150,010
Mutual Agency Project Revenue	405,777							405,777	411,000
Grant Income									0
Miscellaneous Income									0
<b>Total Revenues</b>	<b>410,596</b>	<b>410,596</b>	<b>456</b>	<b>182</b>	<b>182</b>	<b>-</b>	<b>1</b>	<b>411,234</b>	<b>6,658,187</b>
Administrative & Project Expenditures:									
Watermaster Administration	230,046							230,046	425,107
Watermaster Board-Advisory Committee	69,159							69,159	155,297
Pool Administration		16,396	54,532	31,167				102,095	503,822
Optimum Basin Mgmt Administration	524,732							524,732	1,161,401
OBMP Project Costs	1,140,157							1,140,157	4,166,221
Debt Service	471,400							471,400	450,964
Education Funds Use							375	375	375
Mutual Agency Project Costs									10,000
<b>Total Administrative/OBMP Expenses</b>	<b>2,435,493</b>	<b>16,396</b>	<b>54,532</b>	<b>31,167</b>	<b>-</b>	<b>-</b>	<b>375</b>	<b>2,537,964</b>	<b>6,873,187</b>
Net Administrative/OBMP Expenses	(2,435,493)								
Allocate Net Admin Expenses To Pools		1,674,770	677,597	83,127					
Allocate Net OBMP Expenses To Pools									
Allocate Debt Service to App Pool									
Agricultural Expense Transfer*		732,129	(732,129)						
<b>Total Expenses</b>	<b>2,423,294</b>	<b>114,294</b>	<b>456</b>	<b>114,294</b>	<b>(114,113)</b>	<b>-</b>	<b>375</b>	<b>2,537,964</b>	<b>6,873,187</b>
<b>Net Administrative Income</b>	<b>(2,012,698)</b>	<b>(2,012,698)</b>	<b>456</b>	<b>(114,113)</b>	<b>(114,113)</b>	<b>-</b>	<b>(374)</b>	<b>(2,126,729)</b>	<b>(215,000)</b>
Other Income/(Expense)									0
Replenishment Water Assessments									0
Non-Ag Stored Water Purchases									0
Interest Revenue									7
MWD Water Purchases						9,772,640		9,772,640	0
Non-Ag Stored Water Purchases									0
MWD Water Purchases									0
Groundwater Replenishment									0
<b>Net Other Income</b>	<b>(2,151,868)</b>	<b>(2,151,868)</b>	<b>456</b>	<b>(114,113)</b>	<b>(114,113)</b>	<b>(25,139)</b>	<b>(374)</b>	<b>(2,151,868)</b>	<b>(215,000)</b>
<b>Net Transfers To/(From) Reserves</b>									
Working Capital, July 1, 2011	6,922,600		475,807	282,721			630	7,861,937	
Working Capital, End Of Period	4,909,902		476,262	168,609			255	5,710,069	5,710,069
<b>09/10 Assessable Production</b>	<b>78,733,238</b>	<b>31,854,766</b>	<b>27,822%</b>	<b>3,907,911</b>	<b>3,413%</b>			<b>114,495,915</b>	
<b>09/10 Production Percentages</b>	<b>68.765%</b>	<b>27.822%</b>		<b>3.413%</b>				<b>100.000%</b>	

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

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# CHINO BASIN WATERMASTER

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## STAFF REPORT

**DATE:** December 8, 2011  
**TO:** Pool Members  
**SUBJECT:** Treasurer's Report of Financial Affairs for the Period October 1, 2011 through October 31, 2011 - Financial Report B4

### SUMMARY

**Issue** – Record of increases or decreases in the cash position, assets and liabilities of Watermaster for the Period of October 1, 2011 through October 31, 2011.

**Recommendation** – Staff recommends the Treasurer's Report of Financial Affairs for the Period October 1, 2011 through October 31, 2011 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 October 1, 2011 through October 31, 2011 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:

December 8, 2011 Appropriative Pool –  
December 8, 2011 Non-Agricultural Pool –  
December 8, 2011 Agricultural Pool –  
December 15, 2011 Advisory Committee –  
December 15, 2011 Watermaster Board –

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**CHINO BASIN WATERMASTER  
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD  
OCTOBER 1 THROUGH OCTOBER 31, 2011**

<b>DEPOSITORIES:</b>			
Cash on Hand - Petty Cash	\$	500	
Bank of America			
Governmental Checking-Demand Deposits	\$	4,695,093	
Zero Balance Account - Payroll	\$	-	
Local Agency Investment Fund - Sacramento			
<b>TOTAL CASH IN BANKS AND ON HAND</b>			<b>10/31/2011</b>
<b>TOTAL CASH IN BANKS AND ON HAND</b>			<b>9/30/2011</b>
<b>PERIOD INCREASE (DECREASE)</b>			<b>\$ 6,647,553</b>
			<b>3,662,060</b>
			<b>\$ 2,985,493</b>

**CHANGE IN CASH POSITION DUE TO:**

Decrease/(Increase) in Assets:	\$	3,737,262
Accounts Receivable		
Assessments Receivable		(14,314)
Prepaid Expenses, Deposits & Other Current Assets		(76,584)
(Decrease)/Increase in Liabilities		6,729
Accounts Payable		(667,599)
Accrued Payroll, Payroll Taxes & Other Current Liabilities		
Transfer to/(from) Reserves		
<b>PERIOD INCREASE (DECREASE)</b>		<b>\$ 2,985,493</b>

**SUMMARY OF FINANCIAL TRANSACTIONS:**

Balances as of 9/30/2011	\$	500	\$	515,065	\$	-	\$	3,146,495	\$	3,662,060
Deposits				4,926,405				5,465		4,931,870
Transfers				(69,074)		69,074		(1,200,000)		(1,200,000)
Withdrawals/Checks				(677,303)		(69,074)		-		(746,377)
Balances as of 10/31/2011				\$ 4,695,093		\$ -		\$ 1,951,959		\$ 6,647,553
<b>PERIOD INCREASE OR (DECREASE)</b>				<b>\$ 4,180,028</b>		<b>\$ -</b>		<b>\$ (1,194,535)</b>		<b>\$ 2,985,493</b>

**CHINO BASIN WATERMASTER  
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD  
OCTOBER 1 THROUGH OCTOBER 31, 2011**

**INVESTMENT TRANSACTIONS**

Effective Date	Transaction	Depository	Activity	Redeemed	Days to Maturity	Interest Rate(*)	Maturity Yield
10/14/2011	Deposit	L.A.I.F	\$ 5,465				
10/25/2011	Withdrawal	L.A.I.F	\$ (1,200,000)				
<b>TOTAL INVESTMENT TRANSACTIONS</b>			<b>\$ (1,194,535)</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 September 30, 2011.

**INVESTMENT STATUS  
October 31, 2011**

Financial Institution	Principal Amount	Number of Days	Interest Rate	Maturity Date
Local Agency Investment Fund	\$ 1,951,959			
<b>TOTAL INVESTMENTS</b>	<b>\$ 1,951,959</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

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## STAFF REPORT

**DATE:** December 8, 2011  
**TO:** Pool Members  
**SUBJECT:** Budget vs. Actual Report for the Period July 1, 2011 through October 31, 2011 - Financial Report - B5

### SUMMARY

**Issue** – Record of revenues and expenses of Watermaster for the Period of July 1, 2011 through October 31, 2011.

**Recommendation** – Staff recommends the Budget vs. Actual Report for the Period July 1, 2011 through October 31, 2011 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 October 31, 2011 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 were no budget transfers or budget amendments proposed for the month of October 2011.

Year-To-Date (YTD) for the four months ending October 31, 2011, all but two categories were at or below the projected budget. The two categories above budget were the Watermaster Board Expenses (6300's) and the Optimum Basin Mgmt Plan (6900's). These two categories were above the budget by \$7,938 and \$7,415 respectively.

During the Budget Workshops, the Watermaster legal expenses are being allocated to the specific areas of activity. For example, the legal meeting expenses related to the Appropriative, Agricultural, and Non-Agricultural Pools as well as the Advisory Committee and Board are shown in those specific areas.

General ledger accounts have been created and the expenses are appropriately categorized. This provides a clearer picture of the actual costs associated with each individual group. Also, a new category for Watermaster Legal Services (6070) was established for fiscal year 2011/2012. These expenses are associated with administrative legal services for Watermaster.

Added to the financial reports as part of the November reporting cycle, the chart listed below summarizes the Brownstein Hyatt Farber Schreck expenses compared to the year-to-date budget. To date, the BHFS expenses are \$10,601 or 4.0% below the budgeted amount of \$262,281. The following details are provided:

	Jul '11 - Oct '11	Budget	\$ Over Budget	% of Budget	Annual Budget
<b>6070 - Watermaster Legal Services</b>					
6071 - BHFS Legal - Court Coordination	0.00	13,033.36	-13,033.36	0.0%	39,100.00
6072 - BHFS Legal - Restated Judgment	17,951.46	41,600.00	-23,648.54	43.15%	62,400.00
6073 - BHFS Legal - Personnel Matters	1,195.20	3,291.64	-2,096.44	36.31%	9,875.00
6074 - BHFS Legal - Interagency Issues	2,878.65	11,433.36	-8,554.71	25.18%	34,300.00
6075 - BHFS Legal - Replenishmnt Water	33,231.15	0.00	33,231.15	100.0%	0.00
6078 - BHFS Legal - Miscellaneous	21,823.98	18,960.00	2,863.98	115.11%	56,880.00
<b>Total 6070 - Watermaster Legal Services</b>	<b>77,080.44</b>	<b>88,318.36</b>	<b>-11,237.92</b>	<b>87.28%</b>	<b>202,555.00</b>
<b>6275 - BHFS Legal - Advisory Committee</b>					
6275 - BHFS Legal - Advisory Committee	10,976.59	10,270.00	706.59	106.88%	30,810.00
<b>6375 - BHFS Legal - Board Meeting</b>					
6375 - BHFS Legal - Board Meeting	30,710.90	23,210.00	7,500.90	132.32%	45,630.00
<b>8375 - BHFS Legal - Appropriative Pool</b>					
8375 - BHFS Legal - Appropriative Pool	6,807.76	7,110.00	-302.24	95.75%	21,330.00
<b>8475 - BHFS Legal - Agricultural Pool</b>					
8475 - BHFS Legal - Agricultural Pool	6,282.96	10,270.00	-3,987.04	61.18%	30,810.00
<b>8575 - BHFS Legal - Non-Ag Pool</b>					
8575 - BHFS Legal - Non-Ag Pool	6,223.88	3,160.00	3,063.88	196.96%	9,480.00
<b>Total BHFS Legal Services</b>	<b>61,002.09</b>	<b>54,020.00</b>	<b>6,982.09</b>	<b>112.93%</b>	<b>138,060.00</b>
<b>6907.3 - WM Legal Counsel</b>					
6907.30 - Peace II - CEQA	0.00	0.00	0.00	0.0%	0.00
6907.31 - S. Archibald Plume-Formerly OIA	3,009.15	8,208.36	-5,199.21	36.66%	24,625.00
6907.32 - Chino Airport Plume	8,866.95	8,558.36	308.59	103.61%	25,675.00
6907.33 - Desalter Negotiations	77,103.71	53,940.00	23,163.71	142.94%	67,425.00
6907.34 - Santa Ana River Water Rights	3,004.88	8,375.00	-5,370.12	35.88%	25,125.00
6907.35 - Paragraph 31 Motion	13,643.56	26,133.34	-12,489.78	52.21%	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	4,583.36	-4,583.36	0.0%	13,750.00
6907.39 - Recharge Master Plan	0.00	10,144.00	-10,144.00	0.0%	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>113,597.38</b>	<b>119,942.42</b>	<b>-6,345.04</b>	<b>94.71%</b>	<b>221,160.00</b>
<b>Total Brownstein, Hyatt, Farber, Schreck Costs</b>	<b>251,679.91</b>	<b>262,280.78</b>	<b>-10,600.87</b>	<b>95.96%</b>	<b>561,775.00</b>

**OBMP Engineering Services and Legal Costs:**

Several individual line items within the 6900 (Optimum Basin Mgmt Plan) are above the Year-To-Date budget. These are the 6906 (OBMP Engineering Services-Other) and the 6906.1 (OBMP Watermaster Model Update). These overages are a direct result of allocating the budget in equal 1/12 portions throughout the fiscal year. The Year-To-Date expenses in these two categories are running ahead of budget and should level off as the fiscal year progresses.



Within the category 6900 (Optimum Basin Mgmt Plan) are the remaining Watermaster's legal expenses. Within the legal expense category, some individual line item activities were above the budget \$31,442 while the majority of line item activities were below the budget (\$37,787). Above the budget line items were the Desalter Negotiations of \$23,164, the Santa Ana River Habitat of \$7,969 and the Chino Airport Plume of \$309. The individual legal projects/activities that were below budget for the Y-T-D period were the South Archibald Plume (formerly the OIA Plume) of (\$5,199), the Santa Ana River Water Rights Application of (\$5,370), the Paragraph 31 Motion of (\$12,490), the Regional Water Quality Control Board of (\$4,584) and the Recharge Master Plan of (\$10,144). For the four month period, the cumulative Y-T-D budget was \$119,942 and actual legal expenses totaled \$113,597 which resulted in an (Under) budget variance of (\$6,345) or (5.3%).

	Jul '11 - Oct '11	Budget	\$ Over Budget	% of Budget
<b>6900 · Optimum Basin Mgmt Plan</b>				
6901 · WM Staff Salaries	75,887.24	72,330.64	3,556.60	104.92%
6903 · OBMP SAWPA Group	11,655.00	11,655.00	0.00	100.0%
6906 · OBMP Engineering Services				
6906.1 · OBMP - Watermaster Model Update	164,887.20	163,007.51	1,879.69	101.15%
6906 · OBMP Engineering Services - Other	103,516.72	85,403.00	18,113.72	121.21%
<b>Total 6906 · OBMP Engineering Services</b>	<b>268,403.92</b>	<b>248,410.51</b>	<b>19,993.41</b>	<b>108.05%</b>
6907 · OBMP Legal Fees				
6907.3 · WM Legal Counsel				
6907.30 · Peace II - CEQA	0.00	0.00	0.00	0.0%
6907.31 · S. Archibald Plume-Formerly OIA	3,009.15	8,208.36	-5,199.21	36.66%
6907.32 · Chino Airport Plume	8,866.95	8,558.36	308.59	103.61%
6907.33 · Desalter Negotiations	77,103.71	53,940.00	23,163.71	142.94%
6907.34 · Santa Ana River Water Rights	3,004.88	8,375.00	-5,370.12	35.88%
6907.35 · Paragraph 31 Motion	13,643.56	26,133.34	-12,489.78	52.21%
6907.36 · Santa Ana River Habitat	7,969.13	0.00	7,969.13	100.0%
6907.37 · Water Auction	0.00	0.00	0.00	0.0%
6907.38 · Reg. Water Quality Cntrl Board	0.00	4,583.36	-4,583.36	0.0%
6907.39 · Recharge Master Plan	0.00	10,144.00	-10,144.00	0.0%
6907.3 · WM Legal Counsel - Other	0.00	0.00	0.00	0.0%
<b>Total 6907.3 · WM Legal Counsel</b>	<b>113,597.38</b>	<b>119,942.42</b>	<b>-6,345.04</b>	<b>94.71%</b>
<b>Total 6907 · OBMP Legal Fees</b>	<b>113,597.38</b>	<b>119,942.42</b>	<b>-6,345.04</b>	<b>94.71%</b>
6909 · OBMP Other Expenses				
6909.1 · OBMP Meetings	626.56	0.00	626.56	100.0%
6909.4 · Printing	0.00	0.00	0.00	0.0%
6909.5 · Ad Hoc Litigation Committee	0.00	0.00	0.00	0.0%
6909 · OBMP Other Expenses - Other	0.00	10,416.69	-10,416.69	0.0%
<b>Total 6909 · OBMP Other Expenses</b>	<b>626.56</b>	<b>10,416.69</b>	<b>-9,790.13</b>	<b>6.02%</b>
<b>Total 6900 · Optimum Basin Mgmt Plan</b>	<b>470,170.10</b>	<b>462,755.26</b>	<b>7,414.84</b>	<b>101.6%</b>

The OBMP Implementation Projects (accounts 7100's – 7700's) were all under budget as of October 31, 2011. Category 7107 (Ground Level Monitoring) contains the annual budget costs of \$365,945 for the installation of a cable extensometer in the Chino Creek Well Field area at an existing well. The budget was front-loaded for the first six months of the fiscal year. To date, we have not received any progress

billings. This category also includes the budgeted quarterly InSar Imagery costs of \$30,000 which are tracking well below the budget.

Category 7200 (Comprehensive Recharge Program) contains the budgeted cost of \$245,750 for the San Sevine channel repair. The budget of \$245,750 for this project was front-loaded for the first six months of the fiscal year. To date, we have not received any progress repair billings and we expect that this positive variance will continue until progress billings are received.

The Recharge Improvement Debt Payment (Category 7690) is another category which the budget and expense fluctuate due to the timing of expense receipts. Watermaster expects that a credit from IEUA in the amount of \$100,000+ will be forthcoming in the months of December 2011 or January 2012. Currently, this category is below the budgeted amount by \$129,564.

Added to the financial reports as part of the November reporting cycle, the chart listed below summarizes the Wildermuth Environmental, Inc. expenses compared to the Year-To-Date budget. As of October 31, 2011, the WEI expenses are \$204,004 or 20.9% below the budgeted amount of \$974,542. The following details are provided:

	Jul '11 - Oct '11	Budget	\$ Over Budget	% of Budget	Annual Budget
6906.1 · OBMP - Watermaster Model Update	164,887.20	163,007.51	1,879.69	101.15%	204,010.00
6906 · OBMP Engineering Services - Other	103,216.72	85,403.00	17,813.72	120.86%	256,209.00
7103.3 · Grdwtr Qual-Engineering	42,116.35	35,835.64	6,280.71	117.53%	80,507.00
7103.5 · Grdwtr Qual-Lab Svcs	12,286.00	18,294.36	-6,008.36	67.16%	36,883.00
7104.3 · Grdwtr Level-Engineering	88,504.45	68,381.36	20,123.09	129.43%	151,144.00
7104.8 · Grdwtr Level-Contracted Serv	0.00	3,333.36	-3,333.36	0.0%	10,000.00
7104.9 · Grdwtr Level-Capital Equip	0.00	6,962.50	-6,962.50	0.0%	13,925.00
7107.2 · Grd Level-Engineering	113,883.20	55,478.36	58,404.84	205.28%	166,435.00
7107.3 · Grd Level-SAR Imagery	0.00	30,000.00	-30,000.00	0.0%	120,000.00
7107.6 · Grd Level-Contract Svcs	53,887.67	74,911.64	-21,023.97	71.94%	224,735.00
7107.7 · Grd Level-Extensometer Install	0.00	65,945.00	-65,945.00	0.0%	65,945.00
7107.8 · Grd Level-Cap Equip Exte	0.00	6,440.50	-6,440.50	0.0%	25,762.00
7108.3 · Hydraulic Control-Engineering	50,871.28	93,220.64	-42,349.36	54.57%	279,662.00
7108.4 · Hydraulic Control-Lab Svcs	61,632.00	56,949.64	4,682.36	108.22%	170,849.00
7108.9 · Hydraulic Control-Contract Svcs	0.00	666.94	-666.94	0.0%	2,000.00
7109.3 · Recharge & Well - Engineering	0.00	11,160.00	-11,160.00	0.0%	11,160.00
7202.2 · Engineering Svc	0.00	3,440.00	-3,440.00	0.0%	10,320.00
7202.3 · Comp Recharge-Implementation	14,542.59	77,000.00	-62,457.41	18.89%	231,000.00
7303 · PE3&5-Engineering - Other	21,709.49	47,840.00	-26,130.51	45.38%	47,840.00
7402 · PE4-Engineering	8,385.18	15,244.00	-6,858.82	55.01%	45,732.00
7403 · PE4-Contract Svcs	0.00	3,333.36	-3,333.36	0.0%	10,000.00
7502 · PE6&7-Engineering	0.00	16,053.36	-16,053.36	0.0%	48,160.00
7503 · PE6&7-Contract Svcs (Plume)	34,616.00	35,640.83	-1,024.83	97.13%	37,790.00
<b>Total Wildermuth Environmental, Inc. Costs</b>	<b>770,538.13</b>	<b>974,542.00</b>	<b>-204,003.87</b>	<b>79.07%</b>	<b>2,250,068.00</b>

During the month of October, there have been some discussions between the Wildermuth and Watermaster staff, as well as other parties, regarding the possible cost overages at completion in several of the ongoing projects. These projects are the horizontal extensometer and the CCWF extensometer.

*Horizontal Extensometer.* There is no specific line item in the FY 2011-2012 budget for installation of this facility. This facility was intended to be installed during FY 2010-2011, but Watermaster's negotiations with the land owner to obtain a right-of-entry agreement progressed slower than expected, and wasn't completed until July 2011. WEI was able to purchase all equipment, finish designs, and perform some offsite construction activities during FY 2010-2011, but was not able to access the site and complete the

installation. Watermaster's FY 2010-2011 budget did not carry over to FY 2011-2012. WEI anticipates this effort to cost \$66,000 at completion.

*Vertical Extensometer.* Watermaster's FY 2011-2012 budget includes the cost to identify an existing well near the CCWF, and retrofit that well as a cable extensometer facility (\$65,945). The recommendation from the Land Subsidence Committee to construct a new extensometer came late in the Watermaster budgeting process, and was included in the FY 2011-2012 budget. Three Valleys Municipal Water District has committed \$300,000 to this project if a new extensometer is built. This is a total budget of \$365,945 to construct the new extensometer. WEI estimates the total cost to install a new cable extensometer facility near the CCWF will be approximately \$450,000. This estimated cost exceeds the available budget by about \$84,000.

#### **Other Income and Expense:**

In August of this year, 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). These revenue items were not included in the FY 2011/2012 budget and these payments are in excess of the projected revenue amount. The amount of \$294,776.62 can be used to offset and additional extensometer costs as listed above, as well as any other unexpected expenses which may occur in the current fiscal year.

During the October accounting period, continued invoicing for the MWD replenishment water from the Inland Empire Utilities Agency were issued by Watermaster. Invoices in the amounts of \$144,961.30 were issued to Niagara Bottling; \$480,173.22 issued to Fontana Water Company; and \$600,000.00 issued to the City of Chino during the month of October. To date, Niagara Bottling has been billed for 6,000,000 AF for a total amount of \$2,534,505.96; Fontana Water Company has been billed for 20,000,000 AF for a total amount of \$8,444,469.37; and the City of Chino has been billed for 1,416.470 AF for a total amount of \$600,000.00. The remaining replenishment contracts are still in the negotiation phase and could be completed in the coming weeks.

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

#### **Actions:**

- December 8, 2011 Appropriative Pool –
- December 8, 2011 Non-Agricultural Pool –
- December 8, 2011 Agricultural Pool –
- December 15, 2011 Advisory Committee –
- December 15, 2011 Watermaster Board –

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	1/12th of the Total Budget			4/12th (33%) of the Total Budget			100% of the Total Budget		
	For The Month of October 2011			Year-To-Date as of October 31, 2011			Fiscal Year End as of June 30, 2012		
	Actual	Budget	% of Budget	Actual	Budget	% of Budget	Projected	Budget	% of Budget
<b>Income</b>									
4010 · Local Agency Subsidies	0.00	0.00	0.0%	405,776.62	111,000.00	365.57%	411,000.00	411,000.00	100.0%
4110 · Admin Asmtms-Approp Pool	0.00	0.00	0.0%	0.00	0.00	0.0%	5,840,178.00	5,840,178.00	100.0%
4120 · Admin Asmtms-Non-Agri Pool	0.00	0.00	0.0%	0.00	0.00	0.0%	256,999.00	256,999.00	100.0%
4700 · Non Operating Revenues	0.00	0.00	0.0%	5,457.68	37,502.50	14.55%	150,010.00	150,010.00	100.0%
4900 · Miscellaneous Income	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
<b>Total Income</b>	0.00	0.00	0.0%	411,234.30	148,502.50	276.92%	6,658,187.00	6,658,187.00	100.0%
<b>Gross Profit</b>	0.00	0.00	0.0%	411,234.30	148,502.50	276.92%	6,658,187.00	6,658,187.00	100.0%
<b>Expense</b>									
6010 · Salary Costs	41,799.51	32,843.88	127.27%	157,433.02	158,649.00	99.23%	472,976.00	472,976.00	100.0%
6020 · Office Building Expense	8,077.29	9,268.00	87.15%	32,769.46	34,847.00	94.04%	103,369.00	103,369.00	100.0%
6030 · Office Supplies & Equip.	2,169.84	2,125.00	102.11%	7,196.28	8,500.00	84.66%	25,500.00	25,500.00	100.0%
6040 · Postage & Printing Costs	4,796.30	6,031.67	79.52%	16,112.06	22,993.33	70.07%	66,180.00	66,180.00	100.0%
6050 · Information Services	7,653.41	13,335.00	57.39%	39,466.65	51,590.00	76.5%	148,020.00	148,020.00	100.0%
6060 · Contract Services	35.86	15,000.00	0.24%	7,615.96	29,000.00	26.26%	34,000.00	34,000.00	100.0%
6070 · Watermaster Legal Services	21,340.07	22,079.58	96.65%	77,080.44	88,318.36	87.28%	202,555.00	202,555.00	100.0%
6080 · Insurance	0.00	0.00	0.0%	17,740.87	19,036.00	93.2%	19,036.00	19,036.00	100.0%
6110 · Dues and Subscriptions	233.00	250.00	93.2%	14,344.00	15,260.00	94.0%	30,000.00	30,000.00	100.0%
6140 · WM Admin Expenses	84.49	250.00	33.8%	327.51	1,000.00	32.75%	3,000.00	3,000.00	100.0%
6150 · Field Supplies	68.59	100.00	68.59%	297.58	350.00	85.02%	1,600.00	1,600.00	100.0%
6170 · Travel & Transportation	1,755.30	1,600.00	109.71%	5,941.85	7,092.50	83.78%	21,970.00	21,970.00	100.0%
6190 · Conferences & Seminars	1,676.23	4,375.00	38.31%	3,554.44	8,750.00	40.62%	17,500.00	17,500.00	100.0%
6200 · Advisory Comm - WM Board	4,954.08	4,504.25	109.99%	17,971.91	18,017.00	99.75%	54,051.00	54,051.00	100.0%
6300 · Watermaster Board Expenses	14,486.32	8,437.17	171.7%	51,186.68	43,248.64	118.35%	101,246.00	101,246.00	100.0%
8300 · Appr PI-WM & Pool Admin	4,396.10	4,190.00	104.92%	16,395.62	16,760.00	97.83%	50,280.00	50,280.00	100.0%
8400 · Agri Pool-WM & Pool Admin	4,603.37	5,319.09	86.54%	17,011.72	21,276.29	79.96%	63,829.00	63,829.00	100.0%
8467 · Ag Legal & Technical Services	24,142.48	17,583.33	137.3%	30,795.49	70,333.36	43.79%	211,000.00	211,000.00	100.0%
8470 · Ag Meeting Attend -Special	2,050.00	1,000.00	205.0%	6,725.00	4,000.00	168.13%	12,000.00	12,000.00	100.0%
8471 · Ag Pool Expense	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
8500 · Non-Ag PI-WM & Pool Admin	12,290.20	8,476.08	145.0%	31,167.30	33,904.36	91.93%	101,713.00	101,713.00	100.0%
6500 · Education Funds Use Expens	375.00	0.00	100.0%	375.00	0.00	100.0%	375.00	375.00	100.0%
9400 · Depreciation Expense	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9500 · Allocated G&A Expenditures	-42,060.48	-60,049.92	70.04%	-149,834.39	-240,199.64	62.38%	-720,599.00	-720,599.00	100.0%
6900 · Optimum Basin Mgmt Plan	111,858.29	98,503.15	113.56%	470,170.10	462,755.26	101.6%	935,026.00	935,026.00	100.0%
6950 · Mutual Agency Projects	0.00	0.00	0.0%	0.00	0.00	0.0%	0.00	0.00	0.0%
9501 · G&A Expenses Allocated-OBMP	19,673.68	18,031.25	110.22%	54,562.14	72,125.00	75.65%	216,375.00	216,375.00	100.0%
7101 · Production Monitoring	8,623.09	8,741.67	98.64%	38,482.14	43,966.64	87.53%	104,900.00	104,900.00	100.0%
7102 · In-line Meter Installation	2,365.71	5,530.25	42.78%	11,193.60	22,121.00	50.6%	66,363.00	66,363.00	100.0%
7103 · Gdwtr Quality Monitoring	16,968.68	18,996.67	89.32%	81,913.79	97,986.64	83.6%	203,960.00	203,960.00	100.0%
7104 · Gdwtr Level Monitoring	19,618.67	27,023.49	72.6%	104,377.39	114,131.58	91.45%	276,432.00	276,432.00	100.0%
7105 · Sur Wtr Qual Monitoring	0.00	316.00	0.0%	0.00	1,214.00	0.0%	3,592.00	3,592.00	100.0%

	1/12th of the Total Budget For The Month of October 2011				4/12th (33%) of the Total Budget Year-To-Date as of October 31, 2011				100% of the Total Budget 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
	7107 - Ground Level Monitoring	72,046.21	149,214.25	-77,168.04	48.28%	167,770.87	433,297.50	-265,526.63	38.72%	904,443.00	904,443.00	0.00
7108 - Hydraulic Control Monitoring	42,963.23	38,315.34	4,647.89	112.13%	112,858.58	153,261.28	-40,402.70	73.64%	459,784.00	459,784.00	0.00	100.0%
7109 - Recharge & Well Monitoring Prog	0.00	0.00	0.00	0.0%	0.00	11,160.00	-11,160.00	0.0%	11,160.00	11,160.00	0.00	100.0%
7200 - PE2- Comp Recharge Pgm	207,664.71	252,315.92	-44,651.21	82.38%	419,408.25	652,949.62	-233,541.37	64.23%	1,341,785.00	1,341,785.00	0.00	100.0%
7300 - PE3&5-Water Supply/Dessalte	9,088.03	3,795.25	5,292.78	239.46%	34,908.59	63,021.00	-28,112.41	55.39%	93,383.00	93,383.00	0.00	100.0%
7400 - PE4- Mgmt Plan	2,594.37	6,188.91	-3,594.54	41.92%	11,833.76	23,705.72	-11,871.96	49.92%	70,067.00	70,067.00	0.00	100.0%
7500 - PE6&7-CoopEfforts/SaltMgmt	15,695.04	15,008.51	686.53	104.57%	52,411.66	52,691.55	-279.89	99.47%	88,942.00	88,942.00	0.00	100.0%
7600 - PE8&9-StorageMgmt/Conj Use	925.63	3,872.75	-2,947.12	23.9%	9,726.07	15,316.00	-5,589.93	63.5%	45,773.00	45,773.00	0.00	100.0%
7690 - Recharge Improvement Debt Pymt	0.00	0.00	0.00	0.0%	471,400.00	600,964.00	-129,564.00	78.44%	450,964.00	450,964.00	0.00	100.0%
7700 - Inactive Well Protection Prgm	0.00	353.25	-353.25	0.0%	0.00	706.50	-706.50	0.0%	1,413.00	1,413.00	0.00	100.0%
9502 - G&A Expenses Allocated-Projects	22,186.80	42,018.67	-19,831.87	52.8%	95,272.28	168,074.64	-72,802.36	56.69%	504,224.00	504,224.00	0.00	100.0%
Total Expense	667,599.10	784,943.46	-117,344.36	85.05%	2,537,963.57	3,418,424.12	-880,460.55	74.24%	6,873,187.00	6,873,187.00	0.00	100.0%
Net Ordinary Income	-667,599.10	-784,943.46	117,344.36	85.05%	-2,126,729.27	-3,269,921.62	1,143,192.35	65.04%	-215,000.00	-215,000.00	0.00	100.0%
Other Income												
4225 - Interest Income	0.00	0.00	0.00	0.0%	7.01	0.00	7.01	100.0%	0.00	0.00	0.00	0.0%
4210 - Approp Pool-Replenishment	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
4220 - Non-Ag Pool-Replenishment	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
4600 - Groundwater Sales	-39,791.67	0.00	-39,791.67	100.0%	9,772,639.73	0.00	9,772,639.73	100.0%	0.00	0.00	0.00	0.0%
Total Other Income	-39,791.67	0.00	-39,791.67	100.0%	9,772,646.74	0.00	9,772,646.74	100.0%	0.00	0.00	0.00	0.0%
Other Expense												
5010 - Groundwater Replenishment	-39,791.67	0.00	-39,791.67	100.0%	9,772,639.73	0.00	9,772,639.73	100.0%	0.00	0.00	0.00	0.0%
5100 - Other Water Purchases	0.00	0.00	0.00	0.0%	25,146.00	0.00	25,146.00	100.0%	0.00	0.00	0.00	0.0%
9999 - Tot(From) Reserves	-667,599.10	-784,943.46	117,344.36	85.05%	-2,151,968.26	-3,269,921.62	1,118,053.36	65.81%	-215,000.00	-215,000.00	0.00	100.0%
Total Other Expense	-707,390.77	-784,943.46	77,552.69	90.12%	7,645,917.47	-3,269,921.62	10,915,839.09	-233.83%	-215,000.00	-215,000.00	0.00	100.0%
Net Other Income	667,599.10	784,943.46	-117,344.36	85.05%	2,126,729.27	3,269,921.62	-1,143,192.35	65.04%	215,000.00	215,000.00	0.00	100.0%
Net 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%

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



# CHINO BASIN WATERMASTER

## **I. CONSENT CALENDAR (App & Ag Pool)**

### **C. REQUEST FOR STORAGE AGREEMENT**

1. **Consider Approval for Notice of Local Storage Agreement** - The City of Upland has submitted an application for a Local Storage Agreement for 9,500.000 acre-feet to be placed into a Local Supplemental Storage Account. Date of Application: November 29, 2011
2. **Consider Approval for Notice of Local Storage Agreement** - San Antonio Water Company has submitted an application for a Local Storage Account for 2,000.000 acre-feet to be placed into a Local Supplemental Storage Account. Date of Application: December 1, 2011

## **I. BUSINESS ITEM (Non-Ag Pool)**

### **C. REQUEST FOR STORAGE AGREEMENT**

1. **Consider Approval for Notice of Local Storage Agreement** - The City of Upland has submitted an application for a Local Storage Agreement for 9,500.000 acre-feet to be placed into a Local Supplemental Storage Account. Date of Application: November 29, 2011
2. **Consider Approval for Notice of Local Storage Agreement** - San Antonio Water Company has submitted an application for a Local Storage Account for 2,000.000 acre-feet to be placed into a Local Supplemental Storage Account. Date of Application: December 1, 2011



***CHINO BASIN WATERMASTER***

**NOTICE**

**OF**

**APPLICATION(S)**

**RECEIVED FOR**

**LOCAL STORAGE AGREEMENT**

Date of Notice:

December 2, 2011

This notice is to advise interested persons that the attached application(s) will come before the Watermaster Board on January 26, 2012.



**NOTICE OF APPLICATION(S) RECEIVED**

Date of Application: **November 29, 2011**      Date of this notice: **December 2, 2011**

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

- A. Notice of Application for a Local Storage Agreement – The City of Upland has submitted an application for a Local Storage Agreement for 9,500.000 acre-feet to be placed into a Local Supplemental Storage Account.

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

Appropriative Pool:                      December 8, 2011

Non-Agricultural Pool:                      December 8, 2011

Agricultural Pool:                              December 8, 2011

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 APPLICATION FOR A LOCAL STORAGE AGREEMENT

Notification Dated: December 2, 2011

A party to the Judgment has submitted a proposed Application for a Local Storage Agreement for Watermaster approval. Unless contrary evidence is presented to Watermaster that overcomes the rebuttable presumption provided in Section 5.2(b)(v) of the Peace Agreement, Watermaster must find that there is "no material physical injury" and approve the storage agreement. Watermaster staff is not aware of any evidence to suggest that this storage agreement would cause material physical injury and hereby provides this notice to advise interested persons that this storage agreement will come before the Watermaster Board on January 26, 2012. The attached staff report will be included in the meeting package at the time the storage agreement 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:** December 2, 2011  
**TO:** Watermaster Interested Parties  
**SUBJECT:** Summary and Analysis of Application for a Local Storage Agreement

### Summary –

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

### Issue –

- Notice of Application for a Local Storage Agreement – The City of Upland has submitted an application for a Local Storage Agreement for 9,500.000 acre-feet to be placed into a Local Supplemental Storage Account.

### Recommendation –

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

**Fiscal Impact –** None.

### 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 a Local Storage Agreement is attached with the notice of application.

- Notice of Application for a Local Storage Agreement – The City of Upland has submitted an application for a Local Storage Agreement for 9,500.000 acre-feet to be placed into a Local Supplemental Storage Account.

A Revised Notice of the application identified above was mailed on December 2, 2011 along with the materials submitted by the requestors.

**DISCUSSION**

On November 29, 2011, the City of Upland submitted Form 1, an application for a Local Storage Agreement. The Application identifies the maximum quantity of the storage account to be 9,500.00 acre-feet to be placed into a Local Supplemental Storage Account.

The Application states the purposes of storing the water is to stabilize or reduce further water costs/assessments, facilitate utilization of other available sources of supply, and to transfer to other parties.

The Application states that the method of placement in storage is via percolation/recharge and a Form 2 application is attached. The Form 2 states that the Upland Basin will be utilized.

The Application states that the method and location of recapture from storage is transfer to another Party to the Judgment. At that point, the City of Upland and the other Party will need to submit appropriate water transfer forms.

Per the Peace II Agreement, losses will be applied to all water placed into the City's Local Supplemental Storage Account in a similar manner to all other water in storage.



**PUBLIC WORKS DEPARTMENT**  
1370 North Benson Avenue  
Upland, California 91786-0460  
Telephone (909) 291-2930  
Facsimile (909) 291-2974

November 29, 2011

Danielle D. Maurizio, PE, Senior Engineer, Interim CEO  
Chino Basin Watermaster  
9641 San Bernardino Rd.  
Rancho Cucamonga, CA. 91730

Subject: Local Storage Agreement, Chino Groundwater Basin

Dear Mrs. Maurizio:

This letter is the City of Upland's formal submission of the appropriate application for Local Storage Agreement (Form 1), application for recharge (Form 2), and request for a Standard Local Storage Agreement (Form 8). The City of Upland completed the construction of a large storm, supplemental/imported water recharge basin (Upland Basin) located approximately on the south east corner of Monte Vista Avenue and Arrow Route through a significant investment by its local community. The City has allowed Chino Basin Watermaster to use the Upland Basin for the benefit of the regional recharge program.

The City of Upland makes this request to exercise and use its Upland Basin for recharge of local non-native water resources up to 9,500AF, which it has as part of its water resource supply portfolio. These local non-native water supplies include the City's direct water and water through its shareholder entitlement and partnerships with San Antonio Water Company and West End Consolidated Water Company, and Inland Empire Utilities Agency. These non-native local water supplies include water resources from San Antonio Canyon, Six Basins, and Cucamonga Basin. The recharge of this local non-native water is consistent with the groundwater recharge objectives, increase reliability of local water supplies, and reduced dependence on imported water. Furthermore, these local water supplies are of high water quality improving the overall long-term water quality characteristics in the Chino Groundwater Basin.

Pursuant to the Judgment and supplemental filings "Watermaster shall approve the storage of Supplemental water under a Local Storage Agreement" so long as:

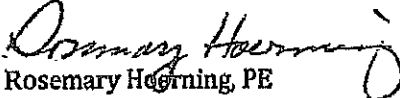
- (1) The total quantity of Supplemental Water authorized to be held in Local Storage under all then existing Local storage Agreement, other than amounts classified as Supplemental water under the procedures set forth in Article VII Section 8.1, for all parties does not exceed the cumulative total of 100,000 AF (Peace II Provision);
- (2) The party to the Judgment making the request provides their own Recharge facilities for the purpose of placing the Supplemental Water into Local Storage (Upland Basin);
- (3) The agreement will not result in Material Physical Injury to any party to the Judgment or the basin. Watermaster may approve a proposed agreement with conditions that mitigate any threatened potential Material Physical Injury.

It is anticipated, this storage will be used to assist parties to the judgment in their groundwater production or over production replenishment obligations.

For the aforementioned reasons, this request is consistent with the basin management objectives and development of local high quality water supply.

I look forward to the positive and timely prosecution of these applications, as the City would like to commence recharge activities at this location. Should you require additional information or a clarification on these submittals please contact me at (909) 291-2931.

Sincerely,

  
Rosemary Heerning, PE  
Public Works Director/City Engineer  
City of Upland

Att. Form 1 Application for Local Storage Agreement  
Form 2 Application for Recharge & Location Map  
Form 8 Chino Basin Watermaster, Standard Local Storage Agreement

cc: Ken Willis, Chino Basin Watermaster Chair  
Stephen Dunn, City Manager

APPLICATION  
FOR  
LOCAL STORAGE AGREEMENT

APPLICANT

City of Upland	11/29/11	
Name of Party	Date Requested	Date Approved
460 N. Euclid Ave.	9,500 Acre-feet	_____ Acre-feet
Street Address	Amount Requested	Amount Approved
Upland CA 91786		
City State Zip Code		
Telephone: (909) 291-2931	Facsimile: (909) 291-2974	

TYPE OF WATER TO BE PLACED IN STORAGE

Excess Carry Over     Local Supplemental or Imported     Both

PURPOSE OF STORAGE - Check all that may apply

- Stabilize or reduce future water costs/assessments. (Upland Rate Payors)
- Facilitate utilization of other available sources of supply. (Put other local supply to beneficial use)
- Facilitate replenishment under certain well sites.
- Preserve pumping right for a changed future potential use.
- Other, explain \_\_\_\_\_  
Transfer to other parties

METHOD AND LOCATION OF PLACEMENT IN STORAGE - Check and attach all that may apply

- Recharge (Form 2)
- Transfer of Right to Water in Storage (Form 3)
- Transfer from another party to the Judgment (Form 5)

METHOD AND LOCATION OF RECAPTURE FROM STORAGE - Check and attach all that may apply

- Pump from my wells (Form 4)
- Transfer to another party to the Judgment (Form 3)

WATER QUALITY AND WATER LEVELS

What is the existing water quality and what are the existing water levels in the areas that are likely to be affected?

Recharge water will be high quality. Groundwater levels will be similar, as this is an existing recharge basin facility

MATERIAL PHYSICAL INJURY

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?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



ADDITIONAL INFORMATION ATTACHED

Yes [] No [  ]

Osmany Hernandez  
Applicant, City of Upland

**TO BE COMPLETED BY WATERMASTER:**

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

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

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

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

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

DATE OF BOARD APPROVAL: \_\_\_\_\_ Agreement # \_\_\_\_\_



# Upland Basin



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APPLICATION  
FOR  
RECHARGE

APPLICANT

City of Upland			11/29/11	
Name of Party			Date Requested	Date Approved
460 N. Euclid Ave.			9,500	
			Acre-feet	Acre-feet
Street Address			Amount Requested	Amount Approved
Upland	CA	91786	1 Foot Per day	Varies
City	State	Zip Code	Projected Rate of Recharge	Projected Duration of Recharge
Telephone: 909-291-2931			Facsimile: 909-291-2974	

SOURCE OF SUPPLY

Water from:

- State Water Project
- Colorado River
- Local Supplemental Upland/SAW Co.-Six Basins, San Antonio Canyon, and Cucamonga Basin
- Recycled Water Source: Water and IEUA Recycled Water
- Other, explain

METHOD OF RECHARGE

<input checked="" type="checkbox"/> PERCOLATION	Basin Name	Upland Basin
	Location	SEC Monte Vista Ave. & Arrow Rte., Upland
<input type="checkbox"/> INJECTION	Well Number	N.A.
	Location (attach map)	
<input type="checkbox"/> EXCHANGE	Facility Name	Upland Basin
	Share of Safe Yield	5.202%
	Carry Over Right	Per Judgement
	Water in Storage	
	Pumping Capacity (cfs)	

WATER QUALITY AND WATER LEVELS

What is the existing water quality and what are the existing water levels in the areas that are likely to be affected?

Recharge water will be high quality. Groundwater levels will be similar, as this is an existing recharge basin facility

**MATERIAL PHYSICAL INJURY**

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?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**ADDITIONAL INFORMATION ATTACHED** Yes [✓] No [ ]

*Rosmary Heersing*  
Applicant, City of Upland

**TO BE COMPLETED BY WATERMASTER:**

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

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

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

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

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

DATE OF BOARD APPROVAL: \_\_\_\_\_ Agreement # \_\_\_\_\_

CHINO BASIN WATERMASTER

Form 8

STANDARD  
LOCAL STORAGE AGREEMENT # \_\_\_\_\_

THIS AGREEMENT is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, by and between Chino Basin Watermaster, (herein "Watermaster") and City of Upland (herein "Local Storage Party") pursuant to the Judgment entered January 27, 1978 and the Peace Agreement and Implementation Plan dated June 29, 2000.

**STORAGE AUTHORITY.** The authority is hereby granted to the above Storage Party, pursuant to the terms and conditions hereof, to store 9,500 acre-feet of water in the Chino Basin and to recapture the same for reasonable beneficial use as indicated on the forms or attachments below. The right to store water under this Local Storage Agreement is not transferable or assignable.

Excess Carry Over     Local Supplemental or Imported     Both

**STORAGE APPROVAL.** In submitting the Application for Local Storage, Applicant presented the following forms in addition to Form 1:

- Form 2    Application for Recharge
- Form 3    Application for Sale or Transfer of Right to Produce Water in Storage
- Form 4    Application or Amendment to Application to Recapture Water in Storage
- Form 5    Application Transfer Annual Production Right or Safe Yield
- Form 6    Application by a Party to the Judgment to Participate in a Storage & Recovery Program
- Form 7    Application for Reimbursement or Credit Against OBMP Assessments

All additional forms are included herein by reference and deemed approved or conditioned as attached.

**TERM OF AGREEMENT.** This Agreement shall continue in effect coterminous with the Peace Agreement unless or until the Agreement is modified, amended or terminated by Watermaster action. Except for losses or other factors as Watermaster may establish, any water in storage at the time of termination of this Agreement shall remain to the credit of Storage Party for subsequent recapture in its normal operations, i.e., termination of the Agreement shall affect termination of the right to place water in storage, but shall not impair the integrity of water stored or the right to recapture the same. Local Storage Agreements do not require court approval.

This Agreement and all provisions thereof are applicable to and binding upon not only the parties hereto, but also upon their respective heirs, executors, administrators, successors, assigns, lessors and licensees and upon the agents, employees and attorneys in fact of all such persons.

The following standard terms and conditions are deemed incorporated in any local storage agreement approved by Watermaster.

**ASSIGNMENT OF STORAGE CAPACITY.** Storage capacity is not assignable. Water in storage may be assigned, sold, leased or transferred as herein or subsequently approved.

**LOSSES ATTRIBUTABLE TO STORED WATER.** Pursuant to the Peace Agreement, losses may be applied to water stored hereunder after July 1, 2005.

**RECAPTURE.** Storage Party may recapture Stored Water by the direct extraction of groundwater from Chino Basin as herein approved by Watermaster. Each Storage Party shall apply to Watermaster in writing using Form 4 at least thirty (30) days prior to commencement of direct recapture if Form 4 is not included herewith, or if the recapture plan is different than that originally submitted to Watermaster. Watermaster shall determine whether significant adverse impacts will result to the Chino Basin and to other producers by reason of such production and shall either confirm, deny, or modify such proposed extraction schedule.

**PROCEDURES AND ACCOUNTING FOR WATER STORED.** Watermaster shall maintain a continuing account of water stored in and recaptured from Storage Party's account, which shall be available for review upon reasonable notice by Storage Party.

**REPORTS TO WATERMASTER.** Storage Party shall file with Watermaster such reports, forms, or additional information as is reasonably required by Watermaster in order to provide full information as to storage, losses and recapture of Stored Water hereunder.

**WATERMASTER'S RIGHT OF INSPECTION.** Watermaster shall have the right to inspect at reasonable times the records and facilities of Storage Party with relation to storage and recapture of water in the Chino Basin.

**NOTICE.** Any notices may be given by mail and postage prepaid addressed as follows:

Watermaster	Chino Basin Watermaster 8632 Archibald Avenue, Suite 109 Rancho Cucamonga, CA 91730
Storage Party	As set forth on the application.

**ADDITIONAL CONDITIONS OR TERMS.** In granting approval of this storage agreement, Watermaster placed the following additional conditions in the agreement:

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**IN WITNESS WHEREOF,** the parties hereto have caused this Agreement to be duly executed by their authorized officers.

**WATERMASTER**

**STORAGE PARTY**

\_\_\_\_\_  
Watermaster Approval

\_\_\_\_\_  
Applicant, City of Upland

***CHINO BASIN WATERMASTER***

**NOTICE**

**OF**

**APPLICATION(S)**

**RECEIVED FOR**

**LOCAL STORAGE AGREEMENT**

Date of Notice:

December 2, 2011

This notice is to advise interested persons that the attached application(s) will come before the Watermaster Board on January 26, 2012.



**NOTICE OF APPLICATION(S) RECEIVED**

Date of Application: **December 1, 2011**      Date of this notice: **December 2, 2011**

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

- A. Notice of Application for a Local Storage Agreement – San Antonio Water Company has submitted an application for a Local Storage Agreement for 2,000.00 acre-feet to be placed into a Local Supplemental Storage Account.

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

Appropriative Pool:                      December 8, 2011

Non-Agricultural Pool:                      December 8, 2011

Agricultural Pool:                              December 8, 2011

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 APPLICATION FOR A LOCAL STORAGE AGREEMENT**

Notification Dated: December 2, 2011

A party to the Judgment has submitted a proposed Application for a Local Storage Agreement for Watermaster approval. Unless contrary evidence is presented to Watermaster that overcomes the rebuttable presumption provided in Section 5.2(b)(v) of the Peace Agreement, Watermaster must find that there is "no material physical injury" and approve the storage agreement. Watermaster staff is not aware of any evidence to suggest that this storage agreement would cause material physical injury and hereby provides this notice to advise interested persons that this storage agreement will come before the Watermaster Board on January 26, 2012. The attached staff report will be included in the meeting package at the time the storage agreement 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

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**DATE:** December 2, 2011  
**TO:** Watermaster Interested Parties  
**SUBJECT:** Summary and Analysis of Application for a Local Storage Agreement

### Summary –

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

### Issue –

- Notice of Application for a Local Storage Agreement – San Antonio Water Company has submitted an application for a Local Storage Agreement for 2,000,000 acre-feet to be placed into a Local Supplemental Storage Account.

### Recommendation –

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

**Fiscal Impact –** None.

### 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 a Local Storage Agreement is attached with the notice of application.

- Notice of Application for a Local Storage Agreement – San Antonio Water Company has submitted an application for a Local Storage Agreement for 2,000,000 acre-feet to be placed into a Local Supplemental Storage Account.

A Revised Notice of the application identified above was mailed on December 2, 2011 along with the materials submitted by the requestors.

**DISCUSSION**

On December 1, 2011, the San Antonio Water Company submitted Form 1, an application for a Local Storage Agreement. The Application identifies the maximum quantity of the storage account to be 2,000,000 acre-feet to be placed into a Local Supplemental Storage Account.

The Application states the purposes of storing the water is to preserve pumping right for a changed future potential use.

The Application states that the method of placement in storage is via percolation/recharge and a Form 2 application is attached. The Form 2 states that the Upland and Montclair 1 Basins will be utilized.

Per the Peace II Agreement, losses will be applied to all water placed into San Antonio Water Company's Local Supplemental Storage Account in a similar manner to all other water in storage.



# San Antonio Water Company

Incorporated October 25, 1882

Serving the original Ontario Colony lands

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December 1, 2011

Ms. Danni Maurizio  
Interim General Manager  
Chino Basin Watermaster  
9641 San Bernardino Road  
Rancho Cucamonga, CA 91730

**SUBJECT: Application for Local Storage Agreement & Recharge**

Dear Danni:

Enclosed are the forms for the San Antonio Water Company's application for a Local Storage Agreement and Recharge into Chino Basin via Upland Basin or Montclair Basin 1 off of the San Antonio Channel.

We ask that you process our application for the Pool's approval. If you have any questions, please call me at 909.982.4107.

Sincerely,

Charles Moorrees  
General Manager  
/cm

Cc: File

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APPLICATION FOR LOCAL STORAGE AGREEMENT

APPLICANT

SAN ANTONIO WATER CO. Name of Party

12-1-11 Date Requested

Date Approved

139 N. EUCLID AVE. Street Address

2,000 AF Acre-feet Amount Requested

Acre-feet Amount Approved

UPLAND City CA State 91786 Zip Code

909.982.4107 Telephone:

909.920.3047 Facsimile:

TYPE OF WATER TO BE PLACED IN STORAGE

- Excess Carry Over Local Supplemental or Imported Both

PURPOSE OF STORAGE - Check all that may apply

- Stabilize or reduce future water costs/assessments. Facilitate utilization of other available sources of supply. Facilitate replenishment under certain well sites. Preserve pumping right for a changed future potential use. Other, explain

METHOD AND LOCATION OF PLACEMENT IN STORAGE - Check and attach all that may apply

- Recharge (Form 2) Transfer of Right to Water in Storage (Form 3) Transfer from another party to the Judgment (Form 5)

METHOD AND LOCATION OF RECAPTURE FROM STORAGE - Check and attach all that may apply

- Pump from my wells (Form 4) Transfer to another party to the Judgment (Form 3)

WATER QUALITY AND WATER LEVELS

What is the existing water quality and what are the existing water levels in the areas that are likely to be affected?

(SEE ATTACHED)

MATERIAL PHYSICAL INJURY

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

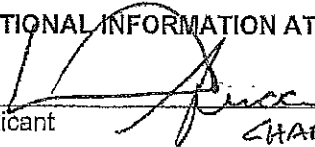
If yes, what are the proposed mitigation measures, if any, that might reasonably be imposed to ensure that the action does not result in Material Physical Injury to a party to the Judgment or the Basin?



ADDITIONAL INFORMATION ATTACHED

Yes  No

Applicant

  
CHARLES MORRIS

**TO BE COMPLETED BY WATERMASTER:**

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

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

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

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

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

DATE OF BOARD APPROVAL: \_\_\_\_\_ Agreement # \_\_\_\_\_

APPLICATION FOR RECHARGE

APPLICANT

SAN ANTONIO WATER CO.  
Name of Party

12-1-11  
Date Requested

Date Approved

139 N. EUCLID AVE.  
Street Address

1,500 Acre-feet  
Amount Requested

Acre-feet  
Amount Approved

LIPLAND  
City

CA  
State

91786  
Zip Code

250 AF/MONTH  
Projected Rate of Recharge

JAN - JUNE  
Projected Duration of Recharge

Telephone: 909-982-4107

Facsimile: 909-920-3047

SOURCE OF SUPPLY

Water from:

- State Water Project
- Colorado River
- Local Supplemental
- Recycled Water
- Other, explain

Source: SAN ANTONIO CREEK

SAN ANTONIO WATER COMPANY ENJOYS A MAJORITY OF SURFACE WATER RIGHTS IN THE CREEK

METHOD OF RECHARGE

- PERCOLATION
- INJECTION
- EXCHANGE

Basin Name LIPLAND BASIN & MONTCLAIR BASIN 1

Location SE MONTEVISTA & ARROW / E/O SA CHANNEL 3/0 ARROWWAY.

Well Number

Location (attach map)

Facility Name

Share of Safe Yield

Carry Over Right

Water in Storage

Pumping Capacity (cfs)

WATER QUALITY AND WATER LEVELS

What is the existing water quality and what are the existing water levels in the areas that are likely to be affected?

EXCELLENT WATER QUALITY FROM THE SA CREEK WATERSHED. (WATERSHED SANITARY SURVEY FINDINGS & CONCLUSIONS ARE ATTACHED) POSITIVE AFFECT ON WATER LEVELS IN MZ 1.

**MATERIAL PHYSICAL INJURY**

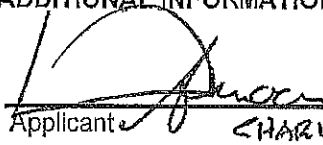
Is the Applicant aware of any potential Material Physical Injury to a party to the Judgment or the Basin that may be caused by the action covered by the application? Yes [ ] No [X]

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?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**ADDITIONAL INFORMATION ATTACHED**

Yes [X] No [ ]

  
Applicant CHARLES MOORREES

- SAN ANTONIO CREEK SANITARY SURVEY FINDINGS & CONCLUSIONS
- UPLAND & MONTCLAIR BASIN

**TO BE COMPLETED BY WATERMASTER:**

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

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

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

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

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

DATE OF BOARD APPROVAL: \_\_\_\_\_ Agreement # \_\_\_\_\_

## SECTION 6

### WATERSHED SANITARY SURVEY FINDINGS, CONCLUSIONS AND RECOMMENDATIONS

#### FINDINGS

1. The monitoring of the watershed as recommended in the 2000 WSS has been performed and it is clear that cryptosporidium and giardia concentrations in San Antonio Creek are very low. So low that the City of Pomona's Pedley Filtration Plant has been given a "Bin1" classification under L2ESWTR.
2. The general mineral water quality of San Antonio Creek has not changed measurably since 1994 as shown in Table 4-2c presented in Section 4
3. Average monthly raw water turbidity in San Antonio Creek as determined by measurements at Pomona's Pedley Water Treatment Plant has not changed significantly from the previous period, though turbidity in 2001-2005 was higher than previous years. This is likely due to the Grand Prix Fire.
4. Average monthly total coliform levels in San Antonio Creek as determined by measurements at Pomona's Pedley Water Treatment Plant have changed significantly for the better from the 1995-99 period. This can be seen in Figure 4-9a.
5. Average monthly fecal coliform levels in San Antonio Creek as determined by measurements at Pomona's Pedley Water Treatment Plant have not changed significantly from previous periods. See Figure 4-9b.
6. Average monthly HPC levels in San Antonio Creek as determined by measurements at Pomona's Pedley Water Treatment Plant were higher in 2001 - 2005 than previous 5-year periods and the 2006 - 2010 period. See Figure 4-9c.
7. Evey Canyon intake to the City of Pomona's pipeline appears to a significant source of coliform and E. coli. The source of these microorganisms is not known. There are recommendations for increased monitoring of the this area to determine the possible sources. See Figures 4-11a and b. It is also noteworthy to look at Figures 4-19a and 4-19b, The total coliform concentration at SACWTP is substantially less than that measured at Evey Canyon and the Pedley Filtration Plant raw water inlet. The SACWTP source is the 60/40 weir box. This further supports the finding that Evey Canyon is a significant source of coliform found in the Pedley Filtration Plant inlet raw water.
8. THM and HAA5 levels in the treated water are well below the Disinfectant and Disinfection by-product rule requirements for both the Cities of Pomona and Upland. HAA5 concentrations are well below the MCL, even with the LRAA method of computation. TTHM concentrations were also well below the MCL even with the LRAA method of computation. See Table 4-4a, 4-4b, 4-7a, and 4-7b.
9. The City of Upland made major reductions in the TTHM concentration in the distribution system between the 2001-2005 period and the 2006-2010 period. See Tables 4-7a, and 4-7b

10. Recreational activities in the watershed continue to be a concern particularly as they relate to disposal of trash.
11. Septic tanks and subsurface wastewater disposal systems continue to exist and still pose a threat to water quality. Some could be impacted by high flood flows. The largest of the systems (portion of Mt. Baldy Village and Mt. Baldy School) are now under a Regional Water Quality Control Board Waste Discharge Permit which requires regular monitoring and reporting.
12. The SACMSC has made improvements to the wastewater disposal system for the portion of the Mt. Baldy Village which is served by the company. This included an "all gravity" system from inlet to disposal which will minimize spills and overflows. The installation of the Pirana™ system has immensely improved the quality of the effluent which is percolated in the leach field.
13. Watershed signage which was recommended in the 2000 WSS has not been installed. The terrorist attacks on 9/11/01 forced water suppliers to think of security and not call attention to the fact that the creek is a source of water. The USFS has implemented a programs of "Leave No Trace" and "Tread Lightly" to educate the public to "pick up after themselves.
14. The City of Pomona and City of Upland water treatment plants will comply with the Stage 2 Disinfectant and Disinfection by-products rule and the Long Term 2 Enhanced Surface Water Treatment Rule.
15. The USFS has extended the leases of the private cabins on public lands for another 20 years. There are still concerns over the "permanent occupancy" of some of the cabins. The USFS reports that a prevention officer visits the cabins semi-annually to check on brush clearance and the USFS states that officer would also note any water quality issues. A follow-up for compliance is made. The Cities, SAWCO or the Watershed Committee however are not notified of the compliance orders. The USFS should make sure the prevention and compliance personnel are trained in observing conditions that could impact water quality.
16. The San Antonio Watershed Committee meets bi-monthly to discuss matters of mutual interest in the watershed.
17. Recreational use of the watershed is continuing at a high level. The imposition of the USFS \$5 use fee has not brought about a permanent reduction in recreational activities.
18. Permanent vault toilets have been constructed at Manker Campground and at the end of the road at Ice House Canyon. Portable toilets were observed at the ski area parking lot.
19. The "Friends of the River" have proposed making a portion of San Antonio Creek from the falls to its headwaters as "WILD and SCENIC." This will protect the area but not impact its recreational use.

## CONCLUSIONS

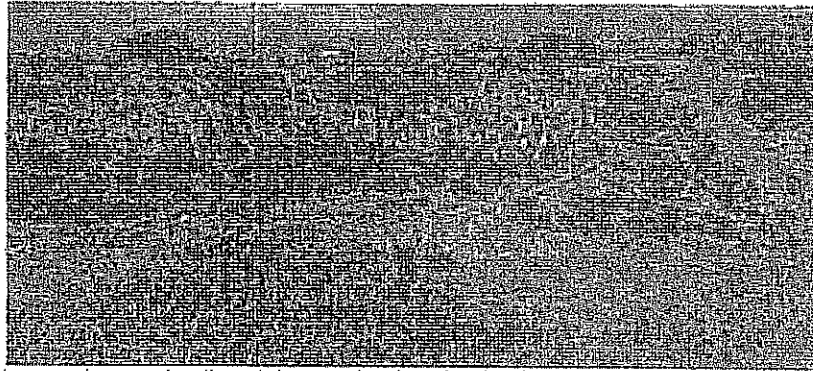
1. Water quality in San Antonio Creek continues to be of relatively high quality.

2. Microbiological contamination of the watershed is not showing any increasing trends. The City of Pomona's Evey Canyon Intake appears to be a significant source of coliform.
3. Giardia and cryptosporidium concentrations in San Antonio Creek are minimal and the costly sampling could be reduced significantly.
4. The San Antonio Watershed Committee should continue their bimonthly meetings and their watershed activities.

## RECOMMENDATIONS

1. The cryptosporidium and giardia monitoring currently carried out at the Upper, Middle, Lower Intake and Ice House Canyon should be reduced to once every 2 years.
2. The City of Pomona should carefully monitor the total coliform and E. coli in the Evey Canyon intake and try to identify the sources if possible.
3. The USFS should keep the Watershed Committee (and the Agencies) informed of their inspections of the cabins and compliance orders.
4. The Watershed Committee should receive copies of the reports prepared by the SACMSC for the Regional Water Quality Control Board.
5. The intake pipelines, including the SCE pipelines should be inspected on an annual basis, preferably after the heavy spring runoff season. (This was one of the recommendations in the 1995 WSS and should be discussed at the Watershed meetings since SCE is a member of the Committee.)
6. A mechanism needs to be put in place, if it is not already in place, to alert the Agencies of vehicle accidents which could discharge chemicals or contaminants into the watercourse. (This was one of the recommendations in the 1995 WSS.)
7. The Agencies in conjunction with the USFS should continue and, if possible, expand their public education program of the need to protect the San Antonio Creek watershed. (This was one of the recommendations in the 1995 WSS.)
8. The County of Los Angeles and the County of San Bernardino Building and Safety Departments should notify the Watershed Committee when there are modifications or replacements of existing septic tank systems or any new systems installed or failure or overflow of existing systems.
9. The USFS should locate the septic tank and leach field at the Lower San Antonio Fire Station at Shinn Road and provide the Watershed Committee with a report on when it is pumped.
10. The USFS should require special use cabin owners (or the septic tank pumers) to provide records to the USFS when these cabin septic tanks are pumped. These reports should be provided to the Watershed Committee on an annual basis.
11. There needs to be communication between the Los Angeles County Department of Public Works Crews and Contractors when they are planning on working in the Creek as the impact on the water supply intakes from the turbidity is significant.

### Upland Basin



#### Location

Management Zone No. 1

Upland Basin is located in the southeast corner of Monte Vista Avenue and Arrow Route in the City of Montclair, California.

#### Ownership

City of Upland

#### Potential Recharge Water Supply Sources

- Storm Water
- Recycled Water
- Imported Water (SWP)

#### Effective Spreading Area

10.1 acres

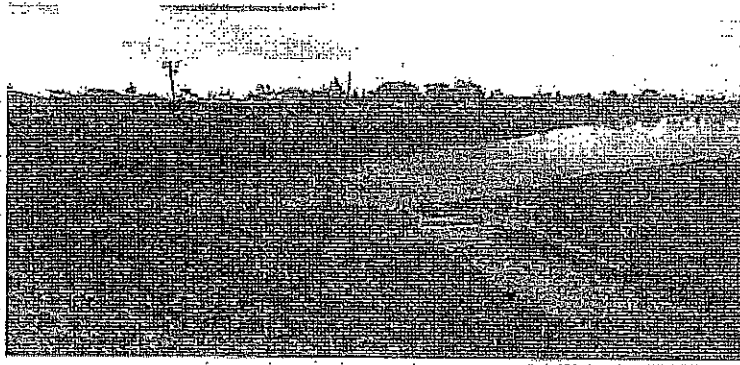
#### Percolation Rate

3.0 ft/day

#### Description

Upland Basin was once a quarry mining area. There exists one inlet for local runoff into the basin. There are no outlets for the basin.

### Montclair Basins



#### Location

Management Zone No. 1

Montclair Basins consists of four basins (M1-M4) located in series to the east of San Antonio channel between Arrow Highway and San Bernardino Avenue.

#### Ownership

Chino Basin Water Conservation District

#### Potential Recharge Water Supply Sources

- Storm Water Captured from the San Gabriel Mountain Watersheds
- Recycled Water
- Imported Water (SWP)

#### Effective Spreading Area

Montclair 1	6.8 acres
Montclair 2	10.9 acres
Montclair 3	3.9 acres
Montclair 4	6.6 acres

#### Percolation Rate

Montclair 1	2.0 ft/day
Montclair 2	2.5 ft/day
Montclair 3	1.5 ft/day
Montclair 4	1.0 ft/day

#### Description

Montclair 1 (M1) receives water from the San Antonio channel via a drop inlet structure and 48-inch RCP. There are two additional storm water inlets for M1. A 24-inch gate outlet and a spillway structure convey flows underneath Moreno Avenue from M1 to Montclair 2 (M2).

In addition to the inlet structure from M1, there is also a 36-inch diameter storm water inlet into the spreading basin. On the west side of the basin is a low-flow outlet and an overflow, concrete spillway that leads into San Antonio Channel. The outlet structure conveying flows to Montclair 3 (M3) consists of two 36-inch diameter pipes that run beneath San Jose Avenue.

In addition to the inlet structure from M2, an open channel delivers storm water runoff from Montclair Plaza and the surrounding areas. There is an overflow spillway that conveys water under I-10 and into San Antonio Channel. An 8-foot by 6-foot outlet box delivers water to Montclair 4 (M4).

In addition to the inlet structure from M3, there is also a 16-inch diameter storm water inlet. A concrete, rectangular, outlet structure at the south end of the basin delivers water to San Antonio Channel.



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# CHINO BASIN WATERMASTER

## II. BUSINESS ITEM (App & Ag Pool)

### A. CHINO BASIN WATERMASTER RESERVES

## I. BUSINESS ITEM (Non-Ag Pool)

### D. CHINO BASIN WATERMASTER RESERVES





# 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:** December 8, 2011  
**TO:** Pool Members  
**SUBJECT:** Chino Basin Watermaster Cash Reserves

### SUMMARY

**Issue** - Chino Basin Watermaster Cash Reserves as of June 30, 2011.

**Recommendation** - (1) That the Pools receive a report and provide comment on the Chino Basin Watermaster Reserve Balance and (2) that the Pools direct staff how to handle the "Funds On Hand" in the upcoming FY 2011/2012 Assessment Package.

**Fiscal Impact** - There is no fiscal impact to Chino Basin Watermaster unless a decision is made to distribute the excess reserves. Any distribution of the excess reserves would reduce the overall cash position on the balance sheet of Chino Basin Watermaster.

### BACKGROUND

Watermaster assessments are collected annually to fund Watermaster operations for the entire year. The assessment consists of two parts: one to fund the annual Operating Budget which is approved in June; and the second to finance water purchases required to acquire replenishment water. The Operating Budget in turn consists of General Administrative (GA) expenses and Optimum Basin Management Plan (OBMP) expenses. Because the Operating Budget cannot be predicted with total accuracy, Watermaster historically has maintained reserves to cover unexpected expenses. During the FY 2011/2012 budget workshops there were numerous discussions regarding the cash reserves held by Watermaster. The purpose of this report is to provide an update on the current balance in the reserve account and a summary of the practices followed in establishing the reserves.

The practice of establishing an Operating Reserve started in FY 1980/1981 with the establishment of a 25 percent Operating Reserve. In FY 1993/1994, the Operating Reserve was increased from 25 percent to 33 percent. In FY 2001/2002 the Operating Reserve was changed to include a 33 percent reserve for budgeted General Administrative expenses and 15 percent for budgeted OBMP expenses. Effective in FY 2006/2007 the percentages were changed to 30 percent for both the General Administrative and OBMP budgeted expenses.

### CURRENT PRACTICE

Watermaster attempts to maintain operating reserves equal to 30 percent of the Administrative Budget and 30 percent of the OBMP Budget referred to as the 30/30 Reserve. Once the required operating reserves calculation is determined, any available "Funds On Hand" are used to reduce that operating reserve. "Funds On Hand" is defined as the June 30 fund balance (estimated) less funds required for

Agricultural Pool Reserves, carryover replenishment obligations, SB 22 funds and Educational funds. By utilizing the "Funds On Hand" to offset the operating reserve calculation, the total assessment amount paid by the Appropriative Pool and Non-Agricultural Pool members is reduced.

In fact, until the FY 2011/2012 Watermaster budget was approved, the 30/30 Reserve was applied in practice only once in FY 2006/2007. During the later fiscal years, a 30/30 Reserve was not applied as part of the Watermaster budget process. When considering the FY 2007/2008 Assessment it was noticed that, "Based on discussions following the prior year's assessment package workshop and Appropriative Pool discussions, WM will not assess or give credit for the following: Reserves or Cash on Hand". As of June 30, 2006, the "Funds On Hand" was \$1,571,249. Each year, the "Funds On Hand" increase or decrease based upon the ongoing activities of Watermaster and the timing of receipts versus payments.

The cash reserve practice has been discussed with Watermaster's current audit firm of Charles Z. Fedak & Company and they have stated that there is currently no GASB requirement to maintain a set amount, percentage or period of time for cash reserves. The auditors are of the opinion that the policy and practice of cash reserves and level of cash to operate is for Watermaster to determine. The auditors do recommend that Watermaster should maintain some level of cash reserves, but they are leaving the exact details of the level of cash reserves up to Watermaster.

### **OPERATING RESERVES**

At the request of the Pools during development of the budget, the FY 2011/2012 Operating Budget includes an accounting for the 30/30 Reserve. Employing the 30/30 Reserve, the FY 2011/2012 Administrative Reserve is \$302,880 and the OBMP Reserve is \$1,601,286 for a total Operating Reserve of \$1,904,166. It is assumed that the available cash is in excess of the 30/30 Reserve amount, and in addition, a conservative estimate of the variance between the actual expenses and the budget for FY 2010/2011 of \$200,000 exists, which is allocated and used to reduce the overall assessment calculation. Combining the amounts brings the estimated "Funds On Hand" to \$2,104,167 (See Table A).

**TABLE A**  
**CHINO BASIN WATERMASTER**  
**ASSESSMENT CALCULATION**  
**FISCAL YEAR 2011-2012**  
**INCLUDES "30% OPERATING RESERVES" AND "FUNDS ON HAND UTILIZED FOR ASSESSMENTS"**

PRODUCTION BASIS	FY 2010-2011 BUDGET	FY 2011-2012 BUDGET	ASSESSMENT	APPROPRIATIVE POOL		AGRICULTURAL POOL		NON-AG POOL	
				General Administration	OBMP	General Administration	OBMP	General Administration	OBMP
2009-10 Production & Exchanges in Acre-Feet (Actuals)			114,495,915	78,733,238	68.765%	31,854,766	27.822%	3,907,911	3.413%
2010-11 Production & Exchanges in Acre-Feet (Projected Estimate)			113,426,601	76,426,601	67.380%	33,000,000	29.094%	4,000,000	3.527%
<b>BUDGET</b>				<b>General Administration</b>	<b>OBMP</b>	<b>General Administration</b>	<b>OBMP</b>	<b>General Administration</b>	<b>OBMP</b>
Administration, Advisory Committee & Watermaster Board (1)	\$847,518	\$1,009,601	\$1,009,601	\$680,267		\$293,730		\$35,604	
OBMP & Implementation Projects (1)	5,133,009	5,337,622	5,337,622		3,596,478		1,552,912		188,232
General Admin & OBMP Assessments	\$5,980,527	\$6,347,223	6,347,223	680,267	3,596,478	293,730	1,552,912	35,604	188,232
<b>TOTAL BUDGET</b>			6,347,223	680,267	3,596,478	293,730	1,552,912	35,604	188,232
Less Budgeted Interest Income	(175,010)	(150,010)	(150,009)		(101,076)		(43,643)		(5,290)
Contributions from Outside Agencies	(148,410)	(411,000)	(411,000)		(276,931)		(119,575)		(14,494)
<b>CASH DEMAND</b>			5,786,214	680,267	3,218,471	293,730	1,389,694	35,604	168,448
<b>OPERATING RESERVE (Estimated)</b>									
Administrative (30%)	30%	302,880	\$302,880	\$204,080		\$88,119		\$10,681	
OBMP (30%)	30%	1,601,286	1,601,286		1,078,943		465,874		56,470
<b>Less: Funds On Hand Utilized for Assessments (2)</b>			(2,104,167)	(225,515)	(1,192,268)	(97,375)	(514,806)	(11,803)	(62,401)
<b>FUNDS REQUIRED TO BE ASSESSED</b>			\$5,586,213	\$658,832	\$3,105,147	\$284,474	\$1,340,762	\$34,482	\$162,517
<b>Proposed Assessments</b>					\$49.25				
General Administration Assessments	A	Per Acre-Foot	\$8.62	\$8.62	\$40.63	\$8.62	\$40.63	\$8.62	\$40.63
Minimum Assessments		Per Producer	\$5.00	\$5.00				\$5.00	
Prior Year Assessments (Actuals)	B	Per Acre-Foot	\$7.40	\$7.40	\$42.01	\$7.40	\$42.01	\$7.40	\$42.01
	A - B		\$1.22	\$1.22	(\$1.38)		(\$0.16)		

(1) Total costs are allocated to Pools by actual production percentages. Does not include Recharge Debt Payment or Replenishment water purchases.  
 (2) Cash on Hand is June 30 fund balance (estimated) less funds required for Agricultural Pool Reserves, carryover replenishment obligations, SB 22 funds and Education funds.

For the upcoming 2011/2012 Assessment Package, staff updated the FY 2010/2011 production numbers to actual (113,426.601 acre-feet) and kept all other information the same as previously approved during the Watermaster FY 2011/2012 budget process. Please note that using the updated actual production numbers decreased the actual Proposed Assessment amount from \$49.25 per acre-foot to \$49.15 per acre-foot (See Table B).

**TABLE B**  
**CHINO BASIN WATERMASTER**  
**ASSESSMENT CALCULATION**  
**FISCAL YEAR 2011-2012**  
**INCLUDES "30% OPERATING RESERVES" AND "FUNDS ON HAND UTILIZED FOR ASSESSMENTS"**

	FY 2011-2012 BUDGET		ASSESSMENT		APPROPRIATIVE POOL		AGRICULTURAL POOL		NON-AG POOL	
	2010-2011 BUDGET	2011-2012 BUDGET								
<b>PRODUCTION BASIS</b>										
2009-10 Production & Exchanges in Acre-Feet (Actuals)			114,495,915	78,733,238	68.765%	31,854,766	27,822%	3,907,911	3.413%	
2010-11 Production & Exchanges in Acre-Feet (Actuals)			113,666,995	78,410,414	68.983%	31,342,082	27.574%	3,914,499	3.444%	
<b>BUDGET</b>										
Administration, Advisory Committee & Watermaster Board (1)	\$847,518	\$1,009,601	\$1,009,601	\$696,449		\$278,383		\$34,769		
OBMP & Implementation Projects (1)	5,133,009	5,337,622	5,337,622	3,682,029		1,471,774		183,819		
General Admin & OBMP Assessments	\$2,980,527	\$6,347,223	6,347,223	696,449	3,682,029	278,383	1,471,774	34,769	183,819	
<b>TOTAL BUDGET</b>			6,347,223	696,449	3,682,029	278,383	1,471,774	34,769	183,819	
Less Budgeted Interest Income	(175,010)	(150,010)	(150,010)							
Contributions from Outside Agencies	(148,410)	(411,000)	(411,000)	(103,481)		(41,363)		(5,166)		
<b>CASH DEMAND</b>			5,786,213	696,449	3,295,029	278,383	1,317,084	34,769	164,499	
<b>OPERATING RESERVE</b>										
Administrative (30%)	30%	302,880	\$302,881	\$208,935		\$83,515		\$10,431		
OBMP (30%)	30%	1,601,286	1,601,286	1,104,609		441,532		55,146		
<b>Less: Funds On Hand Utilized for Assessments (2)</b>		(2,104,167)	(2,104,167)	(230,880)	(1,220,629)	(92,287)	(487,908)	(11,526)	(60,938)	
<b>FUNDS REQUIRED TO BE ASSESSED</b>			\$5,586,213	\$674,504	\$1,179,008	\$269,611	\$1,270,709	\$33,674	\$158,707	
<b>Proposed Assessments</b>										
General Administration Assessments	A		Per Acre-Foot	\$8.60	\$40.54	\$8.60	\$40.54	\$8.60	\$40.54	
Minimum Assessments			Per Producer	\$5.00		\$5.00		\$5.00		
Prior Year Assessments (Actuals)	B		Per Acre-Foot	\$7.40	\$42.01	\$7.40	\$42.01	\$7.40	\$42.01	
	A - B			\$1.20	(\$1.47)	(\$0.26)				
Estimated Assessment as of "Approved" Budget July 28, 2011				\$8.62	\$40.63	\$8.62	\$40.63	\$8.62	\$40.63	

(1) Total costs are allocated to Pools by actual production percentages. Does not include Recharge Debt Payment or Replenishment water purchases.  
(2) Cash on Hand is June 30 fund balance (estimated) less funds required for Agricultural Pool Reserves, carryover replenishment obligations, SB 22 funds and Education funds.

As of June 30, 2011, based upon the Watermaster book cash balance (which assumes all checks issued had cleared the Bank of America checking account and includes the LAIF account), the ending cash balance was \$8,713,813. Subtracting the Restricted Funds allocation of \$939,337 and the 6-month operating fund provision of \$3,329,093 leaves a Funds On Hand of \$4,445,383. Providing for the 30/30 Reserve of \$1,904,166 and \$200,000 for Estimated Excess Savings equals the amount of \$2,104,166, which when subtracted from the Funds On Hand of \$4,445,383 leaves an Excess Reserve of \$2,341,217 (See Table C). This amount does include the 30/30 Reserve mentioned above and any additional funds that have accumulated as of June 30, 2011, due to savings.

TABLE C		
		June 30, 2011
BofA Checking Account		\$ 142,406
LAIF Account		\$ 7,031,766
Subtotal Cash Balances		\$ 7,174,172
AR Due From Niagara Bottling		\$ 1,539,641
Cash as of June 30, 2011	A	\$ 8,713,813
Funds Currently Allocated:		
Ag Pool		\$ (475,807)
Non-Ag Pool		\$ (282,721)
Grndwtr Replenishment Reserve		\$ (21,928)
SB 222 Funds		\$ (158,251)
Education Funds		\$ (630)
Subtotal Allocated Funds	B	\$ (939,337)
Subtotal Available Cash	A - B = C	\$ 7,774,476
6 Months Operating From Budget	D	\$ (3,329,094)
Subtotal Available Funds	C - D = E	\$ 4,445,383
30% Admin - Reserve		\$ (302,880)
30% OBMP - Reserve		\$ (1,601,286)
Subtotal 30/30 Reserve		\$ (1,904,166)
Estimated Excess Savings Per Budget		\$ (200,000)
Subtotal Reduction Available Funds	F	\$ (2,104,166)
<b>Excess Cash For Distribution</b>	<b>E - F = G</b>	<b>\$ 2,341,217</b>

**CONCLUSION**

The upcoming FY 2011/2012 Assessment Package will be brought through the Watermaster process in January 2012. Therefore, staff needs direction this month as to how to handle the reserve and the "Funds On Hand" in this Assessment Package. Should they be handled in the same manner as they were during the budget process?

In addition, some questions for discussion and consideration, now and in the future are:

1. What options are available for the Excess Reserve funds (i.e. kept by Watermaster for future emergency uses, returned to Pool Members based upon some rationale, reduce future assessments, etc.)?
2. Developing a policy would provide a uniform practice. Does Watermaster need a formal written Operating Reserve Policy?
3. Should there be a separate reserve for the purpose of purchasing Replenishment Water when there are significantly attractive opportunities?
4. How does Watermaster fund unforeseen expenditures in the future?

**Actions:**

December 8, 2011 Appropriative Pool –  
December 8, 2011 Non-Agricultural Pool –  
December 8, 2011 Agricultural Pool –  
December 15, 2011 Advisory Committee –  
December 15, 2011 Watermaster Board –





# CHINO BASIN WATERMASTER

## II. BUSINESS ITEM (App & Ag Pool)

### B. TURNER BASIN IMPROVEMENT PROJECT

## I. BUSINESS ITEM (Non-Ag Pool)

### E. TURNER BASIN IMPROVEMENT PROJECT





# 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:** December 8, 2011  
**TO:** Pool Members  
**SUBJECT:** Cost Sharing Agreement for Turner Basins/Guasti Park Recharge Improvements

### SUMMARY

**Issue** – Consider Approval of Proposed Cost Sharing Agreement between Watermaster and Inland Empire Utilities Agency (IEUA) for Planning, Design, and Construction Costs Associated with Implementation of Recharge Expansion Opportunities at Turner Basins and Guasti Regional Park.

**Recommendation** – Watermaster Staff Recommends Approval of the Cost Sharing Agreement.

**Financial Impact** – Watermaster's three year Not-to-Exceed Agreement Cost Share is \$162,236, Including an Unbudgeted \$20,000 That Is to Be Incurred During the Current 2011-12 Fiscal Year.

### BACKGROUND

As detailed in the 2010 Recharge Master Plan Update, the Turner Basins are important Chino Basin recharge facilities with about 2,350 acre-feet of total recharge attributed to them during FY 2010-11. This amounted to 29-percent of the MZ-2 stormwater recharge and 13.5-percent of the total Chino Basin stormwater recharge during the period. However, the Turner Basins/Guasti Regional Park vicinity has the potential to annually recharge much more recycled, imported and urban storm runoff.

In December 2009, the Turner/Guasti Task Force (Task Force) was established to develop an Implementation Plan for enhanced cooperative use of the Turner/Guasti site. Key components of the Plan included water conservation/recharge, education and recreation. Stakeholder participation in the Task Force included San Bernardino County Board of Supervisors, San Bernardino County Flood Control District (SBCFCD), San Bernardino County Parks (Parks), Inland Empire Utilities Agency (IEUA), Chino Basin Water Conservation District (CBWCD), the City of Ontario, the City of Rancho Cucamonga and Watermaster. The Implementation Plan was completed in August 2010 and identified that several water recharge components could provide an additional 600 acre-feet of recharge annually. The projected cost for these improvements, as identified within the attached Cost Sharing Agreement, was estimated to be

approximately \$3M. The primary cost associated with this work was for the excavation of material (approximately 80-percent). It was determined that all components of the Plan would be tabled until funding assistance opportunities became available.

In September of 2010, the City of Ontario identified the need for imported dirt as part of their Milliken Avenue Grade Separation Project. IEUA and Watermaster worked with the City of Ontario and SBCFCD to coordinate the use of the proposed Turner/Guasti site as the source of import dirt at no charge to the City of Ontario, IEUA or Watermaster. In November 2010, SBCFCD agreed to permit the project and accordingly waived all soil excavation fees associated with the project due to the alignment with the Plan. In February, 2011, IEUA and Watermaster entered into a Cost Sharing Agreement (February 2011 Agreement) for the excavation portion of this project. The February 2011 Agreement was initiated to complete the CEQA and rough grading plans required for the contractor to receive the Construction Permit from the SBCFCD. CEQA was adopted by the IEUA Board of Directors in April 2011 and excavation was initiated in July 2011. To date, over two-thirds of the identified material has been removed from the site.

Watermaster and IEUA identified that additional funds would be required to complete the final grading, construction of diversion structures and various improvements as needed to commission recharge at the site. Starting in February 2011, Watermaster and IEUA applied for three grants to fund these improvements. In September 2011, the United States Bureau of Reclamation (USBR) provided notification that they would provide \$406,712 in funding for the improvements required to commission this project.

## **DISCUSSION**

The attached Agreement was developed between Watermaster and IEUA to define the activities, costs and cost sharing methodology required to complete the work initiated at the Turner/Guasti site. The work associated with this Agreement includes environmental permitting, project design, construction and project management. The total cost of this effort is anticipated to be \$664,712 with an additional 10-percent contingency reserve of \$66,471. Of that amount, \$406,712 will be funded through USBR (approximately 60-percent grant funded). As outlined in the Agreement, and consistent with the cost sharing methodology detailed in the Peace II Agreement, the remaining project costs and local match of \$324,471 would be equally shared by Watermaster and IEUA, resulting in a Not-to-Exceed Watermaster cost of \$162,236 over a three year period (\$129,000 for portion not covered by USBR grant and up to 10-percent for project contingency).

The attached Agreement provides a schedule for payment based on the milestone activities required to meet the grant requirements. Scheduled payments for FY 2011-12 are \$20,000, FY 2012-13 are \$84,000 with the remained funds due in FY 2013-14. As the grant funding was not known during the development of FY 2011-12 budget, it was not included. These funds could be reallocated from Watermaster reserves, through a budget amendment, or other Board action.

The completion of this project is important for the following reasons: collection of grant funding made available for this project, capture otherwise lost stormwater (approximately 320 acre-feet annually), increase recycled water recharge (approximately 290 acre-feet annually) and complete the work started at the SBCFCD site. All work associated with these improvements are recharge related and do not include educational or recreational components of the Plan that will be pursued by other Task Force members.

Simplistically assuming 320 acre-feet of additional mean stormwater recharge, with a potential value of approximately \$539 per acre-foot based on the Watermaster Replenishment Rate (MWD Tier 1 plus IEUA surcharge), the Watermaster (not-to-exceed) investment cost share of \$162,236 could potentially be recovered in a single year. Furthermore, based on the low cost of implementation, this project would be implemented at a cost less than any of the Phases identified within the RMPU. Additionally, this project could potentially support Watermaster in demonstrating to the Court that unanticipated and opportunistically implemented projects should be considered as rational for reprioritization and delaying other less cost-effective projects that might have been more regimentally anticipated through previous Court Orders.

Confirmation of Watermaster support for this recharge project would allow the Interim Chief Executive Officer to commit Watermaster to this agreement and facilitate proactive staff participation in review and oversight of the project work products. Staff recommends approval of this Cost Sharing Agreement for Turner Basins/Guasti Park Recharge Improvements with IEUA.

**Actions:**

- December 8, 2011 Appropriative Pool –
- December 8, 2011 Non-Agricultural Pool –
- December 8, 2011 Agricultural Pool –
- December 15, 2011 Advisory Committee –
- December 15, 2011 Watermaster Board –

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## COST SHARING AGREEMENT

### FINAL DESIGN AND CONSTRUCTION COSTS FOR TURNER BASINS GUASTI PARK RECHARGE IMPROVEMENTS PROJECT

This Cost Sharing Agreement ("Agreement") is entered into as of December \_\_, 2011, by and between the CHINO BASIN WATERMASTER ("Watermaster") and INLAND EMPIRE UTILITIES AGENCY ("IEUA") (each a "Party" and collectively, the "Parties") for the sole purpose of establishing an allocation of costs for final design and construction services related to the Recharge Improvements Project (the "Project") at the Turner Basins/Guasti Park Site (the "Site").

#### RECITALS

WHEREAS, In January of 2002, the IEUA Board of Directors approved the Recharge Master Plan Implementation Memorandum of Agreement (known as the "Four Party Agreement") between IEUA, Watermaster, Chino Basin Water Conservation District, and San Bernardino County Flood Control District. Members of these four agencies formed a Groundwater Recharge Coordinating Committee to implement a program to improve recharge entitled the Chino Basin Facilities Improvement Project (CBFIP). Watermaster and IEUA have served as the lead agencies for funding of the program and IEUA has served as the lead agency for design, construction, operation and maintenance of the facilities; and,

WHEREAS, in 2002, a grant of Proposition 13 funds was given to IEUA to fund implementation of CBFIP Phase I. Phase I involved a total cost of approximately \$40 million. One half of this project cost was paid through grant funds, and the remaining local share was split evenly between IEUA and Watermaster. Phase I of the CBFIP involved construction of recharge improvements at 18 locations, including existing flood control basins which were modified to also provide water conservation services. Construction of Turner Basins 1, 2, 3 and 4 was among the original 18 CBFIP Phase I sites; and,

WHEREAS, In January 2005, IEUA received a \$5.25 million, Proposition 13 Groundwater Recharge and Storage Programs, Department of Water Resources grant, and Watermaster agreed to pay one-half of the required local cost share. The resulting CBFIP Phase II recharge program included automation improvements at the Turner Basin site; and,

WHEREAS, on October 25, 2007, the Peace II Agreement was finalized including provisions to prepare a Recharge Master Plan Update. The Peace II Agreement established principles for apportioning costs incurred in the design, permitting operation and maintenance of recharge improvements. It states that, "Mutually approved capital improvements for recharge basins that do or can receive recycled water constructed pursuant to the Court approved Recharge Master Plan will be financed through the use of third party grants and contributions if available, with any remaining unfunded balance being apportioned 50 percent each to IEUA and Watermaster;" and,

WHEREAS, the 2010 Recharge Master Plan Update identified the Turner Basin Site for improvements and an opportunity was developed to increase annual recharge by nearly 600 acre feet through expansion of the combined basin operational storage capacity and reconfiguration of the diversion structures or inlets; and,

WHEREAS, in August of 2010, the Turner Basins and Guasti Park Implementation Work Plan was developed by IEUA working with representatives from Watermaster, San Bernardino County Flood Control District, Chino Basin Water Conservation District, San Bernardino County Regional Parks, the San Bernardino County Board of Supervisors, and the Cities of Ontario and Rancho Cucamonga. This Work Plan identified potential recycled and storm water recharge improvements at the Site. The plan also identified potential sources of grant funding for the improvements; and,

WHEREAS, in September of 2010, an opportunity was identified to excavate borrow pits to supply materials needed for the City of Ontario Milliken Avenue Grade Separation Project, while also creating additional potential recharge storage capacity. Through the February 24, 2011 Cost Sharing Agreement the Parties agreed to support preparation of the CEQA and rough grading plan documentation necessary to remove and transport these materials. The rough grading plans were provided to the grading contractor on March 15, 2011, the IEUA Board of Directors adopted the CEQA documentation on April 21, 2011, and excavation of the Site is now estimated to be 65 percent complete. While the Parties agreed to equally share the expense for these services, up to \$55,360, actual expenses to date are \$35,539; and,

WHEREAS, the fifth paragraph of the February 24, 2011 Agreement asserted that there would be "Additional Construction Costs" necessary to support the improvements on the Site, such as basin floor access roads, ripping and final grading, drainage chutes, diversion and flow control structures, staff gages, SCADA, and landscaping. The Agreement further asserted that these costs would be budgeted and paid for by the Parties through their normal capital budget processes and would be identified in a separate agreement. Accordingly, this Cost-Sharing Agreement identifies those additional recharge improvement costs; and,

WHEREAS, the Project costs associated with this Agreement includes expenditures for final design of the Site improvements, preparation of CEQA documents for the improvements, negotiated applications for basin construction and operation permits, award of a construction contract, and construction management services, based on the following anticipated Project schedule and estimated costs for each period; and,

Time Period	Milestones/Activities	Estimated Cost
10/1/11—1/31/12	Environmental Consultant Contract Award, Design Contract Award, Preliminary (10%) Design	\$15,000
2/1/12—6/30/12	Adopt CEQA Document, Obtain Environmental Permits, 30% Design	\$87,200
7/1/12—12/31/12	100% Design, Construction Contract Award, Start of Construction	\$178,600
12/31/12—9/30/13	Construction, Construction Management	\$378,800
10/1/13—12/31/13	Start-up, Required Monitoring & Reporting	\$5,112
	Total:	\$664,712

WHEREAS, in June of 2011, IEUA applied for Project support from the Bureau of Reclamation (the "Bureau") and the Bureau agreed to provide \$406,712 in grant money while the remaining costs, estimated at \$258,000, form the local agency match share; and,

WHEREAS, the Parties enter into this Agreement to establish the administrative method for sharing those Additional Construction Costs, not paid with grant money.

### COVENANTS

NOW, THEREFORE, the following mutual promises and obligations, set forth herein, are agreed to as follows:

1. Construction Costs. The Additional Construction Costs for completion of the proposed Turner Basin/Guasti Park Recharge Improvements Project are estimated at \$664,712, of which IEUA will make \$406,712 of Bureau grant money available.
2. Cost Allocation. Watermaster's share of the Additional Construction Costs shall be one half of the total cost that is not paid with Grant Money. Based on an estimated total cost of \$664,712, and \$406,712 paid with Grant Money, the remaining cost of \$258,000, plus \$66,471 (10% contingency), shall be shared equally by the Parties.
3. Maximum Allowable Cost. The Parties agree to pay their portion of the total Project costs, which shall not exceed \$324,471 ("Maximum Allowable Cost"). This amount includes the estimated Additional Construction Costs of \$258,000 that are not reimbursable with Grant Money and \$66,471 (10% contingency) to cover any unanticipated Project-related expenditures. Contingency related activities will not be initiated without prior written concurrence by both Parties.
4. Maximum Cost to Watermaster. The Parties agree to equally share all costs, up to the Maximum Allowable Cost. The costs to be borne by Watermaster under this Agreement shall not exceed fifty percent of the Maximum Allowable Cost, or \$162,236.
5. Payment of Costs. Watermaster shall reimburse IEUA for Watermaster's share of the incurred Additional Construction Costs, based on the following schedule:
  - a. End of December 2011: \$3,000
  - b. End of June 2012: \$17,000
  - c. End of December 2012: \$35,000
  - d. End of June 2013: \$49,000
  - e. End of December 2013: Remainder (not to exceed \$162,236.)

IEUA shall invoice Watermaster for Watermaster's share of the Additional Construction Costs within 30 days of the end of each period (a. through e. above). Watermaster shall make reimbursement payments within 45 days of receipt of IEUA's written invoice.

6. Notice and Communication. Any notice under this Agreement shall be deemed sufficient if given by one Party to the other in writing and either: delivered in person; transmitted by electronic mail or facsimile (with acknowledgment of receipt provided by the receiving party); or deposited in the United States mail in a sealed envelope, certified and with postage and postal charges prepaid; and addressed as follows:



If to Watermaster: Chino Basin Watermaster  
Attention: Gerald Greene  
9641 San Bernardino Road  
Rancho Cucamonga, CA 91730

If to IEUA: Inland Empire Utilities Agency  
Attention: Chris Berch  
PO Box 9020  
Chino Hills, CA 91709

**IN WITNESS WHEREOF**, the Parties have executed this Agreement effective as of the date set forth above.

INLAND EMPIRE UTILITIES AGENCY

CHINO BASIN WATERMASTER

By: \_\_\_\_\_  
Thomas A. Love  
General Manager

By: \_\_\_\_\_  
Danielle Maurizio  
Interim Chief Executive Officer



# CHINO BASIN WATERMASTER

## II. BUSINESS ITEM (App & Ag Pool)

C. ANNUAL FINDING WITH  
COMPLIANCE OF UPDATED  
RECHARGE MASTER PLAN

## I. BUSINESS ITEM (Non-Ag Pool)

F. ANNUAL FINDING WITH  
COMPLIANCE OF UPDATED  
RECHARGE MASTER PLAN





# 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:** December 8, 2011  
**TO:** Pool Members  
**SUBJECT:** Annual Finding of Substantial Compliance with the 2010 Recharge Master Plan Update

### SUMMARY

**Recommendation** – That the Pools Recommend That the Board Adopt the Finding in the Wildermuth Report that Watermaster is in Substantial Compliance with the 2010 Recharge Master Plan Update.

### BACKGROUND

During the period of 2008-2010, Watermaster, in collaboration with the Inland Empire Utilities Agency (IEUA) and Chino Basin Water Conservation District (CBWCD), completed the 2010 Recharge Master Plan Update (RMPU). The RMPU was submitted to the Court in June 2010, and the Court subsequently approved the 2010 RMPU in October 2010. Pursuant to the Peace II Agreement, Watermaster is now obligated to make an annual finding that it is in substantial compliance with the 2010 RMPU. Wildermuth Environmental, Inc. (WEI) prepared the attached opinion regarding the adequacy of replenishment capacity, which includes the information that Watermaster needs to make this finding for Fiscal Year 2011-2012.

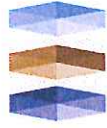
### DISCUSSION

WEI's analysis finds that current projections indicate that Watermaster has enough "wet-water" recharge capacity to meet the future replenishment obligations identified in the 2010 RMPU. Current analysis indicates that if re-operation were terminated at any time through 2030, Watermaster would be able to immediately increase its replenishment activity and maintain the hydrologic balance in the Basin as required by the Judgment. While there is not a replenishment capacity issue, there is a balance of recharge and discharge issue, particularly in the JCSD area.

In addition, in November 2011, Watermaster committed to a process to implement a preemptive replenishment program that would involve the acquisition and recharge of supplemental water in advance of incurring replenishment obligations and storing that water until future replenishment obligations occur. Preemptive replenishment is a complementary management tool that will further enhance Watermaster's ability to meet its future replenishment obligations.

**Actions:**

- December 8, 2011 Appropriative Pool –
- December 8, 2011 Non-Agricultural Pool –
- December 8, 2011 Agricultural Pool –
- December 15, 2011 Advisory Committee –
- December 15, 2011 Watermaster Board –



December 1, 2011

Chino Basin Watermaster  
Ms. Danielle Maurizio  
9641 San Bernardino Road  
Rancho Cucamonga, CA 91730

**Subject: *Annual Finding of Adequate Replenishment Capacity***

Dear Ms. Maurizio,

At your direction, and pursuant to the Peace II Agreement, Wildermuth Environmental, Inc. (WEI) has prepared this opinion regarding the adequacy of replenishment capacity.

In part, Section 7.3 of the Peace II Agreement reads:

“Re-Operation and Watermaster’s apportionment of controlled overdraft will not be suspended in the event that Hydraulic Control is achieved in any year *before* the full 400,000 acre-feet has been produced so long as: [...] and (ii) Watermaster is in substantial compliance with a Court approved Recharge Master Plan as set forth in Paragraph 8.1 below.”

Review of Section 8.1 of the Peace II Agreement clearly indicates that this compliance relates to the implementation of plans to ensure that Watermaster has enough supplemental water recharge capacity to meet its replenishment obligation after re-operation water is completely exhausted. Section 8.3 of the Peace II Agreement is more precise and states:

“To ameliorate any long-term risks attributable to reliance upon un-replenished groundwater production by the Desalters, the annual availability of any portion of the 400,000 acre-ft set aside as controlled overdraft as a component of the Physical Solution, is expressly subject to Watermaster making an annual finding about whether it is in substantial compliance with the revised Watermaster Recharge Master Plan pursuant to Paragraphs 7.3 and 8.1 above.”

Pursuant to the Peace II Agreement, Watermaster is obligated, after the completion of the 2010 Recharge Master Plan Update (RMPU), to make an annual finding that it has enough supplemental water recharge capacity to meet its replenishment obligations. This letter report includes the information that Watermaster needs to make this finding for fiscal 2011-12.

During the period of 2008-2010, Watermaster, in collaboration with the Inland Empire Utilities Agency (IEUA) and Chino Basin Water Conservation District (CBWCD), completed the 2010 RMPU, which was submitted to the Court in June 2010. The 2010 RMPU was developed in an open and intense stakeholder process. The Court subsequently approved the 2010 RMPU in October 2010. Section 7.4 of the 2010 RMPU Final Report concludes:

"No new recharge facilities will be required to meet Watermaster's replenishment obligations through the planning period, provided that the Riverside Corona Feeder is completed within the next ten years."<sup>1</sup>

Watermaster has enough "wet-water" recharge capacity to meet the future replenishment requirements identified in the 2010 RMPU. The qualification of this finding, as to the Riverside Corona Feeder, was an acknowledgment that a new source of supply may be required for the Jurupa Community Services District (JCSD) such that the JCSD can reduce its net groundwater pumping to a sustainable level.<sup>2</sup> Groundwater modeling, completed in 2007 and 2009 to evaluate the groundwater basin response to the implementation of the Peace II project description, suggested future declines in groundwater levels in the JCSD well field. Given the model projections and recent observed declines in groundwater levels in the JCSD well field area, the JCSD may have some challenges producing enough groundwater from its wells to meet its future water demands. The 2010 RMPU identified a project to potentially mitigate this excessive drawdown whereby future replenishment deliveries would be provided to the JCSD for direct use, allowing the JCSD to reduce groundwater production. Since the release of the 2010 RMPU, other alternatives to the Riverside Corona Feeder and the use of replenishment water have been identified; these alternatives would be less expensive and could be implemented faster.

The groundwater production and replenishment projections used to evaluate the existing supplemental water recharge capacity in the 2010 RMPU were developed in 2008 and 2009 and are significantly greater than the projections currently being developed by Watermaster. Groundwater production and replenishment projections are currently being updated by Watermaster pursuant to a recommendation in the 2010 RMPU and the October 8, 2010 Court Order approving the 2010 RMPU. These updated replenishment projections clearly show that the future replenishment obligation will be substantially less than that anticipated by the 2010 RMPU. The reasons for the decline in future replenishment obligations are state-mandated conservation requirements and the changing economics of groundwater production. As to the latter, some producers have determined that it is more economical to use more imported water directly than to overproduce and incur replenishment costs.

The supplemental water recharge capacity in the Chino Basin, based on existing spreading basins and injection wells, was estimated to be about 88,700 acre-ft/yr in the 2010 RMPU. With existing in-lieu recharge capabilities, the supplemental water recharge capacity ranges between about 113,700 to 128,700 acre-ft/yr. Since the completion of the 2010 RMPU, there have been no changes at the existing recharge facilities that would indicate supplemental water recharge capacity has decreased.<sup>3</sup>

The Metropolitan Water District of Southern California (Metropolitan) provides imported water to the Chino Basin area through the IEUA. In its 2010 Integrated Regional Plan (IRP) Update, Metropolitan indicated that it will have enough water to meet all of the supplemental water requirements within its service area through 2035, provided that it implements the programs described in the 2010 IRP Update. The Watermaster parties can also import non-State Water Project water into the Chino Basin area, if Metropolitan fails to provide enough imported water for replenishment.

<sup>1</sup> See page 7-4 of the 2010 Recharge Master Plan Update.

<sup>2</sup> To be clear, this is not a replenishment capacity issue. This is a balance of recharge and discharge issue. The JCSD has constructed several wells in a relatively small area. The combination of the close proximity of these wells and regional changes in groundwater levels may cause excessive groundwater level declines in some of the JCSD wells. The Riverside Corona Feeder is one of several potential projects that could provide water to the JCSD to enable them to reduce their groundwater production.

<sup>3</sup> Personal conversation with Andy Campbell of IEUA, November 2011

Based on our knowledge of the conditions in fiscal year 2011-12, Watermaster's ability to recharge the Basin with supplemental water to mitigate future overproduction is sufficient to meet expected future replenishment obligations. If re-operation were discontinued at any time through 2030, Watermaster would be able to immediately increase its replenishment activity and maintain the hydrologic balance in the Basin required by the Judgment.

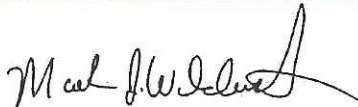
Moreover, in November 2011, Watermaster committed to engage in a process to develop a pre-emptive replenishment program that would involve the acquisition and recharge of supplemental water in advance of incurring replenishment obligations and storing that water until future replenishment obligations occur. Pre-emptive replenishment is a complementary management tool that will further enhance Watermaster's ability to meet its future replenishment requirements.

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Please contact me if you have any questions or concerns regarding this opinion.

Very truly yours,

Wildermuth Environmental, Inc.



Mark J. Wildermuth, PE  
President

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# CHINO BASIN WATERMASTER

## II. BUSINESS ITEM (App & Ag Pool)

D. WEST VENTURE DEVELOPMENT WATER RIGHTS

## I. BUSINESS ITEM (Non-Ag Pool)

G. WEST VENTURE DEVELOPMENT WATER RIGHTS





# 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:** December 8, 2011  
**TO:** Pool Members  
**SUBJECT:** Re-Allocation of West Venture Development Company's Safe Yield

### SUMMARY

**Issue** – The Non-Agricultural Pool Has Requested that West Venture Development's Safe Yield of 15.657 Acre-Feet Be Re-Allocated to the Current Parties of the Non-Agricultural Pool Pro-Rata to Their Respective Safe Yield.

**Recommendation** – Proceed with Re-Allocation of West Venture Development Company's Safe Yield of 15.657 Acre-Feet to the Current Parties of the Non-Agricultural Pool Pro-Rata to Their Respective Safe Yield, with Notice to the Property Owners, That Purchased the Property to Give Them an Opportunity to Object, and Then Ultimately Proceeding with Direction from the Court.

**Financial Impact** – Legal Expenses Associated with the Court.

### BACKGROUND

Red Star Fertilizer was an original Non-Agricultural Pool Party to the Judgment with 15.657 acre-feet of safe yield in 1978. Red Star Fertilizer was acquired by Anaheim Citrus who was subsequently acquired by West Venture Development Company in 1987. West Venture Development subdivided the land into approximately 33 lots and subsequently sold those lots in the following years. Upon completion of the subdivision improvements and sale of the lots, West Venture Development capped the well on that site, ceased operations, and abandoned its rights to production in Fiscal Year 1991/1992. Copies of the abandonment correspondence are attached.

### DISCUSSION

The Non-Agricultural Pool has requested that West Venture Development's Safe Yield of 15.657 acre-feet be re-allocated to the current parties of the Non-Agricultural Pool pro-rata to their respective safe yield. The following table demonstrates the re-allocation of West Venture Development's Safe Yield right following that method. Staff recommends proceeding with re-allocation of West Venture Development Company's Safe Yield of 15.657 acre-feet to the current Parties of the Non-Agricultural Pool pro-rata to their respective Safe Yield, with Notice to the property owners that purchased the property to give them an opportunity to object, and then ultimately proceeding with direction from the Court.

**NON-AGRICULTURAL POOL RIGHTS  
 (Acre-Feet)**

Non-Agricultural Party	Share of Safe Yield as of June 30, 2011	Percent of Safe Yield as of June 30, 2011	Re-Allocated Share of West Venture's Safe Yield	Re-Allocated Share of Safe Yield as of November 17, 2011
Ameron Steel Producers, Inc.	97.858	1.331%	0.208	98.066
Angelica Rental Service	18.789	0.256%	0.040	18.829
Aqua Capital Management	948.118	12.899%	2.020	950.138
Auto Club Speedway	1,000.000	13.605%	2.130	1,002.130
California Steel Industries	1,300.000	17.686%	2.769	1,302.769
CCG Ontario LLC	-	0.000%	-	-
County of San Bernardino (Airport)	133.870	1.821%	0.285	134.155
General Electric Company	-	0.000%	-	-
GenOn West, LP	954.540	12.986%	2.033	956.573
Kaiser Steel Corporation	-	0.000%	-	-
KCO, LLC/The Koll Company	-	0.000%	-	-
Loving Savior of the Hills Lutheran Church	-	0.000%	-	-
Ontario City Non-Ag	2,327.807	31.669%	4.958	2,332.765
Praxair	1.000	0.014%	0.002	1.002
Quaker Chemical Company	-	0.000%	-	-
San Antonio Winery	-	0.000%	-	-
Southern California Edison Co.	-	0.000%	-	-
Space Center, Mira Loma	104.121	1.417%	0.222	104.343
Sunkist Growers, Inc.	-	0.000%	-	-
Swan Lake Mobile Home Park	464.240	6.316%	0.989	465.229
Vulcan Materials Company	-	0.000%	-	-
West Venture Development Co.	-	0.000%	-	-
<b>Total</b>	<b>7,350.343</b>	<b>100.000%</b>	<b>15.657</b>	<b>7,366.000</b>

**ACTIONS:**

- December 8, 2011 Appropriative Pool –
- December 8, 2011 Non-Agricultural Pool –
- December 8, 2011 Agricultural Pool –
- December 15, 2011 Advisory Committee –
- December 15, 2011 Watermaster Board –

WATERMASTER

DWIGHT F. FRENCH, Chairman  
GEORGE A. BORBA, Vice-Chairman  
JOHN L. ANDERSON, Secretary/Treasurer  
ANNE W. DUNIHUE, Member  
BILL HILL, Member



DONALD R. PETERS, Chief  
Watermaster Services

Telephone (714) 987-1712



July 30, 1991

Mr. Jim Sorensen, President  
West Venture Development  
6345 Balboa Boulevard, #225  
Encino, CA 91316-1501

**SUBJECT: ABANDON PUMPING RIGHTS**

Dear Mr. Sorensen:

This letter will confirm our telephone conversation this date regarding subject. As we discussed, you indicated that West Venture Development Company has no further use of its 15.657 acre feet of annual shares of safe yield in as much as a home has been constructed over the well site, and as such, are willing to abandon these rights for distribution to the remaining members of the Overlying (Non-Agricultural) Pool.

Therefore, to this end, please execute this letter on the space provided and return the original letter using the envelope provided.

Sincerely,

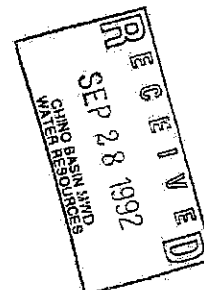
Donald R. Peters, Chief  
Watermaster Services

DRP/ces

I hereby abandon my pumping rights of 15.657 acre feet of shares of allocated, safe yield to be re-allocated to the remaining Pool members in proportion to their decreed rights.

West Venture Development

by   
Mr. Jim Sorensen, President



September 25, 1992

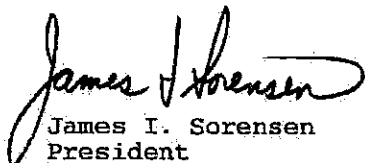
Mr. Edwin James  
Chief of Water Master Services  
P.O. Box 697  
Rancho Cucamonga, California 91729

Re: Recorded Well #600240

Dear Mr. James:

The subject well and the attached water rights have been abandoned.

Yours truly,

  
James I. Sorensen  
President

JIS/jt

10-09-1992 16:31

8183440153

WEST VENTURE

P.02



*Watermaster*

October 9, 1992

Mr. Edwin D. James  
Water Resources Director  
Chino Basin Municipal Water District  
8555 Archibald Avenue  
P.O. Box 697  
Rancho Cucamonga, CA 91730-0697

Re: Chino Basin Overlying Water Rights

Dear Mr. James:

By prior letter I evidenced the intent of West Venture to abandon its overlying water rights in Chino Basin. After a review of the facts relevant to the ownership of those water rights by the company I must amend the prior letter.

West Venture acquired 8.44 acres from Anaheim Citrus Products in 1987. I am advised that this property was apparently owned by the Red Star Fertilizer some time prior to the ownership of Anaheim Citrus Products. I understand that Red Star Fertilizer was one of the parties to the 1978 Judgment in the case of Chino Basin Municipal Water District v. City of Chino, et al. - Case number 164327 (1978). As such some part of 15.657 acre feet of water was made appurtenant to the 8.44 acres of overlying land and was made non-assignable and non-severable from that land.

West Venture subdivided the land into approximately 33 lots and subsequently sold all of those lots in the ensuing years. West Venture capped the well on the 8.44 acres.

Consequently, West Venture abandoned any interest it may have had or now has to the appurtenant overlying water rights. The company will cooperate with the district in any formal steps which must be taken to effectuate this abandonment. However, in view of the fact that the overlying water rights are appurtenant to the lots sold to others, this agreement by the company should not be read in any way as adversely impacting the rights of those lot purchasers.

10-09-1992 16:32

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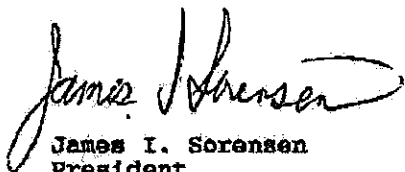
WEST VENTURE

P.03

Mr. Edwin James  
October 9, 1992  
Page 2

Therefore, the company specifically requests that any abandonment of the overlying water rights of the lot owners only occur in accordance with an order of the court in an appropriate proceeding commenced by the district in which the company incurs no obligation to participate and no liability to the purchasers of the lots.

Very truly yours,



James I. Sorensen  
President

JIS/jt



# CHINO BASIN WATERMASTER

## II. BUSINESS ITEM (App & Ag Pool)

E. MAILING OF ARCHIBALD SOUTH  
PLUME WATER QUALITY RESULTS

### I. BUSINESS ITEM (Non-Ag Pool)

H. MAILING OF ARCHIBALD SOUTH  
PLUME WATER QUALITY RESULTS







# 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:** December 8, 2011  
**TO:** Pool Members  
**SUBJECT:** Mailing of Archibald South Plume Water Quality Results

### SUMMARY

**Issue** – Watermaster Staff Has Been Sampling Wells and Taps in the Vicinity of the Archibald South Plume. Several of the Owners and/or Users of Those Wells and Taps Have Asked to Receive Water Quality Results from These Sampling Events.

**Recommendation** – Watermaster Staff Is Seeking Direction from the Agricultural Pool as to How to Deliver the Results.

**Financial Impact** – None.

### BACKGROUND

Beginning in August 2011, Watermaster Staff began collecting water quality samples from wells and kitchen taps in the vicinity of the Archibald South Plume. To date, 22 wells and 41 kitchen taps have been sampled. Each sample is analyzed for 107 different water quality constituents, including trichloroethylene (TCE) and hexavalent chromium. An approximate total of 10 more wells and taps remain to be sampled if access issues can be overcome. A representative from ABGL has concurrently obtained water quality samples from the tap sites and analyzed for TCE only. This special water quality sampling was performed at the request of the Agricultural Pool, and was a budgeted item this fiscal year.

### DISCUSSION

Staff is seeking direction from the Agricultural Pool as to how to deliver these water quality results. Some of the issues are:

1. Should the results be delivered to only those who specifically ask, or to all wells and taps that were sampled?
2. Should the results be sent to solely the owners, or to users as well?
3. Should all constituents be provided, or only certain constituents (possibly those that exceed the MCLs)?

**ACTIONS:**

- December 8, 2011 Appropriative Pool –
- December 8, 2011 Non-Agricultural Pool –
- December 8, 2011 Agricultural Pool –
- December 15, 2011 Advisory Committee –
- December 15, 2011 Watermaster Board –



# CHINO BASIN WATERMASTER

## III. REPORTS/UPDATES (App & Ag Pool)

### C. CEO/STAFF REPORT

4. Notice of Availability of Non-Agricultural Pool Water

## II. REPORTS/UPDATES (Non-Ag Pool)

### C. CEO/STAFF REPORT

4. Notice of Availability of Non-Agricultural Pool Water





## 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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### NOTICE OF AVAILABILITY

December 8, 2011

Pursuant to Judgment Exhibit "G," By December 31<sup>st</sup> of each year, the members of the Overlying (Non-Agricultural) Pool shall notify Watermaster of the amount of water each member shall make available in their individual discretion for purchase by the Appropriators.

By January 31<sup>st</sup> of each year, Watermaster shall provide a Notice of Availability of each Appropriator's pro-rata share of such water.

If water is going to be made available please contact Danni Maurizio at [dmaurizio@cbwm.org](mailto:dmaurizio@cbwm.org) by December 31, 2011.

#### ***Exhibit "G" Paragraph 9(d)***

*Watermaster will purchase the surplus water made available by the Overlying (Non-Agricultural) Pool water on behalf of the members of the Appropriative Pool on an annual basis at 92% of the then-prevailing "MWD Replenishment Rate."*

Current Metropolitan Water District replenishment rate is \$409 per acre-foot.

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# CHINO BASIN WATERMASTER

## IV. INFORMATION (App & Ag Pool)

4. Cash Disbursements for November 2011

## III. INFORMATION (Non-Ag Pool)

5. Cash Disbursements for November 2011



CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
November 2011

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	11/07/2011	15537	INLAND EMPIRE UTILITIES AGENCY	90008537	1012 · Bank of America Gen'l Ckg	
Bill	09/30/2011	90008537		90008537	8456 · IEUA Readiness To Serve	552.90
				90008537	5011 · Replenishment Water	1,225,134.52
TOTAL						1,225,687.42
Bill Pmt -Check	11/09/2011	15538	ACWA	643	1012 · Bank of America Gen'l Ckg	
Bill	10/31/2011	643		2012 Agency Dues	1433 · Prepaid Membership Dues	14,370.00
TOTAL						14,370.00
Bill Pmt -Check	11/09/2011	15539	APPLIED COMPUTER TECHNOLOGIES	2032	1012 · Bank of America Gen'l Ckg	
Bill	10/31/2011	2032		Database Services - October 2011	6052.2 · Applied Computer Technol	2,415.00
TOTAL						2,415.00
Bill Pmt -Check	11/09/2011	15540	ARROWHEAD MOUNTAIN SPRING WATER	0023230253	1012 · Bank of America Gen'l Ckg	
Bill	10/31/2011	0023230253		Office Water Bottle - October 2011	6031.7 · Other Office Supplies	26.69
TOTAL						26.69
Bill Pmt -Check	11/09/2011	15541	BOWCOCK, ROBERT	10/20/11 Advisory Committee Meeting	1012 · Bank of America Gen'l Ckg	
Bill	10/20/2011	10/20 Advisory Comm		10/20/11 Advisory Committee Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	11/09/2011	15542	CHINO HILLS, CITY OF*	2	1012 · Bank of America Gen'l Ckg	
Bill	10/31/2011	2		Grd Level-Contract Svcs	7107.6 · Grd Level-Contract Svcs	4,669.50
TOTAL						4,669.50
Bill Pmt -Check	11/09/2011	15543	DIRECTV	019447404	1012 · Bank of America Gen'l Ckg	
Bill	10/31/2011	019447404		Monthly Service for 10/19/11-11/18/11	6031.7 · Other Office Supplies	86.99
TOTAL						86.99
Bill Pmt -Check	11/09/2011	15544	HAUGHEY, TOM	10/27/2011 Board Meeting	1012 · Bank of America Gen'l Ckg	
Bill	10/27/2011	10/27 Board Mtg		10/27/11 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	11/09/2011	15545	HOGAN LOVELLS	2621508	1012 · Bank of America Gen'l Ckg	
Bill	10/31/2011	2621508		Non-Ag Legal Services - September 2011	8567 · Non-Ag Legal Service	8,154.20
TOTAL						8,154.20
Bill Pmt -Check	11/09/2011	15546	KUHN, BOB	10/05/11 Administrative Meeting	1012 · Bank of America Gen'l Ckg	
Bill	10/05/2011	10/05 Admin Mtg		10/12/11 Administrative Meeting	6311 · Board Member Compensation	125.00
Bill	10/12/2011	10/12 Admin Mtg		10/19/11 Administrative Meeting	6311 · Board Member Compensation	125.00
Bill	10/19/2011	10/19 Admin Mtg		10/20/11 Advisory Committee Meeting	6311 · Board Member Compensation	125.00
Bill	10/20/2011	10/20 Advisory Comm		10/26/11 Administrative Meeting	6311 · Board Member Compensation	125.00
Bill	10/26/2011	10/26 Admin Mtg		10/27/11 Board Meeting	6311 · Board Member Compensation	125.00
Bill	10/27/2011	10/27 Board Mtg				125.00
TOTAL						125.00

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
November 2011

Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAL						750.00
Bill Pmt -Check	11/09/2011	15547	LANTZ, PAULA	10/27/11 Board Meeting	1012 - Bank of America Gen'l Ckg	125.00
Bill	10/27/2011	10/27 Board Mtg		10/27/11 Board Meeting	6311 - Board Member Compensation	125.00
TOTAL						250.00
Bill Pmt -Check	11/09/2011	15548	NORDBAK'S PROMOTIONAL PRODUCTS	102111	1012 - Bank of America Gen'l Ckg	68.59
Bill	10/31/2011	102111		Watermaster logo jacket for staff member	6154 - Uniforms	68.59
TOTAL						137.18
Bill Pmt -Check	11/09/2011	15549	PARK PLACE COMPUTER SOLUTIONS, INC.	456	1012 - Bank of America Gen'l Ckg	2,700.00
Bill	10/31/2011	456		IT Services - October 2011	6052.1 - Park Place Comp Solutn	2,700.00
TOTAL						2,700.00
Bill Pmt -Check	11/09/2011	15550	PAYCHEX	2011102700	1012 - Bank of America Gen'l Ckg	252.02
Bill	10/31/2011	2011102700		Payroll Processing Services - October 2011	6012 - Payroll Services	252.02
TOTAL						252.02
Bill Pmt -Check	11/09/2011	15551	PURCHASE POWER	8000909000168851	1012 - Bank of America Gen'l Ckg	35.86
Bill	10/31/2011	8000909000168851		Check for audit software- ACOPEB Software	6062 - Audit Services	35.86
				Check to WE Inc #15450	6042 - Postage - General	20.55
				Letters to potentially affected parties re desaller	7306 - PE335-Other Expense	564.50
				Check #15440 to IEUA	6042 - Postage - General	23.70
TOTAL						644.61
Bill Pmt -Check	11/09/2011	15552	STANDARD INSURANCE CO.	Policy # 00-640888-0009	1012 - Bank of America Gen'l Ckg	525.66
Bill	10/31/2011	006408880009		Insurance Premium-Policy # 00-640888-0009	60191 - Life & Disab.Ins Benefits	525.66
TOTAL						525.66
Bill Pmt -Check	11/09/2011	15553	UNITED HEALTHCARE	C0025643051	1012 - Bank of America Gen'l Ckg	355.62
Bill	10/31/2011	C0025643051		Dental Premium - October 2011	60182.2 - Dental & Vision Ins	355.62
TOTAL						355.62
Bill Pmt -Check	11/09/2011	15554	VANDEN HEUVEL, GEOFFREY	6311	1012 - Bank of America Gen'l Ckg	125.00
Bill	10/13/2011	10/13 Ag Pool Mtg		10/13/11 Ag Pool Meeting	6311 - Board Member Compensation	125.00
Bill	10/27/2011	10/27 Board Mtg		10/27/11 Board Meeting	6311 - Board Member Compensation	125.00
Bill	10/28/2011	10/28 Court Hearing		10/28/11 Court Hearing	6311 - Board Member Compensation	125.00
TOTAL						375.00
General Journal	11/12/2011	11/12/2011	Payroll and Taxes for 10/30/11-11/12/11	Payroll and Taxes for 10/30/11-11/12/11	1012 - Bank of America Gen'l Ckg	11,878.00
				Payroll Taxes for 10/30/11-11/12/11	1012 - Bank of America Gen'l Ckg	42,560.57
				Direct Deposits for 10/30/11-11/12/11	1012 - Bank of America Gen'l Ckg	54,438.57
TOTAL						111,877.14
Bill Pmt -Check	11/15/2011	15555	ACWA SERVICES CORPORATION	00198	1012 - Bank of America Gen'l Ckg	

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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	11/09/2011	00198		Prepayment - December 2011	1409 - Prepaid Life, BADSD & LTD	136.40
				Insurance Premium - November 2011	60191 - Life & Disab. Ins Benefits	121.73
<b>TOTAL</b>						<b>258.13</b>
<b>Bill Pmt -Check</b>	11/15/2011	15566	CITISTREET	Payroll and Taxes for 10/16/11-10/29/11	1012 - Bank of America Gen'l Ckg	2,805.62
General Journal	10/29/2011	10/29/2011	CITISTREET	457 Deferred Comp for 10/16/11-10/29/11	2000 - Accounts Payable	2,805.62
<b>TOTAL</b>						<b>5,611.24</b>
<b>Bill Pmt -Check</b>	11/15/2011	15567	CORELOGIC INFORMATION SOLUTIONS	80337952	1012 - Bank of America Gen'l Ckg	62.50
Bill	10/31/2011	80337952		80337952	7103.7 - Grdwtr Qual-Computer Svc	62.50
				80337952	7101.4 - Prod Monitor-Computer	125.00
<b>TOTAL</b>						<b>250.00</b>
<b>Bill Pmt -Check</b>	11/15/2011	15568	DC LAW	15289	1012 - Bank of America Gen'l Ckg	227.50
Bill	10/31/2011	15289		Ag Pool Legal Services	8467 - Ag Legal & Technical Services	227.50
<b>TOTAL</b>						<b>227.50</b>
<b>Bill Pmt -Check</b>	11/15/2011	15569	GREAT AMERICA LEASING CORP.	11520233	1012 - Bank of America Gen'l Ckg	2,788.53
Bill	10/31/2011	11520233		Monthly Lease	6043.1 - Ricoh Lease Fee	354.29
				Usage for Black Copies	6043.2 - Ricoh Usage & Maintenance Fee	1,011.82
				Usage for Color Copies	6043.2 - Ricoh Usage & Maintenance Fee	4,154.64
<b>TOTAL</b>						<b>8,308.28</b>
<b>Bill Pmt -Check</b>	11/15/2011	15560	GUARANTEED JANITORIAL SERVICE, INC.	28755	1012 - Bank of America Gen'l Ckg	865.00
Bill	11/01/2011	28755		Service - November 2011	6024 - Building Repair & Maintenance	865.00
<b>TOTAL</b>						<b>865.00</b>
<b>Bill Pmt -Check</b>	11/15/2011	15561	HSBC BUSINESS SOLUTIONS	7003-7309-1000-2744	1012 - Bank of America Gen'l Ckg	620.44
Bill	10/31/2011	7003730910002744		Miscellaneous office supplies	6031.7 - Other Office Supplies	620.44
<b>TOTAL</b>						<b>620.44</b>
<b>Bill Pmt -Check</b>	11/15/2011	15562	IAAP	93902097	1012 - Bank of America Gen'l Ckg	128.00
Bill	11/02/2011	93902097		Annual dues for J. Wilson IAAP membership	6111 - Membership Dues	128.00
<b>TOTAL</b>						<b>128.00</b>
<b>Bill Pmt -Check</b>	11/15/2011	15563	JAMES JOHNSTON	245	1012 - Bank of America Gen'l Ckg	810.00
Bill	10/31/2011	245		Website Services - October 2011	6052.3 - Website Consulting	810.00
<b>TOTAL</b>						<b>810.00</b>
<b>Bill Pmt -Check</b>	11/15/2011	15564	PAUL HASTINGS LLP	1898131 / 1900696	1012 - Bank of America Gen'l Ckg	7,268.73
Bill	10/31/2011	1898131 / 1900696		Ag Pool Legal Services - September 2011	8467 - Ag Legal & Technical Services	7,900.00
				Ag Pool Legal Services - October 2011	8467 - Ag Legal & Technical Services	15,168.73
<b>TOTAL</b>						<b>30,337.46</b>
<b>Bill Pmt -Check</b>	11/15/2011	15565	PREMIERE GLOBAL SERVICES	09656040	1012 - Bank of America Gen'l Ckg	

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**OTAL**  
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Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	10/31/2011	09656040		CDA calls 9/28, 10/12, 10/17, 10/19, & 10/26	7305 · PE3&5-Supplies	505.92
				Appropriative pool agenda call on 10/04	8312 · Meeting Expenses	10.16
				Ag pool agenda call on 10/04	8412 · Meeting Expenses	10.16
				Non ag pool agenda call on 10/04	8512 · Meeting Expense	10.16
				Non ag pool meeting call on 10/13	8512 · Meeting Expense	161.68
				Preemptive replenishment call on 10/14	8909.1 · OBMP Meetings	52.69
				Monthly and service fees	6022 · Telephone	32.68
<b>TOTAL</b>						<b>784.45</b>
					1012 · Bank of America Gen'l Ckg	8,134.25
					2000 · Accounts Payable	8,134.25
<b>TOTAL</b>						<b>8,134.25</b>
					1012 · Bank of America Gen'l Ckg	245.08
					6031.7 · Other Office Supplies	245.08
<b>TOTAL</b>						<b>245.08</b>
					1012 · Bank of America Gen'l Ckg	7.91
					60182.2 · Dental & Vision Ins	7.91
<b>TOTAL</b>						<b>7.91</b>
					1012 · Bank of America Gen'l Ckg	187,492.20
					7207 · Comp Recharge-Other	187,492.20
<b>TOTAL</b>						<b>187,492.20</b>
					1012 · Bank of America Gen'l Ckg	367.92
					6031.1 · Copy Paper	261.08
					6031.7 · Other Office Supplies	629.00
<b>TOTAL</b>						<b>629.00</b>
					1012 · Bank of America Gen'l Ckg	889.50
					7205 · Comp Recharge-Other Expense	1,489.50
					7205 · Comp Recharge-Other Expense	3,574.50
					7205 · Comp Recharge-Other Expense	5,973.50
<b>TOTAL</b>						<b>5,973.50</b>
					1012 · Bank of America Gen'l Ckg	824.00
					6017 · Temporary Services	659.20
					6017 · Temporary Services	1,483.20
<b>TOTAL</b>						<b>1,483.20</b>
					1012 · Bank of America Gen'l Ckg	190.78
					6175 · Vehicle Fuel	190.78
<b>TOTAL</b>						<b>190.78</b>

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CHINO BASIN WATERMASTER

Cash Disbursements For The Month of

November 2011

Type	Date	Numb	Name	Memo	Account	Paid Amount
Bill Pmt -Check	11/15/2011	15574	VERIZON		1012 - Bank of America Gen'l Ckg	
Bill	10/31/2011	012519116950792103		012519116950792103	6022 - Telephone	556.24
Bill	10/31/2011	012561121521714508		012561121521714508	7405 - PE4-Other Expense	167.20
<b>TOTAL</b>						<b>723.44</b>
Bill Pmt -Check	11/15/2011	15575	WESTERN DENTAL SERVICES, INC.		1012 - Bank of America Gen'l Ckg	
Bill	11/09/2011	002483		Dental premium - December 2011	60182.2 - Dental & Vision Ins	28.88
<b>TOTAL</b>						<b>28.88</b>
Bill Pmt -Check	11/15/2011	15576	YUKON DISPOSAL SERVICE		1012 - Bank of America Gen'l Ckg	
Bill	11/03/2011	08-K2 213849		Disposal service for November 2011	6024 - Building Repair & Maintenance	106.53
<b>TOTAL</b>						<b>106.53</b>
Bill Pmt -Check	11/15/2011	15577	DE BOOM, NATHAN		1012 - Bank of America Gen'l Ckg	
Bill	10/13/2011	10/13 Ag Pool Mtg		AG Pool Member Meeting Compensation	8411 - Compensation	25.00
<b>TOTAL</b>						<b>100.00</b>
Bill Pmt -Check	11/15/2011	15578	DURRINGTON, GLEN		1012 - Bank of America Gen'l Ckg	
Bill	10/13/2011	10/13 Ag Pool Mtg		AG Pool Member Meeting Compensation	8470 - Ag Meeting Attend -Special	125.00
<b>TOTAL</b>						<b>125.00</b>
Bill Pmt -Check	11/15/2011	15579	FEENSTRA, BOB		1012 - Bank of America Gen'l Ckg	
Bill	10/12/2011	10/12 Ontario Mtg		AG Pool Member Meeting Compensation	8470 - Ag Meeting Attend -Special	125.00
Bill	10/12/2011	10/12 CDA Mtg		10/12/11 CDA Meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	10/13/2011	10/13 Ag Pool Mtg		10/13/11 Ag Pool Meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	10/13/2011	10/13 CDA Mtg		10/13/11 CDA Meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	10/20/2011	10/20 Advisory Comm		10/20/11 Advisory Committee Meeting	8470 - Ag Meeting Attend -Special	125.00
<b>TOTAL</b>						<b>625.00</b>
Bill Pmt -Check	11/15/2011	15580	HALL, PETE*		1012 - Bank of America Gen'l Ckg	
Bill	10/20/2011	10/20 Advisory Comm		AG Pool Member Meeting Compensation	8470 - Ag Meeting Attend -Special	125.00
Bill	10/27/2011	10/27 Board Mtg		10/27/11 Board Meeting	8470 - Ag Meeting Attend -Special	125.00
<b>TOTAL</b>						<b>250.00</b>
Bill Pmt -Check	11/15/2011	15581	HUITSING, JOHN		1012 - Bank of America Gen'l Ckg	
Bill	10/13/2011	10/13 Ag Pool Mtg		AG Pool Member Compensation	8470 - Ag Meeting Attend -Special	125.00
<b>TOTAL</b>						<b>125.00</b>
Bill Pmt -Check	11/15/2011	15582	KOOPMAN, GENE		1012 - Bank of America Gen'l Ckg	
Bill	10/13/2011	10/13 Ag Pool Mtg		AG Pool Member Meeting Compensation	8411 - Compensation	25.00
<b>TOTAL</b>						<b>100.00</b>
Bill Pmt -Check	11/15/2011	15583			8470 - Ag Meeting Attend -Special	125.00

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	11/15/2011	15583	PIERSON, JEFFREY	AG Pool Member Meeting Compensation	1012 - Bank of America Gen'l Ckg	
Bill	10/12/2011	10/12 Ontario Mtg		10/12/11 Ontario Meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	10/12/2011	10/12 CDA Mtg		10/12/11 CDA Meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	10/13/2011	10/13 Ag Pool Mtg		10/13/11 Ag Pool Meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	10/13/2011	10/13 CDA Mtg		10/13/11 CDA Meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	10/20/2011	10/20 Advisory Comm		10/20/11 Advisory Committee Meeting	8470 - Ag Meeting Attend -Special	125.00
Bill	10/27/2011	10/27 Board Mtg		10/27/11 Board Meeting	8470 - Ag Meeting Attend -Special	125.00
<b>TOTAL</b>						<b>750.00</b>
Bill Pmt -Check	11/16/2011	15584	ALVAREZ, DESI	Travel Expense Reimbursement	1012 - Bank of America Gen'l Ckg	
Bill	10/31/2011			Parking-MWWD Workgroup - 9/26, 10/11, & 10/17	6909.1 - OBMP Meetings	38.00
<b>TOTAL</b>						<b>38.00</b>
Bill Pmt -Check	11/16/2011	15585	CUCAMONGA VALLEY WATER DISTRICT	Lease Due December 1, 2011	1012 - Bank of America Gen'l Ckg	
Bill	11/15/2011			Lease Due December 1, 2011	1422 - Prepaid Rent	5,984.00
<b>TOTAL</b>						<b>5,984.00</b>
Bill Pmt -Check	11/16/2011	15586	GRAINGER	9681299310	1012 - Bank of America Gen'l Ckg	
Bill	11/08/2011	9681299310			7103.6 - Grdwtr Qual-Supplies	210.30
<b>TOTAL</b>						<b>210.30</b>
Bill Pmt -Check	11/16/2011	15587	MCCALL'S METER SALES & SERVICE	21571	1012 - Bank of America Gen'l Ckg	
Bill	10/24/2011	21571			7102.8 - In-line Meter-Callib & Test	1,800.00
					7102.5 - In-line Meter-Computer	150.00
<b>TOTAL</b>						<b>1,950.00</b>
Bill Pmt -Check	11/16/2011	15588	MWH LABORATORIES	L0072489 - PE6&7-Contract Svcs (Plume)	1012 - Bank of America Gen'l Ckg	
Bill	10/26/2011	L0072489			7503 - PE6&7-Contract Svcs (Plume)	2,074.00
Bill	10/31/2011	L0071783		L0071783 - PE6&7-Contract Svcs (Plume)	7503 - PE6&7-Contract Svcs (Plume)	838.00
Bill	10/31/2011	L0071811		L0071811 - PE6&7-Contract Svcs (Plume)	7503 - PE6&7-Contract Svcs (Plume)	1,456.00
<b>TOTAL</b>						<b>4,368.00</b>
Bill Pmt -Check	11/16/2011	15589	STAULA, MARY L	Retiree Medical - CalPERS	1012 - Bank of America Gen'l Ckg	
Bill	11/30/2011				60182.4 - Retiree Medical	136.61
<b>TOTAL</b>						<b>136.61</b>
Bill Pmt -Check	11/16/2011	15590	TELECOM SERVICES	5452	1012 - Bank of America Gen'l Ckg	
Bill	11/10/2011	5452		Make changes to voice-mail system	6022 - Telephone	125.00
<b>TOTAL</b>						<b>125.00</b>
Bill Pmt -Check	11/16/2011	15591	THE LAWTON GROUP	6017	1012 - Bank of America Gen'l Ckg	
Bill	11/06/2011	1VC070000017765		Week ending 11/06/11	6017 - Temporary Services	659.20
<b>TOTAL</b>						<b>659.20</b>
Bill Pmt -Check	11/16/2011	15592	VERIZON BUSINESS	61416334	1012 - Bank of America Gen'l Ckg	

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
November 2011

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	11/10/2011	61416334		Service period 12/01/11 -12/31/11	8053 · Internet Expense	1,545.23
TOTAL						1,545.23
Bill Pmt -Check	11/16/2011	15593	VERIZON WIRELESS	1027597499	1012 · Bank of America Gen'l Ckg	382.86
Bill	11/10/2011	1027597499		Monthly service	6022 · Telephone	382.86
TOTAL						382.86
Bill Pmt -Check	11/17/2011	15594	CALLIFORNIA WATER AWARENESS CAMPAIGN	643	1012 · Bank of America Gen'l Ckg	375.00
Bill	10/24/2011	643		2012 California Water Awareness Campaign	6500 · Educaition Funds Use Expens	375.00
TOTAL						375.00
Bill Pmt -Check	11/18/2011	15595	CITISTREET	Payroll and Taxes for 10/30/11-11/12/11	1012 · Bank of America Gen'l Ckg	2,805.62
General Journal	11/12/2011	11/12/2011	CITISTREET	457 Deferred Comp for 10/30/11-11/12/11	2000 · Accounts Payable	2,805.62
TOTAL						2,805.62
Bill Pmt -Check	11/18/2011	15596	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3483	1012 · Bank of America Gen'l Ckg	8,357.23
General Journal	11/12/2011	11/12/2011	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS retirement for 10/30/11-11/12/11	2000 · Accounts Payable	8,357.23
TOTAL						8,357.23
Bill Pmt -Check	11/18/2011	15597	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	3,626.41
General Journal	11/12/2011	11/12/2011	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS retirement for 10/30/11-11/12/11	2000 · Accounts Payable	3,626.41
TOTAL						3,626.41
Bill Pmt -Check	11/23/2011	15598	INLAND EMPIRE UTILITIES AGENCY	900089537-2	1012 · Bank of America Gen'l Ckg	100,629.87
Bill	09/30/2011	900089537-2		900089537-2	1420 · Prepaid Injected Water Purchase	100,629.87
				900089537-2	1420 · Prepaid Injected Water Purchase	130,344.60
				900089537-2	5011 · Replenishment Water	549,300.80
TOTAL						783,275.27
Bill Pmt -Check	11/23/2011	15599	INLAND EMPIRE UTILITIES AGENCY	900089537-1	1012 · Bank of America Gen'l Ckg	1,407,265.14
Bill	09/30/2011	900089537-1		900089537-1	5011 · Replenishment Water	1,407,265.14
TOTAL						1,407,265.14
Bill Pmt -Check	11/30/2011	15600	BROWNSTEIN HYATT FARBBER SCHRECK	443939 - BHFS Legal - Appropriative Pool	1012 · Bank of America Gen'l Ckg	1,729.20
Bill	10/31/2011	443939		443939 - BHFS Legal - Agricultural Pool	8375 · BHFS Legal - Appropriative Pool	1,939.80
				443939 - BHFS Legal - Non-Ag Pool	8475 · BHFS Legal - Agricultural Pool	2,440.20
				443939 - BHFS Legal - Advisory Committee	8575 · BHFS Legal - Non-Ag Pool	3,021.75
				443939 - BHFS Legal - Board Meeting	6275 · BHFS Legal - Advisory Committee	8,032.30
				443939 - BHFS Legal - Restated Judgment	6375 · BHFS Legal - Board Meeting	1,525.05
				443939 - BHFS Legal - Personnel Matters	6072 · BHFS Legal - Restated Judgment	1,053.00
				443939 - BHFS Legal - Interagency Issues	6073 · BHFS Legal - Personnel Matters	2,878.65
				443939 - BHFS Legal - Replenishmnt Water	6074 · BHFS Legal - Interagency Issues	10,863.90
				443939 - BHFS Legal - Miscellaneous	6075 · BHFS Legal - Replenishmnt Water	2,099.70
				443939 - BHFS Legal - Miscellaneous	6078 · BHFS Legal - Miscellaneous	5,019.47

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	10/31/2011	443940	443939 - Paragraph 31 Motion		6907.35 - Paragraph 31 Motion	1,537.85
Bill	10/31/2011	443941	443940 - Santa Ana River Water Rights		6907.34 - Santa Ana River Water Rights	1,045.37
Bill	10/31/2011	443942	443941 - Desalter Negotiations		6907.33 - Desalter Negotiations	18,560.99
Bill	10/31/2011	443943	443942 - Paragraph 31 Motion		6907.35 - Paragraph 31 Motion	2,787.76
Bill	10/31/2011	443943	443943 - Santa Ana River Habitat		6907.36 - Santa Ana River Habitat	113.88
<b>TOTAL</b>						
Bill Pmt -Check	11/30/2011	15601	MWH LABORATORIES		1012 - Bank of America Gen'l Ckg	615.00
Bill	10/31/2011	L0068025		L0068025	7108.4 - Hydraulic Control-Lab Svcs	2,065.00
Bill	10/31/2011	L0068026		L0068026	7108.4 - Hydraulic Control-Lab Svcs	2,042.00
Bill	10/31/2011	L0068110		L0068110	7108.4 - Hydraulic Control-Lab Svcs	2,065.00
Bill	10/31/2011	L0068108		L0068108	7108.4 - Hydraulic Control-Lab Svcs	2,065.00
Bill	10/31/2011	L0069299		L0069299	7108.4 - Hydraulic Control-Lab Svcs	2,065.00
Bill	10/31/2011	L0070049		L0070049	7108.4 - Hydraulic Control-Lab Svcs	615.00
Bill	10/31/2011	L0070050		L0070050	7108.4 - Hydraulic Control-Lab Svcs	2,065.00
Bill	10/31/2011	L0070714		L0070714	7108.4 - Hydraulic Control-Lab Svcs	2,065.00
Bill	10/31/2011	L0071833		L0071833	7108.4 - Hydraulic Control-Lab Svcs	615.00
Bill	10/31/2011	L0070966		L0070966	7108.4 - Hydraulic Control-Lab Svcs	2,065.00
Bill	10/31/2011	L0070717		L0070717	7108.4 - Hydraulic Control-Lab Svcs	1,332.00
Bill	10/31/2011	L0071812		L0071812	7108.4 - Hydraulic Control-Lab Svcs	2,135.00
Bill	10/31/2011	L0071813		L0071813	7108.4 - Hydraulic Control-Lab Svcs	2,065.00
Bill	10/31/2011	L0071815		L0071815	7108.4 - Hydraulic Control-Lab Svcs	615.00
Bill	10/31/2011	L0071818		L0071818	7108.4 - Hydraulic Control-Lab Svcs	1,770.00
<b>TOTAL</b>						
Bill Pmt -Check	11/30/2011	15602	RAUCH COMMUNICATION CONSULTANTS, LLC	Nov-1106	1012 - Bank of America Gen'l Ckg	1,290.00
Bill	11/19/2011	Nov-1106		Progress billing - Annual Report	6061.3 - Rauch	1,290.00
<b>TOTAL</b>						
Bill Pmt -Check	11/30/2011	15603	WILDERMUTH ENVIRONMENTAL INC		1012 - Bank of America Gen'l Ckg	10,262.50
Bill	10/31/2011	2011401		2011401 - Grd Level-Engineering	7107.2 - Grd Level-Engineering	34,494.83
Bill	10/31/2011	2011402		2011402 - OBMP - Watermaster Model Update	6906.1 - OBMP - Watermaster Model Update	13,266.57
Bill	10/31/2011	2011403		2011403 - OBMP Engineering Services	6906 - OBMP Engineering Services	1,393.75
Bill	10/31/2011	2011404		2011404 - OBMP Engineering Services	6906 - OBMP Engineering Services	7,686.93
Bill	10/31/2011	2011405		2011405 - OBMP Engineering Services	6906 - OBMP Engineering Services	6,596.06
Bill	10/31/2011	2011406		2011406 - OBMP Engineering Services	7104.3 - Grdwtr Level-Engineering	16,238.98
Bill	10/31/2011	2011407		2011407 - Grdwtr Level-Engineering	7103.3 - Grdwtr Qual-Engineering	13,122.02
Bill	10/31/2011	2011408		2011408 - Grdwtr Qual-Engineering	7108.3 - Hydraulic Control-Engineering	4,743.75
Bill	10/31/2011	2011409		2011409 - Hydraulic Control-Engineering	7108.3 - Hydraulic Control-Engineering	2,934.50
Bill	10/31/2011	2011410		2011410 - Hydraulic Control-Engineering	7108.3 - Hydraulic Control-Engineering	11,090.98
Bill	10/31/2011	2011411		2011411 - Hydraulic Control-Engineering	7107.2 - Grd Level-Engineering	25,072.04
Bill	10/31/2011	2011412		2011412 - Grd Level-Engineering	7107.6 - Grd Level-Contract Svcs	32,042.17
Bill	10/31/2011	2011413		2011413 - Grd Level-Contract Svcs	7303 - PE3&5-Engineering	4,537.50
Bill	10/31/2011	2011414		2011414 - PE3&5-Engineering	7402 - PE4-Engineering	887.50

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	10/31/2011	2011415		2011415 - OBMP Engineering Services	6906 · OBMP Engineering Services	2,326.25
Bill	10/31/2011	2011416		2011416 - Comp Recharge-Implementation	7202.3 · Comp Recharge-Implementation	14,112.59
Bill	10/31/2011	2011417		2011417 - OBMP Engineering Services	6906 · OBMP Engineering Services	113.14
Bill	10/31/2011	2011418		2011418 - OBMP Engineering Services	6906 · OBMP Engineering Services	918.75
TOTAL						201,840.81
Bill Pmt - Check	11/30/2011	15604	ARROWHEAD MOUNTAIN SPRING WATER	0023230253	1012 · Bank of America Gen'l Ckg	35.68
Bill	11/18/2011	0023230253		Office Water Bottle - November 2011	6031.7 · Other Office Supplies	35.68
TOTAL						35.68
Bill Pmt - Check	11/30/2011	15605	COMPUTER NETWORK		1012 · Bank of America Gen'l Ckg	65.00
Bill	11/23/2011	82883		Service/labor for workstation repair	6057 · Computer Maintenance	65.00
Bill	11/23/2011	82880		External hard drive	6055 · Computer Hardware	342.85
TOTAL						407.85
Bill Pmt - Check	11/30/2011	15606	GROOMAN'S PUMP & WELL DRILLING, INC.		1012 · Bank of America Gen'l Ckg	425.00
Bill	11/19/2011	12905		12905	7103.4 · Grdwtr Qual-Contract Svc	425.00
Bill	11/19/2011	12903		12903	7102.7 · In-line Meter	279.39
TOTAL						704.39
Bill Pmt - Check	11/30/2011	15607	LOS ANGELES TIMES	9821161016	1012 · Bank of America Gen'l Ckg	374.15
Bill	11/18/2011	010006926943		Delivery service for 12/07/11-12/02/12	6112 · Subscriptions/Publications	374.15
TOTAL						374.15
Bill Pmt - Check	11/30/2011	15608	SAN BERNARDINO COUNTY FLOOD CONTROL I FC 089/12		1012 · Bank of America Gen'l Ckg	34,452.41
Bill	11/28/2011	FC 089/12		San Sevaline Channel Reconstruction Project	7207 · Comp Recharge-Other	34,452.41
TOTAL						34,452.41
Bill Pmt - Check	11/30/2011	15609	STANDARD INSURANCE CO.		1012 · Bank of America Gen'l Ckg	539.66
Bill	11/28/2011	006408880009		Policy # 00-640888-0009	60191 · Life & Disab. Ins Benefits	539.66
Bill	11/28/2011	006408880009		Life/AD&D Premium - Policy # 00-640888-0009		539.66
TOTAL						539.66
Bill Pmt - Check	11/30/2011	15610	STATE COMPENSATION INSURANCE FUND	1970970-11	1012 · Bank of America Gen'l Ckg	1,413.45
Bill	11/28/2011	1970970-11		Workers Comp Premium - November 2011	60183 · Worker's Comp Insurance	1,413.45
TOTAL						1,413.45
Bill Pmt - Check	11/30/2011	15611	THE LAWTON GROUP		1012 · Bank of America Gen'l Ckg	824.00
Bill	11/13/2011	1VC 70000017798		6017	6017 · Temporary Services	824.00
Bill	11/13/2011	1VC 70000017798		Week ending 11/13/11		824.00
TOTAL						824.00
Bill Pmt - Check	11/30/2011	15612	UNITED HEALTHCARE	0025982644	1012 · Bank of America Gen'l Ckg	447.47
Bill	11/29/2011	0025982644		Dental premium - December 2011	60182.2 · Dental & Vision Ins	447.47
TOTAL						447.47
Bill Pmt - Check	11/30/2011	15613	VISION SERVICE PLAN	00-101789-0001	1012 · Bank of America Gen'l Ckg	447.47
Bill	11/30/2011	15613		00-101789-0001		447.47
TOTAL						447.47

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	11/29/2011	001017890001		Vision premium - December 2011	60182.2 - Dental & Vision Ins	25.08
TOTAL						25.08
Bill Pmt -Check	11/30/2011	15614	CALPERS	1394905143	1012 - Bank of America Gen'l Ckg	5,526.03
Bill	11/15/2011	1394905143		Medical premium - December 2011	60182.1 - Medical Insurance	5,526.03
TOTAL						11,052.06
Bill Pmt -Check	11/30/2011	15615	CUCAMONGA VALLEY IAAP	December 7, 2011 Cucamonga Valley IAAP Chapt Wilson & Molino- attend IAAP meeting	1012 - Bank of America Gen'l Ckg	60.00
Bill	11/28/2011				6192 - Training & Seminars	60.00
TOTAL						120.00
Bill Pmt -Check	11/30/2011	15616	DIRECTV	019447404	1012 - Bank of America Gen'l Ckg	86.99
Bill	11/28/2011	019447404		Monthly service for 11/19/11-12/18/11	6031.7 - Other Office Supplies	86.99
TOTAL						173.98
Bill Pmt -Check	11/30/2011	15617	FEENSTRA, BOB	Reimbursement for Court Hearing Expenses	1012 - Bank of America Gen'l Ckg	99.34
Bill	11/29/2011			Reimbursement-Oct. 28, 2011 Court expenses	8485 - Ag Pool - Misc. Expense-Ag Fund	99.34
TOTAL						198.68
Bill Pmt -Check	11/30/2011	15618	MCCALL'S METER SALES & SERVICE	21633	1012 - Bank of America Gen'l Ckg	1,200.00
Bill	11/03/2011	21633			7102.8 - In-line Meter-Callib & Test	1,250.00
Bill	11/11/2011	21664			7102.8 - In-line Meter-Callib & Test	2,450.00
TOTAL						4,900.00
Bill Pmt -Check	11/30/2011	15619	OFFICE DEPOT	586138773001	1012 - Bank of America Gen'l Ckg	58.35
Bill	11/10/2011	586138773001		Plaque, post its, paper pads	6031.7 - Other Office Supplies	58.35
TOTAL						116.70
Bill Pmt -Check	11/30/2011	15620	PAUL HASTINGS LLP	1904562	1012 - Bank of America Gen'l Ckg	8,746.25
Bill	10/31/2011	1904562		Ag Pool Legal Services - October 2011	8467 - Ag Legal & Technical Services	8,746.25
TOTAL						17,492.50
Bill Pmt -Check	11/30/2011	15621	PRE-PAID LEGAL SERVICES, INC.	111802	1012 - Bank of America Gen'l Ckg	51.80
Bill	11/28/2011	111802		Employee paid services - November 2011	60194 - Other Employee Insurance	51.80
TOTAL						103.60
Bill Pmt -Check	11/30/2011	15622	R&D PEST SERVICES	0149473	1012 - Bank of America Gen'l Ckg	85.00
Bill	11/18/2011	0149473		Monthly insect and pest treatment	6024 - Building Repair & Maintenance	85.00
TOTAL						170.00
Bill Pmt -Check	11/30/2011	15623	STAPLES BUSINESS ADVANTAGE	8020205567	1012 - Bank of America Gen'l Ckg	183.96
Bill	11/13/2011	8020205567		Copy paper	6031.1 - Copy Paper	96.87
				Tapes, pens, misc. expenses	6031.7 - Other Office Supplies	280.83
TOTAL						551.66

P126



CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
November 2011

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	11/30/2011	15624	THE LAWTON GROUP	6017	1012 - Bank of America Gen'l Ckg	824.00
Bill	11/29/2011	IVC070000017829		Week ending 11/20/11	6017 - Temporary Services	824.00

TOTAL

Total Disbursements: 4,119,552.03

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# CHINO BASIN WATERMASTER

## IV. INFORMATION (App & Ag Pool)

2. Newspaper Articles

## III. INFORMATION (Non-Ag Pool)

2. Newspaper Articles



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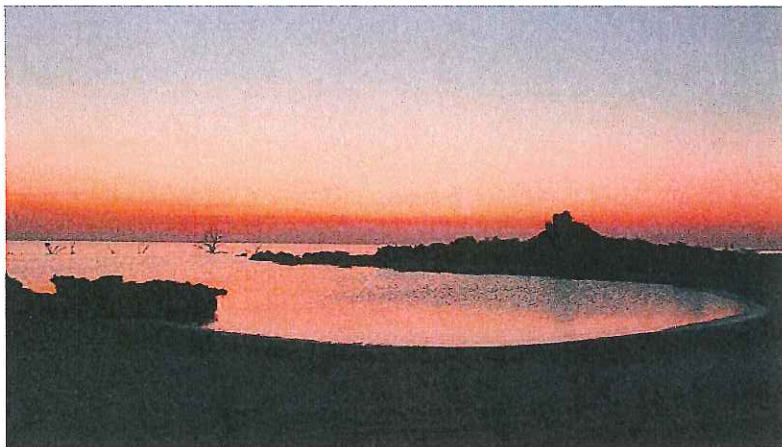
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## Conceptual plan may save Salton Sea, cause problems

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The sun sets over the Salton Sea. (IMPERIAL VALLEY PRESS)

### Topics

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By ELIZABETH VARIN  
Staff Writer

1:27 a.m. PST, November 6, 2011

Imari Kariotis loves that she can see the stars at night. Her nearest neighbor is a quarter of a mile away from the house in Salton City she has lived in for the past 10 years. It cuts down on the light, making it a great view.

"I love the beauty of it. I really do," she said. "Even when it's summer and 130 degrees, it's beautiful."

Many people moved to the area to watch the birds and a sea as far as the eye can see, the president of the West Shores Salton Sea Growth Association said. Since she's been there, though, the sea levels have been dropping quite noticeably — from two feet in some areas to seven feet depending on the shoreline.

There's good news and bad news when it comes to the Salton Sea.

The bad news: the sea levels have continued to drop and if nothing is done, it could drop to a 15-foot sea not able to fill the full basin as it now does.

The good news: a new plan concept may soon go into place to help restore the ultra-saline lake that makes up the largest inland body of water in California.

The Salton Sea Authority, a joint group made up of representatives from Imperial County, Riverside County, Imperial Irrigation District, Coachella Valley Water District and the Torres Martinez Desert Cahuilla Indian Tribe, is set to vote Dec. 8 on moving forward with a conceptual plan to restore the Salton Sea.

### Local News



Turkey preparation takes over at Neighborhood House



Brawley City Council man back after suffering mild heart attack

City manager contract amendments approved

Public benefit agreement for solar project set

Study finds science lacking in California's elementary schools, El Centro school an exception

Brawley mulling over reforming pension system



Allied trash pick up pushed back for Thanksgiving  
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Rollover traffic collision reported off Highway 111

Brawley City Councilman makes speedy recovery from weekend heart attack

Calexico city council to look at city manager contract amendments

Swaim arraigned in jail court

Swaim to surrender himself in jail court today

The plan

The plan that has been in the works for a year-and-a-half consists of putting a dam-like structure running east and west along the sea, splitting it in half. The north half would stay as is, a sea, but the south half would become a basin, making it a site for renewable energy like solar, geothermal and algae.

A mile to mile-and-a-half wide river will surround the southern half of the basin.

Work is still being done to finalize the plan and prepare it for the Dec. 8 Salton Sea Authority meeting, where it is scheduled to be voted on, said Tim Krantz, director for the Salton Sea Database Program at the University of Redlands. Krantz has been working on the plan with the authority.

The group has also been working on getting funding to help finance the environmental impact report, feasibility study and engineering on the project, he said. The Riverside County Board of Supervisors submitted a \$1.5 million grant application last month to the U.S. Department of Housing and Urban Development to help with the preliminary work, and some money may be available from the state.

If funding becomes available, work can start on the planning, and that process could be completed by the end of 2012, Krantz said. From there a final project could be approved by 2013 or 2014.

"It still takes some years to build this thing, but the clock is definitely ticking," he said.

Problems looming

The flow of water is set to decrease by 2017 with the Quantification Settlement Agreement, the nation's largest agriculture-to-urban water transfer, he said. The SSA has to get things going before then.

The conceptual plan maintains water where people and wildlife are, Krantz said. It transfers water out of the middle of the south basin, but keeps air quality concerns in mind by proposing to cover the area with renewable energy projects.

"This is the better plan," he said. "There's a lot of thinking that has gone into this, so that fundamentally the plan deals with a reduction of the amount of water going in to the sea."

SSA board members were excited at last week's meeting about the proposed plan. The plan and all of its components are a reminder that there are many opportunities out there to solve the problem, said Riverside County Supervisor John Benoit.

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Turkey preparation takes over at Neighborhood House

Poll

Some stores are opening at 10 p.m. on Thanksgiving for Black Friday sales. What do you think?

- Businesses are crossing the line, employees should not work on Thanksgiving
- Businesses need to do what's in their best interest
- I would not like to work on Thanksgiving, but at least they have jobs
- It's a great idea, very convenient for the customers

Comments (3)

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Captain Justicia at 12:25 PM November 06, 2011

The Salton Sea is filled with particulate matter and agricultural chemical run-off. Not to mention added salts from tiling and rural homes backing up to, and dumping their wastes (sewage) into the New and Alamo Rivers.

sf8280 at 6:25 AM November 6, 2011 is absolutely correct in their concerns. In between shoving matches at IID Board meetings, the culpability of farmers dumping agricultural wastes has never been discussed. Farmers created this huge cess pool; farmers should be charged with the clean up. Damming 1/2 of the Salton Sea and allowing the rest to "dry up and blow away" is a poor panacea.

sf8280 at 6:25 AM November 06, 2011

HUGE missing component here... what about the New River???? There can be no plan to do ANYTHING with the Salton Sea without a plan for the New River. This is--literally-- putting the cart before the horse.

americaloveitorleaveit at 4:01 AM November 06, 2011

Yahiii Elizabeth Varin with IVP did her HOMEWORK! She delivered today. Whew..thanks Elizabeth. This informative piece doesn't leave people wondering like a big matzo ball hanging out there in thin air..asking, what is this all about. Good job Varin..keep up the good work. Mr. Delany if she keeps this kind of journalism up, she will be deserving a raise\$\$\$

Photo Galleries



## Conserving California's Water at its Forest Source

### New Report Outlines Need for Safeguarding Primary Watershed Serving 22 Million Californians from Mount Shasta to Los Angeles

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(For Immediate Release: Nov. 3, 2011) REDDING, CA – Anyone who has seen the classic movie "Chinatown" or read "Cadillac Desert" knows California has a water problem.

Seventy-five percent of the state's water demand comes from the densely populated and dry southern California. Yet most of the state's precipitation—more than 70 percent—falls north of Sacramento, in a region defined by the Klamath and Cascade Mountain ranges. This 10-million-acre arc of land encompasses the Trinity Alps, Klamath, Cascade and Northern Sierra Ranges, a vast, interconnected network of forested watersheds that filter and supply this precious resource to more than 25 million Californians via the Central Valley and State Water Projects and Sacramento Delta.

Between 80-85 percent of the water flowing into the Sacramento Delta comes from the Sacramento River—which in turn derives between 80 and 85 percent of its flow from the Klamath-Cascade (KC) Region.

Few Californians realize how much they depend on this region's water and climate benefits—nor how at-risk those resources are. Steep declines in the state's timber economy have eroded incentives to retain and maintain the KC's forests, private or public.

These threats—and strategies for dealing with them—are detailed in "The Klamath Cascade: California's Forest Watershed in the Balance." This new report from the Pacific Forest Trust introduces the Region and makes recommendations for an innovative "all-lands," landscape-scale approach to its management in order to secure the future of California's primary water source.

A host of factors promote forest conversion, neglect and degradation: from globalization to climate change and invasive species, to the economic crisis, changing demographics and forest ownerships. Californians need to act swiftly to ensure the continued health of the Klamath-Cascade's forested watersheds that are so critical to the state's supply of fresh, clean drinking and agricultural water and overall economic health.

Pacific Forest Trust President Laurie Wayburn, the report's primary author, says now is the time to secure the resources of the Klamath-Cascade, while they are still intact. "Recent US Forest Service reports tell us forest health is directly related to water quality—which has significantly declined statewide. But we have a chance to prevent further degradation in the Klamath-Cascade, where most of the state's water comes from," Wayburn said. "The key lies in transforming a declining timber economy into a sustainable forest economy through conservation and stewardship of our forest lands for multiple public benefits—like water.

"We can protect the integrity of our water supplies, reduce fire risks, supply renewable energy and increase the capacity of our forests to prevent climate change," Wayburn added. "But we need a plan for managing and conserving this region as the one great forest it naturally is. The foundation of that plan lies in public-private partnerships that will boost the overall economic resilience of the region while promoting conservation."

Unemployment figures in Shasta and Siskiyou county are higher than the state and national average—ranging from 16 to 19 percent throughout the year. Jobs in forestry and wood product manufacturing—once a mainstay of the Region—now rank 21st (as of 2008). But investment in conservation and forest restoration would go far to reverse that trend, Wayburn said, citing University of Massachusetts PERI Institute research indicating investment in reforestation and forest restoration creates more jobs per dollar invested than any other "green" industry. At the same time, such conservation and stewardship investment can secure the state's water supplies, make forests more resistant to catastrophic fire and climate change and increase recreational opportunities for the public, according to the Klamath-Cascade Report.

"As the climate changes we have more uncertainty than ever about where California's water will come from if precipitation patterns change and our snowpack continues to recede," said U.S. Forest Service Hydrologist Steve Bachmann. "This report notes that glaciers in the Klamath-Cascade region are the only ones in the state that are actually growing. The growing glaciers and the abundant cold water spring flows that feed the rivers in the region make the landscape that delivers that water downstream even more important."

The good news is, roughly half of the lands in the Klamath-Cascade are already in public ownership and as such, are conserved. To ensure future watershed health and function, 85 percent of the landscape must remain intact—meaning if just half of the remaining privately owned lands were conserved, the region's water supply and quality could be assured. The report suggests working forest conservation easements are a key tool for achieving this goal, by keeping those lands in private ownership and productive use with voluntary agreements that limit development and stipulate sustainable forest management. In return, landowners are paid for giving up their development rights—and can use that money to reinvest in their forest operations.

"Whenever a 'holistic' approach for addressing environmental concerns is advocated, economics is almost universally left out of the equation. Conservation easements help address that glaring omission," said Ric Costales, Natural Resource Policy Specialist for Siskiyou County, who serves as liaison for the Board of Supervisors and local government on natural resource issues in Siskiyou County.

The KC Report provides a comprehensive overview of the multiple ecological and economic values on the line in the Klamath-Cascade, with sections on forest management, water, climate change, biological diversity, fire, recreation and the people of the KC. Its five key recommendations include:

- \* Managing the region for watershed services;
- \* Dedicating a percentage of annual revenues from state and federal water projects to watershed conservation and restoration;
- \* Investment in sustainable forest management that promotes resilience to catastrophic wildfires and climate change;
- \* Dedicate a portion of federal and state renewable energy and fuel subsidies to small-scale woody biomass energy/fuel facilities.

To read the full recommendations, download a copy of the report [here](#) or request a hard copy version of the report by emailing [communications@pacificforest.org](mailto:communications@pacificforest.org).



Media interviews with Klamath-Cascade Report author Laurie Wayburn are available, as are interviews with KC stakeholders including land downers, public agency officials, foresters and others.

For more information contact: Chris Harrison, Communications Director, Pacific Forest Trust; (415) 581-0700 ext. 13.

. . .

About the Pacific Forest Trust: Since 1993, the Pacific Forest Trust (PFT) has been dedicated to conserving and sustaining America's vital, productive forest landscapes. Working with forest owners, communities and an array of partners, we advance innovative, incentive-based strategies to safeguard our nation's diverse forests. In so doing, we're ensuring forests continue to provide people everywhere—from rural communities to urban centers—with a wealth of benefits, including clean water, sustainably harvested wood, green jobs, wildlife habitat and a livable climate. To date, PFT has directly conserved 50,000 acres of forestland in California, Oregon and Washington valued at more than \$160 million, including 40,000 acres that have been conserved with working forest conservation easements. PFT also is the project developer and manager of the Van Eck Forest Project, California's first registered emissions reduction project. Recognized as a national leader in sustainable forestry and conservation, PFT has provided conservation advice and services to owners of more than 10 million acres of forestland from coast to coast.

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## 10News.com

SD Studying Concept That Turns Sewage To Drinking Water

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### **Concept Already Being Used By Orange County Water District**

POSTED: 5:36 pm PST November 7, 2011  
UPDATED: 7:33 pm PST November 7, 2011

**SAN DIEGO** -- The city of San Diego is in the midst of a one-year study to see if it can treat and purify sewage into potable, drinkable water.

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Opponents to the concept called it "toilet to tap" in the past. However, the process has been used successfully in Orange County since 2008.

At its groundwater replenishment system, the Orange County Water District cleans and purifies 70 million gallons of drinking water, which is enough water for about 550,000 people.

It takes about three days to turn raw sewage – which is more than 90 percent water – into clean water.

10News received a guided tour of the system from general manager Mike Markus, who carefully described the process.

After the Orange County Sanitation District treats the water, the water goes through three different filtration processes at the groundwater replenishment system.

The first is a microfiltration process, followed by reverse osmosis. Finally, the water is hit with an ultraviolet irradiation system. The result is perfect water.

"We stripped out all the pharmaceuticals [and] viruses in the water," said Markus. "There's nothing left. It's the highest quality water that we have in the region."

The Orange County Water District regularly tests the water for about 400 chemicals and compounds.

"When we test for these compounds, we cannot detect them," said Markus.

Visitors to the groundwater replenishment system can sample the water directly out of the plant.

10News reporter Joe Little tested the water and said, matter-of-factly, "It's water."

Markus said, "Anyone in northern or central Orange County ultimately will be drinking this water and that area encompasses about 2.4 million people."

The recycled water is also cheaper than water imported through the Metropolitan Water District. It costs Orange County about \$800 per acre foot to buy water imported from the Sacramento Bay Delta and the Colorado River, while the recycled water only costs about \$480 per acre foot.



The city of San Diego is studying the same process Orange County is using to take advantage of those savings.

"It's a huge additional amount that we would have locally controlled that we wouldn't have to buy from [the Metropolitan Water District] who sticks it to us every time they get a chance," said San Diego Mayor Jerry Sanders.

The process has proved so effective in Orange County that plans have already been approved to expand the system to recycle 100 million gallons of water per day by 2014.

***Do you have more information about this story? [Click here to contact us](#)***

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## **JURUPA VALLEY: Water district scraps new rate plan**

BY SANDRA STOKLEY

STAFF WRITER

[sstokley@pe.com](mailto:sstokley@pe.com)

Published: 07 November 2011

09:46 PM

Directors of the Jurupa Community Services District voted Monday night to scrap a proposed water and sewer restructuring plan that called for five years of rate increases.

The 5-0 decision came after an emotional 90-minute meeting at which customers took turns either blasting the district for not holding the line on expenses or pleaded with directors to vote down the plan.

Directors were to have voted on the new rate structure on Nov. 14.

Board president Jane Anderson said after the meeting that she was swayed not just by the comments at Monday's meeting, but by what she had heard at the outreach meetings the district has been holding to explain the new structure to ratepayers.

"I already understood the problem of people being out of work and struggling," Anderson said. "That's what is killing everybody."

The board's decision was greeted with applause and cheers.

Before the vote, customers shared their tales of high water bills that were expected to soar under the new rate structure.

Rae Furlong said her September bill was about \$127. Under the new structure she would pay \$400.

"I can't afford that," Furlong said.

The new rate system — known commonly as a water budget rate structure — that was being proposed by Jurupa district officials assigned each household a monthly water budget for indoor and outdoor use.

Adjustments in that water budget were allowed for family size, lot size, medical needs and livestock such as horses or sheep.

Residents who exceeded their budgeted amount would have seen their per-unit water cost more than double under the proposed four-tier system.

Although some residents expressed misgivings about providing personal information to the water agency to get an adjustment to their water budget, it was the five straight years of increases to water and sewer rates that infuriated customers.

At a series of outreach meetings in Eastvale and Jurupa Valley, residents, particularly senior citizens, have expressed outrage that the district is proposing to raise rates during a time of economic distress.



*The Metropolitan Water District of Southern California*

# NEWS RELEASE

P. O. Box 54153, Los Angeles, California 90054-0153 • (213) 217-6485 • [www.mwdh2o.com](http://www.mwdh2o.com)

*Note to editors: A digital photograph of newly appointed Metropolitan board Vice Chair David D. De Jesus is available upon request.*

Contact: Bob Muir, (213) 217-6930; (213) 324-5213, mobile

Nov. 8, 2011

## DE JESUS APPOINTED VICE CHAIR OF METROPOLITAN WATER BOARD

San Gabriel Valley water official David D. De Jesus has been named as one of four vice chairs of the 37-member board of directors of the Metropolitan Water District of Southern California.

Metropolitan board Chairman John V. Foley announced the appointment of De Jesus, Three Valleys Municipal Water District representative on the MWD board since March 2002, to the key leadership position during today's board meeting. De Jesus joins Gloria Gray of West Basin Municipal Water District, John W. Murray Jr. of the city of Los Angeles, and Randy A. Record of Eastern Municipal Water District as Metropolitan board vice chairs.

"As we all know, water supply and reliability remain as priorities for Southern California and the entire state," De Jesus said following his appointment. "I look forward to representing the board and the district in dealing with California's complex water issues and concerns, particularly potential solutions in the Sacramento-San Joaquin Delta that will improve supply reliability and restore the delta's ecosystem."

The president and general manager of the Covina Irrigating Company—a private, nonprofit mutual water company established in 1882—De Jesus is a member and past president of Three Valleys' board of directors, representing Covina and Walnut.

He currently chairs Metropolitan board's Water Planning and Stewardship Committee and serves on the Executive Committee, Finance and Insurance Committee, and Engineering and Operations Committee. He also is a member of the board's Special Committee on the Bay-Delta and Hoover Contract Issues Committee.

more . . . . .

De Jesus is a member and past president of the San Gabriel Valley Water Association, which represents more than 1.5 million residents in the area. He was appointed as a founding board member in 1999 to represent water industry interests of San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy. The chair of the San Gabriel River Water Committee, De Jesus also has represented Three Valleys on the Chino Basin Watermaster Board.

A long-time Walnut resident, De Jesus serves on the Vocational Education Water Advisory Board at Citrus College, where he taught for five years as an adjunct professor in water resources and water distribution system design. Active in community affairs, he has received Meritorious and Recognito Ad Valorem awards for his volunteer efforts by the County of Los Angeles.

A New York City native, De Jesus earned a bachelor's degree in business management and a master's degree in organizational management from Azusa Pacific University. He also holds associate's degrees in water treatment technology and criminal justice.

De Jesus and his wife, Sylvia, have three daughters.

For more biographical information on the board leadership, visit [www.mwdh2o.com](http://www.mwdh2o.com).

###

*The Metropolitan Water District of Southern California is a cooperative of 26 cities and water agencies serving nearly 19 million people in six counties. The district imports water from the Colorado River and Northern California to supplement local supplies, and helps its members to develop increased water conservation, recycling, storage and other resource management programs.*

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## Investors thirsty for new markets looking to water

Fri, Nov 11 2011

By **Deborah Zabarenko**, Environment Correspondent

ATLANTA (Reuters) - Oil and water may not mix, but managing water -- moving it, filtering it, recycling it and ultimately exhausting it -- is one of the fastest growing sectors of the oil and gas industry, industry experts and investors said on Thursday.

Because getting U.S. oil and natural gas out of the ground requires billions of gallons (liters) of water a year, "oil companies are the largest water companies in the world," Amanda Brock, CEO of the water treatment company Water Standard, told a conference on water investment and technology.

Energy companies don't seek the limelight in this area, Brock said, but they are effectively in the water business. The oil and gas industry needs water and water services for drilling and hydraulic fracturing, as well as help in storing and transporting water used in energy extraction.

Environmental advocates have taken aim at oil and gas companies for what they see as profligate use of water in extraction processes, along with the use of chemicals the advocates see as health hazards or substances where health effects are unknown.

Opponents of hydraulic fracturing to get at natural gas maintain the process can contaminate ground water, a claim the energy industry denies.

The key is using and re-using every bit of water as efficiently as possible, given global pressures on the water supply, said John Lucey of the Heckmann Corporation, which provides pipelines and disposal wells used in the drilling technique known as fracking.

"What we want you to do is wear out a drop of water," Lucey said at the American Water Summit. Heckmann, founded less than two years ago, had third-quarter earnings this year of about \$38 million, up from \$2 million in the same quarter in 2010, he said.

Investors see the potential for growth, but have been wary because traditionally, the water business has operated on a scale of decades, not years, and has been slow to adopt new methods.

James Collet of NLM Capital Partners of Irving, Texas, said most of his clients are natural resource investors, and the water industry has similar characteristics that make it attractive to them.

"WE DO NOT EXIST"

"Over time, it's probably going to be OK, but it's probably going to take a lot longer because the momentum to make change in this industry is typically less than in other industries," he said.

That slow pace is because U.S. water systems are generally built to last 50 to 100 years, Collet said. Now aging infrastructure is wearing out, spurring the need for new investment. And the older systems are prone to waste and inefficiency, which new technologies are designed to remedy.

A dominant theme at the water summit was the industry's need to re-invent itself, or at least to raise its profile.

"For the average person, for the average politician, we do not exist," said Debra Coy, a principal at Svanda & Coy consulting.

The U.S. water industry is seen as fragmented, without a recognizable voice to the powerful in U.S. government, as contrasted with the energy sector, Coy said.

A subtext at the summit was the expectation that global water supplies will be stressed as world population grows. Climate change and the increasing collective thirst of the developing world will add to the pressure.

That too offers opportunity, said Randall Hogan, CEO of Pentair, a global water systems business.

Unlike the United States, Hogan said, China, India and countries in the Middle East are investing in new water technologies.

"They take a different approach in thinking about water. They will fund it. They have to fund it, because of the growth in wealth and population ... and the kind of pressure that puts on energy, food and infrastructure," Hogan said.

His task now, he said, is to ensure that his most talented staff, now located primarily in the United States and western Europe, are available to take advantage of "the opportunities at hand, which are in the new, new world."

(Editing by **Bob Burgdorfer**)

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# Prehistoric landslide created hidden California lake

Landlocked body along Eel River then affected steelhead with access to sea blocked

Recommend 96

7 41

6

By

Charles Choi



updated 11/14/2011 5:02:28 PM ET

A catastrophic prehistoric landslide left behind a giant lake along what is now a river in California, researchers have discovered. The landslide also apparently left its mark on the river's trout, in the form of a genetic similarity, the researchers added.

Scientists investigated Northern California's Eel River to study large, [slow-moving landslides](#). The river stretches about 200 miles (320 kilometers) in length and carries extraordinarily large amounts of sediment down its course, the most of any river not fed by a glacier in the contiguous United States.

The researchers analyzed the landscape using a laser range-finding system mounted on an aircraft and hand-held [GPS](#) units. They discovered that along a stretch of the river, terraces on adjacent slopes stayed oddly similar in elevation, rather than decreasing downstream as expected.

"This was the first sign of something unusual, and it clued us into the possibility of an [ancient lake](#)," said researcher Benjamin Mackey, a geomorphologist at the California Institute of [Technology](#). The stretch they detected most likely represented where a lake with relatively stable shores once was, explaining why the leftover terraces were all of similar elevation.



An artist's rendering of a prehistoric lake, now a river, would have looked like.

## Evidence of a disaster

Altogether, the researchers found [evidence of a giant landslide](#) that dammed the upper reaches of the Eel River with a wall of loose rock and debris 400 feet (120 meters) high about 60 miles (100 km) southeast of Eureka, Calif. The result was a lake about 30 miles (50 km) long.

"The presence of a dam of this size was highly unexpected in the Eel River environment given the abundance of [easily](#) eroded sandstone and mudstone, which are generally not considered strong enough to form long-lived dams," Mackey said.

Mackey and his colleagues studied isotopes of carbon to date the sediments within this former lake. The isotope carbon-14 is unstable and decays over time, so analyzing the ratio of carbon-14 to other carbon isotopes can shed light on how much time has passed. Results suggest the landslide occurred 22,500 years ago.

These findings match details from other studies that showed a dramatic drop in the amount of sediment deposited from the river just offshore in the ocean at about the same time. The landslide probably came from Nefus Peak, which bears a massive landslide scar on its southwestern flank.

"The damming of the river was a dramatic, punctuated affair that greatly altered the landscape," said researcher Joshua Roering at the [University of Oregon](#).

Eventually, the dam was breached, which would have generated [a huge flood](#). Landslide activity and erosion have since erased much of the evidence for the now-gone lake.

## Landslide fish

This catastrophic event might explain the genetics of steelhead trout in the Eel River. Past research found a striking relationship between summer-run and winter-run steelhead trout in the river — a genetic similarity not seen among these types in other nearby rivers. The two kinds of fish are usually geographically isolated and don't normally interbreed.

The scientists suggest both types of ocean-going trout mingled when the dam blocked their normal migration routes. "This period of gene flow between the two types of steelhead can explain the genetic similarity observed today," Mackey said.

Once the dam burst, the fish would have reoccupied their preferred spawning grounds and resumed different genetic trajectories, Mackey added.

More science news from MSNBC Tech & Science

### Scientific tales come alive in ink

Science editor Alan Boyle's Weblog: Ready to crack open some inky tales of scientific lore and levity? Check out our holiday science book roundup — and add your own selections to the list.



Carl Zimmer

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"Although current physical evidence for the landslide dam and paleo-lake is subtle, its effects are recorded in the Pacific Ocean and persist in the genetic makeup of today's Eel River steelhead," Roering said. "It's rare for scientists to be able to connect the dots between such diverse and widely felt phenomena."

This region is not typically considered vulnerable to such large landslide dams, Mackey added. These findings "should encourage reassessment of [landslide hazard](#) in landscapes similar to the Eel River area," Mackey told LiveScience.

Mackey, Roering and their colleague Michael Lamb detailed their findings online Monday in the Proceedings of the National Academy of Sciences.

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## Students advance research to restore land along Mojave River

[Natasha Lindstrom](#)

2011-11-14 09:31:46



APPLE VALLEY • Jake Windsor, 17, spent a recent school day working alongside fellow Academy for Academic Excellence students in the outdoors, drilling holes with handheld augers and carefully planting some 1,600 seeds and seedlings in neat rows on a swath of land the width of a football field.

As Windsor toiled he learned a thing or two about botany, but more importantly he took pride in the project driving the student effort: a study that could reveal groundbreaking solutions to reviving natural habitat along the Mojave River.

"I think this will be a really big project in the Mojave," Windsor said. "It feels pretty good, just knowing that all this is doing something."

Led by middle and high school science coordinator Matt Huffine, AAE students last week completed the first phase of a research project backed by several regional agencies. On Thursday, Victor Valley College students will begin work on the second phase, duplicating the planting techniques on land just east of the college.

"Between the two (phases), we should know how to rehabilitate any riparian habitat that's been disturbed in the Mojave Desert," Huffine said. "Some plants and animals will keep from going extinct because their habitat will be available."

If at least some of the plants survive the next three years, the study's results could supply agencies across the Mojave Desert with the most effective methods for restoring native plants and wildlife on river banks that have been disturbed — a damaged status that can be caused by flooding, fire or invasive plants that don't belong there.

One of the worst invasive plants is the water-guzzling salt cedar, or tamarisk, a woody shrub or tree with salty crystals on the tips of its dense thicket of slender, gray-green branches. The salt drops from the plants into the topsoil — preventing native plants from growing nearby — and it can ultimately get into the groundwater.

"This is a huge problem across the whole Southwest," said Neville Slade, VVC agriculture and natural resources professor. "Tamarisk has really taken over."

To prevent the noxious pest from swallowing up local river banks, the Mojave Water Agency has been working with the Mojave Desert Resource Conservation District on a salt cedar removal program for the past few years. They've been clearing out salt cedar from Barstow to Deep Creek.

"Ultimately, we don't want the invasive species to return to those areas which are now devoid of vegetation," said Tamara Alaniz, MWA water conservation program manager.

The study aims to identify the best ways to repopulate those cleared areas with natural plant life. It will

document the survival of 11 plant species using four to five different techniques. Some seeds will be planted raw with a wind-protective mat, for instance, while others will be coated with polymer to help absorb water. A biodegradable tea bag filled with nutrients will be placed beneath some of the seedlings.

To read more about the field study, see the full story in Monday's Daily Press. Get complete stories every day with the "exactly as printed" Daily Press E-edition, only \$5 per month! Click [here](#) to try it free for 7 days. To subscribe to the Daily Press in print or online, call (760) 241-7755, 1-800-553-2006 or click [here](#).

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## Rooftops to Rivers II

### Green Strategies for Controlling Stormwater and Combined Sewer Overflows

An estimated 10 trillion gallons a year of untreated stormwater runs off roofs, roads, parking lots, and other paved surfaces, often through the sewage systems, into rivers and waterways that serve as drinking water supplies and flow to our beaches, increasing health risks, degrading ecosystems, and damaging tourist economies. But cities of all sizes are saving money by employing green infrastructure as part of their solutions to stormwater pollution and sewage overflow problems.

Green infrastructure helps stop runoff pollution by capturing rainwater and either storing it for use or letting it filter back into the ground, replenishing vegetation and groundwater supplies. Examples of green infrastructure include green roofs, street trees, increased green space, rain barrels, rain gardens, and permeable pavement. These solutions have the added benefits of beautifying neighborhoods, cooling and cleansing the air, reducing asthma and heat-related illnesses, lowering heating and cooling energy costs, boosting economies, and supporting American jobs.

#### Video: Syracuse, New York

Rooftops to Rivers: Syracuse, Ne...

#### READ THE REPORT

[Full Issue Paper \(PDF\)](#)



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[Case Studies: How Green Infrastructure is Helping Manage Urban Stormwater Challenges](#)

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#### CASE STUDIES

[Aurora](#) | [Chicago](#) | [Kansas City](#) | [Milwaukee](#) | [Nashville](#) | [New York](#) | [Philadelphia](#) | [Pittsburgh](#) | [Portland](#) | [Rouge River Watershed](#) | [Seattle](#) | [Syracuse](#) | [Toronto](#) | [Washington, D.C.](#) | [Composite Case Studies](#)

More Rooftops to Rivers videos: [Milwaukee, WI](#) | [Santa Barbara, CA](#)

NRDC's Rooftops to Rivers II provides case studies for 14 geographically diverse cities that are all leaders in employing green infrastructure solutions to address stormwater challenges -- simultaneously finding beneficial uses for stormwater, reducing pollution, saving money, and beautifying cityscapes. These cities have recognized that stormwater, once viewed as a costly nuisance, can be transformed into a community resource. These cities have determined that green infrastructure is a more cost effective approach than investing in "gray," or conventional, infrastructure, such as underground storage systems and pipes. At the same time, each dollar of investment in green infrastructure delivers other benefits that conventional infrastructure cannot, including more flood resilience and, where needed, augmented local water supply.

NRDC identifies six key actions that cities should take to maximize green infrastructure investment and to become "Emerald Cities":

- Develop a long-term green infrastructure plan to lay out the city's vision, as well as prioritize infrastructure investment.
- Develop and enforce a strong retention standard for stormwater to minimize the impact from development and protect water resources.
- Require the use of green infrastructure to reduce, or otherwise manage runoff from, some portion of impervious surfaces as a complement to comprehensive planning.
- Provide incentives for residential and commercial property owners to install green infrastructure, spurring private owners to take action.
- Provide guidance or other affirmative assistance to accomplish green infrastructure through demonstration projects, workshops and "how-to" materials and guides.
- Ensure a long-term, dedicated funding source is available to support green infrastructure investment.

Click on the cities below to learn about their efforts to implement green infrastructure:

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YOU!**

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about green  
infrastructure in your  
city.](#)

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Although cities and policy makers have taken enormous strides forward in their understanding and use of green infrastructure since the first Rooftops to Rivers report was published in 2006, much work remains at the local, state and federal levels. Local officials need better information about the benefits of green infrastructure and how to target investments to maximize benefits. States should undertake comprehensive green infrastructure planning, ensure permitting programs drive the use of green infrastructure, and eliminate hurdles (whether from building and development codes or funding) to ensure green infrastructure is adequately funded.

Most importantly, the U.S. Environmental Protection Agency (EPA) must reform the national Clean Water Act rules that apply to stormwater sources to require retention of a sufficient amount of stormwater through infiltration, evapotranspiration, and rainwater harvesting to ensure water quality protection. The rules should apply throughout urban and urbanizing areas. The EPA should also require retrofits in already developed areas and as part of infrastructure reconstruction projects. In so doing, the EPA will embody the lessons learned from cities across this country and the leaders who understand that, from an environmental, public health, and economic perspective, green infrastructure is the best approach to cleaning up our waters.

**Video: Milwaukee, Wisconsin****Video: Santa Barbara, California**

*last revised 11/15/2011*

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redlandsdailyfacts.com

## Council discusses nonpotable water rates

Molly Davis, Redlands Daily Facts

Posted: 11/15/2011 08:15:22 PM PST

REDLANDS - The City Council on Tuesday unanimously approved an ordinance that will establish a two-tiered rate structure for nonpotable water.

The two-tier structure encourages the city's water customers who are using potable water, but could use nonpotable water, to make the switch and receive a rate reduction of \$0.35 per unit.

Non-potable supplies, usually treated recycled water, are mostly used for irrigation of landscaping or parks.

According to the staff report, the two-tier nonpotable rate would require customers to do some on-site retrofits to use nonpotable water in exchange for a lower rate.

"It is anticipated approximately 250 acre-feet of current potable water sales and 350 acre-feet of existing converted customers would be eligible for the 'converted nonpotable customer' tier," the staff report said.

An acre-foot is generally regarded as the annual water use of a suburban family.

The change would help meet a state-mandated 20 percent reduction in water use by 2020.

"It is clear a 20 percent reduction in potable water consumption is a requirement, and without it, utilities would be ineligible for state grants or funding," the staff report said.

Chris Diggs, the assistant municipal utilities and

engineering director, said a review of the rate would come back to the council for approval every two years.

The benefit of using nonpotable water as applicable "reduces the costs of securing a

potable water supply," the staff report explained.

Councilman Jerry Bean was in favor of the ordinance, and complemented staff on their work.

"I recommend this kind of thinking," he said. "The more we can get people to use (nonpotable water), the more that enables us to make reductions in potable water rates.

"This is a very good way ... to save the city money," he said.

Mayor Pete Aguilar adjourned Tuesday's council meeting in memory of Jim Gebara, a major supporter of the Redlands Bowl Summer Music Festival and founder of the Redlands Community Music Association's Red Shirt Ushers at the Bowl. He died Nov. 3.

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## New report shows California agriculture already water-efficient

Thu, 2011-11-17 12:08

Fresno State

Claims that California farmers are wasteful and inefficient in managing their water supplies are inaccurate, according to a new report released by the Center for Irrigation Technology (CIT) at California State University, Fresno.

The report "Agricultural Water Use in California: A 2011 Update" also refutes assertions by some that large volumes of "new water" would be available through agricultural water conservation.

The findings are based on a thorough review of published research and technical data as well as state of California publications to assess the overall potential for agricultural water-use efficiency to provide new water supplies. The report found that little potential exists for new water unless large swaths of agricultural land are taken out of production, which technically is not water-use efficiency.

CIT Director Dr. David Zoldoske said, "The study is an important addition to the ongoing discussions about California water and specifically what decisions must be made to assure adequate supplies for the future. The information presented in this paper should provide a valuable tool in moving the discussions forward."

Among the study's key findings:

- The estimated potential new water from agricultural water-use efficiency is 1.3 percent of the current amount used by the state's farmers – about 330,000 acre-feet per year. That represents about 0.5 percent of California's total water use of 62.66 million acre-feet.
- Groundwater overdraft of about 2 million acre-feet per year continues to be a serious problem in certain regions of California because of inconsistent and uncertain surface water supplies.
- Changes in irrigation practices, such as switching from flood irrigation to drip, have the effect of rerouting flows within a region (or basin) but generally do not create new water outside of the basin.
- Previous reallocations of agricultural water supplies for environmental purposes represent 5.6 percent of farm-water diversions.
- On-farm conservation efforts can affect downstream water distribution patterns, with potential impacts on plants and animals, recreation, as well as human and industrial consumptive uses.

The study is the culmination of a yearlong effort by irrigation experts at the Center for Irrigation Technology to update the 1982 University of California Cooperative Extension report "Agricultural



Water Conservation in California with Emphasis on the San Joaquin Valley” by David C. Davenport and Robert M. Hagan.

The new study concludes that the 1982 report correctly framed the potential for agricultural water-use efficiency, and many of its findings are still relevant 30 years later.

The complete report and its findings can be found at [www.californiawater.org](http://www.californiawater.org) or [www.FresnoStateNews.com](http://www.FresnoStateNews.com).

Created in 1980, the Center for Irrigation Technology is internationally recognized as an independent testing laboratory, applied research facility and educational resource. One of California’s biggest challenges is managing ever-increasing demands on its most precious resource – water. A core mission of CIT is to help extend this limited supply of water through the use of technology, research and education.

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**Source URL:** <http://westernfarmpress.com/government/new-report-shows-california-agriculture-already-water-efficient>



## Officials call for help in preventing stormwater pollution

RENE DE LA CRUZ

2011-11-16 15:13:17



APPLE VALLEY • When residents fertilize their yards, paint their homes or clean out their horse corrals, it's easy to forget that those activities can impact the local water supply.

That's the message officials with the Mojave River Watershed Group hope to drive home during their workshop Thursday in Apple Valley, as local cities discuss strategies for preventing storm water pollution in the Mojave River.

Surface water flowing anywhere around the communities of Victorville, Apple Valley and Hesperia finds its way to either open desert or the river.

The 40 inches of rain that reach the Mojave River each year percolate into the underground basin and get circulated through the aquifer before being pumped out through water wells and treated by local water agencies.

Even a small amount of improperly disposed chemicals that runoff water comes into contact with can contaminate drinking water and make waterways unsafe for people and wildlife, according to officials with the MRWG.

River water samples gathered through regular testing found dangerous toxins such as pesticides, fertilizers, pet waste and herbicides, MRWG officials said, with erosion and construction sediment the most common pollutant. And contaminated groundwater has the potential of destroying the desert ecosystem as it travels through the food chain.

Residents and businesses should use caution when handling chemicals, MRWG officials warn — especially businesses that revolve around construction, automotive repair, food service, landscaping, carpet cleaning and industrial or manufacturing.

MRWG is a partnership among municipalities that border the Mojave River.

The agency conducts interactive environmental assemblies for schoolchildren throughout the High Desert to recruit "Stormwater Troopers" who will help protect High Desert landscapes, animals and the watershed. And in the past year, MRWG has received hundreds of signed pledges from High Desert adults, children and local businesses who said they will take steps to prevent stormwater and runoff pollution.

San Bernardino County, Apple Valley, Hesperia and Victorville representatives will be on-hand during today's meeting to discuss approaches that have worked in the past and brainstorm new ideas for reducing stormwater pollution that enters the river.

*Rene De La Cruz may be reached at [Rene@AppleValley-Review.com](mailto:Rene@AppleValley-Review.com).*

### Tips for preventing stormwater pollution

In the home:

- Use water-based paints whenever possible.
- Never clean brushes or rinse paint containers in the street, gutter or near a storm drain.
- Store paints and paint products-related products inside rigid, durable and watertight containers.
- Recycle leftover paint at a household hazardous waste collection facility, save it for touch ups or donate it to an organization.

In the Garden:

- Avoid applying pesticides and fertilizers near driveways or gutters, or before it's expected to rain.
- Spot apply pesticides and herbicides, rather than blanketing an entire area.
- Take unwanted lawn and garden chemicals to a free household hazardous waste collection site.
- Use non-toxic products for your garden and lawn whenever possible.
- Recycle leaves, grass clippings and other yard waste.
- Prevent erosion, which washes sediment, debris and toxic runoff into the storm drain system.

Around pets and livestock:

- Pick up after your pet; don't hose animal areas down to streams or storm drains.
- If possible, bathe your pets indoors, using less toxic shampoos, or have your pet professionally groomed.
- Site barns, corrals and other high-use areas on the portions of the property that drain away from the nearest creek or storm drain.

Report pollution by calling (800) 78-CRIME. To report serious spill emergencies, call 911.

Source: [www.MojaveRiver.org](http://www.MojaveRiver.org)

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## News

### VOTE CLEARS STATE TO SEEK EMINENT DOMAIN FOR DRILLING ON DELTA PROPERTIES

By **Alex Breitler**

November 18, 2011  
Record Staff Writer

The state may use eminent domain to investigate a giant new aqueduct that would carry water past, rather than through, the Delta, the California Water Commission decided Wednesday.

State officials want to drill on farmers' lands to determine the best route for the aqueduct, possibly a \$12 billion tunnel buried hundreds of feet below ground.

Most landowners have refused access. So the commission voted Wednesday to allow the state Department of Water Resources to go to court and seek permanent easements allowing them to do the required tests.

The easements will be small - about 16 square feet, maybe the size of a large beach towel. But attorneys representing Delta landowners complain that it's still unclear exactly where the state will drill. That could be a problem for rural farmers with wells and irrigation lines, said Stockton attorney Thomas Keeling, who represents about 100 landowners.

"When you condemn (land), you're supposed to know where it is you're condemning," he said. "Otherwise, how is the landowner supposed to evaluate this?"

Landowners also fear this is another step toward the actual construction of such a tunnel, which they believe will destroy their crops by diverting much of the Delta's freshwater flow toward Southern California. Wednesday's action marks the first eminent domain action in the ongoing battle over a peripheral canal or tunnel.

Commissioners had declined last month to authorize eminent domain, saying in part that they wanted the state to reach out to landowners in an attempt to settle out of court.

Water Resources says it has called the landowners, sent letters and emails, and visited their homes or businesses, leaving door hangers and business cards.

Nevertheless, only two of the 46 landowners have settled, according to Water Resources documents. Eminent domain is necessary, the department says, to keep the project on schedule.

Although legally permanent, the easements will be granted back to landowners once the work is finished. The drill holes - about the size of a softball - will be filled with grout and abandoned.

"As soon as we're done, they can go back and utilize their property as they see fit," said Water Resources land agent Allan Davis.

Wednesday's action involved about 20 landowners in Sacramento County, near where the tunnel would start along the Sacramento River. Keeling said he expects the commission to eventually take up more eminent domain requests involving landowners in San Joaquin County and the south Delta.

Contact reporter Alex Breitler at (209) 546-8295 or [abreitler@recordnet.com](mailto:abreitler@recordnet.com). Visit his blog at [recordnet.com/breitlerblog](http://recordnet.com/breitlerblog).

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## News

### MAPS HELP UTILITIES, OTHERS PINPOINT SOLUTIONS

#### PROTECTING WATER SUPPLY, NUMEROUS RESOURCES KEY, FOREST OFFICIALS SAY

By *Dana M. Nichols*

November 27, 2011  
Record Staff Writer

SAN ANDREAS - New maps posted online this month by the U.S. Forest Service pinpoint where the nation's drinking water is most jeopardized by wildfires and other threats to high-country forests.

One of the hot spots, according to the maps, is the headwaters of the Mokelumne River in the high Sierra east of Stockton.

The new mapping effort is called Forests to Faucets. The data behind it is why water utilities in some western cities now help pay to maintain portions of nearby national forests.

Some water utilities have concluded that by spending a few million dollars a year thinning overgrown forests, they can avoid high-intensity fires that could send mudslides into reservoirs and cost tens of millions of dollars.

On one of the new maps, dark blue zones in the Mokelumne headwaters indicate how much drinking water comes from Sierra snow fields. On another map, dark blue shows the high risk that wildfire poses to that water supply.

Talks still in their early stages could make the Mokelumne headwaters the first in California to use this "avoided risk" model to set up arrangements where water users in major cities help pay to protect their water supply.

"The message for the Sierra Nevada is in some of our watersheds we haven't had that high severity fire yet that is going to lead to all of these costs and compromising the water quality and supply," said Kim Carr, sustainable initiatives coordinator for the Sierra Nevada Conservancy.

"Let's not sit back and wait for it," Carr said. "We've already seen other communities suffer from this."

Those communities include Denver and Santa Fe, N.M., where forest fires that contaminated and constrained water supply prompted the utilities to begin paying for prevention and restoration work in forests.

The Sierra Nevada Conservancy is a California government agency charged with promoting the economic and environmental health of the Sierra Nevada. Carr and other Conservancy leaders are facilitating talks on the Mokelumne watershed that include the U.S. Forest Service, the federal Bureau of Land Management, and a variety of other entities including Woodbridge Irrigation District and East Bay Municipal Utility District.

Traditionally, it has fallen to U.S. taxpayers to shoulder the cost of putting out fires and maintaining national forests, even if local interests are the primary beneficiaries. Downstream water users are not necessarily thrilled to be asked to help pay for keeping their drinking water clean.

Bruce Goines, ecosystem services leader for Pacific Southwest Region of the Forest Service, noted that even after fires in 1996 and 2002 contaminated Denver's water supply, it took almost a decade of talks before water officials and forest managers agreed on what was wrong and how to solve it.

"It's extremely complicated," Goines said.

By this coming winter, Goines said he and other members of the Mokelumne Watershed Environmental Markets Initiative expect to complete an "avoided costs" analysis. That is supposed to tell how much disasters are likely to cost and whether there are cost-effective ways to avoid the impacts.

Richard Sykes is director of water and natural resources for East Bay Municipal Utility District, the biggest water user on the Mokelumne. Sykes said there are significant differences between the Mokelumne and the watershed that serves Denver.

For one thing, EBMUD doesn't own the higher-altitude reservoirs most likely to fill with mud, ash and sand after a fire. Those belong to Pacific Gas and Electric Company.

Also, Sykes noted that the 13,604-acre Power Fire in the Eldorado National Forest in 2004 sent very little sediment downstream into EBMUD's Pardee Reservoir.

Still, he said EBMUD will wait to see whether the analysis indicates a watershed services deal "is economically justified for us."

Water insiders say the elephant in the room in California watershed services is the Stockton San Joaquin Delta.

The water provided by the Mokelumne is just a sliver of the water that drains from national forests to rivers such as the American, Plumas, Feather and Sacramento.

It gets mingled in the Delta and then pumped south. That means it is difficult to make the connection between a particular forest and the water coming out of a faucet in San Diego, Long Beach or Los Angeles.

In contrast, a sealed aqueduct carries Mokelumne water east to EBMUD's customers.

Goines said the clear connection between the Mokelumne and end users makes the watershed services effort there more likely to succeed than similar efforts during the 1990s that involved water shipped through the Delta.

"There were counties in California that were working very hard to develop partnerships with southern California water agencies," Goines said. "They just could not draw the thin blue line between management, say, in the Plumas watershed and quality of water delivered to a tap user in Los Angeles."

Contact reporter Dana M. Nichols at (209) 607-1361 or [dnichols@recordnet.com](mailto:dnichols@recordnet.com). Visit his blog at [recordnet.com/calaverasblog](http://recordnet.com/calaverasblog).

## On the Web

Interactive maps with water supply data for U.S. forests can be seen at [www.fs.fed.us/ecosystemservices/FS\\_Efforts/forests2faucets.shtml](http://www.fs.fed.us/ecosystemservices/FS_Efforts/forests2faucets.shtml).

## Scientists propose thinning forests to enhance runoff

Date: 2011-11-30

Contact: James Leonard

Phone: (209) 228-4406

Email: [jleonard3@ucmerced.edu](mailto:jleonard3@ucmerced.edu)

MERCED — Runoff from the Sierra Nevada, a critical source of California's water supply, could be enhanced by thinning forests to historical conditions, [according to a report](#) from a team of scientists with the University of California, Merced, UC Berkeley and the Environmental Defense Fund.

The team proposes to test the hypothesis that forest-management strategies that use thinning to reduce fire risk and maintain the historical mix can also increase water yield and extend the snowpack in the Sierra Nevada.

The scientists suggest that by selectively reducing the number of trees — which use large amounts of the water received through precipitation — the amount of water that is released from the forest as runoff could increase. This enhanced runoff could make things easier for farmers and water managers statewide.

As part of the Sierra Nevada Watershed Ecosystem Enhancement Project (SWEET), the scientists plan to reduce forest density in test areas and examine the impacts on water runoff, forest health and other ecosystem services, and provide a template for broader forest management in the Sierra Nevada.

The thinning of forests, which are much denser now than in past centuries, is already a common practice to reduce the risk of wildfires. The scientists also believe thinning can be done in ways that enhance the forests' overall ecological health.

"It is critical to test these thinning prescriptions in well-controlled, well-monitored experimental areas to evaluate and verify the effects before applying them statewide," said lead author Roger Bales, a UC Merced professor and director of the [Sierra Nevada Research Institute](#). "Reductions in forest density to enhance runoff have been attempted in past experiments, but never over a sustained period of time, and never under the conditions that currently exist in the Sierra Nevada."

California's water supply has been diminished by drought in recent years, and climate change is only exacerbating the problem, the researchers said. Warmer temperatures mean more rain and less snow, which leads to runoff that comes earlier in the year. Warming can also lengthen the growing season for trees and other plants, reducing runoff, and the warmer, drier conditions have been shown to increase the frequency and severity of wildfires.

Reducing forest density can help counter the effects of climate warming on runoff, they said, in addition to enhancing the runoff directly.

"Climate change is having and will have direct effects on the water supply and storage capacity of the Sierra Nevada forests," said UC Berkeley professor John Battles, one of the researchers on the project. "Management with an eye toward the water balance provides one potentially important mitigation tool."

Other researchers on the project include Yihsu Chen, Martha H. Conklin and Philip Saksa of UC Merced; Kevin L. O'Hara and William Stewart of UC Berkeley; and Eric Holst of the Environmental Defense Fund.

**UC Merced** opened Sept. 5, 2005, as the 10th campus in the University of California system and the first American research university of the 21st century. The campus significantly expands access to the UC system for students throughout the state, with a special mission to increase college-going rates among students in the San Joaquin Valley. It also serves as a major base of advanced research and as a stimulus to economic growth and diversification throughout the region. Situated near Yosemite National Park, the university is expected to grow rapidly, topping out at about 25,000 students within 30 years.





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