



CHINO BASIN WATERMASTER



NOTICE OF MEETINGS

Thursday, November 8, 2007

10:00 a.m. – Joint Appropriative and Non-Agricultural Pool Meeting

AT THE CHINO BASIN WATERMASTER OFFICES

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

Tuesday, November 13, 2007

9:00 a.m. – Agricultural Pool Meeting

AT THE INLAND EMPIRE UTILITIES AGENCY OFFICES

6075 Kimball Ave. Bldg. A Board Room
Chino, CA 91710
(909) 993-1600



CHINO BASIN WATERMASTER

Thursday, November 8, 2007

10:00 a.m. – Joint Appropriative & Non-Ag Pool Meeting

Tuesday, November 13, 2007

9:00 a.m. – Agricultural Pool Meeting

AGENDA PACKAGE



CHINO BASIN WATERMASTER
JOINT APPROPRIATIVE & NON-AGRICULTURAL POOL MEETING

10:00 a.m. – November 8, 2007

At The Offices Of

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

AGENDA

CALL TO ORDER

AGENDA - ADDITIONS/REORDER

I. **CONSENT CALENDAR**

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

A. **MINUTES**

1. Minutes of the Joint Appropriative and Non-Agricultural Pool Meeting held October 11, 2007
(Page 1)

B. **FINANCIAL REPORTS**

1. Cash Disbursements for the month of October 2007 (Page 9)
2. Watermaster Visa Check Detail (Page 13)
3. Combining Schedule for the Period July 1, 2007 through September 30, 2007 (Page 15)
4. Treasurer's Report of Financial Affairs for the Period September 1, 2007 through September 30, 2007 (Page 17)
5. Profit & Loss Budget vs. Actual July 2007 through September 2007 (Page 19)

II. **BUSINESS ITEMS**

A. **CYCLIC STORAGE AGREEMENT**

Consider Approval for the Cyclic Storage Agreement (Page 21)

III. **REPORTS/UPDATES**

A. **WATERMASTER GENERAL LEGAL COUNSEL REPORT**

1. November 29, 2007 Peace II Hearing
2. November 15, 2007 MZ1 Hearing
3. Hanson Aggregates
4. Water Right Permit 19895

B. **ENGINEERING REPORT**

1. Engineering Update

C. **FINANCIAL REPORT**

1. Assessment Package Update

D. CEO/STAFF REPORT

1. Legislative Update
2. Recharge Update

IV. INFORMATION

1. Newspaper Articles (*Page 25*)

V. POOL MEMBER COMMENTS

VI. OTHER BUSINESS

VII. FUTURE MEETINGS

- | | | |
|---------------------|------------|---|
| November 8, 2007 | 10:00 a.m. | Appropriative & Non-Agricultural Pool Meeting |
| * November 13, 2007 | 9:00 a.m. | Agricultural Pool Meeting @ IEUA |
| * November 15, 2007 | 9:00 a.m. | Advisory Committee Meeting |
| * November 15, 2007 | 11:00 a.m. | Watermaster Board Meeting |

* Notes a change in the normal monthly meeting date

Meeting Adjourn

**CHINO BASIN WATERMASTER
AGRICULTURAL POOL MEETING**

9:00 a.m. – November 13, 2007
At The Offices Of
Inland Empire Utilities Agency
6075 Kimball Ave, Bldg. A, Board Room
Chino, CA 91710

AGENDA

CALL TO ORDER

AGENDA - ADDITIONS/REORDER

I. CONSENT CALENDAR

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

A. MINUTES

1. Minutes of the Agricultural Pool Meeting held October 17, 2007 *(Page 5)*

B. FINANCIAL REPORTS

1. Cash Disbursements for the month of October 2007 *(Page 9)*
2. Watermaster Visa Check Detail *(Page 13)*
3. Combining Schedule for the Period July 1, 2007 through September 30, 2007 *(Page 15)*
4. Treasurer's Report of Financial Affairs for the Period September 1, 2007 through September 30, 2007 *(Page 17)*
5. Profit & Loss Budget vs. Actual July 2007 through September 2007 *(Page 19)*

II. BUSINESS ITEMS

A. CYCLIC STORAGE AGREEMENT

Consider Approval for the Cyclic Storage Agreement *(Page 21)*

III. REPORTS/UPDATES

A. WATERMASTER GENERAL LEGAL COUNSEL REPORT

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B. ENGINEERING REPORT

1. Engineering Update

C. FINANCIAL REPORT

1. Assessment Package Update

D. CEO/STAFF REPORT

1. Legislative Update
2. Recharge Update

IV. INFORMATION

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VII. FUTURE MEETINGS

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|---------------------|------------|---|
| November 8, 2007 | 10:00 a.m. | Appropriative & Non-Agricultural Pool Meeting |
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| * November 15, 2007 | 11:00 a.m. | Watermaster Board Meeting |

* Notes a change in the normal monthly meeting date

Meeting Adjourn



CHINO BASIN WATERMASTER

I. CONSENT CALENDAR

A. MINUTES

1. Joint Appropriative & Non-Agricultural Pool Meeting – October 11, 2007



Draft Minutes
CHINO BASIN WATERMASTER
JOINT APPROPRIATIVE & NON-AGRICULTURAL POOL MEETING
October 11, 2007

The Joint Appropriative and Non-Agricultural Pool Meeting were held at the offices of Chino Basin Watermaster, 9641 San Bernardino Road, Rancho Cucamonga, CA, on October 11, 2007 at 10:00 a.m.

APPROPRIATIVE POOL MEMBERS PRESENT

Raul Garibay, Chair	City of Pomona
Mark Kinsey	Monte Vista Water District
Robert DeLoach	Cucamonga Valley Water District
Robert Young	Fontana Union Water Company
Charles Moorrees	San Antonio Water Company
Robert Tock	Jurupa Community Services District
Ken Jeske	City of Ontario
Anthony La	City of Upland
Dave Crosley	City of Chino

NON-AGRICULTURAL POOL MEMBERS PRESENT

Kevin Sage	Vulcan Materials Company (Calmat Division)
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Watermaster Board Members Present

Sandra Rose	Monte Vista Water District
Terry Catlin	Inland Empire Utilities Agency

Watermaster Staff Present

Ken Manning	CEO
Sheri Rojo	CFO/Asst. General Manager
Danielle Maurizio	Senior Engineer
Sherri Lynne Molino	Recording Secretary

Watermaster Consultants Present

Michael Fife	Hatch & Parent
Mark Wildermuth	Wildermuth Environmental Inc.

Others Present

Marty Zvirbulis	Cucamonga Valley Water District
Rick Hansen	Three Valleys Municipal Water District
David DeJesus	Three Valleys Municipal Water District
Ron Craig	RBF Consulting

Chair Garibay called the joint Appropriative and Non-Agricultural Pool meeting to order at 10:05 a.m.

AGENDA - ADDITIONS/REORDER

No additions or reorders were made to the agenda.

I. CONSENT CALENDAR

A. MINUTES

1. Minutes of the Joint Appropriative and Non-Agricultural Pool Meeting held September 13, 2007

B. FINANCIAL REPORTS

1. Cash Disbursements for the month of September 2007
2. Watermaster Visa Check Detail
3. Combining Schedule for the Period July 1, 2007 through August 31, 2007
4. Treasurer's Report of Financial Affairs for the Period August 1, 2007 through August 31, 2007
5. Profit & Loss Budget vs. Actual July 2007 through August 2007

A brief discussion ensued with regard to an invoice for the Agricultural Pool.

*Motion by Jeske, second by DeLoach and by unanimous vote – Non-Ag concurred
Moved to approve Consent Calendar items A through B, as presented*

II. BUSINESS ITEMS**A. INTERVENTION – FUJI NATURAL FOOD INC.**

Mr. Manning stated this item was discussed in detail at a prior pool meeting. Based upon review of the documents provided by Fuji Natural Foods, staff recommends this company be placed in the Agricultural Pool. Fuji Natural Foods grows food hydroponically and then packages it for distribution. Fuji Natural Foods has a fairly large operation and staff has discovered recently they do have wells on their property and that they need to intervene into the Judgment. Fuji Food made that intervention request to Watermaster staff. Mr. Sage from the Overlying Non-Agricultural Pool distributed a letter written by Mr. Bowcock with regard to the intervention into the Agricultural Pool. Mr. Manning stated Ms. Maurizio from our office is currently writing a letter to the counties that we work with requesting that they notify Watermaster prior to a well permit being issued so that Watermaster can follow up with the potential interventions. Mr. Jeske asked that Watermaster staff checked on past letters that may have been sent to the counties with regard to this issue and then possibly ask them why they are not complying with our past requests to be notified. A lengthy discussion ensued with regard to this matter.

*Motion by DeLoach, second by Kinsey and by unanimous vote
Moved to approve the intervention into the Chino Basin Watermaster Agricultural Pool party, as presented*

*Motion by Non-Agricultural, Sage
Moved to approve the intervention into the Chino Basin Watermaster Agricultural Pool party with the caveat that Chino Basin Watermaster staff conduct a complete audit of the pools to determine if the parties are indeed properly assigned, as presented*

B. PEACE II AND MZ1 LONG TERM PLAN

Counsel Fife stated staff is not asking for any action on this item. Counsel Fife stated there are a few documents on the back table for review; one is the stipulation for the MZ1 Long Term Plan which was approved by the Watermaster Board, another is an excerpt from the Peace II Agreement and a pleading. The pleading will be filed today with the court; it is the filing of the conformed copy of the MZ1 Long Term Plan. As part of the stipulation in paragraph three of the stipulation, it was agreed upon to add a few elements to the MZ1 Long Term Plan; those elements were added on pages 2-6. The other document that we needed to conform to the stipulation was the Peace II Agreement; which was section 8.4 relating to the requirement to do 6,500 acre-feet of recharge. Staff is handing these items out to advise of the changes that were made. Counsel Fife stated comments can still be received on these documents. Counsel Fife stated a copy of the actual Peace II Agreement was not made available until this morning because a conference call was going to take place yesterday, and staff was allowing time to make any changes. Counsel Fife stated no motion is being asked for today, staff is just making the parties aware of the sections that were moved around in the documents; all language has already been approved by the Watermaster Board. A brief discussion ensued with regard to the Peace II documents.

III. REPORTS/UPDATES**A. WATERMASTER GENERAL LEGAL COUNSEL REPORT**

1. Peace II Documents – Transmittal Pleading re November 29, 2007 Hearing
Counsel Fife stated a draft of the transmittal pleading is not fully completed at this time; it is being worked on presently and will be distributed early next week. The filing deadline is October 26, 2007 with a November 29, 2007 hearing on the Peace II documents at 1:30 p.m.
2. Subsidence Long Term Plan November 15, 2007 Hearing
Counsel Fife stated the hearing regarding the Subsidence Long Term Plan is still scheduled for November 15, 2007 and it does not appear that there will be any opposition to the plan. The Special Referee's Report on the MZ1 Long Term Plan is due October 12, 2007 and will be distributed to the parties. A discussion ensued with regard to the previously scheduled technical workshop which was cancelled. Even though the court cancelled the workshop, Mr. Scalmanini noted he still needed some technical clarification and instead of an actual workshop, Ms. Schneider and Mr. Scalmanini met at the Watermaster office with other technical staff. Counsel Fife stated we will not know what the report will say for sure until it is released. A brief discussion ensued with regard to this item.

B. FINANCIAL REPORT

1. Water Activity Reports Update
Ms. Rojo stated the Water Activity Reports have been mailed out all with the exception of one and staff is working on that one internally.

C. CEO/STAFF REPORT

1. Legislative Update
Mr. Manning stated the Legislature has until Monday to qualify a bond measure for the February ballot. The republicans and the governor seem to be falling away when it comes to surface storage issues. The difference between republicans and democrats appears to be on the language with the bypass facility. The democrats have language in there that prohibits any money from the bonds being used on any kind of a bypass facility and the republicans and the governor's proposal is to use the Blue Ribbon Task Force recommendations to determine whether or not that would be an issue to include with the bonds. The real language debates come from surface storage issues.
2. Recharge Update
Mr. Manning stated we have had very little recharge. Patrick Shields is going to be here at the Advisory Committee meeting to give a presentation on recycled water recharge. The Watermaster recharge chart that is created monthly is available on the back table for your review.
3. Strategic Planning Report
Mr. Manning stated from staffs' perspective it was a very good day to realign ourselves in terms of some of the discussions on what we are doing here at Watermaster presently and in the Chino Basin. It gave parties an opportunity to see and hear what we have done in the past year since our first Strategic Planning Conference a year ago. This year we will be refining what we did last year through the present and next year we will be starting over with new plans and ideas. Staff felt the conference was well attended and went very smoothly with the issues that need to be addressed.

IV. INFORMATION

1. Newspaper Articles
No comment was made regarding this item.

V. POOL MEMBER COMMENTS

No comment was made regarding this item.

VI. OTHER BUSINESS

No comment was made regarding this item.

VII. FUTURE MEETINGS

October 11, 2007	10:00 a.m.	Appropriative & Non-Agricultural Pool Meeting
October 16, 2007	9:00 a.m.	Agricultural Pool Meeting @ IEUA
October 25, 2007	9:00 a.m.	Advisory Committee Meeting
October 25, 2007	11:00 a.m.	Watermaster Board Meeting

The Appropriative and Non-Agricultural Pool committee meeting was dismissed at 10:35 a.m.

Secretary: _____

Minutes Approved: _____



CHINO BASIN WATERMASTER

I. CONSENT CALENDAR

A. MINUTES

1. Agricultural Pool Meeting – October 17, 2007



Draft Minutes
CHINO BASIN WATERMASTER
AGRICULTURAL POOL MEETING

October 17, 2007 – Rescheduled from October 16, 2007

The Agricultural Pool Meeting was held at the offices of the Inland Empire Utilities Agency, 6075 Kimball Avenue, Chino, CA, on October 17, 2007 at 1:00 p.m. which was rescheduled from October 16, 2007.

Agricultural Pool Members Present

Bob Feenstra, Chair	Dairy
Nathan deBoom	Dairy
Gene Koopman	Milk Producers Council
Rob Vanden Heuvel	Milk Producers Council
Jeff Pierson	Crops
Glen Durrington	Crops
John Huitsing	Dairy
Pete Hettinga	Dairy
Edward Gonsman	State of California CIM
Dan Hostetler	Cal Poly

Watermaster Board Members Present

Geoffrey Vanden Heuvel	Dairy
Paul Hofer	Crops

Watermaster Staff Present

Sheri Rojo	CFO/Asst. General Manager
Danielle Maurizio	Senior Engineer
Sherri Lynne Molino	Recording Secretary

Watermaster Consultants Present

Michael Fife	Hatch & Parent
Andy Malone	Wildermuth Environmental Inc.

Others Present

Steven Lee	Reid & Hellyer
Rick Rees	Geomatrix for CIM
Jennifer Novak	DOJ – State of California
Ray Bennett	State of California – CIM

Chair Feenstra called the Agricultural Pool meeting to order at 1:09 p.m.

AGENDA - ADDITIONS/REORDER

There were no additions or reorders made to the agenda.

I. CONSENT CALENDAR

A. MINUTES

1. Minutes of the Agricultural Pool Meeting held September 18, 2007

B. FINANCIAL REPORTS

1. Cash Disbursements for the month of September 2007
2. Watermaster Visa Check Detail
3. Combining Schedule for the Period July 1, 2007 through August 31, 2007

4. Treasurer's Report of Financial Affairs for the Period August 1, 2007 through August 31, 2007
5. Profit & Loss Budget vs. Actual July 2007 through August 2007

Motion by Durrington, second by Pierson and by unanimous vote

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

II. BUSINESS ITEMS

A. INTERVENTION – FUJI NATURAL FOOD INC.

Ms. Rojo stated this item was discussed in detail at a prior pool meeting. Based upon our review of the documents provided by Fuji Natural Foods, staff recommends this company be placed in the Agricultural Pool. Fuji Natural Foods grows food hydroponically and then packages it for distribution. Fuji Natural Foods has a fairly large operation and staff has discovered recently they do have wells on their property and that they need to intervene into the Judgment. Fuji Food made that intervention request to Watermaster staff. The Agricultural Pool Committee members inquired as to why this item was coming back to this pool again since it was approved in August. Counsel Fife commented on the recommendation made at the Advisory Committee meeting in August and at the Appropriative and Non-Agricultural Pool last week. Counsel Fife noted the caveat made by the Non-Agricultural Pool in wanting staff to conduct a complete audit of the pools to determine if the parties are indeed properly assigned. Mr. Durrington inquired as to how much water is being used at this facility. Ms. Maurizio noted it is estimated that Fuji Natural Foods was using anywhere from 600 to 800 acre-feet per year. A discussion ensued with regard to this matter.

Motion by Pierson, second by Koopman and by unanimous vote

Moved to approve the intervention into the Chino Basin Watermaster Agricultural Pool party, as presented

B. PEACE II AND MZ1 LONG TERM PLAN

Counsel Fife stated that we will not need to take action take on this item today. There are documents on the back table for review; one is the stipulation for the MZ1 Long Term Plan which was approved by the Watermaster Board, another item is an excerpt from the Peace II Agreement and a pleading. The pleading will be filed today with the court; it is the filing of the conformed copy of the MZ1 Long Term Plan. As part of the stipulation in paragraph three of the stipulation, it was agreed upon to add a few elements to the MZ1 Long Term Plan; those elements were added on page 2-6. The other document that we needed to conform to the stipulation was the Peace II Agreement; which was section 8.4 relating to the requirement to 6,500 acre-feet of recharge. Staff is handing these items out to advice of the changes that were made. Counsel Fife stated comments can still be received on these documents. Counsel Fife stated when the Peace II documents were approved by the pools, Advisory Committee, and the Watermaster Board, there was a commitment made by Watermaster that the approval was subject to convening a separate negotiation, in order to decide what to do about the assessment issue and the claim that Watermaster was required under the Judgment to reconsider the assessment calculations. The document that has been handout out right now is the result of that process; it is an agreement between the parties about how some of the measures in Peace II can be slightly adjusted in order to make up some of the apparent economic disparity. We do have conceptual agreement on this document by all the parties; however, there are still some minor adjustments that need to be made to it. Counsel Fife stated no motion is being asked for today, staff is just making the parties aware of the cut and paste sections that were moved around in the documents; all language has already been approved by the Watermaster Board. Counsel Fife mentioned there are still some details on certain items that Watermaster is working on with Inland Empire Utilities Agency (IEUA) and there is a meeting scheduled for tomorrow with IEUA's staff and some Appropriators to discuss this matter further. A discussion ensued with regard to yield and basin re-operation. Mr. Geoffrey Vanden Heuvel offered comment regarding re-operation with the validation of the Wildermuth model which was done by Mr. Scalmanini. It was noted that the Scalmanini Report noted the Wildermuth Model was

sufficient in its present form for what it was being used for; however, it needed to be refined for better results. Mr. Scalmanini was told at the time of the release of his report that Wildermuth was in fact refining the model as he was writing his report. The revised Wildermuth Report on the recalibrated model should be released in draft form soon. Counsel Fife stated in working with Mr. Wildermuth over the years, the changing and/or refining of his work and opinions is always taking place on a constant basis because the basin changes and the needs of the basin change. Mr. Malone offered comment regarding the model and what the model represents with and without re-operation. Mr. Malone stated that it appears this pool needs Mr. Wildermuth to come and explain the recalibrated model and its results in greater detail. Chair Feenstra stated he did want Mr. Malone to make Mr. Wildermuth aware that a full presentation needed to be given shortly to this pool on re-operation and hydraulic control. A lengthy discussion ensued with regard to this matter.

III. REPORTS/UPDATES

A. WATERMASTER GENERAL LEGAL COUNSEL REPORT

1. Peace II Documents – Transmittal Pleading re November 29, 2007 Hearing

Counsel Fife stated a draft of the transmittal pleading is not fully completed at this time; it is being worked on presently and will be distributed early next week. The filing deadline is October 26, 2007 with a November 29, 2007 hearing on the Peace II documents at 1:30 p.m.

2. Subsidence Long Term Plan November 15, 2007 Hearing

Counsel Fife stated the hearing regarding the Subsidence Long Term Plan is still scheduled for November 15, 2007 and it does not appear that there will be any opposition to the plan. The Special Referee's Report on the MZ1 Long Term Plan is due October 12, 2007 and will be distributed to the parties. A discussion ensued with regard to the previously scheduled technical workshop which was cancelled. Even though the court cancelled the workshop, Mr. Scalmanini noted he still needed some technical clarification and instead of an actual workshop, Ms. Schneider and Mr. Scalmanini met at the Watermaster office with other technical staff. A brief discussion ensued with regard to this item.

B. FINANCIAL REPORT

1. Water Activity Reports Update

Ms. Rojo stated the Water Activity Reports have been mailed out all with the exception of one and staff is working on that one internally.

C. CEO/STAFF REPORT

1. Legislative Update

No comment was made regarding this item.

2. Recharge Update

Ms. Rojo noted the Recharge handout is available on the back table for review.

3. Strategic Planning Report

Ms. Rojo noted the Strategic Planning Conference went good and was well attended.

IV. INFORMATION

1. Newspaper Articles

No comment was made regarding this item.

V. POOL MEMBER COMMENTS

No comment was made regarding this item.

VI. OTHER BUSINESS

Ms. Rojo discussed with the Agricultural Pool members the need to change the date of the November meeting due to the Thanksgiving Holiday. It was noted the Agricultural Pool meeting will change from Tuesday, November 20, 2007 to Tuesday, November 13, 2007 at 9:00 a.m. at IEUA.

VII. FUTURE MEETINGS

October 11, 2007	10:00 a.m.	Appropriative & Non-Agricultural Pool Meeting
October 16, 2007	9:00 a.m.	Agricultural Pool Meeting @ IEUA
October 25, 2007	9:00 a.m.	Advisory Committee Meeting
October 25, 2007	11:00 a.m.	Watermaster Board Meeting

The Agricultural Pool committee meeting was dismissed at 2:23 p.m.

Secretary: _____

Minutes Approved: _____



CHINO BASIN WATERMASTER

I. CONSENT CALENDAR

B. FINANCIAL REPORTS

1. Cash Disbursements for the month of October 2007
2. Watermaster Visa Check Detail
3. Combining Schedule of Revenue, Expenses and Changes in Working Capital for the Period July 1, 2007 through September 30, 2007
4. Treasurer's Report of Financial Affairs for the Period September 1, 2007 through September 30, 2007
5. Profit & Loss Budget vs. Actual July 2007 through September 2007





CHINO BASIN WATERMASTER

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

KENNETH R. MANNING
Chief Executive Officer

STAFF REPORT

DATE: November 8, 2007
November 13, 2007
November 15, 2007

TO: Committee Members
Watermaster Board Members

SUBJECT: Cash Disbursement Report – October 2007

SUMMARY

Issue – Record of cash disbursements for the month of October 2007.

Recommendation – Staff recommends the Cash Disbursements for September 2007 be received and filed as presented.

Fiscal Impact – Funds disbursed were included in the FY 2007-08 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 September 2007 were \$721,510.11. The most significant expenditures during the month were Wildermuth Environmental Inc. in the amount of \$316,739.77, Inland Empire Utilities Agency in the amount of \$190,000.00, and Hatch and Parent in the amount of \$109,832.34.

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CHINO BASIN WATERMASTER
Cash Disbursement Detail Report
October 2007

	Type	Date	Num	Name	Amount
Oct 07	Bill Pmt -Check	10/2/2007	11753	ETIWANDA GARDENS	-1,355.85
	Bill Pmt -Check	10/3/2007	11754	JUAN POLLO	-140.06
	Bill Pmt -Check	10/4/2007	11755	APPLIED COMPUTER TECHNOLOGIES	-1,837.50
	Bill Pmt -Check	10/4/2007	11756	BOWCOCK, ROBERT	-250.00
	Bill Pmt -Check	10/4/2007	11757	BOWMAN, JIM	-250.00
	Bill Pmt -Check	10/4/2007	11758	CA SOCIETY OF MUNICIPAL FINANCE OFFICERS	-110.00
	Bill Pmt -Check	10/4/2007	11759	DE BOOM, NATHAN	-500.00
	Bill Pmt -Check	10/4/2007	11760	DELUXE BUSINESS FORMS & SUPPLIES	-76.50
	Bill Pmt -Check	10/4/2007	11761	DURRINGTON, GLEN	-500.00
	Bill Pmt -Check	10/4/2007	11762	FEENSTRA, BOB	-875.00
	Bill Pmt -Check	10/4/2007	11763	GLOBAL PRESENTER.COM	-250.00
	Bill Pmt -Check	10/4/2007	11764	HETTINGA, PETER	-375.00
	Bill Pmt -Check	10/4/2007	11765	HSBC BUSINESS SOLUTIONS	-1,080.95
	Bill Pmt -Check	10/4/2007	11766	HUITSING, JOHN	-375.00
	Bill Pmt -Check	10/4/2007	11767	INLAND EMPIRE UTILITIES AGENCY	-190,000.00
	Bill Pmt -Check	10/4/2007	11768	KOOPMAN, GENE	-250.00
	Bill Pmt -Check	10/4/2007	11769	KUHN, BOB	-250.00
	Bill Pmt -Check	10/4/2007	11770	MEDIA JIM	-900.00
	Bill Pmt -Check	10/4/2007	11771	MONTE VISTA WATER DIST	-500.00
	Bill Pmt -Check	10/4/2007	11772	OFFICE DEPOT	-393.82
	Bill Pmt -Check	10/4/2007	11773	PARK PLACE COMPUTER SOLUTIONS, INC.	-6,450.00
	Bill Pmt -Check	10/4/2007	11774	PAYCHEX	-183.36
	Bill Pmt -Check	10/4/2007	11775	POWERS ELECTRIC PRODUCTS CO.	-739.89
	Bill Pmt -Check	10/4/2007	11776	PURCHASE POWER	-326.84
	Bill Pmt -Check	10/4/2007	11777	REID & HELLYER	-19,222.14
	Bill Pmt -Check	10/4/2007	11778	SAFETY CLEAN JANITORIAL SERVICES	-617.25
	Bill Pmt -Check	10/4/2007	11779	TLC STAFFING	-656.00
	Bill Pmt -Check	10/4/2007	11780	VANDEN HEUVEL, GEOFFREY	-250.00
	Bill Pmt -Check	10/4/2007	11781	VERIZON	-50.11
	Bill Pmt -Check	10/4/2007	11782	WILLIS, KENNETH	-375.00
	Bill Pmt -Check	10/4/2007	11783	YUKON DISPOSAL SERVICE	-142.88
	Bill Pmt -Check	10/4/2007	11784	PIERSON, JEFFREY	-1,250.00
	General Journal	10/6/2007	07/10/4	PAYROLL	-7,167.81
	General Journal	10/6/2007	07/10/4	PAYROLL	-22,601.57
	Bill Pmt -Check	10/10/2007	11785	BERKELEY ECONOMIC CONSULTING, INC.	-21,700.00
	Bill Pmt -Check	10/10/2007	11786	CITISTREET	-2,993.23
	Bill Pmt -Check	10/10/2007	11787	HATCH AND PARENT	-109,832.34
	Bill Pmt -Check	10/10/2007	11788	NORDBAK'S PROMOTIONAL PRODUCTS	-63.21
	Bill Pmt -Check	10/10/2007	11789	OFFICE DEPOT	-577.75
	Bill Pmt -Check	10/10/2007	11790	PETTY CASH	-540.18
	Bill Pmt -Check	10/10/2007	11791	PREMIERE GLOBAL SERVICES	-1,309.66
	Bill Pmt -Check	10/10/2007	11792	RICOH BUSINESS SYSTEMS-Maintenance	-1,001.00
	Bill Pmt -Check	10/10/2007	11793	SAFEGUARD DENTAL & VISION	-13.32
	Bill Pmt -Check	10/10/2007	11794	STANTEC CONSULTING, INC.	-1,998.00
	Bill Pmt -Check	10/10/2007	11795	THE FURMAN GROUP, INC.	-2,570.00
	Bill Pmt -Check	10/10/2007	11796	TLC STAFFING	-656.00
	Bill Pmt -Check	10/10/2007	11797	UNION 76	-101.25
	Bill Pmt -Check	10/10/2007	11798	UNITED PARCEL SERVICE	-417.22
	Bill Pmt -Check	10/10/2007	11799	VERIZON	-366.76
	Bill Pmt -Check	10/10/2007	11800	W.C. DISCOUNT MOBILE AUTO DETAILING	-100.00
	Bill Pmt -Check	10/10/2007	11801	CITISTREET	-2,993.23
	General Journal	10/20/2007	07/10/6	PAYROLL	-7,042.87
	General Journal	10/20/2007	07/10/6	PAYROLL	-22,396.18
	Bill Pmt -Check	10/25/2007	11802	ACWA SERVICES CORPORATION	-268.11
	Bill Pmt -Check	10/25/2007	11803	ARROWHEAD MOUNTAIN SPRING WATER	-40.21
	Bill Pmt -Check	10/25/2007	11804	BANK OF AMERICA	-4,144.30
	Bill Pmt -Check	10/25/2007	11805	BLACK & VEATCH CORPORATION	-3,905.00
	Bill Pmt -Check	10/25/2007	11806	CALPERS	-3,053.50
	Bill Pmt -Check	10/25/2007	11807	CAROLLO ENGINEERS	-6,750.00
	Bill Pmt -Check	10/25/2007	11808	ELLISON, SCHNEIDER & HARRIS, LLP	-35,793.02
	Bill Pmt -Check	10/25/2007	11809	FIRST AMERICAN REAL ESTATE SOLUTIONS	-125.00
	Bill Pmt -Check	10/25/2007	11810	GEOTECHNICAL SERVICES	-799.06
	Bill Pmt -Check	10/25/2007	11811	INLAND EMPIRE UTILITIES AGENCY	-127.31
	Bill Pmt -Check	10/25/2007	11812	MCI	-1,169.95
	Bill Pmt -Check	10/25/2007	11813	PITNEY BOWES CREDIT CORPORATION	-473.40
	Bill Pmt -Check	10/25/2007	11814	PRE-PAID LEGAL SERVICES, INC.	-103.60
	Bill Pmt -Check	10/25/2007	11815	RICOH BUSINESS SYSTEMS-Lease	-4,480.25
	Bill Pmt -Check	10/25/2007	11816	STANDARD INSURANCE CO.	-565.89

CHINO BASIN WATERMASTER
Cash Disbursement Detail Report
October 2007

<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Amount</u>
Bill Pmt -Check	10/25/2007	11817	STATE WATER RESOURCES CONTROL BD	-549.70
Bill Pmt -Check	10/25/2007	11818	STAULA, MARY L	-136.61
Bill Pmt -Check	10/25/2007	11819	TLC STAFFING	-647.80
Bill Pmt -Check	10/25/2007	11820	VERIZON WIRELESS	-422.69
Bill Pmt -Check	10/25/2007	11821	W.C. DISCOUNT MOBILE AUTO DETAILING	-100.00
Bill Pmt -Check	10/25/2007	11822	WEST VALLEY ELECTRIC	-186.58
Bill Pmt -Check	10/25/2007	11823	WESTERN DENTAL SERVICES, INC.	-23.25
Bill Pmt -Check	10/25/2007	11824	WILDERMUTH ENVIRONMENTAL INC	-216,739.77
Bill Pmt -Check	10/25/2007	11825	RICOH BUSINESS SYSTEMS-Maintenance	-98.00
Bill Pmt -Check	10/25/2007	11826	STATE WATER RESOURCES CONTROL BD	-2,154.70
Bill Pmt -Check	10/25/2007	11827	TLC STAFFING	-656.00
Bill Pmt -Check	10/25/2007	11828	STATE WATER RESOURCES CONTROL BD	-909.70
Bill Pmt -Check	10/31/2007	11829	EL TORITO	-111.98
Oct 07				-721,510.11

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11/01/07

CHINO BASIN WATERMASTER
Check Detail
October 2007

Type	Num	Date	Name	Account	Paid Amount
Bill Pmt -Check	11804	10/25/2007	BANK OF AMERICA	1012 · Bank of America Gen'l Ckg	
Bill	402442...	9/30/2007		6909.1 · OBMP Meetings	-564.73
				6212 · Meeting Expense	-191.50
				6312 · Meeting Expenses	-191.50
				6191 · Conferences	-2,559.87
				6031.7 · Other Office Supplies	-498.86
				6191 · Conferences	-15.00
				6141.3 · Admin Meetings	-122.84
TOTAL					-4,144.30

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CHINO BASIN WATERMASTER
COMBINING SCHEDULE OF REVENUE, EXPENSES AND CHANGES IN WORKING CAPITAL
FOR THE
PERIOD JULY 1, 2007 THROUGH SEPTEMBER 30, 2007

	WATERMASTER ADMINISTRATION	OPTIMUM BASIN MANAGEMENT	POOL APPROPRIATE	POOL AGRICULTURAL NON-AGRIC.	POOL SPECIAL PROJECTS	GROUNDWATER REPLENISHMENT	GROUNDWATER OPERATIONS SB222	EDUCATION FUNDS	GRAND TOTALS	BUDGET 2007-2008
Administrative Revenues										
Administrative Assessments			5,139,446			61,606			5,201,052	\$7,540,370
Interest Revenue			36,872			1,066			44,130	181,500
Mutual Agency Project Revenue		41,667		6,192					41,667	145,500
Grant Income										0
Miscellaneous Income										0
Total Revenues	-	41,667	5,176,318	6,192		62,672	-	-	5,286,849	7,867,370
Administrative & Project Expenditures										
Watermaster Administration	115,403								115,403	627,797
Watermaster Board-Advisory Committee	15,538								15,538	60,645
Pool Administration			4,172	41,027	1,910				47,109	127,333
Optimum Basin Mgmt Administration		953,505							953,505	1,857,337
OBMP Project Costs		1,271,639							1,271,639	5,183,883
Education Funds Use										375
Mutual Agency Project Costs										10,000
Total Administrative/OBMP Expenses	130,941	2,225,144	4,172	41,027	1,910				2,403,194	7,867,370
Net Administrative/OBMP Income	(130,941)	(2,183,477)								
Allocate Net Admin Income To Pools	130,941		100,954	27,530	2,457					
Allocate Net OBMP Income To Pools		2,183,477	1,683,439	459,063	40,975					
Agricultural Expense Transfer			524,320	(524,320)						
Total Expenses	2,312,885		3,300	2,892	45,342				2,403,194	7,867,370
Net Administrative Income	2,863,433				17,330				2,883,655	
Other Income/(Expense)										0
Replenishment Water Purchases										0
MZ1 Supplemental Water Assessments										0
Water Purchases										0
MZ1 Imported Water Purchase										0
Groundwater Replenishment						(2,328,727)			(2,328,727)	0
Net Other Income						(2,328,727)			(2,328,727)	0
Net Transfers To/(From) Reserves			2,863,433	2,892	17,330	(2,328,727)			554,928	
Working Capital, July 1, 2007			4,222,727	475,604	156,552	294,397	156,251	1,655	5,309,186	
Working Capital, End Of Period			7,086,160	478,496	173,882	(2,034,330)	158,251	1,655	5,664,114	

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**CHINO BASIN WATERMASTER
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD
SEPTEMBER 1 THROUGH SEPTEMBER 30, 2007**

DEPOSITORIES:		
Cash on Hand - Petty Cash	\$	500
Bank of America		
Governmental Checking-Demand Deposits	\$	303,411
Zero Balance Account - Payroll		
Local Agency Investment Fund - Sacramento		<u>5,004,271</u>
TOTAL CASH IN BANKS AND ON HAND		9/30/2007
TOTAL CASH IN BANKS AND ON HAND		8/31/2007
	\$	5,308,182
		5,223,932
PERIOD INCREASE (DECREASE)	\$	<u>84,250</u>

CHANGE IN CASH POSITION DUE TO:

Decrease/(Increase) in Assets:		
Accounts Receivable	\$	(44,130)
Assessments Receivable		823,939
Prepaid Expenses, Deposits & Other Current Assets		(59,084)
Accounts Payable		(185,125)
Accrued Payroll, Payroll Taxes & Other Current Liabilities		1,800
Transfer to/(from) Reserves		<u>(453,150)</u>
PERIOD INCREASE (DECREASE)	\$	<u>84,250</u>

SUMMARY OF FINANCIAL TRANSACTIONS:

Balances as of 8/31/2007						
Deposits	\$	219,161	\$	-	\$	5,223,932
Transfers		825,614		-		825,614
Withdrawals/Checks		(56,628)		56,628		-
		(684,736)		(56,628)		(741,364)
Balances as of 9/30/2007	\$	500	\$	303,411	\$	5,004,271
PERIOD INCREASE OR (DECREASE)		-\$		84,250		-\$
	\$		\$	84,250	\$	<u>84,250</u>

**CHINO BASIN WATERMASTER
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD
SEPTEMBER 1 THROUGH SEPTEMBER 30, 2007**

INVESTMENT TRANSACTIONS

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

* The earnings rate for L.A.I.F. is a daily variable rate; 5.24% was the effective yield rate at the Quarter ended June 30, 2007

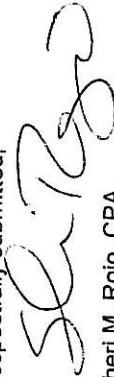
**INVESTMENT STATUS
September 30, 2007**

Financial Institution	Principal Amount	Number of Days	Interest Rate	Maturity Date
Local Agency Investment Fund	\$ 5,004,271			
TOTAL INVESTMENTS	\$ 5,004,271			

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,



Sheri M. Rojo, CPA
Chief Financial Officer & Assistant General Manager
Chino Basin Watermaster

CHINO BASIN WATERMASTER
Statement of Revenues & Expenses, Budget vs. Actual
July through September 2007

	<u>Jul - Sep 07</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>
Ordinary Income/Expense				
Income				
4010 · Local Agency Subsidies	41,667	145,500	-103,833	28.64%
4100 · Administrative Assessments	5,201,052	0	5,201,052	100.0%
4110 · Admin Asmnts-Approp Pool	0	7,423,878	-7,423,878	0.0%
4120 · Admin Asmnts-Non-Agri Pool	0	116,492	-116,492	0.0%
4700 · Non Operating Revenues	44,130	181,500	-137,370	24.31%
Total Income	<u>5,286,849</u>	<u>7,867,370</u>	<u>-2,580,521</u>	<u>67.2%</u>
Gross Profit	5,286,849	7,867,370	-2,580,521	67.2%
Expense				
6010 · Salary Costs	111,601	477,247	-365,646	23.38%
6020 · Office Building Expense	26,044	101,580	-75,536	25.64%
6030 · Office Supplies & Equip.	8,880	46,500	-37,620	19.1%
6040 · Postage & Printing Costs	22,741	83,000	-60,259	27.4%
6050 · Information Services	50,039	132,000	-81,961	37.91%
6060 · Contract Services	17,390	117,500	-100,110	14.8%
6080 · Insurance	4,160	18,210	-14,050	22.85%
6110 · Dues and Subscriptions	1,529	16,750	-15,221	9.13%
6140 · WM Admin Expenses	690	4,650	-3,960	14.84%
6150 · Field Supplies	0	2,500	-2,500	0.0%
6170 · Travel & Transportation	3,656	25,000	-21,344	14.63%
6190 · Conferences & Seminars	6,318	22,500	-16,182	28.08%
6200 · Advisory Comm - WM Board	3,972	18,931	-14,959	20.98%
6300 · Watermaster Board Expenses	11,566	41,714	-30,148	27.73%
8300 · Appr PI-WM & Pool Admin	4,172	24,001	-19,829	17.38%
8400 · Agri Pool-WM & Pool Admin	4,363	24,004	-19,641	18.18%
8467 · Ag Legal & Technical Services	33,364	60,000	-26,636	55.61%
8470 · Ag Meeting Attend -Special	3,300	12,000	-8,700	27.5%
8500 · Non-Ag PI-WM & Pool Admin	1,910	7,328	-5,418	26.06%
6500 · Education Funds Use Expens	0	375	-375	0.0%
9500 · Allocated G&A Expenditures	-137,644	-419,640	281,996	32.8%
	<u>178,050</u>	<u>816,150</u>	<u>-638,100</u>	<u>21.82%</u>
6900 · Optimum Basin Mgmt Plan	900,695	1,716,138	-815,443	52.48%
6950 · Mutual Agency Projects	0	10,000	-10,000	0.0%
9501 · G&A Expenses Allocated-OBMP	52,810	141,199	-88,389	37.4%
	<u>953,505</u>	<u>1,867,337</u>	<u>-913,832</u>	<u>51.06%</u>
7101 · Production Monitoring	22,137	116,709	-94,572	18.97%
7102 · In-line Meter Installation	3,601	37,791	-34,190	9.53%
7103 · Grdwtr Quality Monitoring	28,216	162,104	-133,888	17.41%
7104 · Gdwtr Level Monitoring	38,443	212,667	-174,224	18.08%
7105 · Sur Wtr Qual Monitoring	1,516	40,553	-39,037	3.74%
7107 · Ground Level Monitoring	47,113	425,465	-378,352	11.07%
7108 · Hydraulic Control Monitoring	64,975	369,232	-304,257	17.6%

CHINO BASIN WATERMASTER
 Statement of Revenues & Expenses, Budget vs. Actual
 July through September 2007

	<u>Jul - Sep 07</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>
7109 · Recharge & Well Monitoring Prog	9,175	182,827	-173,652	5.02%
7200 · PE2- Comp Recharge Pgm	210,466	1,255,827	-1,045,361	16.76%
7300 · PE3&5-Water Supply/Desalte	28,816	159,509	-130,693	18.07%
7400 · PE4- Mgmt Plan	60,385	159,674	-99,289	37.82%
7500 · PE6&7-CoopEfforts/SaltMgmt	44,432	308,533	-264,101	14.4%
7600 · PE8&9-StorageMgmt/Conj Use	15,942	92,660	-76,718	17.21%
7690 · Recharge Improvement Debt Pymt	618,373	1,377,552	-759,179	44.89%
7700 · Inactive Well Protection Prgm	0	4,339	-4,339	0.0%
9502 · G&A Expenses Allocated-Projects	78,048	278,441	-200,393	28.03%
	<u>1,271,639</u>	<u>5,183,883</u>	<u>-3,912,244</u>	<u>24.53%</u>
Total Expense	<u>2,403,195</u>	<u>7,867,370</u>	<u>-5,464,175</u>	<u>30.55%</u>
Net Ordinary Income	2,883,654	0	2,883,654	100.0%
Other Income/Expense				
Other Expense				
5010 · Groundwater Replenishment	2,328,727			
9999 · To/(From) Reserves	554,928			
Total Other Expense	<u>2,883,654</u>			
Net Other Income	<u>-2,883,654</u>			
Net Income	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.0%</u>



CHINO BASIN WATERMASTER

II. BUSINESS ITEMS

A. CYCLIC STORAGE AGREEMENT





CHINO BASIN WATERMASTER

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

KENNETH R. MANNING
Chief Executive Officer

STAFF REPORT

DATE: November 8, 2007
November 13, 2007
November 15, 2007

TO: Committee Members
Watermaster Board Members

SUBJECT: 8th Amendment to Cyclic Storage Agreement Extending Term of Agreement

SUMMARY

Recommendation – Approve the 8th amendment to Agreement as presented extending the term of the Agreement until December 31, 2012.

BACKGROUND

In 1978, Watermaster and Metropolitan Water District entered into the Cyclic Storage Agreement in order to allow for the short term cyclic storage of water in the Chino Basin.

This agreement is of benefit to the Chino Basin as it allows for the short term pre-delivery of replenishment water. Watermaster is a beneficiary of the cyclic storage account as it has been an important tool for Watermaster in meeting its yearly replenishment obligations.

Because of this, the term of the Agreement has been extended seven previous times. The proposed amendment continues the terms of the previous Agreement and is fundamentally identical to the seventh amendment.

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**EIGHTH AMENDMENT TO THE
CHINO BASIN CYCLIC STORAGE AGREEMENT**

THIS AMENDATORY AGREEMENT (hereinafter, "Amendment") is made as of _____ 2007, by and between The Metropolitan Water District of Southern California (hereinafter "Metropolitan"), the Inland Empire Utilities Agency (hereinafter, "IEUA") and the Chino Basin Watermaster (hereinafter, "Watermaster"). Chino Basin Municipal Water District was renamed IEUA as of July 1, 1998.

RECITALS

WHEREAS, the parties to this Amendment entered into an agreement titled Chino Basin Cyclic Storage Agreement (hereinafter, as amended "Agreement"), dated December 4, 1978, for the purpose of giving Metropolitan the right to store up to 100,000 acre-feet of water in the Chino Basin.

WHEREAS, the Agreement has been extended by previous amendments.

WHEREAS, Metropolitan has, as of April 9, 2007, no water stored in its Cyclic Account with IEUA.

WHEREAS, water stored under the Agreement is used to meet IEUA's groundwater replenishment demands pursuant to specific criteria set forth in Article 6 of the Agreement.

NOW, THEREFORE, the parties hereby enter into this Amendment to the Agreement as follows:

COVENANTS

1. Article 9(a) of the Agreement is hereby amended by extending the term of the Agreement from December 31, 2007 to December 31, 2012.
2. Additional water shall not be placed into the cyclic storage account except with the written consent of Watermaster, IEUA and Metropolitan.
3. Certifications to reclassify water previously certified into the Cyclic Storage Account to another class of service will not be accepted except when needed to correct errors as determined by Metropolitan. Certifications to reclassify water previously certified as another class of service, other than Full Service, to the Cyclic Storage Account will not be accepted except when needed to correct errors as determined by Metropolitan.
4. If the parties do not further renew this Agreement by December 31, 2012, then on that date IEUA and Watermaster will purchase any amount of water remaining in the Cyclic Storage Account at the replenishment rate at the time of the sale.

**THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA**

By: _____
Jeffrey Kightlinger
General Manager

Date: _____

**APPROVED AS TO FORM:
Karen Tachiki
General Counsel**

By: _____
Sydney Bennion
Assistant General Counsel

Date: _____

INLAND EMPIRE UTILITIES AGENCY

By: _____
Richard Atwater
General Manager

Date: _____

APPROVED AS TO FORM:

By: _____
Jean Cihigoyenetché
General Counsel

Date: _____

CHINO BASIN WATERMASTER

By: _____
Kenneth R. Manning
Chief Executive Officer

Date: _____

APPROVED AS TO FORM:

By: _____
Michael Fife
General Counsel

Date: _____

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CHINO BASIN WATERMASTER

IV. INFORMATION

1. Newspaper Articles





The Metropolitan Water District of Southern California

NEWS RELEASE

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

Contact: Rob Hallwachs, (213) 217-6450; (213) 324-1255, mobile
Bob Muir, (213) 217-6930; (213) 324-5213, mobile

Oct. 12, 2007

**RECORD DRY YEAR, POTENTIAL 2008 WATER SHORTAGES
SET STAGE FOR SOUTHERN CALIFORNIA WORLD WATER FORUM
Year-long grant competition encourages college students
to address regional, world water issues**

With record dry conditions and possible 2008 water shortages serving as the backdrop, a year-long grant competition that will mobilize hundreds of college students throughout Southern California to help address regional and global water issues kicked off today.

Students from more than 30 community colleges and universities throughout the Southland joined officials from the Metropolitan Water District, the federal Bureau of Reclamation and UNICEF to launch the Southern California World Water Forum during a five-hour workshop at Metropolitan's headquarters in downtown Los Angeles.

"This program is a great opportunity for our next generation of great young thinkers to tackle the water problems of today and to prepare for the water problems we face tomorrow," said U.S. Rep. Grace F. Napolitano (D-Norwalk), honorary chairperson of the Southern California World Water Forum, in a taped address.

"I trust your participation in this program will challenge you to get more involved in addressing water issues affecting California and the western United States, with national implications of global warming," Napolitano told students.

This year's competition gets underway as water agencies throughout Southern California plan to deal with continuing record dry conditions and potential water shortages in 2008 and beyond.

Metropolitan board Chairman Timothy F. Brick noted that the World Water Forum's principles were consistent with the district's current water conservation advertising campaign emphasizing, "It's Time to Get Serious."

more

“In that same serious manner, we’re looking for students participating in the World Water Forum to propose ways to develop new conservation technology prototypes to save water,” Brick said. “We also looking for them to develop new approaches and policies that challenge people to think about using or allocating water differently, and to create new, innovative ways to communicate and educate people about ways to access, clean, use and save water in their everyday lives.”

The United Nations estimates that more than one billion people worldwide do not have sustainable access to safe drinking water, and 2.6 billion do not have access to adequate sanitation. In response, the U.N.’s General Assembly has proclaimed 2005-2015 as the International Decade for Action, “Water for Life,” which includes a commitment by all 191 member nations to reduce by half the proportion of people unable to reach or afford safe drinking water.

“A third of the world’s population lives in water-stressed countries. By 2025, this is expected to rise to two-thirds. However, there is more than enough water available, in total, to meet everyone’s basic needs,” said Vanessa Tobin, deputy director of UNICEF’s water, environment and sanitation program division.

“It is recommended that people need a minimum of 40 liters of water a day for drinking, washing, cooking and sanitation, but we measure basic standards based upon providing 20 liters per day. Still, more than a billion people are lacking access to even that small amount,” Tobin said.

The Southern California World Water Forum program will award \$10,000 grants to as many as 18 college teams to research, develop and communicate water-use efficiency technology that can be employed cost-effectively in water-stressed regions, locally or internationally. Grant proposals are due to Metropolitan by Dec. 14.

Program co-sponsors include Metropolitan; federal Bureau of Reclamation; the Sanitation Districts of Los Angeles County; the Los Angeles Chapter of the American Society of Civil Engineers; Friends of the United Nations; and Water for People.

“Meeting the needs for safe and reliable water supplies—whether on a local, regional or global scale—has always brought challenges,” said Lorri Gray, director of the Bureau’s Lower Colorado Region.

more

“Issues such as drought and population growth will only make the challenges more difficult. Programs such as this offer a unique opportunity for state, local and federal water management entities to partner with college students to explore potential new and innovative ways of meeting those challenges,” Gray said.

Jeff Kightlinger, Metropolitan’s general manager, said the program also would help address the critical nationwide need to educate and develop a committed and skilled workforce in the engineering fields.

“Metropolitan, like other public agencies, is facing an impending need for new, young professionals trained and motivated to become involved in the water industry. Climate change, population increases and water quality, as well as environmental standards and constraints will continue to generate significant challenges for water agencies in science, engineering, policy development, planning and public outreach strategies,” Kightlinger said.

“I’m confident the World Water Forum will continue to promote the kind of creativity, debate, analysis and outreach to help us meet those serious challenges,” he added.

Benita Lynn Horn, Metropolitan’s coordinator of the Southern California Water Forum, said the interdisciplinary program will bring together students from academic applications ranging from international studies, urban planning and political science to civil engineering, economics and environmental sciences.

“To qualify, these student teams must design a rendering or prototype of a technology or process that improves water-use efficiency,” Horn said. “They also must develop a business plan that includes a budget and timeline, as well as addresses the environmental, financial, societal and public policy implications of their proposal.”

###

The Metropolitan Water District of Southern California is a cooperative of 26 cities and water agencies serving 18 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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dailybulletin.com

California water crisis demands action by the Legislature

By James V. Curatalo Jr., Randall James Reed, Jerome M. Wilson, Kathy Tiegs and Ron Sakala

You may have noticed a recent media blitz on television describing a mounting water crisis. Over the past year you may have also seen an abundance of newspaper articles and opinion pieces outlining how the state of California's water supply is in dire straights and the need to conserve is paramount.

In fact, some water agencies, such as Long Beach water department, have already implemented lawn-watering restrictions for their customers in the face of what could shape up to be a precarious year for water providers throughout the state and particularly here in Southern California.

We can no longer deny some of the basic facts and events that are before us today relating to our water supply. Last year was one of the driest on record. In fact, extended periods of drought increase other negative effects on our environment such as the widespread wildfires we have just experienced, which could become a regular occurrence in the future. The environmental degradation of the Sacramento-San Joaquin Delta, an estuary that over 20 million

Californians rely on for their water supply, is at a breaking point. In May of this year a federal judge issued a ruling requiring reductions in water exports from the Delta to protect an endangered species of fish known as the Delta Smelt. The Cucamonga Valley Water District receives nearly 50 percent of its water supply from imported water that comes from the Delta. In recent years, our customers have already experienced first hand what it is like without our imported water source for short periods while the Metropolitan Water District of Southern California has closed the pipeline to conduct routine maintenance or emergency repairs.

Finally, the intricate levee system within the Delta is in an extremely fragile state and most experts agree that it's not if, but when a levee breach occurs this source of water supply would be lost for years before it could be restored. Most experts have compared a breach in the Delta levee system to have disaster-like effects such as to Hurricane Katrina.

Recently, a special legislative session was called by the governor in order to address water infrastructure issues. To our chagrin, the Legislature failed to come to a compromise that addressed the looming water crisis in California.

One of the deal-breaking points was the philosophical discussion of whether or not it makes sense to construct new, large above-ground surface water storage projects in California. The surface water storage projects included in the governor's proposal provided benefits to regions north and south of the Delta

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with some ancillary benefit to Southern California associated with the capture of storm water run-off and the ability to better manage rising water levels in the Delta.

We understand that any water bond proposal will need to provide benefits to a wide variety of interests in California in order to receive a wide range of support from all voters. As a local water provider we are supportive of bond proposals that provide funding for a variety of different alternatives to generate water supply.

More specifically, our region is focused on the need to expand the use of recycled water for landscape and industrial purposes as well as the increase in programs that capture and recharge storm water, recycled water and imported water into local groundwater basins.

Funding local supply development projects is cost-effective and ultimately decreases our dependence on imported water supplies that pass through the Delta.

As a region we are moving toward reducing our reliance on imported water; however, we realize that CVWD and other local and regional agencies may always rely, to some extent, on imported water supplies to supplement local water supplies in the future.

Therefore, it is important to increase the reliability of our water supply from the Delta by ensuring that any future bond proposal includes funding to develop a conveyance system that diverts flows around the fragile Delta levee

system, thereby reducing the vulnerability of California's water infrastructure.

So as you wake up tomorrow morning and you turn on the faucet to brush your teeth or take a shower, think about what it would be like to use 50 percent less water. Is it possible? Consumers in our region need to understand that the issue of water supply reliability and sustainability of the Delta is of paramount importance, and that steps must be taken now to restore the integrity of the state's water system.

CVWD urges its customers to stay engaged and focused on this issue as the legislative process moves forward during the coming months.

James V. Curatalo Jr., president; Randall James Reed, vice-president; and directors Jerome M. Wilson, Kathy Tiegs and Ron Sakala comprise the Cucamonga Valley Water District Board of Directors.

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San Bernardino Co.

Rialto asks company for cleanup help

PERCHLORATE: Goodrich Corp. is one of 42 companies that may have contributed to the plume.



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10:00 PM PDT on Wednesday, October 17, 2007

By MARY BENDER
The Press-Enterprise

Days after a judge dismissed a lawsuit filed by Goodrich Corp. against the city of Rialto, the City Council sent a letter to the aerospace firm urging it to help clean up the underground reservoir polluted by perchlorate.

The letter sent Wednesday to Marshall Larsen, Goodrich's president and chief executive officer, was signed by city council members Winnie Hanson, Ed Scott, Joe Baca Jr. and Deborah Robertson.

In the letter, the City Council requests that Goodrich help Rialto pressure the state government to "fund an emergency cleanup of our underground drinking water supply and underground storage reservoir, while our attorneys and yours continue to argue in court ... over who will ultimately pay for this ongoing disaster."

Aquifer Polluted

Rialto City Attorney Bob Owen said Rialto's underground aquifer is "11 miles long and four miles wide and 1,000 feet deep, but we've got a plume of perchlorate sitting smack in the middle of it," he said. "We would like to clean that up and have Goodrich help us."

Perchlorate is a component of rocket fuel, explosives and fireworks.

Perchlorate "is contaminating 360 million gallons of water every month that they delay the legal proceedings," Owen said.

On Friday, San Bernardino Superior Court Judge Brian McCarville ruled that Goodrich didn't have legal standing in the claim it brought this year against Rialto and the City Council.

Goodrich "does not have an interest in uncontaminated waters within Rialto. Its interest is clearly in avoiding or shifting the cost of cleanup," McCarville wrote said in his ruling.

The contamination occurred on a 160-acre industrial site north of Highway 210, in the northern part of Rialto.

Over the decades, several companies operated on the land.

Testing Rockets

Goodrich operated in Rialto from 1957 to 1963.

"They were developing and testing solid rocket propellant for small missiles," said Jeffrey Dintzer, legal counsel for Goodrich, headquartered in Charlotte, N.C.

Goodrich is one of 42 "potentially responsible parties" named in a federal lawsuit filed by Rialto in 2004 in U.S. District Court in Los Angeles.

The company, founded in 1870 in Akron, Ohio, previously was known as BF Goodrich, a rubber manufacturer that made automobile and airplane tires.

Goodrich also developed aircraft de-icing systems, pressure suits that allowed pilots to fly at high altitudes, space suits for NASA's Mercury Seven astronauts and wheels and brakes for the space shuttles.

Goodrich quit the tire business and shifted its focus to the aerospace.

The company contends that the city hasn't pressed a current occupant of the site, Kenneth Thompson Inc. and its wholly owned subsidiary, Rialto Concrete Products, to properly clean up a contaminated portion of the land known as the McLaughlin Pit, where fireworks waste was dumped.

Reach Mary Bender at 909-806-3056 or mbender@PE.com



Columns

Cassie MacDuff

Inland cities could learn from Santa Fe., N.M.'s water restrictions

10:00 PM PDT on Monday, October 22, 2007

CASSIE MACDUFF

As a native Californian, I'm genetically programmed to be distressed by water waste. Seeing a neighbor hosing off his driveway instead of using a broom makes my blood boil.

California's water shortage is now worse than ever. The southern portion of the Golden State experienced the driest year on record this winter.

Yet cities in the parched Inland Empire seem reluctant to impose mandatory restrictions on water use. Most prefer to rely on voluntary cooperation with conservation tips.

They could learn from their neighbor to the east.

I just returned from a week in Santa Fe, N.M., where mandatory water-use restrictions have been in place for most of the past decade.

Since 1996, Santa Fe residents have been allowed to water their lawns only three days a week, and they can't do it between 10 a.m. and 6 p.m. from May 1 to Oct. 31.

You can wash your car only once a month (unless you do it at a carwash that uses recycled water). Hotels change your sheets only every four days.

And forget about spraying down the sidewalk. Letting landscape irrigation overflow down a gutter is against the law.

These measures have enabled the city to keep its water use stable while the population grew 1.3 percent per year, said Claudia Borchert, water resources coordinator.

When I told her about Inland growth rates, she wondered where the water will come from for all the new homes.

"Conservation is the cheapest source of water," Borchert said. "Anybody who's not doing it is missing out on a great opportunity."

The San Bernardino Valley rests on a water-rich aquifer. But drought has shrunk it.

The state water project supplements it, but a recent court ruling means state water will be withheld for 90 days beginning in January to protect an endangered fish. That could be a looming problem.

All water agencies have contingency plan for drought emergencies, said John McMains, Yucaipa's community development director.

But mandatory conservation measures haven't been invoked.

It's not that the Inland officialdom doesn't want you to save water.

Missives are being published on ways to cut use, from turning off the tap when you brush your teeth to replacing your lawn with drought-tolerant plants.

But mandatory restrictions are being avoided.

Redlands' new water conservation coordinator, Woody Hynes, said his city is seeking residents' voluntary cooperation with an "educational" approach, providing them with information on how to save water and curb waste. Hynes also will do free water audits at people's homes, tracking leaks and helping get them fixed.

Since landscapes account for 70 percent of residential water use, he urges people to invest in "smart" irrigation systems with soil-moisture gauges that limit watering.

But Redlands won't go Santa Fe's route of offering free low-flow toilets, which enabled Santa Fe to get 8,000 water-guzzling old toilets out of homes and into crushers, where they were recycled as a pavement additive.

Nor will it fine offenders up to \$200 for repeated violations of water-waste rules, which Santa Fe's law permits it to do.

Too bad. Because I don't think the voluntary route is working in Southern California.

Cassie MacDuff can be reached at 909-806-3068 or cmacduff@PE.com



Board votes to censure Alvarez

Water board member funneled benefits to ex-wife

By Will Bigham, Staff Writer

CLAREMONT - Xavier Alvarez was formally censured Friday by the Three Valleys Municipal Water District board of directors for illegally funneling benefits, paid for by the district, to a woman he claimed was his wife.



Audio: Alvarez claims Medal of Honor award

That woman, Juanita Diana Ruiz, divorced Alvarez in 2002.

The censure vote passed unanimously, 7-0, at the conclusion of a 25-minute special meeting.

Alvarez declined to oppose the motion.

Board President Bob Kuhn said allegations against Alvarez of misuse of public money will be forwarded to the Los Angeles County District Attorney's Office for possible criminal prosecution.

Alvarez, elected in November as Pomona's representative on the board, is now prohibited from serving on board committees and will not be reimbursed for attending any meetings besides those of the district board.

He will continue to receive health benefits and still is eligible to vote at board meetings.

The censure went into effect at 10 a.m. Friday.

The terms of the censure will last indefinitely, and the censure can only be removed by a "super-majority" vote of five board members.

Alvarez, 49, was charged by federal authorities in September with falsely claiming to have received the Medal of Honor, a misdemeanor charge.

The medal is the nation's highest award for military valor.

Alvarez declined an interview request after the meeting.

When he was asked during the meeting by board President Bob Kuhn if he wished to speak, Alvarez responded: "I have nothing to say."

Kuhn called for Alvarez to resign during an interview after the meeting.

"I think he should resign," Kuhn said.

"I think what's going to happen personally is there will be a barrage of e-mails from other people - directors, districts - saying, 'Put pressure on this guy to resign.'"

Alvarez is scheduled to be arraigned on the misdemeanor charges on Nov. 26 in a Los Angeles federal court.

"What we're told is that the only way we can vacate his seat is if he has a felony," Kuhn said. "What he's going up for is a misdemeanor."

"But if he ... has to go to jail for six months, if he's not here for three consecutive months, we can abandon the seat. That's the way the law reads."

Kuhn said the charge of misusing public money

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would be a felony because the money spent by the district on the health benefits for Ruiz, 55, totaled more than \$500.

The district spent \$4,873.76 on Ruiz's benefits.

Kuhn said that Alvarez has promised to pay back the money spent by the district on Ruiz's benefits, although he has not specified when he will repay the money.

Before the vote to censure, Director Dan Horan accused Alvarez of fraud.

"This is a very serious offense," he said. "It's ratepayer money, and we should watch that at all costs."

Since Alvarez was charged with falsely claiming to have received the Medal of Honor - he never served in the military - several additional claims he has made about his past have been proved false.

He claimed to have earned an engineering degree from Cal Poly Pomona. School records show he never attended.

He told fellow board members that he worked as an engineer, Kuhn said. Alvarez also listed his occupation as "engineer" in his campaign filings for the November election. When confronted by Kuhn after Friday's meeting, Alvarez said he only had an interest in engineering, Kuhn said.

When board member Brian Bowcock initially met Alvarez, he asked Alvarez if he was married.

Alvarez said he was, Bowcock said.

But Alvarez said his wife could not attend a board meeting to see him sworn in because she was a

celebrity and was hounded by paparazzi when she left the home.

The attention Alvarez has received since the federal charges against him were issued last month has been an embarrassment to the district, several Three Valleys board members have said.

Despite the embarrassment he has caused to the low-profile public agency, Alvarez has not once offered an apology to the district, Kuhn said.

"He didn't apologize on Tuesday," Kuhn said. "You heard what he said today, which was zero. And back in the boardroom he never apologized."

"... That's why I tried to give him an opportunity to speak at the meeting today, just to say 'I'm sorry, guys.' But it didn't happen. I'm amazed."

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California needs infrastructure `Plan B'

By George Argyros, John Hawkins, Pete Wilson, Gray Davis and George Deukmejian
Inland Valley Daily Bulletin

Southern California needs two essential elements for its future success - economic prosperity and quality of life. We can't have one without the other, and we won't have either if we don't plan for the future. Unfortunately, Plan A - relying on the government to fund our critical infrastructure needs - is no longer a viable option.

Over the next 20 years, our region will grow by more than five million people - more than two Chicagos! And most of this population growth will be internally created, not "imported." Meanwhile, goods movement to and from booming Asian economies will triple along our trade corridors. As the port of entry for more than 40 percent of the nation's waterborne imports, Southern California faces both the challenges (congestion and air quality) and the opportunities (more than one million new, good paying logistics industry jobs) linked to this growth.

We need to plan and build the necessary infrastructure if we are to preserve our future success. Such needs include modern, clean transportation systems for people and goods; more reliable water supplies; additional schools; health-care and other public service facilities to meet the needs of an aging population; new housing for our children; and wide-area communication and data networks to attract and grow future technology-based industries.

California took a dramatic first step last November by passing Propositions 1A-1E to help fund our future transportation, water, school, housing and environmental needs. However, a year later little of this funding has been put to work. In order to balance the state's 2007 budget, one billion dollars of the gas tax money was again diverted to other state needs. None of the Proposition 1B goods movement infrastructure funds were authorized either.

Now the state treasurer is warning that the fiscal imbalance could continue for 20 more years. The federal government echoes much of the same: too many needs, not enough money.

It's clear we need a new solution, a Plan B, to ensure our state's future success. We can do so by creating "Public Private Partnerships" or "P3." Through P3, most of the highway, bridge, rail, water conveyance, public health and other facilities projects are paid for out of a combination of taxpayer supported bonds, private equity and debt, and fees charged to those who actually use or benefit from the infrastructure and services.

One successful model in British Columbia created a "state enterprise agency" to identify P3 opportunities and then impartially evaluate private- or public-sector involvement while focusing on ensuring the long-term protection and benefit of the community.

Why haven't we started? Because Sacramento needs to pass legislation enabling P3 to function in this state. Senate Bill 61 (Runner), supported by the governor, is a first step but is stuck in the Assembly because of opposition by public employee unions who believe their jobs may be threatened. What they don't understand is that without this Plan B, a lagging economy and dwindling state revenue stream will indeed threaten their jobs and retirements.

We need a bigger solution. We need a fair, open process that clears the way to plan for major new infrastructure projects that attract private sector planning, management and financial skills, while protecting the long-term interests of the broader community.

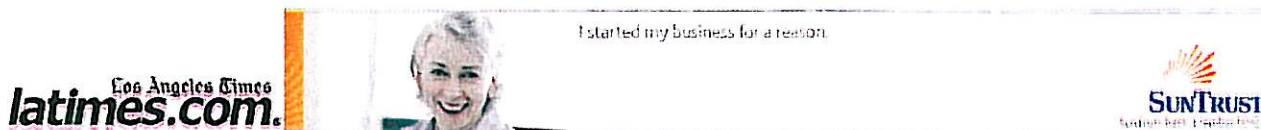
The time to move forward is now. Each year we fall farther behind. We already have the worst congestion and air quality in the nation. Either we implement Plan B and ensure a vibrant future for all, or we face impending gridlock and a slow decline into a Third World existence.

Former Ambassador George Argyros and John Hawkins serve as co-chairs of the Southern California Leadership Council, a group of regional business leaders. Pete Wilson, Gray Davis and George Deukmejian are former governors of California.

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From the Los Angeles Times

California has enough water

The trick is to conserve the valuable state resource, make wise decisions about how to use it and cut waste.
By Dorothy Green and Jamie Simons

October 23, 2007

For all the doom and gloom about water in California, here's a surprising truth: California has enough water to meet its needs today and tomorrow without new dams, peripheral canals or catastrophic costs. But there is a rub. It will take political will and better management.

If, given the notorious stranglehold of special interests on Sacramento, you are rolling your eyes and saying, "Give up. It's hopeless," hold on a moment. There is a road map that can lead to a better future for Californians. Here's how:

Conservation. Stop hosing down the driveway, buy more efficient appliances and plug leaks. And by all means, every house should have a water meter; believe it or not, millions of houses in the great Central Valley still do not. With this kind of affordable and existing technology, we can save about one-third of the water used indoors, according to the nonpartisan Pacific Institute. Planting California-friendly, drought-tolerant plants and installing smart sprinkler systems can help to conserve more than half our outdoor residential water.

Store groundwater more efficiently. Right now, Los Angeles County's Department of Public Works puts winter and spring storm water (and some reclaimed water from the county sanitation districts) into ponds so it can soak into the ground and be available for use during the dry summer months. Why not also do it with wet-year rain surpluses for use in dry years? There is plenty of storage capacity underground in the huge aquifers that lie beneath the San Gabriel Valley, San Fernando Valley and Chino areas. And a bonus: Water doesn't evaporate when stored underground.

Reuse nearly all of our wastewater. Before anyone yells "toilet to tap," let's establish that the last time there was "new" water on the planet was in the Garden of Eden. As it stands now, wastewater is treated until it is almost potable, and then most of it is thrown away. Los Angeles' Hyperion sewage treatment plant produces the seventh-biggest freshwater river in the state. It flows dependably, year round -- but directly into the ocean. What if, instead, this water was reused for landscape irrigation and industrial processes? Or better yet, allowed to seep through the soil -- completing the filtering process -- back into the aquifer, where it could then be pumped up for drinking water.

Thinking "yuck?" Consider this: The Colorado River, a major source of water for Southern California, contains the treated wastewater of Las Vegas. The delta that stretches from Sacramento to the San Francisco Bay, another major source of imported water to Southern California, contains the water from 10 sewage treatment plants that serve the communities in and around the delta. As we said, there is no such thing as new water.

Stop throwing away storm water. The Army Corps of Engineers and others built a marvelously efficient storm-drain system to prevent flooding. You may have seen it's centerpiece. It's called the Los Angeles River. This concrete channel is very efficient at pushing flood water through the county and out into the ocean, but that no longer makes sense. Building multipurpose projects, such as parks designed to hold water until it soaks into the ground, has multiple rewards: an increased water supply, improved water quality, additional green space, more recreational space, enhanced wildlife habitat and an increase in nearby property values.

Cut agricultural water use. This is the biggie, the one that makes politicians run for cover only to reappear in the Central Valley during campaign fundraising time. Agriculture uses about 80% of California's developed water -- the water delivered from dams and aqueducts. That has to change, or nothing will change.

If we can reduce agricultural water use by just 10%, that would almost double the water available for our cities. Can this be done effectively and efficiently? Try asking arid nations such as Israel. They know how to make the most of every drop of water, and we should too.

Almost half of the state's agricultural water is used on four crops of little economic value: cotton, rice, irrigated pasture and alfalfa. Farmers are businessmen. As federal subsidies for cotton and rice dry up, and the cost of water goes up, farmers will change their ways.

So let's celebrate the defeat of the dueling water bonds in the Legislature. Let's also spare voters the expensive initiative campaigns that both Republican and Democratic sides are planning to launch. The problem is not water. The problem is persuading citizens and agencies to put aside their business-as-usual mentality and cooperate for the greater good. And when the goal has been accomplished through good leadership and smart stewardship, let's all raise a glass of water and toast ourselves.

Dorothy Green is the founder of Heal the Bay and the author of "Managing Water: Avoiding Crisis in California." Jamie Simons is a writer living in Los Angeles.

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Perchlorate enforcement

State to begin to regulate toxin levels in drinking water

Elise Kleeman, Staff Writer
San Bernardino County Sun

Article Launched: 10/06/2007 09:01:48 PM PDT

PASADENA - This month, for the first time, the state will begin regulating the amount of the toxin perchlorate in drinking water.

As of Oct. 18, California will require that water contain no more than six parts per billion of the rocket-fuel additive, putting regulatory force behind what had been just a suggested limit for the past five years.

That amount is about the same as a tablespoon of ink in an Olympic-size pool.

The change, lauded by some environmentalists, will make California only the second state, behind Massachusetts, to regulate the chemical in drinking water.

But there are also concerns that even the seemingly minuscule amount set by the new limit is still too high.

Perchlorate has been shown to block the release of thyroid gland hormones critical for normal growth and nervous system development, making it particularly dangerous for pregnant women and young children.

"We believe there is really no safe level of rocket fuel in our drinking water," said Bernadette Del Chiaro of the advocacy group Environment California. "We are disappointed."

The Association for California Water Agencies, however, supports the new standard. It notes that the state's Office of Environmental Health Hazard Assessment has declared that the six-parts-per-billion limit would cause no ill effects even after 70 years of water consumption.

"Six parts per billion has been a good, health-effective, cost-effective number," said Krista Clark, the association's director of regulatory affairs. "There's no justifiable reason to have a standard lower than that. To treat lower than that would be to spend public tax dollars on a standard that provides zero net health benefits."

However, the chemical's health impacts remain under debate.

In a 2002 study, the U.S. Environmental Protection Agency recommended a maximum limit of one part per billion for perchlorate in drinking water, a limit which Massachusetts adopted last year.

The EPA estimates perchlorate contamination exists in at least 25 states.

In Los Angeles County alone, according to the California Department of Public Health, 67 water sources have exceeded six parts per billion of perchlorate at some point during the past five years. Several of those sources are in the San Gabriel Valley.

In Pasadena, the major sources of perchlorate contamination are waste pits used at JPL during the 1940s and 1950s.

At a treatment plant on the laboratory grounds, water drawn from beneath the surface has perchlorate levels of about 400 parts per billion, said Steve Slaten, the plant project's manager for the National Aeronautics and Space Administration.

After treatment, he said, the water is returned to the ground with a concentration of less than two parts per billion.

Drinking water from wells in Altadena tainted by the plume of JPL toxins is cleaned until it has less than six parts per billion of perchlorate.

Although some of Pasadena's water sources do contain perchlorate, the new regulations will have little impact on Pasadena Water and Power, said Shan Kwan, the agency's director of water.

Six parts per billion "is what we originally thought that the maximum contaminant level would be, so we were already keeping

that in mind," Kawn said.

"When we blend (water sources), we always put a big safety factor in there," he added.

But although Pasadena has been "pretty careful," said Tim Brick, chairman of the Metropolitan Water District, "I, frankly, believe that there are some agencies that are blending water for whom this will be a problem."

Still, he said, "personally, I have concerns that six parts might not be fully protective for the health of pregnant women and children."

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 From the Los Angeles Times

MWD warns of water cuts, higher rates

The agency says that if dry weather continues, local districts may have to consider rationing for the first time in years.
 By Hector Becerra and Catherine Saillant
 Los Angeles Times Staff Writers

October 9, 2007

Concerned about future supplies, the Metropolitan Water District announced Monday that it would cut shipments to Southern California agriculture by 30% and that customers would eventually pay higher rates.

The action by the giant water wholesaler, which provides water to 18 million people across Southern California, marks its first step in dealing with upcoming reductions in water supply and the record dry conditions locally.

MWD General Manager Jeffrey Kightlinger said that if the dry weather continues into this winter, local agencies would have to consider mandatory rationing, an extreme measure not seen since the severe drought of the early 1990s.

"People will feel this," he said. "We really want to see if people are willing to conserve absent rationing."

A federal judge this summer issued a ruling that is expected to slash water deliveries from the Sacramento-San Joaquin Delta by about a third, part of an effort to save the endangered delta smelt.

As a result, the MWD will have to import costlier water through transfers from places such as the Central Valley, ultimately raising customer rates by roughly 10%. That's on top of rate hikes many water agencies had previously planned to make up for infrastructure costs and other expenses.

The MWD already has locked in rates with local water agencies through the end of next year. Though customers might not face rate hikes until 2009, it's also possible some agencies might consider increases more quickly -- potentially to encourage conservation.

"Rates are going to go up," Kightlinger said. "It used to be we only had to go to those expensive [sources] to replace water 25% to 30% of the time. Now we're doing that 70% of the time."

Despite such concerns, Southern California's water situation is still significantly less dire than it was during the last major drought, in 1990-91. The region has seen less than 4 inches of rain this year, and the Sierra snowpack -- a key barometer of water supply -- is down sharply.

But most of the major reservoirs that serve the Southland are full, and the MWD's overall water reserve is several times larger than it was during the last drought.

On Monday, agriculture officials were still assessing how farmers would deal with the cut in water supplies, coming on top of an already bone-dry year.

In Riverside County, which has a \$1.1-billion agricultural industry, officials said cutbacks could threaten farmers' ability to continue growing certain crops, notably some water-thirsty nursery stock. The county also produces table grapes, bell peppers and dates.

Officials from the local water districts will meet with growers next month in a workshop sponsored by the Riverside County Farm Bureau, said Executive Director Steve Pastor.

"They know it's coming," Pastor said. "We just want to get them together to talk about what to do."

Cities and other agencies in the region differ greatly in their reliance on the MWD's imported water.

Los Angeles will probably be less affected than some neighbors because the city's Department of Water and Power receives a large portion of its supply from the Owens Valley -- a source that has thus far been uninterrupted. Still, L.A. receives 34% of its water from the MWD.

But across Southern California, many cities receive anywhere from a third to two-thirds of their water from the MWD, with the proportion depending largely on local groundwater supplies.

Anaheim gets 31% of its water from the MWD, but San Diego relies on the district for 73%. Long Beach gets about 50% of its water from the agency, and Santa Monica 82%.

San Diego officials say that until the MWD proposes specific rate changes, they don't know what kind of rate increases they will implement. But the city is so dependent on imported water that officials said they are worried.

"We're very concerned," said Bill Harris, deputy press secretary for San Diego Mayor Jerry Sanders. "For the foreseeable future, we're dependent on Metropolitan and what they do."

Harris said San Diego has been aggressively pushing conservation measures, including a "20-gallon challenge" in which residents are asked to

conserve that much water a day.

On Monday, officials with the San Diego County Water Authority addressed the City Council about the city's water outlook.

Locally, Long Beach has taken the most radical action on water conservation. The city's water board has prohibited residents from watering their lawns during the day or more than three times a week. Residents cannot use water hoses to clean driveways, patios, sidewalks or other paved areas unless they use a pressurized broom device.

Long Beach restaurants are barred from serving water unless diners expressly request it.

"Let's not just sit around and pray for rain. Everyone has to get serious about conservation," said Kevin Wattier, general manager of the Long Beach Water District, adding that the agency expects to raise rates within the next year or so.

MWD officials said other factors could worsen the water crunch over the next few months.

Besides the tiny smelt, the fate of chinook salmon that migrate through the delta could soon lead to another court decision, which could further restrict supplies.

"The court has heard arguments about the salmon, and we're awaiting their ruling on it," Kightlinger said. "That could make the situation that much tougher to deal with."

The Metropolitan Water District has had to draw from stored reserves, which are meant to be tapped in the event of a natural disaster or other catastrophe. Unless something changes, those reserves could be expended within a few years.

"We're faced with the prospect that Metropolitan could deplete those reserves as quickly as three years if this critical drought condition continues and if nothing is done," said Debra Man, the MWD's chief operating officer and assistant general manager.

Timothy Quinn, executive director of the Assn. of California Water Agencies, said the anxiety he and others are feeling is comparable to that felt during the prolonged drought and water crisis of the early '90s.

"I remember the angst felt back during the last drought, especially in 1991. I remember it like yesterday," Quinn said. "I have the same sense of foreboding today."

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Times staff writer Nancy Vogel contributed to this report.

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Inland News

For now, Inland water shortage won't prompt mandatory savings

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10:00 PM PDT on Monday, October 8, 2007

By **JENNIFER BOWLES** and **JIM MILLER**
The Press-Enterprise

With the ongoing drought and a court-imposed water shortage to come, Southern California's largest urban water supplier said Monday that a worst-case scenario could bring mandatory conservation by the spring and a 5 to 10 percent rate increase by 2009.

But officials at Metropolitan Water District at Southern California said the agency is hoping that stronger yet voluntary conservation measures to be considered in January will prevent that, said Bob Muir, a water district spokesman. The agency serves 18 million Southern Californians.

"First, we'll ratchet up the call for conservation, clearing the cupboards to voluntarily reduce water," Muir said, noting it will focus on outdoor water use, which accounts for 60 to 80 percent of a home's use.

While residential users face voluntary calls, farmers, including those in western Riverside County, will be the first to feel a mandatory pinch with a 30 percent cutback starting Jan. 1, Muir said. However, farmers in the Coachella Valley, which accounts for most of Riverside County's \$856 million in crops, get their water through the Coachella Valley Water District, which has no immediate plan to cut back on water supplies, said Steve Robbins, the agency's general manager and chief engineer.

The agency gets agriculture irrigation water from the Colorado River, which has been gripped by an eight-year drought. Water shortages elsewhere won't pose an immediate problem to the Coachella Valley, but in a year or two that could change, Robbins said.

"Right now, our Colorado River supplies haven't been cut," Robbins said.

Metropolitan Water District's board will consider a plan in January that will divvy up supplies during shortages to its customers, including two large water agencies in western Riverside County and one based in Chino, Muir said. That could lead to those customers -- cities and water agencies -- to impose mandatory conservation on residents and businesses, he said.

Some Metropolitan water is stored at Diamond Valley Lake near Hemet, Lake Skinner near Temecula and Lake Mathews near Riverside.

Though no Inland cities have imposed mandatory conservation measures, Long Beach officials recently began limiting the days residents may water their lawns and are encouraging people to report water wasters.

Cut Up to 33 Percent

Peter Odencrans, a spokesman for Perris-based Eastern Municipal Water District, said a 5 to 10 percent rate increase by Metropolitan, if it happens, doesn't necessarily mean it will be that high for Eastern's water customers. Eastern has its own supplies as well, he said. They could offset Metropolitan's price increases.

Despite the drought on the Colorado River, the state's latest water woes are focused on the Sacramento-San Joaquin River Delta. A federal judge recently ruled that supplies from the delta will be cut by up to 33 percent in late December to protect a tiny fish threatened with extinction.

To get by, Muir said the district could tap reservoirs, including Diamond Valley Lake near Hemet, but may have a hard time replenishing them if the supply cut continues.

"Before this federal court decision, we were able to take advantage of wet years to meet the demands of dry years, so our reserves gave us a cushion," he said. "But the fact remains, if we continue to face challenges beyond 2008, we could deplete reserves in three years."

Hoping to fix the problems in the delta and boost California's water supply, the state Senate is expected to vote today on Democrat-backed legislation for a \$6.8 billion water bond on the February ballot.

Political Differences

Monday, though, the measure still seemed short the two Republican votes needed for passage.

"I don't know how to solve the 'dams-are-us' approach," Senate President Pro Tem Don Perata, D-Oakland, complained about Republicans, who demand that any water bond legislation include money for new reservoirs.

The Senate Natural Resources Committee approved Perata's \$6.8 billion bond proposal Monday.

But the Democrat-controlled committee blocked a \$9 billion water bond measure sponsored by Gov. Schwarzenegger and supported by Republicans. The legislation includes money to build two Central Valley reservoirs and enlarge a third.

John Rossi, general manager of the Western Municipal Water District, testified Monday that the district, which serves western Riverside County, backs the governor's water bond package.

Recent amendments to the Perata measure seem tailored to appeal to the Inland area's GOP delegation. Changes add money for storm water management and groundwater cleanup, major issues in Riverside and San Bernardino counties.

Lawmakers are racing against the clock. The secretary of state's office has said next Monday is the last

day the Legislature can pass something in time to place it on the February ballot.

Legislators still could put a water bond on a supplemental ballot, which would give them a few more weeks to negotiate.

There already is a possible supplemental ballot in the works. County elections officials are reviewing voter signatures to qualify referendum measures on recently approved tribal casino agreements. The last petitions were turned in Monday.

Staff writer Kim Pierceall contributed to this story.

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