

# CHINO BASIN WATERMASTER



## NOTICE OF MEETINGS

**Tuesday, May 16, 2006**

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*

**Thursday, May 18, 2006**

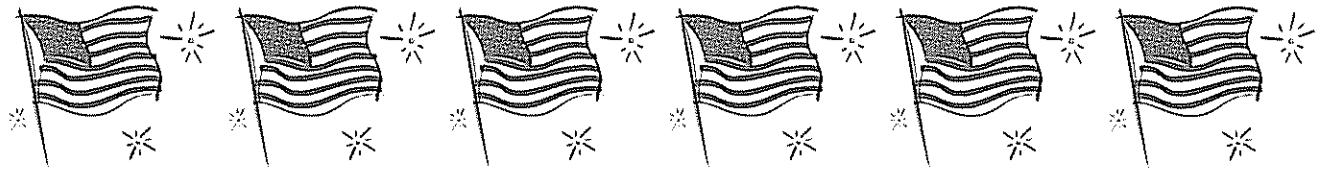
10:00 a.m. – Joint Appropriative and Non-Agricultural Pool Meeting

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

*9641 San Bernardino Road*

*Rancho Cucamonga, CA 91730*

*(909) 484-3888*



# CHINO BASIN WATERMASTER

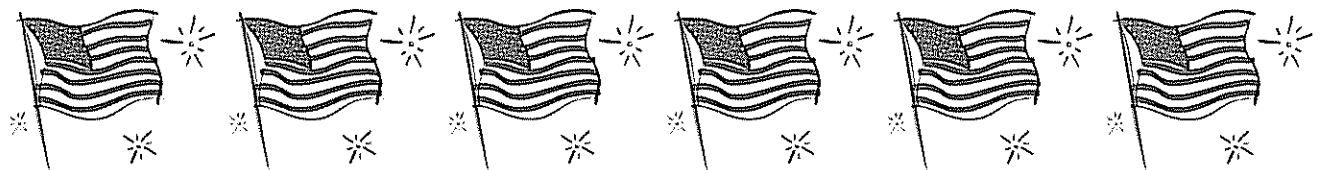
May 16, 2006

9:00 a.m. - Agricultural Pool Meeting

May 18, 2006

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

# AGENDA PACKAGE



**CHINO BASIN WATERMASTER  
AGRICULTURAL POOL MEETING**

9:00 a.m. – May 16, 2006

**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 Annual Agricultural Pool Meeting held April 18, 2006 *(Page 1)*

**B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of April 2006 *(Page 15)*
2. Combining Schedule of Revenue, Expenses and Changes in Working Capital for the Period July 1, 2005 through April 30, 2006 *(Page 19)*
3. Treasurer's Report of Financial Affairs for the Period April 1, 2006 through April 30, 2006 *(Page 21)*
4. Profit & Loss Budget vs. Actual July through March 2006 *(Page 23)*

**C. WATER TRANSACTION**

1. **Consider Approval for Transaction of Notice of Sale or Transfer** – Fontana Water Company has agreed to purchase from The Nicholson Trust water in storage in the amount of 0.623 acre-feet and annual production rights in the amount of 8.000 acre-feet. Date of application: April 14, 2006 *(Page 25)*
2. **Consider Approval for Transaction of Notice of Sale or Transfer** – Fontana Water Company has agreed to purchase from West Valley Water District water in storage in the amount of 2,000 acre-feet. Date of application: April 7, 2006 *(Page 39)*

**II. BUSINESS ITEMS**

**A. WATERMASTER BUDGET FOR FISCAL YEAR 2006/2007**

Consider Approval of the Watermaster Budget for Fiscal Year 2006/2007 *(Page 53)*

**III. REPORTS/UPDATES**

**A. WATERMASTER GENERAL LEGAL COUNSEL REPORT**

1. Peace II Process
2. Santa River Application
3. Boardsmanship Workshop Update

**B. WATERMASTER ENGINEERING CONSULTANT REPORT**

1. Summary of WEI April 2006 Report Regarding Hydraulic Control, Desalters and New Yield
2. Proposed WDRs for Recharge of Imported Water (*Page 63*)

**C. CEO/STAFF REPORT**

1. Water Quality Update
2. Strategic Planning Committee Update
3. Personnel Committee Update
4. GAMA Presentation by Robert Kent, California Water Science Center
5. Storm Water/Recharge Update
6. Inland Empire Public Affairs Network (IEPAN) Update (*Page 93*)
7. Legislative/Bond Update

**IV. INFORMATION**

1. Newspaper Articles (*Page 97*)

**V. POOL MEMBER COMMENTS**

**VI. OTHER BUSINESS**

**VII. FUTURE MEETINGS**

May 16, 2006	9:00 a.m.	Agricultural Pool Meeting @ IEUA
May 18, 2006	9:00 a.m.	MZ1 Technical Committee Meeting
<b>May 18, 2006</b>	<b>10:00 a.m.</b>	<b>Joint Appropriative &amp; Non-Agricultural Pool Meeting</b>
May 23, 2006	9:00 a.m.	GRCC Committee Meeting
May 25, 2006	9:00 a.m.	Advisory Committee Meeting
May 25, 2006	11:00 a.m.	Watermaster Board Meeting

**Meeting Adjourn**

**CHINO BASIN WATERMASTER  
JOINT MEETING APPROPRIATIVE  
& NON-AGRICULTURAL POOLS**

10:00 a.m. – May 18, 2006

At The Offices Of

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

**AGENDA**

**CALL TO ORDER**

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**A. MINUTES**

1. Minutes of the Joint Appropriative and Non-Agricultural Pool Meeting held April 13, 2006  
(Page 7)

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**II. BUSINESS ITEMS**

**A. WATERMASTER BUDGET FOR FISCAL YEAR 2006/2007**

Consider Approval of the Watermaster Budget for Fiscal Year 2006/2007 (Page 53)

**B. TIME CHANGE FOR THE APPROPRIATIVE AND NON-AGRICULTURAL POOL MEETINGS**

Consider Approval to Move the Monthly Meetings from 9:00 a.m. to 10:00 a.m. on a go forward basis

**III. REPORTS/UPDATES**

**A. WATERMASTER GENERAL LEGAL COUNSEL REPORT**

- 1. Peace II Process
- 2. Santa River Application
- 3. Boardsmanship Workshop Update

**B. WATERMASTER ENGINEERING CONSULTANT REPORT**

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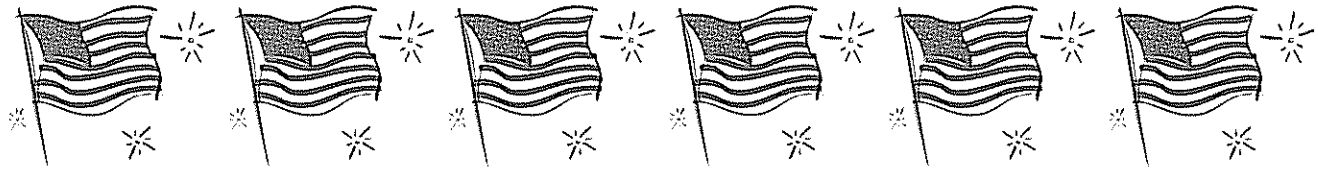
**V. POOL MEMBER COMMENTS**

**VI. OTHER BUSINESS**

**VII. FUTURE MEETINGS**

May 16, 2006	9:00 a.m.	Agricultural Pool Meeting @ IEUA
May 18, 2006	9:00 a.m.	MZ1 Technical Committee Meeting
<b>May 18, 2006</b>	<b>10:00 a.m.</b>	<b>Joint Appropriative &amp; Non-Agricultural Pool Meeting</b>
May 23, 2006	9:00 a.m.	GRCC Committee Meeting
May 25, 2006	9:00 a.m.	Advisory Committee Meeting
May 25, 2006	11:00 a.m.	Watermaster Board Meeting

**Meeting Adjourn**

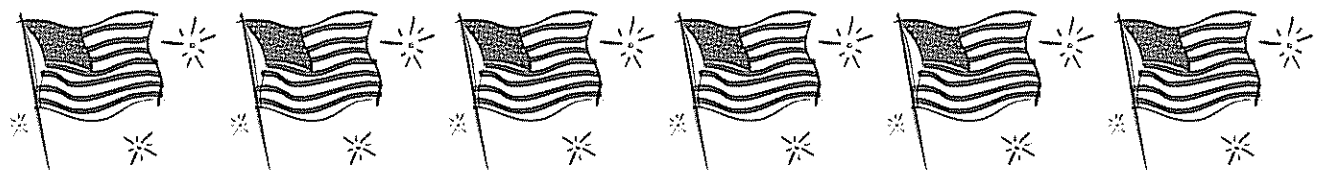


# CHINO BASIN WATERMASTER

## I. CONSENT CALENDAR

### A. MINUTES

1. Agricultural Pool Meeting – April 18, 2006



*Draft Minutes*  
**CHINO BASIN WATERMASTER**  
**AGRICULTURAL POOL MEETING**  
April 18, 2006

The Agricultural Pool Meeting was held at the offices of the Inland Empire Utilities Agency, 6075 Kimball Avenue, Chino, CA, on February 21, 2006 at 9:00 a.m.

**Agricultural Pool Members Present**

Nathan deBoom, Chair	Dairy
Glen Durrington	Crops
Gene Koopman	Milk Producers Counsel
John Huitsing	Dairy
Jeff Pierson	Crops
Bob Feenstra	Dairy
Dan Hostetler	Cal Poly Pomona

**Watermaster Staff Present**

Kenneth R. Manning	Chief Executive Officer
Sheri Rojo	CFO /Asst. General Manager
Gordon Treweek	Project Engineer
Danielle Maurizio	Senior Engineer
Sheri Lynne Molino	Recording Secretary

**Watermaster Consultants Present**

Michael Fife	Hatch & Parent
Mark Wildermuth	Wildermuth Environmental Inc.
Andrew Lazenby	Black & Veatch

**Others Present**

Steve Lee	Reid & Hellyer
Craig Stewart	Geomatrix for CIM

Chair deBoom called the meeting to order at 9:05 a.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 March 23, 2006

**B. FINANCIAL REPORTS**

5. Cash Disbursements for the month of March 2006
6. Combining Schedule of Revenue, Expenses and Changes in Working Capital for the Period July 1, 2005 through February 28, 2006
7. Treasurer's Report of Financial Affairs for the Period February 1, 2006 through February 28, 2006
8. Profit & Loss Budget vs. Actual July through February 2006

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

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



**II. BUSINESS ITEMS****A. MZ1 SUMMARY REPORT**

Mr. Manning stated this item was presented at the March Appropriative & Non-Agricultural pool meeting for recommendation to approve the February 2006 MZ1 Summary Report. It was decided at that pool meeting to table the recommendation for another month to allow further discussions between the City of Chino Hills and Watermaster due to concerns expressed by the City of Chino Hills. Unfortunately, no proposals for revision of the guidance criteria were forthcoming. Mr. Manning noted that in May of 2005 the Special Referee held a workshop and issued a report from that workshop. In that report were three findings in which the Special Referee was asking Watermaster to perform: 1) produce an MZ1 Summary Report that describes the investigation results and conclusions, 2) notify the court of the schedule for completion of the long-term plan, and 3) provide guidance criteria to the MZ1 producers in an effort to minimize potential for future subsidence in fissuring pending completion of the long-term plan. Mr. Manning noted the implementation of the Optimum Basin Management Plan (OBMP) requires this work be done and provide it to the court. The MZ1 Technical Committee has been meeting on a regular basis and has reviewed the MZ1 Summary Report in detail and is now focusing on the long-term plan issues. It was noted the Appropriative and Non-Agricultural Pool approved the report at the April 13, 2006 meeting with one no vote by the City of Chino Hills and staff is recommending this item be moved forward with the approval.

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

*Motion approve the February 2006 MZ1 Summary Report, as presented*

**III. REPORTS/UPDATES****A. WATERMASTER GENERAL LEGAL COUNSEL REPORT****1. Peace II Process**

Counsel Fife stated there is a confidential session scheduled for this afternoon to go over the responses and the new proposed term sheet which has been distributed and your counsel is here to address any questions regarding that proposal. Mr. Lee stated Mr. Vanden Heuvel will be here to discuss the new term sheet after the meeting is over. Counsel Fife also noted the responses were made available this week which included the Wildermuth Environmental's technical report along with legal counsel responses to the questions that came up during the Peace II workshops and was posted on the Chino Basin Watermaster web and ftp site. Mr. Manning stated there are some hard copies of both reports available on the back table for those of you need one. Mr. Manning noted the meeting scheduled for today is an Attorney-Manger confidential meeting that has been opened to others to attend as long as they abide by the rules of confidentiality and a waiver will need to be signed. A discussion ensued with regard to the completion of Peace II and how that process would travel through the process. Mr. Manning stated in the best of all worlds the Peace II process will be concluded in May, the final copy will be brought forth through the Watermaster process in June, and the Special Referee workshop will be scheduled in July as planned.

**2. Santa Ana River Water Rights Application**

Counsel Fife stated this item has been a long on-again/off-again process and presently it is on the forefronts again. Counsel Fife stated in May of 2005 the other parties that are involved in this process (including Orange County Water District (OCWD), Western Municipal Water District (WMWD), San Bernardino Municipal Water District, and the City of Riverside) decided they were ready to move forward on their applications and bring their applications to hearing by the beginning of 2006. Counsel Fife stated it has been made known to the parties involved that Watermaster is confident in our projects, positive in our validity of our application, and if they are ready to go to the State Board to get confirmation of their rights, we will follow suit. The last time this item was in motion, counsel and staff met with the State Board's staff to discuss the details of our application along with trips made to Sacramento and after that attempt the issue faded away and has been silent ever since. Counsel Fife stated OCWD has now reissued a programmatic environmental impact

report for their water rights application. The notice of availability is on the back table for review. With this news, counsel is anticipating WMWD to follow suit and if this does happen counsel, in concert with WMWD, will approach the State Board. Counsel Fife stated it is Watermaster's position that we have all the rights to all the surface water that passes through the Chino Basin and staff has expressed to the State Board that we do not need to do any further CEQA work and believe Watermaster is solid on our part of our application. A discussion ensued with regard to hydraulic control and its role on this application.

## **B. WATERMASTER ENGINEERING CONSULTANT REPORT**

### **1. Update on Report on Balance of Recharge and Discharge**

Mr. Wildermuth stated this long awaited report on Balance of Recharge and Discharge is now complete. There are some copies available today for handout. Mr. Wildermuth noted there are some slight changes to the numbers but the end result is the same as in previous releases. The suggested reading if you are not into maps and graphs is section "Conclusions" because there are some differences in that section than in previous releases. Mr. Wildermuth stated the engineering staff is having a difficult time showing hydraulic control in the far west side. In conversations with the Regional Board is that they want to see a definitive hydraulic control and see groundwater flowing to desalter wells (definitive containment) which is a new request. Mr. Wildermuth discussed various well sites. Mr. Wildermuth noted a concern has been raised at the MZ1 Technical Committee meetings that there is an area north, the managed area in MZ1, which still is undergoing some subsidence; not a great deal of concern has been expressed over this finding. The City of Chino has been concerned which is why this item has been placed in the Peace II process in the Peace Agreement to deal with the subsidence problem. As staff moves forward with re-operation more understanding is going to be placed on that particular subsidence process to make sure re-operation does not impact it. With half replenishment this should not be a big problem; a management plan could be drawn up to make that work. With no desalter replenishment it would probably be more difficult and that is what the models suggest. The conclusions and recommendations are written around with doing a re-operation up to 400,000 acre-feet or some kind of policy statement stating it is alright to subside in that particular place because there are no worries concerning that area.

## **C. CEO/STAFF REPORT**

### **1. Consequences of Non-Implementation of Peace II**

Mr. Manning stated following discussions with the special referee, it was suggested a brief summary be put together and presented to the parties on this subject matter. Hatch & Parent was tasked to go through all the consequences and provide a memo to be presented at the meetings to bring the parties up to speed on the consequences. Counsel Fife stated this memo is a brief overview of some of the consequences if the Peace II was not completed. Counsel Fife stated the question which was presented to staff and counsel was to look at the possibility that nobody agrees to the Peace II Term Sheet and what happens then. In the workshop the question was also presented asking what happens if we don't have this Term Sheet. Counsel went through each of the subject areas that are in the Term Sheet noting the memo which is being discussed is available on the back table. In reviewing the question, "if there was not Term Sheet", Counsel Fife stated what was found of each of them is the subject that are being addressed by the Term Sheet are not just gratuitous things they are actual issues that have come up that need resolution. One way or another each of these subject areas, in the Peace II Term Sheet, has to be addressed and has to be addressed in the short term. Counsel Fife stated we have to build a third Desalter, there is no choice. If we do not have the Peace II Term Sheet, we will still have to build Desalter III, and it will not be coordinated with all the other issues that are on the table such as storage and losses. The desalter issue will be dealt with on its own and each action thereafter will be dealt with separately and without coordination. This is the ultimate result that came up in reviewing the question, "What if there is no Peace II Term Sheet"; things will still be dealt with individually. No action will conclude an action of some

sort; no action is an action and still will have sequential actions independently of each other. A lengthy discussion ensued with regard to replenishment and possible Judge Gunn's views on what is taking place and its affects on the current judgment.

2. DataX Presentation

Mr. Manning stated this presentation will be given at the Watermaster Board meeting and that the Inland Empire Utilities Agency (IEUA) will also be presenting it at their board meeting; this is a joint effort project with IEUA. Ms. Maurizio noted an update was last given on this project in March 2005. Ms. Maurizio reviewed the background on this project and acknowledged this is a joint CBWM and IEUA effort which started in October 2003. The purpose of the project is to facilitate the collection, management and sharing of water resources data. What DataX can be used for was reviewed in detail. The phased implementation was presented including Phase I - fiscal year 2004/05 and Phase II - fiscal year 2005/06. Ms. Maurizio stated the DataX inter-agency web-based data-entry portal will be a centralized location for CBWM and IEUA to receive and store data that is being collected and submitted by other parties. The objectives and benefits to participating agency/cities were discussed. An inter-agency data entry portal pilot test will take place with the City of Chino and Cucamonga Valley Water District as participants. Future work for Phase II - fiscal year 2006/07 will include implementing direct data input by all Appropriative pool data generators, display recharge basin calculated results from the SCADA data, and interface imported and recycled water system with the IEUA billing system. Ms. Maurizio stated staff at Chino Basin Watermaster staff is currently using DataX and is very pleased with it. A question regarding water level data was presented. Mr. Manning stated currently water level data is accessible by Watermaster staff and maintained by Wildermuth Environmental. A brief discussion ensued with regard to data requests.

3. Legislative Update

Mr. Manning stated staff was in Washington DC at the end of March for a two in a half day schedule which included meeting with a number of legislators, aides, and staff as well as members of the sub-committees for both the senate and the house. Some additional meetings were added to the schedules which were very productive and important with both the Bureau of Reclamation and the Agricultural Departments staff. SB2106 is a title 16 program was held up at the senate level. Mr. Manning discussed the bill in detail.

Mr. Manning stated that within that last few days a new bill has surfaced by Senator Simitian, SB1612, which will pump new life into the concept of peripheral canal under the title of a clean water project. Since Watermaster can not take a position on bills Mr. Manning encouraged the public agencies to take a look at the bill to see if input is needed by their agency. Mr. Manning offered more details on the bill.

4. MWD Groundwater Study

Mr. Manning stated in September of 2005 the Metropolitan Water District (MWD) asked groundwater managers in the MWD service area to meet at their office to discuss putting together a very cursory look at groundwater basins in Southern California within and in some cases outside the service area. The purpose would be to answer questions from their board relative to, "Is there any potential for groundwater storage as opposed to surface storage?" MWD staff is collecting data for this report. Last Friday Ms. Grebbien, Mr. Rossi and Mr. Manning met with MWD staff to talk about what MWD is exactly looking for due to the vagueness of their request for data. Mr. Manning stated he expressed a concern to MWD staff that if they were going to be gathering groundwater data that they needed to have a groundwater savvy person on staff or in a consultant capacity that can deal with the data. MWD noted that was one of their concerns and were going to be addressing that concern. Mr. Manning noted several other bases opted to fill out a questionnaire that was sent by MWD; however, Chino Basin Watermaster opted to send

them our State of the Basin Report and some of our underlying governance documents and then schedule meeting directly with them to discuss their needs to fill in the gaps.

5. Workshops Update

Mr. Manning stated there is a Boardmanship workshop scheduled for board members and any other party who wishes to attend on April 27, 2006 after the Board meeting. This meeting has been scheduled by a request from board member Sandra Rose who wanted a better knowledge on her role as a board member for the Chino Basin Watermaster. Hatch & Parent will be conducting this workshop.

A budget workshop has been scheduled for Ms. Rojo to present the proposed 2006/2007 budget on Tuesday, May 2, 2006 starting at 9:00 a.m.

6. Storm Water/Recharge Update

Mr. Treweek stated there is an updated Storm Water/Recharge Update available on the back table. It was noted 34,000 acre-feet of fiscal year has been recharged after nine months, there are four more months left in the storm season and we have been receiving above 5,000 acre-feet per month of recharge. This should bring us up to the 50,000 acre-foot goal for this year. February and March have had very good results for recharge due the recent storms. Mr. Treweek reviewed the handout in detail.

7. Draft Desalter III Alternative Study Update

Mr. Manning stated that as of part of the Peace II process staff has been discussing a relationship with Western Municipal Water District (WMWD) for the construction of a desalter program that provided for 10 mgd of product water. There have been several questions regarding what the new desalter program might possibly look like. Mr. Dave Argo from Black & Veatch has been tasked by WMWD to look at some desalter alternatives and Mr. Argo is here to present the draft concept ideas. Mr. Argo presented the "Chino Basin Optimum Basin Management Program – Potential Deliveries of 10,000 AFY to WMWD / Development of New Chino III Desalter) presentation. The presentation was developed by Black & Veatch in association with RBF Consulting and Wildermuth Environmental, Inc. It was noted Watermaster is exploring options for a third Chino desalter and a plan is needed to fulfill the objectives of the originally proposed Chino III Desalter which will maintain hydraulic control, meet Peace II objectives, and meet the goals of the Optimum Basin Management Program (OBMP). Mr. Argo stated a plan is needed to maintain hydraulic control in the basin and reviewed the goal to maintain historic agricultural pumping in the south basin to achieve required production of 40,000 afy. Mr. Argo stated five concepts were developed to meet the objectives of Chino III Desalter and reviewed in detail each of the possible concepts. It was noted in the evaluation that Concept #1 explores 10 mgd expansion of Chino II Desalter, Concept #2 explores new 10 mgd Chino II Desalter, Concept #3 explores 10 mgd expansion of Chino I Desalter, Concept #4 explores 4 mgd expansion of Chino I Desalter and 6 mgd expansion of Chino II Desalter, and Concept #5 explores 4.7 mgd expansion of Chino I, 3.5 mgd expansion of Chino II and new 1.8 mgd Chino III Desalter. Mr. Argo stated all concepts assume use of the existing Arlington Desalter pipeline for deliveries to Western. Facility and cost assumptions were based on existing Chino Desalter Authority facilities and construction costs. A facility model was developed to estimate the costs for each of the five concepts. Mr. Argo reviewed several maps of wells in correlation to the five concepts in detail and discussed the next steps that will be taken with Watermaster and stakeholder approval. The hydraulic control summary chart was examined and discussed and Mr. Argo solicited questions and comments from committee members. A lengthy discussion ensued with regard to the presented update.

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**

Mr. Manning congratulated Counsel Fife for making partner at Hatch & Parent.

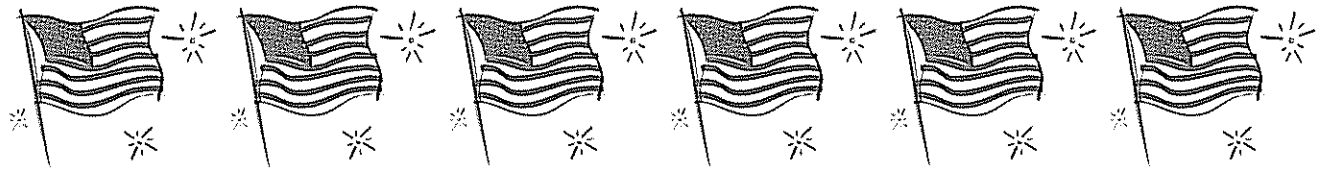
**VII. FUTURE MEETINGS**

April 11, 2006	9:00 a.m.	GRCC Committee Meeting
April 13, 2006	8:00 a.m.	MZ1 Technical Committee Meeting
April 13, 2006	9:00 a.m.	Joint Appropriative & Non-Agricultural Pool Meeting
April 18, 2006	9:00 a.m.	Agricultural Pool Meeting @ IEUA
April 18, 2006	1:00 p.m.	Confidential Negotiation Session
April 20, 2006	9:30 a.m.	DHS & RWQCB Public Hearing
April 20, 2006	1:00 p.m.	Water Quality Committee Meeting
April 25, 2006	9:00 a.m.	GRCC Committee Meeting
April 27, 2006	9:00 a.m.	Advisory Committee Meeting
April 27, 2006	11:00 a.m.	Watermaster Board Meeting
April 27, 2006	1:00 p.m.	Boardsmanship Workshop
May 2, 2006	9:00 a.m.	Budget Workshop

The Agricultural Pool Meeting Adjourned at 10:58 a.m.

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

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



# CHINO BASIN WATERMASTER

## I. CONSENT CALENDAR

### A. MINUTES

1. Joint Appropriative & Non-Agricultural  
Pool Meeting – April 13, 2006



*Draft Minutes*  
**CHINO BASIN WATERMASTER**  
**JOINT APPROPRIATIVE & NON-AGRICULTURAL POOL MEETING**  
April 13, 2006

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 April 13, 2006 at 9:00 a.m.

**APPROPRIATIVE POOL MEMBERS PRESENT**

Robert DeLoach, Chair	Cucamonga Valley Water District
Jim Taylor	City of Pomona
Dave Crosley	City of Chino
Ken Jeske	City of Ontario
Charles Moorrees	San Antonio Water Company
Rosemary Hoerning	City of Upland
James T. Bryson	Fontana Water Company
Mark Kinsey	Monte Vista Water District
Gerald J. Black	Fontana Union Water Company
Mike Maestas	City of Chino Hills
Cheryl Russell	Jurupa Community Services District

**NON-AGRICULTURAL POOL MEMBERS PRESENT**

Justin Scott-Coe	Vulcan Materials Company (Calmat Division)
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**Watermaster Staff Present**

Kenneth R. Manning	Chief Executive Officer
Sheri Rojo	CFO/Asst. General Manager
Danielle Maurizio	Senior Engineer
Gordon Treweek	Project Engineer
Sherri Lynne Molino	Recording Secretary

**Watermaster Consultants Present**

Michael Fife	Hatch & Parent
Mark Wildermuth	Wildermuth Environmental Inc.
Andy Malone	Wildermuth Environmental Inc.
Dave Argo	Black & Veatch

**Others Present**

Kristi Kuhlmann	Black & Veatch
John Rossi	Western Municipal Water District
David DeJesus	Three Valleys Municipal Water District
Marty Zvirbulis	Cucamonga Valley Water District
Jack Safely	Western Municipal Water District
Craig Stewart	Geomatrix
Frank Brommschenkel	Ag Pool Representative
Ashok K. Dhingra	City of Pomona

Chair DeLoach called the meeting to order at 10:00 a.m.

**AGENDA - ADDITIONS/REORDER**

It was noted the "Draft Desalter III Alternative Study Update" under CEO/UPDATES which is being presented by Dave Argo of Black & Veatch be presented first after the Consent Calendar.

**I. CONSENT CALENDAR****A. MINUTES**

1. Minutes of the Joint Appropriative and Non-Agricultural Pool Meeting held March 9, 2006

**B. FINANCIAL REPORTS**

5. Cash Disbursements for the month of March 2006
6. Combining Schedule of Revenue, Expenses and Changes in Working Capital for the Period July 1, 2005 through February 28, 2006
7. Treasurer's Report of Financial Affairs for the Period February 1, 2006 through February 28, 2006
8. Profit & Loss Budget vs. Actual July through February 2006

*Motion by Kinsey, second by Taylor, and by unanimous vote – non-Ag concurred  
Moved to approve Consent Calendar Items A through B, as presented*

**C. CEO/STAFF REPORT****7. Draft Desalter III Alternative Study Update**

Mr. Manning stated that as of part of the Peace II process staff has been discussing a relationship with Western Municipal Water District (WMWD) for the construction of a desalter program that provided for 10 mgd of product water. There have been several questions regarding what the new desalter program might possibly look like. Mr. Dave Argo from Black & Veatch has been tasked by WMWD to look at some desalter alternatives and Mr. Argo is here to present five draft concept ideas. Mr. Argo presented the "Chino Basin Optimum Basin Management Program – Potential Deliveries of 10,000 AFY to WMWD / Development of New Chino III Desalter) presentation. The presentation was developed by Black & Veatch in association with RBF Consulting and Wildermuth Environmental, Inc. It was noted Watermaster is exploring options for a third Chino desalter and a plan is needed to fulfill the objectives of the originally proposed Chino III Desalter which will maintain hydraulic control, meet Peace II objectives, and meet the goals of the Optimum Basin Management Program (OBMP). Mr. Argo stated a plan is needed to maintain hydraulic control in the basin and reviewed the goal to maintain historic agricultural pumping in the south basin to achieve required production of 40,000 afy. Mr. Argo stated five concepts were developed to meet the objectives of Chino III Desalter and reviewed in detail each of the possible concepts. It was noted in the evaluation that Concept #1 explores 10 mgd expansion of Chino II Desalter, Concept #2 explores new 10 mgd Chino II Desalter, Concept #3 explores 10 mgd expansion of Chino I Desalter, Concept #4 explores 4 mgd expansion of Chino I Desalter and 6 mgd expansion of Chino II Desalter, and Concept #5 explores 4.7 mgd expansion of Chino I, 3.5 mgd expansion of Chino II and new 1.8 mgd Chino III Desalter. Mr. Argo stated all concepts assume use of the existing Arlington Desalter pipeline for deliveries to Western. Facility and cost assumptions were based on existing Chino Desalter Authority facilities and construction costs. A facility model was developed to estimate the costs for each of the five concepts. Mr. Argo reviewed several maps of wells in correlation to the five concepts in detail and discussed the next steps that will be taken with Watermaster and stakeholder approval. The hydraulic control summary chart was examined and discussed and Mr. Argo solicited questions and comments from committee members. A question regarding the numbers presented on the concepts which lead to a discussion. Mr. Argo stated the five concepts which were presented will most likely not be one of the options to choose from later on once more work has been done and recommendations received to make changes. Mr. Wildermuth noted this endeavor will need to be a partnership of costs. A discussion ensued with regard to costs, concepts, and water demands from Metropolitan Water District.



**II. BUSINESS ITEMS****A. MZ1 SUMMARY REPORT**

Mr. Manning stated this item was brought forth to this pool in March for recommendation to approve the February 2006 MZ1 Summary Report. It was decided at the March Appropriative & Non-Agricultural pool meeting to table the recommendation for another month to allow further discussions between the City of Chino Hills and Watermaster due to concerns expressed by the City of Chino Hills. Unfortunately, no proposals for revision of the guidance criteria were forthcoming. Mr. Manning noted that in May of 2005 the Special Referee held a workshop and issued a report from that workshop. In that report were three findings in which the Special Referee was asking Watermaster to perform: 1) produce an MZ1 Summary Report that describes the investigation results and conclusions, 2) notify the court of the schedule for completion of the long-term plan, and 3) provide guidance criteria to the MZ1 producers in an effort to minimize potential for future subsidence in fissuring pending completion of the long-term plan. Mr. Manning noted the implementation of the Optimum Basin Management Plan (OBMP) requires this work be done and provide it to the court. The MZ1 Technical Committee has been meeting on a regular basis and has reviewed the MZ1 Summary Report in detail and is now focusing on the long-term plan issues. Staff is recommending this item be moved forward with the approval. Mr. Kinsey inquired to the City of Chino Hills if they were presently ready to support the report as prepared. Mr. Maestas stated to his knowledge the report has not changed from the May meeting and the City of Chino Hills will not be in support of approving the report. Mr. Manning stated the MZ1 Summary Report and the Long-Term plan will not necessarily have to be connected; this report is important to take action on and the long-term issues still need to be addressed with the City of Chino Hills is a separate issue. Staff will continue its attempt to schedule a meeting with the City of Chino Hills and work with all the parties to ensure their full understanding of the document/process.

*Motion by Crosley, second by Taylor, and by majority vote – non-Ag concurred  
Motion approve the February 2006 MZ1 Summary Report, as presented*

**III. REPORTS/UPDATES****A. WATERMASTER GENERAL LEGAL COUNSEL REPORT****1. Peace II Process**

Counsel Fife stated this week the Wildermuth Environmental's technical report along with legal counsel responses to the questions that came up during the Peace II workshops was posted on the Chino Basin Watermaster web and ftp site. Mr. Manning stated there are some hard copies of both reports available here for those of you who had trouble downloading the items onto your systems due to its size.

Counsel Fife stated there is a confidential negotiating session scheduled for Tuesday, April 18, 2006 at 1:00 p.m. at the Watermaster office. Counsel and staff are anticipating a proposal from Watermaster to be available to help resolve the impasse that parties have been in over the last few months. Mr. Manning stated the strawman proposal will be made available for distribution this afternoon. Comments and suggestions will be received at the April 18, meeting on the strawman proposal.

**2. Santa Ana River Water Rights Application**

Counsel Fife stated this item has been a long on-again/off-again process and presently it is on the forefront again. Counsel Fife stated in May of 2005, the other parties that are involved in this process (including Orange County Water District (OCWD), Western Municipal Water District (WMWD), San Bernardino Municipal Water District, and the City of Riverside) decided they were ready to move forward on their applications and bring their applications to hearing by the beginning of 2006. Counsel Fife stated it has been made known to the parties involved that Watermaster is confident in our projects, positive in our validity of our application, and if they are ready to go to the State Board to get confirmation of their rights, we will follow suit. The last time this item was in motion, counsel and staff met with the State Board's staff to discuss the details of our application along with trips

made to Sacramento and after that attempt the issue faded away and has been silent ever since. Counsel Fife stated OCWD has now reissued a programmatic environmental impact report for their water rights application. The notice of availability is on the back table for review. With this news, counsel is anticipating WMWD to follow suit and if this does happen counsel, in concert with WMWD, will approach the State Board. Counsel Fife stated it is Watermaster's position that we have all the rights to all the surface water that passes through the Chino Basin and staff has expressed to the State Board that we do not need to do any further CEQA work and believe Watermaster is solid on our part of our application. Chair DeLoach stated he was pleased to read in the Summary Report that OCWD can move forward with their application and not impact the northern entities. A discussion ensued with regard to water being counted twice and the possibility of an impact study. Counsel Fife offered comment on water rights. Mr. Manning stated parties might want to make comments on this issue.

## **B. WATERMASTER ENGINEERING CONSULTANT REPORT**

### **1. Update on Report on Balance of Recharge and Discharge**

Mr. Wildermuth stated the report on Balance of Recharge and Discharge is now complete. There are copies available today for handout. Mr. Wildermuth noted there are some slight changes to the numbers but the end result is the same as in previous releases. The suggested reading if you are not into maps and graphs is section "Conclusions" because there are some differences in that section than in previous releases. Mr. Wildermuth stated the engineering staff is having a difficult time showing hydraulic control in the far west side. In conversations with the Regional Board is that they want to see a definitive hydraulic control and see groundwater flowing to desalter wells (definitive containment) which is a new request. Mr. Wildermuth discussed various well sites. Mr. Wildermuth noted a concern has been raised at the MZ1 Technical Committee meetings that there is an area north, the managed area in MZ1, which still is undergoing some subsidence; not a great deal of concern has been expressed over this finding. The City of Chino has been concerned which is why this item has been placed in the Peace II process in the Peace Agreement to deal with the subsidence problem. As staff moves forward with re-operation more understanding is going to be placed on that particular subsidence process to make sure re-operation, does not impact it. With half replenishment this should not be a big problem; a management plan could be drawn up to make that work. With no desalter replenishment it would probably be more difficult and that is what the models suggest. The conclusions and recommendations are written around with doing a re-operation up to 400,000 acre-feet or some kind of policy statement stating it is alright to subside in that particular place because there are no worries concerning that area. Mr. Wildermuth stated subsidence happens in all basins and the ground will sink slightly. The question is do we have an acceptable amount or some kind of other factor involved such as fissuring. Mr. Jeske inquired into the expansion of desalter well locations. A discussion on wells one through four and other possible shallow wells ensued.

## **C. CEO/STAFF REPORT**

### **1. Consequences of Non-Implementation of Peace II**

Mr. Manning stated following discussions with the special referee, it was suggested a brief summary be put together and presented to the parties on this subject matter. Hatch & Parent was tasked to go through all the consequences and provide a memo to be presented at the meetings to bring the parties up to speed on the consequences. Counsel Fife stated this memo is a brief overview of some of the consequences if Peace II is not completed. Counsel Fife noted that other than water quality, all the rest of the items are tied to specific deadlines, all of which will kick in whether we do Peace II or not. The ultimate conclusion of the memo is the choice in dealing with these issues as a unit and in a coordinated way or dealing with them on an individual basis. It was noted that "no action" really constitutes "action" because something will happen eventually if one chooses to do nothing – it will have a consequence.

2. DataX Presentation

Mr. Manning stated this presentation will be given at the Watermaster Board meeting and that the Inland Empire Utilities Agency (IEUA) will also be presenting it at their board meeting; this is a joint effort project with IEUA. Ms. Maurizio noted an update was last given on this project in March 2005. Ms. Maurizio reviewed the background on this project and acknowledged this is a joint CBWM and IEUA effort which started in October 2003. The purpose of the project is to facilitate the collection, management and sharing of water resources data. What DataX can be used for was reviewed in detail. The phased implementation was presented including Phase I - fiscal year 2004/05 and Phase II - fiscal year 2005/06. Ms. Maurizio stated the DataX inter-agency web-based data-entry portal will be a centralized location for CBWM and IEUA to receive and store data that is being collected and submitted by other parties. The objectives and benefits to participating agency/cities were discussed. An inter-agency data entry portal pilot test will take place with the City of Chino and Cucamonga Valley Water District as participants. Future work for Phase III - fiscal year 2006/07 will include implementing direct data input by all appropriate pool data generators, display recharge basin calculated results from the SCADA data, and interface imported and recycled water system with the IEUA billing system. Ms. Maurizio stated staff at Chino Basin Watermaster is currently using DataX and is very pleased with it. Mr. Manning noted this system should provide a lot of streamlining for agencies for data requests and processing.

3. Legislative Update

Mr. Manning stated staff was in Washington DC at the end of March for a two in a half day schedule which included meeting with a number of legislators, aides, and staff as well as members of the sub-committees for both the senate and the house. Some additional meetings were added to the schedules which were very productive and important with both the Bureau of Reclamation and the Agricultural Departments staff. SB2106 which was HR176 and is a title 16 program was held up at the senate level and Mr. Manning discussed the bill in detail. After staff returned from Washington DC it was noted the Bureau of Reclamation surfaced a new proposal twist on their "Water 2025" publication.

Mr. Manning stated that within that last few days a new bill has been introduced by Senator Simitian, SB1612, which will pump new life into the concept of peripheral canal under the title of a clean water project. Mr. Manning encouraged the public agencies to take a look at the bill to see if input is needed by their agency. Mr. Manning offered more details on the bill. Chair DeLoach stated CVWD is going to be filing comments on the bill and offered comments on the issues of the bill.

4. MWD Groundwater Study

Mr. Manning stated in September of 2005 the Metropolitan Water District (MWD) asked groundwater managers in the MWD service area to meet at their office to discuss putting together a very cursory look at groundwater basins in Southern California within and in some cases outside the service area. The purpose would be to answer questions from their board relative to, "Is there any potential for groundwater storage as opposed to surface storage?" MWD staff is collecting data for this report. Last Friday Ms. Grebbien, Mr. Rossi and Mr. Manning met with MWD staff to talk about what MWD is exactly looking for due to the vagueness of their request for data. Mr. Manning stated he expressed a concern to MWD staff that if they were going to be gathering groundwater data that they needed to have a groundwater savvy person on staff or in a consultant capacity that can deal with the data. MWD noted that was one of their concerns and they were going to be addressing that concern. Mr. Manning noted several other basins opted to fill out a questionnaire that was sent by MWD; however, Chino Basin Watermaster opted to send them our State of the Basin Report and some of our underlying governance documents and then schedule meeting directly with them to discuss their needs to fill in the gaps.

5. Workshops Update

Mr. Manning stated there is a Boardmanship workshop scheduled for board members and any other party who wishes to attend on April 27, 2006 after the Board meeting. This meeting has been scheduled by a request from board member Sandra Rose who wanted a better knowledge on her role as a board member for the Chino Basin Watermaster. Hatch & Parent will be conducting this workshop.

A budget workshop has been scheduled for Ms. Rojo to present the proposed 2006/2007 budget on Tuesday, May 2, 2006 starting at 9:00 a.m.

6. Storm Water/Recharge Update

Mr. Treweek stated there is an updated Storm Water/Recharge Update available on the back table. It was noted 34,000 acre-feet of fiscal year has been recharged after nine months, there are four more months left in the storm season and we have been receiving above 5,000 acre-feet per month of recharge. This should bring us up to the 50,000 acre-foot goal for this year. February and March have had very good results of recharge due to recent storms. Mr. Treweek reviewed the handout in detail.

7. Draft Desalter III Alternative Study Update

This item was taken out of order and was presented after the Consent Calendar by Mr. Argo from Black & Veatch.

**IV. INFORMATION**

1. Newspaper Articles

No comment was made regarding this item.

**V. POOL MEMBER COMMENTS**

Chair DeLoach asked that a time change for the Appropriative Pool and Non-Agricultural pools meeting be put on the agenda for May to discuss a 10:00 a.m. start time instead of a 9:00 a.m. start time.

**VI. OTHER BUSINESS**

Mr. Manning congratulated Counsel Fife for making partner at Hatch & Parent.

**VII. FUTURE MEETINGS**

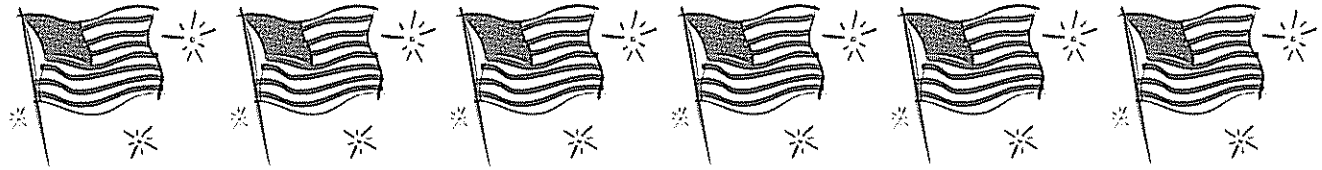
April 11, 2006	9:00 a.m.	GRCC Committee Meeting
April 13, 2006	8:00 a.m.	MZ1 Technical Committee Meeting
April 13, 2006	9:00 a.m.	Joint Appropriative & Non-Agricultural Pool Meeting
April 18, 2006	9:00 a.m.	Agricultural Pool Meeting @ IEUA
April 18, 2006	1:00 p.m.	Confidential Negotiation Session
April 20, 2006	9:30 a.m.	DHS & RWQCB Public Hearing
April 20, 2006	1:00 p.m.	Water Quality Committee Meeting
April 25, 2006	9:00 a.m.	GRCC Committee Meeting
April 27, 2006	9:00 a.m.	Advisory Committee Meeting
April 27, 2006	11:00 a.m.	Watermaster Board Meeting
April 27, 2006	1:00 p.m.	Boardmanship Workshop
May 2, 2006	9:00 a.m.	Budget Workshop

The Joint Appropriative & Non-Agricultural Pool Meeting Adjourned at 11:25 a.m.

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

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

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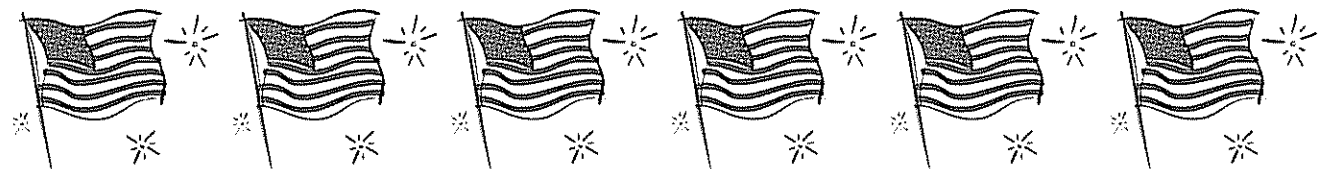


# CHINO BASIN WATERMASTER

## I. CONSENT CALENDAR

### B. FINANCIAL REPORTS

1. Cash Disbursements for the month of April 2006
2. Combining Schedule of Revenue, Expenses and Changes in Working Capital for the Period July 1, 2005 through April 30, 2006
3. Treasurer's Report of Financial Affairs for the Period April 1, 2006 through April 30, 2006
4. Profit & Loss Budget vs. Actual July through March 2006





# CHINO BASIN WATERMASTER

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

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**KENNETH R. MANNING**  
Chief Executive Officer

## STAFF REPORT

**DATE:** May 16, 2006  
May 18, 2006  
May 25, 2006

**TO:** Committee Members  
Watermaster Board Members

**SUBJECT:** Cash Disbursement Report – April 2006

### SUMMARY

**Issue** – Record of cash disbursements for the month of April 2006.

**Recommendation** – Staff recommends the Cash Disbursements for April 2006 be received and filed as presented.

**Fiscal Impact** – All funds disbursed were included in the FY 2005-06 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 April 2006 were \$464,435.23. The most significant expenditures during the month were Wildermuth Environmental Inc. in the amount of \$239,025.93 and Hatch and Parent in the amount of \$42,808.86.



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CHINO BASIN WATERMASTER  
Cash Disbursement Detail Report  
April 2006

Type	Date	Num	Name	Amount
Apr 06				
Bill Pmt -Check	4/5/2006	10368	ANDERSON, JOHN	-125.00
Bill Pmt -Check	4/5/2006	10369	ARROWHEAD MOUNTAIN SPRING WATER	-48.61
Bill Pmt -Check	4/5/2006	10370	BOWCOCK, ROBERT	-250.00
Bill Pmt -Check	4/5/2006	10371	CHAMPION NEWSPAPERS	-35.00
Bill Pmt -Check	4/5/2006	10372	DE BOOM, NATHAN	-625.00
Bill Pmt -Check	4/5/2006	10373	DIRECTV	-74.98
Bill Pmt -Check	4/5/2006	10374	DURRINGTON, GLEN	-500.00
Bill Pmt -Check	4/5/2006	10375	FEENSTRA, BOB	-375.00
Bill Pmt -Check	4/5/2006	10376	GEOTECHNICAL SERVICES	-7,964.56
Bill Pmt -Check	4/5/2006	10381	GROOMAN'S PUMP & WELL DRILLING, INC.	-85.00
Bill Pmt -Check	4/5/2006	10382	HAMRICK, PAUL	-125.00
Bill Pmt -Check	4/5/2006	10383	Hettinga, Peter	-375.00
Bill Pmt -Check	4/5/2006	10384	HOSTETLER, DAN	-125.00
Bill Pmt -Check	4/5/2006	10385	HSBC BUSINESS SOLUTIONS	-945.83
Bill Pmt -Check	4/5/2006	10386	HUITSING, JOHN	-375.00
Bill Pmt -Check	4/5/2006	10387	JAMES JOHNSTON	-1,110.00
Bill Pmt -Check	4/5/2006	10388	KOOPMAN, GENE	-375.00
Bill Pmt -Check	4/5/2006	10389	KUHN, BOB	-250.00
Bill Pmt -Check	4/5/2006	10390	MONTE VISTA WATER DIST	-250.00
Bill Pmt -Check	4/5/2006	10377	MWH LABORATORIES	-200.00
Bill Pmt -Check	4/5/2006	10378	PAYCHEX	-226.95
Bill Pmt -Check	4/5/2006	10379	PETTY CASH	-646.94
Bill Pmt -Check	4/5/2006	10380	PIERSON, JEFFREY	-375.00
Bill Pmt -Check	4/5/2006	10391	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	-6,727.21
Bill Pmt -Check	4/5/2006	10392	PUMP CHECK	-9,169.98
Bill Pmt -Check	4/5/2006	10393	PURCHASE POWER	-11.00
Bill Pmt -Check	4/5/2006	10394	QUILL	-465.95
Bill Pmt -Check	4/5/2006	10395	R&D PEST SERVICES	-85.00
Bill Pmt -Check	4/5/2006	10396	SPRINT	-599.28
Bill Pmt -Check	4/5/2006	10397	STATE COMPENSATION INSURANCE FUND	-1,686.89
Bill Pmt -Check	4/5/2006	10398	THEIRL, JIM	-400.00
Bill Pmt -Check	4/5/2006	10399	UNION 76	-166.46
Bill Pmt -Check	4/5/2006	10400	VANDEN HEUVEL, GEOFFREY	-375.00
Bill Pmt -Check	4/5/2006	10401	VELASQUEZ JANITORIAL	-1,200.00
Bill Pmt -Check	4/5/2006	10402	VERIZON	-41.44
Bill Pmt -Check	4/5/2006	10403	WHEELER METER MAINTENANCE	-2,100.00
Bill Pmt -Check	4/5/2006	10404	WILLIS, KENNETH	-250.00
Bill Pmt -Check	4/5/2006	10405	YUKON DISPOSAL SERVICE	-134.72
Bill Pmt -Check	4/5/2006	10406	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	-6,727.81
Bill Pmt -Check	4/5/2006	10407	CITISTREET	-8,850.00
Bill Pmt -Check	4/5/2006	10408	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	-6,727.80
Bill Pmt -Check	4/13/2006	10409	AWWA	-8,795.00
Bill Pmt -Check	4/13/2006	10410	ACWA SERVICES CORPORATION	-234.16
Bill Pmt -Check	4/13/2006	10411	AWWA	-1,230.00
Bill Pmt -Check	4/13/2006	10412	BANK OF AMERICA	-2,919.97
Bill Pmt -Check	4/13/2006	10413	DAILY BULLETIN	-184.80
Bill Pmt -Check	4/13/2006	10414	HATCH AND PARENT	-42,808.86
Bill Pmt -Check	4/13/2006	10415	INLAND COUNTIES INSURANCE SERVICES, INC.	-238.57
Bill Pmt -Check	4/13/2006	10416	MATHIS & ASSOCIATES	-2,300.00
Bill Pmt -Check	4/13/2006	10417	MAYER HOFFMAN MC CANN P.C.	-1,731.00
Bill Pmt -Check	4/13/2006	10418	PARK PLACE COMPUTER SOLUTIONS, INC.	-2,035.00
Bill Pmt -Check	4/13/2006	10419	PREMIERE GLOBAL SERVICES	-40.17
Bill Pmt -Check	4/13/2006	10420	REID & HELLYER	-4,661.90
Bill Pmt -Check	4/13/2006	10421	RICOH BUSINESS SYSTEMS-Maintenance	-1,011.46
Bill Pmt -Check	4/13/2006	10422	STANTEC CONSULTING, INC.	-206.25
Bill Pmt -Check	4/13/2006	10423	THE FURMAN GROUP, INC.	-3,050.00
Bill Pmt -Check	4/13/2006	10424	UNITED PARCEL SERVICE	-201.68
Bill Pmt -Check	4/13/2006	10425	VERIZON	-375.67
Bill Pmt -Check	4/13/2006	10426	VIP AUTO DETAILING	-399.45
General Journal	4/15/2006	06/04/4	PAYROLL	-5,432.15
General Journal	4/15/2006	06/04/4	PAYROLL	-20,139.37
Bill Pmt -Check	4/20/2006	10427	APPLIED COMPUTER TECHNOLOGIES	-1,635.70
Bill Pmt -Check	4/20/2006	10428	BLACK & VEATCH CORPORATION	-5,122.50
Bill Pmt -Check	4/20/2006	10429	CALPERS	-2,650.83
Bill Pmt -Check	4/20/2006	10430	COMPUSA, INC.	-161.61
Bill Pmt -Check	4/20/2006	10431	CUCAMONGA VALLEY WATER DISTRICT	-5,076.00
Bill Pmt -Check	4/20/2006	10432	ELLISON, SCHNEIDER & HARRIS, LLP	-7,313.47
Bill Pmt -Check	4/20/2006	10433	FIRST AMERICAN REAL ESTATE SOLUTIONS	-125.00

**CHINO BASIN WATERMASTER**  
**Cash Disbursement Detail Report**  
**April 2006**

Type	Date	Num	Name	Amount
Bill Pmt -Check	4/20/2006	10434	MCI	-908.17
Bill Pmt -Check	4/20/2006	10435	PITNEY BOWES CREDIT CORPORATION	-468.72
Bill Pmt -Check	4/20/2006	10436	PRE-PAID LEGAL SERVICES, INC.	-103.60
Bill Pmt -Check	4/20/2006	10437	PRINTING RESOURCES	-597.14
Bill Pmt -Check	4/20/2006	10438	PUMP CHECK	-1,350.00
Bill Pmt -Check	4/20/2006	10439	RICOH BUSINESS SYSTEMS-Lease	-4,480.25
Bill Pmt -Check	4/20/2006	10440	STAULA, MARY L	-136.61
Bill Pmt -Check	4/20/2006	10441	UNITEK TECHNOLOGY INC.	-4,130.21
Bill Pmt -Check	4/20/2006	10442	WHEELER METER MAINTENANCE	-750.00
Bill Pmt -Check	4/24/2006	10443	ROUTE 66 SUBS	-129.55
Bill Pmt -Check	4/26/2006	10444	ARROWHEAD MOUNTAIN SPRING WATER	-17.23
Bill Pmt -Check	4/26/2006	10445	EL TORITO	-191.65
Bill Pmt -Check	4/26/2006	10446	JOBS AVAILABLE INC	-29.95
Bill Pmt -Check	4/26/2006	10447	PETTY CASH	-415.59
Bill Pmt -Check	4/26/2006	10448	POWERS ELECTRIC PRODUCTS CO.	-195.73
Bill Pmt -Check	4/26/2006	10449	RICOH BUSINESS SYSTEMS-Maintenance	-1,000.00
Bill Pmt -Check	4/26/2006	10450	SPRINT	-594.15
Bill Pmt -Check	4/26/2006	10451	STANDARD INSURANCE CO.	-581.22
Bill Pmt -Check	4/26/2006	10452	THREE VALLEYS MUNICIPAL WATER DIST	-15.00
Bill Pmt -Check	4/26/2006	10453	TREWEEK, GORDON	-282.53
Bill Pmt -Check	4/26/2006	10454	WATER EDUCATION FOUNDATION	-45.00
Bill Pmt -Check	4/27/2006	10455	P.C. CLUB	-1,066.71
Bill Pmt -Check	4/27/2006	10456	WILDERMUTH ENVIRONMENTAL INC	-239,025.93
Bill Pmt -Check	4/27/2006	10457	ROUTE 66 SUBS	-157.39
General Journal	4/30/2006	06/04/6	PAYROLL	-5,717.38
General Journal	4/30/2006	06/04/6	PAYROLL	-20,783.54
				-464,435.23

Apr 06

CHINO BASIN WATERMASTER  
 COMBINING SCHEDULE OF REVENUE, EXPENSES AND CHANGES IN WORKING CAPITAL  
 FOR THE  
 PERIOD JULY 1, 2005 THROUGH MARCH 31, 2006

	WATERMASTER ADMINISTRATION	OPTIMUM BASIN MANAGEMENT	POOL ADMINISTRATION AND SPECIAL PROJECTS APPROPRIATIVE POOL	AGRICULTURAL POOL	NON-AGRIC. POOL	GROUNDWATER OPERATIONS GROUNDWATER REPLENISHMENT	SB222 FUNDS	EDUCATION FUNDS	GRAND TOTALS	BUDGET 2004-05
Administrative Revenues										
Administrative Assessments			4,781,347		66,160				4,847,507	\$3,984,888
Interest Revenue			207,296	12,391	6,304			57	226,048	78,330
Mutual Agency Project Revenue		29,763							29,763	0
Grant Income									-	0
Miscellaneous Income									-	0
<b>Total Revenues</b>	<b>-</b>	<b>29,763</b>	<b>4,988,643</b>	<b>12,391</b>	<b>72,464</b>	<b>-</b>	<b>-</b>	<b>57</b>	<b>5,103,318</b>	<b>4,063,218</b>
Administrative & Project Expenditures										
Watermaster Administration	397,745								397,745	621,784
Watermaster Board-Advisory Committee	41,692								41,692	37,018
Pool Administration			14,987	94,642	3,416				113,045	91,153
Optimum Basin Mgmt Administration		1,044,682							1,044,682	1,019,183
OBMP Project Costs		1,464,954							1,464,954	3,733,694
Education Funds Use								375	375	375
Mutual Agency Project Costs	24,125								24,125	80,004
<b>Total Administrative/OBMP Expenses</b>	<b>463,562</b>	<b>2,509,636</b>	<b>14,987</b>	<b>94,642</b>	<b>3,416</b>	<b>-</b>	<b>-</b>	<b>375</b>	<b>3,086,618</b>	<b>5,583,211</b>
Net Administrative/OBMP Income	(463,562)	(2,479,873)								
Allocate Net Admin Income To Pools	463,562		359,979	97,030	6,554				-	0
Allocate Net OBMP Income To Pools		2,479,873	1,925,745	519,069	35,059				-	0
Agricultural Expense Transfer			704,591	(704,591)					-	0
<b>Total Expenses</b>	<b>-</b>	<b>-</b>	<b>3,005,302</b>	<b>6,150</b>	<b>45,028</b>	<b>-</b>	<b>-</b>	<b>375</b>	<b>3,086,618</b>	<b>5,583,211</b>
Net Administrative Income			1,983,341	6,241	27,436			(318)	2,016,700	(1,519,993)
Other Income/(Expense)										
Replenishment Water Purchases						6,635,065			6,635,065	0
MZ1 Supplemental Water Assessments									-	2,179,500
Water Purchases									-	0
MZ1 Imported Water Purchase									-	(2,278,500)
Groundwater Replenishment						(6,255,290)			(6,255,290)	0
Net Other Income			-	-	-	379,775	-	-	379,775	(99,000)
Net Transfers To/(From) Reserves			1,983,341	6,241	27,436	379,775	-	(318)	2,396,475	(1,618,993)
Working Capital, July 1, 2005			4,450,869	464,653	187,298	3,580,499	158,251	2,238	8,843,808	
Working Capital, End Of Period			6,434,210	470,894	214,734	3,960,274	158,251	1,920	11,240,283	
<b>04/05 Production</b>			127,810.967	34,450.449	2,326.836				164,588.252	
<b>04/05 Production Percentages</b>			77.655%	20.931%	1.414%				100.000%	

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**CHINO BASIN WATERMASTER  
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD  
MARCH 1 THROUGH MARCH 31, 2006**

**DEPOSITORIES:**

Cash on Hand - Petty Cash		\$ 500
Bank of America		
Governmental Checking-Demand Deposits	\$ 117,151	
Savings Deposits	9,697	
Zero Balance Account - Payroll	<u>-</u>	126,848
Vineyard Bank CD - Agricultural Pool		417,810
Local Agency Investment Fund - Sacramento		<u>10,945,566</u>
<b>TOTAL CASH IN BANKS AND ON HAND</b>	<b>3/31/2006</b>	<b>\$ 11,490,724</b>
<b>TOTAL CASH IN BANKS AND ON HAND</b>	<b>2/28/2006</b>	<b>13,602,603</b>
<b>PERIOD INCREASE (DECREASE)</b>		<b><u>\$ (2,111,879)</u></b>

**CHANGE IN CASH POSITION DUE TO:**

Decrease/(Increase) in Assets: Accounts Receivable	\$ (110,417)
Assessments Receivable	-
Prepaid Expenses, Deposits & Other Current Assets	2,174
(Decrease)/Increase in Liabilities: Accounts Payable	(1,148,956)
Accrued Payroll, Payroll Taxes & Other Current Liabilities	(37,577)
Transfer to/(from) Reserves	<u>(817,103)</u>
<b>PERIOD INCREASE (DECREASE)</b>	<b><u>\$ (2,111,879)</u></b>

<u>SUMMARY OF FINANCIAL TRANSACTIONS:</u>	Petty Cash	Govt'l Checking Demand	Zero Balance Account Payroll	Savings	Vineyard Bank	Local Agency Investment Funds	Totals
Balances as of 2/28/2006	\$ 500	\$ 204,976	\$ 25,423	\$ 9,685	\$ 416,453	\$ 12,945,566	\$ 13,602,603
Deposits	-	18	-	12	1,357	-	1,387
Transfers	-	1,949,896	50,104	-	-	(2,000,000)	-
Withdrawals/Checks	-	(2,037,739)	(75,527)	-	-	-	(2,113,266)
<b>Balances as of 3/31/2006</b>	<b>\$ 500</b>	<b>\$ 117,151</b>	<b>\$ -</b>	<b>\$ 9,697</b>	<b>\$ 417,810</b>	<b>\$ 10,945,566</b>	<b>\$ 11,490,724</b>
<b>PERIOD INCREASE OR (DECREASE)</b>	<b>\$ -</b>	<b>\$ (87,825)</b>	<b>\$ (25,423)</b>	<b>\$ 12</b>	<b>\$ 1,357</b>	<b>\$ (2,000,000)</b>	<b>\$ (2,111,879)</b>

**CHINO BASIN WATERMASTER  
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD  
MARCH 1 THROUGH MARCH 31, 2006**

**INVESTMENT TRANSACTIONS**

Effective Date	Transaction	Depository	Activity	Redeemed	Days to Maturity	Interest Rate(*)	Maturity Yield
3/10/2006	Withdrawal		\$ 500,000				
3/12/2006	Withdrawal		\$ 600,000				
3/24/2006	Withdrawal		\$ 900,000				
<b>TOTAL INVESTMENT TRANSACTIONS</b>			<b>\$ 2,000,000</b>	<b>-</b>			

\* The earnings rate for L.A.I.F. is a daily variable rate; 4.03% was the effective yield rate at the Quarter ended March 31, 2006

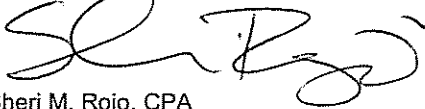
**INVESTMENT STATUS  
March 31, 2006**

<u>Financial Institution</u>	<u>Principal Amount</u>	<u>Number of Days</u>	<u>Interest Rate</u>	<u>Maturity Date</u>
Local Agency Investment Fund	\$ 10,945,566			
<b>TOTAL INVESTMENTS</b>	<b>\$ 10,945,566</b>			

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

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

Respectfully submitted,

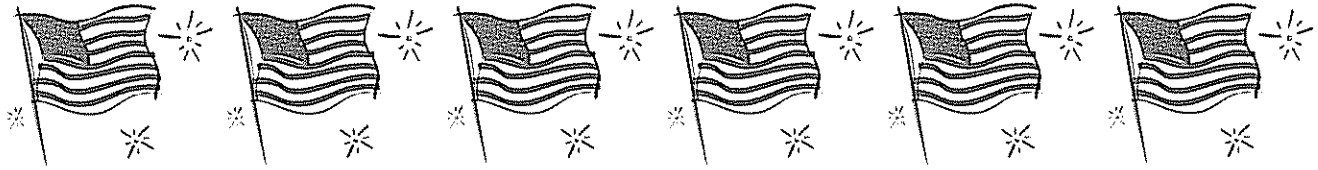


Sheri M. Rojo, CPA  
Chief Financial Officer & Assistant General Manager  
Chino Basin Watermaster

	<u>Jul '05 - Mar 06</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>
<b>Ordinary Income/Expense</b>				
<b>Income</b>				
4010 · Local Agency Subsidies	29,763	132,000	-102,238	22.55%
4110 · Admin Asmnts-Approp Pool	4,781,347	4,804,121	-22,774	99.53%
4120 · Admin Asmnts-Non-Agri Pool	66,160	73,425	-7,265	90.11%
4700 · Non Operating Revenues	226,048	78,330	147,718	288.58%
<b>Total Income</b>	<u>5,103,317</u>	<u>5,087,876</u>	<u>15,441</u>	<u>100.3%</u>
<b>Gross Profit</b>	5,103,317	5,087,876	15,441	100.3%
<b>Expense</b>				
6010 · Salary Costs	350,172	404,153	-53,981	86.64%
6020 · Office Building Expense	65,099	97,850	-32,751	66.53%
6030 · Office Supplies & Equip.	16,786	47,500	-30,714	35.34%
6040 · Postage & Printing Costs	56,826	75,700	-18,874	75.07%
6050 · Information Services	85,723	103,500	-17,777	82.82%
6060 · Contract Services	19,619	130,500	-110,881	15.03%
6080 · Insurance	18,677	24,210	-5,533	77.15%
6110 · Dues and Subscriptions	3,605	14,000	-10,395	25.75%
6140 · WM Admin Expenses	1,566	6,500	-4,934	24.09%
6150 · Field Supplies	-1,752	4,050	-5,802	-43.26%
6170 · Travel & Transportation	49,172	45,200	3,972	108.79%
6190 · Conferences & Seminars	14,842	17,500	-2,658	84.81%
6200 · Advisory Comm - WM Board	10,654	14,082	-3,428	75.66%
6300 · Watermaster Board Expenses	31,037	29,782	1,255	104.22%
8300 · Appr PI-WM & Pool Admin	14,987	15,347	-360	97.65%
8400 · Agri Pool-WM & Pool Admin	14,848	18,756	-3,908	79.16%
8467 · Agri-Pool Legal Services	71,145	45,000	26,145	158.1%
8470 · Ag Meeting Attend -Special	8,650	10,000	-1,350	86.5%
8500 · Non-Ag PI-WM & Pool Admin	3,416	7,423	-4,007	46.02%
6500 · Education Funds Use Expens	375	375	0	100.0%
9500 · Allocated G&A Expenditures	-282,589	-378,284	95,695	74.7%
<b>Subtotal G&amp;A Expenditures</b>	<u>552,857</u>	<u>733,144</u>	<u>-180,287</u>	<u>75.41%</u>
6900 · Optimum Basin Mgmt Plan	950,770	996,767	-45,997	95.39%
6950 · Mutual Agency Projects	24,125	75,000	-50,875	32.17%
9501 · G&A Expenses Allocated-OBMP	93,912	109,541	-15,629	85.73%
<b>Subtotal OBMP Expenditures</b>	<u>1,068,807</u>	<u>1,181,308</u>	<u>-112,501</u>	<u>90.48%</u>
7101 · Production Monitoring	59,184	68,755	-9,571	86.08%
7102 · In-line Meter Installation	54,757	97,954	-43,197	55.9%
7103 · Grdwtr Quality Monitoring	53,116	66,503	-13,387	79.87%
7104 · Gdwtr Level Monitoring	95,719	184,812	-89,093	51.79%
7105 · Sur Wtr Qual Monitoring	12,552	90,223	-77,671	13.91%
7106 · Wtr Level Sensors Install	0	5,734	-5,734	0.0%
7107 · Ground Level Monitoring	93,959	554,825	-460,866	16.94%
7108 · Hydraulic Control Monitoring	222,462	495,368	-272,906	44.91%
7109 · Recharge & Well Monitoring Prog	204,008	133,061	70,947	153.32%
7200 · PE2- Comp Recharge Pgm	262,619	759,105	-496,486	34.6%
7300 · PE3&5-Water Supply/Desalte	339	12,548	-12,209	2.7%
7400 · PE4- Mgmt Plan	160,921	1,081,014	-920,093	14.89%



	<u>Jul '05 - Mar 06</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>
7500 · PE6&7-CoopEfforts/SaltMgmt	49,792	255,769	-205,977	19.47%
7600 · PE8&9-StorageMgmt/Conj Use	6,849	77,268	-70,419	8.86%
7690 · Recharge Improvement Debt Pymt	0	300,000	-300,000	0.0%
7700 · Inactive Well Protection Prgm	0	12,128	-12,128	0.0%
9502 · G&A Expenses Allocated-Projects	188,677	268,742	-80,065	70.21%
	<u>1,464,954</u>	<u>4,463,809</u>	<u>-2,998,855</u>	<u>32.82%</u>
<b>Total Expense</b>	<u>3,086,618</u>	<u>6,378,261</u>	<u>-3,291,643</u>	<u>48.39%</u>
<b>Net Ordinary Income</b>	<u>2,016,700</u>	<u>-1,290,385</u>	<u>3,307,085</u>	<u>-156.29%</u>
<b>Other Income/Expense</b>				
<b>Other Income</b>				
4231 · MZ1 Assigned Water Sales	0	600,000	-600,000	0.0%
4210 · Approp Pool-Replenishment	6,635,065			
<b>Total Other Income</b>	<u>6,635,065</u>	<u>600,000</u>	<u>6,035,065</u>	<u>1,105.84%</u>
<b>Other Expense</b>				
5010 · Groundwater Replenishment	6,255,290	699,000	5,556,290	894.89%
9999 · To/(From) Reserves	2,396,475	-1,389,385	3,785,860	-172.49%
<b>Total Other Expense</b>	<u>8,651,765</u>	<u>-690,385</u>	<u>9,342,150</u>	<u>-1,253.18%</u>
<b>Net Other Income</b>	<u>-2,016,700</u>	<u>1,290,385</u>	<u>-3,307,085</u>	<u>-156.29%</u>
<b>Net Income</b>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.0%</u>



## **I. CONSENT CALENDAR**

### **B. WATER TRANSACTION**

1. Notice of Sale or Transfer – Fontana Water Company has agreed to purchase from The Nicholson Trust water in storage in the amount of 0.623 acre-feet and annual production rights in the amount of 8.000 acre-feet.
  
2. Notice of Sale or Transfer – Fontana Water Company has agreed to purchase from West Valley Water District water in storage in the amount of 2,000 acre-feet.



*CHINO BASIN WATERMASTER*

**NOTICE**

**OF**

**APPLICATION(S)**

**RECEIVED FOR**

**WATER TRANSACTIONS – ACTIVITIES**

Date of Notice:

April 19, 2006

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

## NOTICE OF APPLICATION(S) RECEIVED

Date of Application: **April 14, 2006**

Date of this notice: **April 19, 2006**

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

- A. Notice of Sale or Transfer – Fontana Water Company has agreed to purchase from The Nicholson Trust water in storage in the amount of 0.623 acre-feet and annual production right in the amount of 8.000 acre-feet.

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

Appropriative Pool: May 11, 2006

Non-Agricultural Pool: May 11, 2006

Agricultural Pool: May 16, 2006

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

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

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

Watermaster address:

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

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

# CHINO BASIN WATERMASTER

## NOTICE OF TRANSFER OF WATER

Notification Dated: April 19, 2006

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

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# CHINO BASIN WATERMASTER

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

**KENNETH R. MANNING**  
**CHIEF EXECUTIVE OFFICER**

**DATE:** April 19, 2006  
**TO:** Watermaster Interested Parties  
**SUBJECT:** Summary and Analysis of Application for Water Transaction

**Summary -**

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

**Issue -**

- Notice of Sale or Transfer – Fontana Water Company has agreed to purchase from The Nicholson Trust water in storage in the amount of 0.623 acre-feet and annual production right in the amount of 8.000 acre -feet.

**Recommendation –**

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

**Fiscal Impact –**

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

**Background**

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

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

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

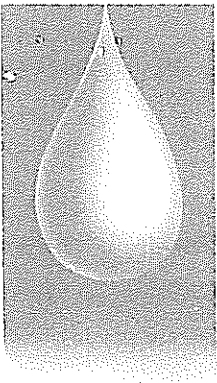
- Notice of Sale or Transfer – Fontana Water Company has agreed to purchase from The Nicholson Trust water in storage in the amount of 0.623 acre-feet and annual production right in the amount of 8.000 acre -feet.

Notice of the water transaction identified above was mailed on April 19, 2006 along with the materials submitted by the requestors.

**DISCUSSION**

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





# FONTANA WATER COMPANY

A DIVISION OF SAN GABRIEL VALLEY WATER COMPANY

8440 NUEVO AVENUE • P.O. BOX 987, FONTANA, CALIFORNIA 92334 • (909) 822-2201

April 14, 2006

Mr. Kenneth R. Manning, Chief Executive Officer  
Chino Basin Watermaster  
9641 San Bernardino Road  
Rancho Cucamonga, California 91730



Subject: Purchase of Water in Storage  
Chino Basin-Fiscal Year 2005/2006

Dear Mr. Manning:

Please take notice that Fontana Water Company ("Company") has agreed to purchase from The Nicholson Trust water in storage and annual production right in the amount of 8.623 acre-feet to satisfy a portion of the Company's anticipated Chino Basin replenishment obligation for Fiscal Year 2005/2006.



Enclosed are fully executed Chino Basin Watermaster Forms No. 3 and 5, along with the company's Recapture Plan for consideration by Watermaster. Please aendize this proposed transfer at the earliest possible opportunity.

If you should have any question or require additional information concerning this matter, please call me.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Michael J. McGraw".

Michael J. McGraw  
General Manager

MJM:bf  
Enclosures



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APPLICATION FOR SALE OR TRANSFER OR RIGHT TO PRODUCE WATER FROM STORAGE

TRANSFER FROM LOCAL STORAGE AGREEMENT # \_\_\_\_\_

The Nicholson Trust

Name of Party

April 12, 2006

Date Requested

Date Approved

11142 Garvey Avenue

Street Address

.623 Acre-feet

Amount Requested

Acre-feet

Amount Approved

El Monte CA 91737

City

State

Zip Code

Telephone: (626) 448-6183

Facsimile: (626) 448-5530

*Robert H. Nicholson, Jr., Trustee*

The Nicholson Trust  
Robert H. Nicholson, Jr., Trustee

TRANSFER TO:

Fontana Water Company

Name of Party

Attach Recapture Form 4

8440 Nuevo Avenue

Street Address

Fontana CA 92335

City

State

Zip Code

Telephone: (909) 822-2201

Facsimile: (909) 823-5046

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

WATER QUALITY AND WATER LEVELS

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

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

MATERIAL PHYSICAL INJURY

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


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

N/A

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

**ADDITIONAL INFORMATION ATTACHED**

Yes [ ] No [X]

  
\_\_\_\_\_  
Michael J. McGraw, General Manager  
Fontana Water Company

**TO BE COMPLETED BY WATERMASTER:**

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

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

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

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

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

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

APPLICATION  
TO  
TRANSFER ANNUAL PRODUCTION RIGHT OR SAFE YIELD

Fiscal Year 2005 - 2006

Commencing on July 1, 2005 and terminating on June 30, 2006, The Nicholson Trust ("Transferor") hereby transfers to Fontana Water Company ("Transferee") the quantity of 8.0 acre-feet of corresponding Annual Production Right (Appropriative Pool) or Safe Yield (Non-Agricultural Pool) adjudicated to Transferor or its predecessor in interest in the Judgment rendered in the Case of "CHINO BASIN MUNICIPAL WATER DISTRICT vs. CITY OF CHINO, et al.," RCV 51010 (formerly Case No. SCV 164327).

Said Transfer shall be conditioned upon:

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

TO BE EXECUTED by both Transferor and Transferee, and to be accomplished by a general description of the area where the Transferred water was to be Produced and used prior to the Transfer, and where it will be Produced and used after the Transfer. This general description can be in the form of a map.

**WATER QUALITY AND WATER LEVELS**

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

Recapture by Fontana Water Company accomplished by pumping of 15 wells-static levels vary from 375' to 684'. Of the wells routinely pumped, nitrate levels vary from a low of 8 mg/l to a high of 33 mg/l.

**MATERIAL PHYSICAL INJURY?**

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

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

N/A

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ADDITIONAL INFORMATION ATTACHED

Yes [ ] No [X]

Robert H. Nicholson, Jr., Trustee  
The Nicholson Trust  
Robert H. Nicholson, Jr., Trustee

Michael J. McGraw  
Michael J. McGraw, General Manager  
Fontana Water Company

TO BE COMPLETED BY WATERMASTER:

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

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

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

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

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

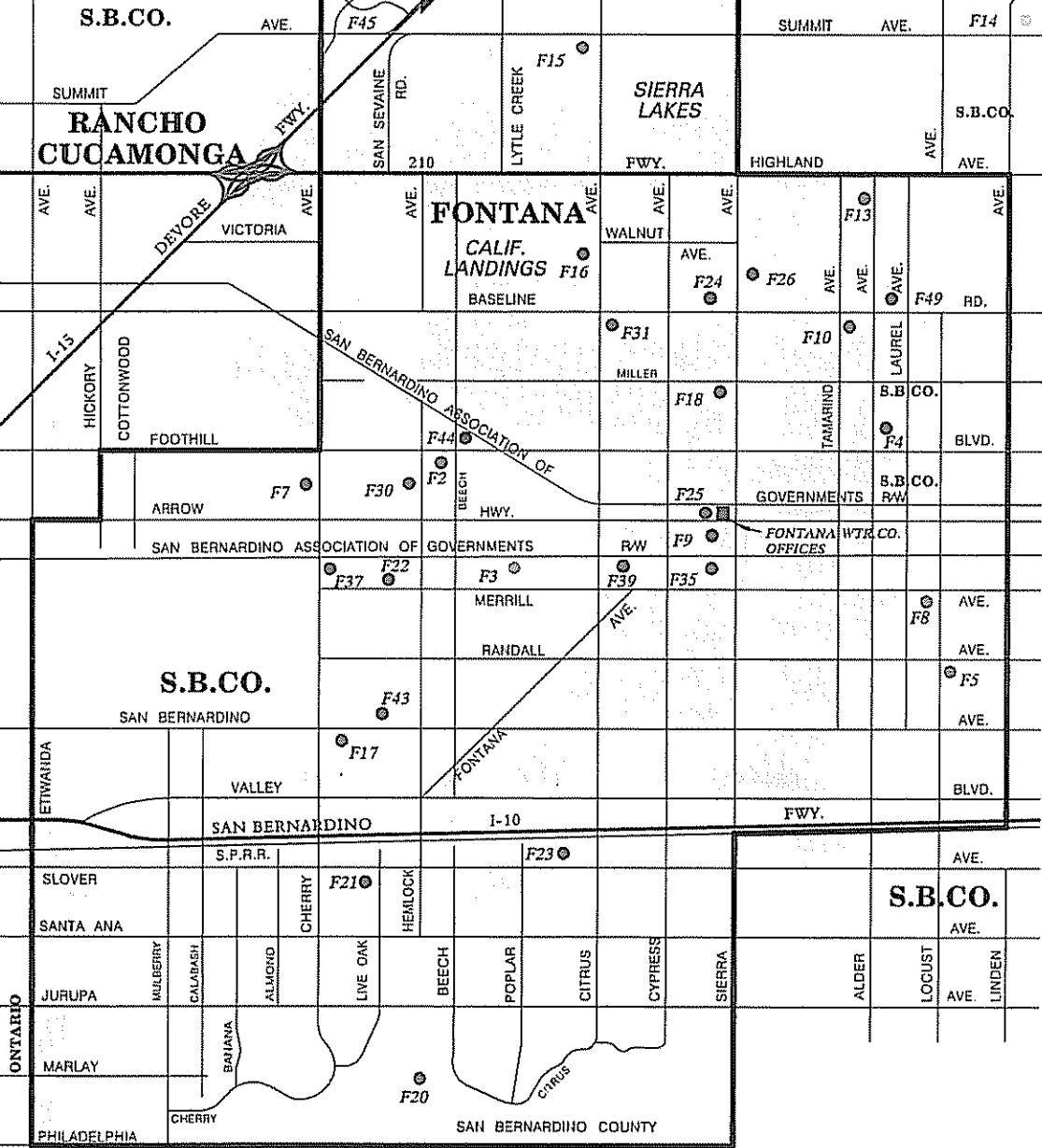
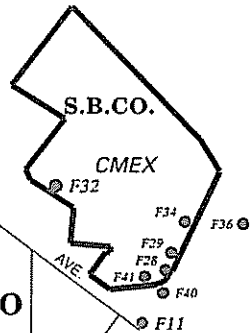
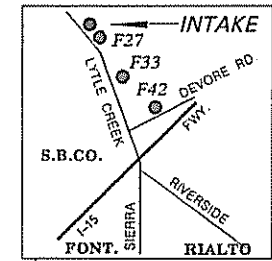
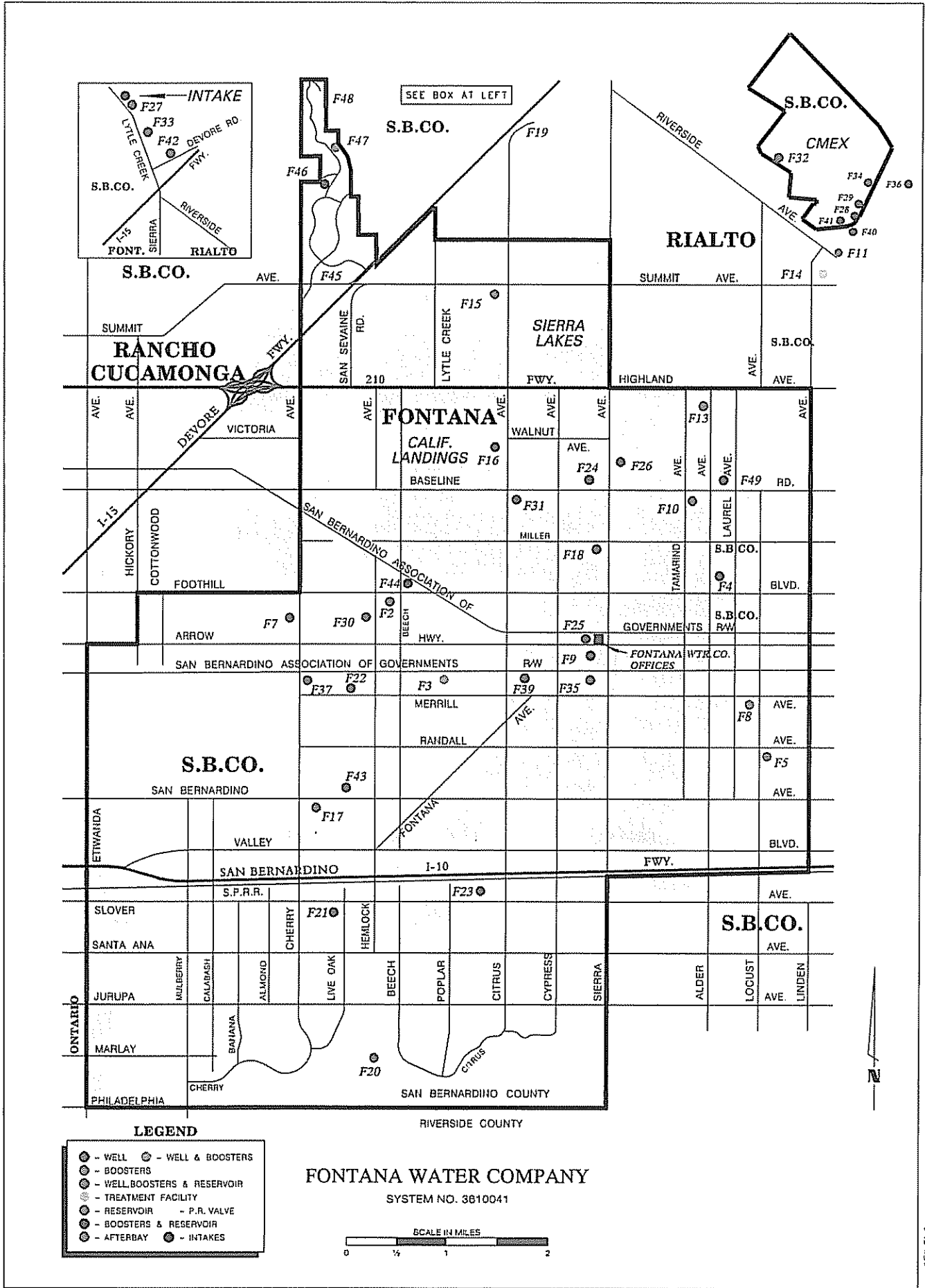
DATE OF BOARD APPROVAL: \_\_\_\_\_ Agreement # \_\_\_\_\_

**FONTANA WATER COMPANY**  
**Recapture Plan**

The subject water is a transfer of stored groundwater and annual production right from The Nicholson Trust to Fontana Water Company (FWC) of 8.623 acre-feet to satisfy a portion of FWC's replenishment obligation for FY 2005/2006. Recapture of the stored water is accomplished by the production of any or all of the 15 wells owned and operated by FWC within Management Zone 3 of the Chino Groundwater Basin. The approximate daily production capacity of these wells is as follows:

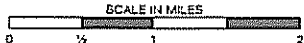
<u>Well</u>	-	<u>Production</u> <u>Acre-Feet/Day</u>
F23A	-	10.6
F21A	-	5.7
F37A	-	5.7
F7A	-	11.0
F22A	-	8.2
F24A	-	8.4
F26A	-	8.6
F31A	-	7.3
F2A	-	10.6
F30A	-	5.1
F44A	-	11.0
F44B	-	10.6
F44C	-	10.6
F17B	-	5.7
F17C	-	7.1
Daily Total		<u>126.2</u>

The attached map shows the location of these wells within FWC's service area. Prior to 1992, water produced from the majority of these wells was pumped within Management Zone 3 by Fontana Union Water Company with safe yield rights in the Chino Groundwater Basin. However, as a result of a bankruptcy settlement agreement dated February 7, 1992 all of Fontana Union's Chino Groundwater Basin water, including overlying (agricultural) pool reallocation, is annually transferred to Cucamonga Valley Water District's storage account. Pursuant to the same 1992 bankruptcy settlement agreement, Fontana Water Company acquired Fontana Union's water production wells and continues to produce water from Management Zone 3, in the same manner and for the same purpose as had been done prior to 1992.



- LEGEND**
- ⊙ - WELL
  - ⊙ - WELL & BOOSTERS
  - ⊙ - BOOSTERS
  - ⊙ - WELL BOOSTERS & RESERVOIR
  - ⊙ - TREATMENT FACILITY
  - ⊙ - RESERVOIR
  - ⊙ - P.R. VALVE
  - ⊙ - BOOSTERS & RESERVOIR
  - ⊙ - AFTERBAY
  - ⊙ - INTAKES

**FONTANA WATER COMPANY**  
SYSTEM NO. 3610041





*CHINO BASIN WATERMASTER*

**NOTICE**

**OF**

**APPLICATION(S)**

**RECEIVED FOR**

**WATER TRANSACTIONS – ACTIVITIES**

Date of Notice:

April 19, 2006

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

**NOTICE OF APPLICATION(S) RECEIVED**

Date of Application: **April 7, 2006**

Date of this notice: **April 19, 2006**

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

- A. Notice of Sale or Transfer – Fontana Water Company has agreed to purchase from West Valley Water District water in storage in the amount of 2000 acre-feet.

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

Appropriative Pool: May 11, 2006

Non-Agricultural Pool: May 11, 2006

Agricultural Pool: May 16, 2006

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

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

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

Watermaster address:

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

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

# CHINO BASIN WATERMASTER

## NOTICE OF TRANSFER OF WATER

Notification Dated: April 19, 2006

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

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# CHINO BASIN WATERMASTER

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

**KENNETH R. MANNING**  
**CHIEF EXECUTIVE OFFICER**

**DATE:** April 19, 2006  
**TO:** Watermaster Interested Parties  
**SUBJECT:** Summary and Analysis of Application for Water Transaction

#### Summary -

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

#### Issue -

- Notice of Sale or Transfer – Fontana Water Company has agreed to purchase from West Valley Water District water in storage in the amount of 2000 acre -feet.

#### Recommendation –

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

#### Fiscal Impact –

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

#### Background

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

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

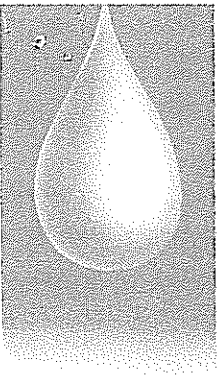
The following application for water transaction is attached with the notice of application.

- Notice of Sale or Transfer – Fontana Water Company has agreed to purchase from West Valley Water District water in storage in the amount of 2000 acre -feet.

Notice of the water transaction identified above was mailed on April 19, 2006 along with the materials submitted by the requestors.

**DISCUSSION**

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



# FONTANA WATER COMPANY

A DIVISION OF SAN GABRIEL VALLEY WATER COMPANY

8440 NUEVO AVENUE • P.O. BOX 987, FONTANA, CALIFORNIA 92334 • (909) 822-2201

RECEIVED

April 7, 2006

APR 11 2006

CHINO BASIN WATERMASTER

Mr. Kenneth R. Manning, Chief Executive Officer  
Chino Basin Watermaster  
9641 San Bernardino Road  
Rancho Cucamonga, California 91730

Subject: Purchase of Water in Storage  
Chino Basin-Fiscal Year 2005/2006

Dear Mr. Manning:

Please take notice that Fontana Water Company ("Company") has agreed to purchase from West Valley Water District water in storage in the amount of 2000 acre-feet to satisfy a portion of the Company's anticipated Chino Basin replenishment obligation for Fiscal Year 2005/2006.

Enclosed are fully executed Chino Basin Watermaster Forms No. 3 and 4, along with the company's Recapture Plan for consideration by Watermaster. Please agendize this proposed transfer at the earliest possible opportunity.

If you should have any question or require additional information concerning this matter, please call me.

Very truly yours,

Michael J. McGraw  
General Manager

MJM:bf  
Enclosures

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APPLICATION FOR SALE OR TRANSFER OR RIGHT TO PRODUCE WATER FROM STORAGE

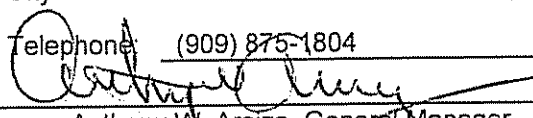
TRANSFER FROM LOCAL STORAGE AGREEMENT # \_\_\_\_\_

West Valley Water District \_\_\_\_\_ March 31, 2006 \_\_\_\_\_  
Name of Party Date Requested Date Approved

855 West Baseline Avenue \_\_\_\_\_ 2000 \_\_\_\_\_ Acre-feet \_\_\_\_\_  
Street Address Amount Requested Amount Approved

Rialto \_\_\_\_\_ CA \_\_\_\_\_ 92377 \_\_\_\_\_  
City State Zip Code

Telephone: (909) 875-1804 \_\_\_\_\_ Facsimile: (909) 875-7284 \_\_\_\_\_

  
Anthony W. Araiza, General Manager  
West Valley Water District

TRANSFER TO:

Fontana Water Company \_\_\_\_\_  
Name of Party

Attach Recapture Form 4

8440 Nuevo Avenue \_\_\_\_\_  
Street Address

Fontana \_\_\_\_\_ CA \_\_\_\_\_ 92334 \_\_\_\_\_  
City State Zip Code

Telephone: (909) 822-2201 \_\_\_\_\_ Facsimile: (909) 823-5046 \_\_\_\_\_

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

WATER QUALITY AND WATER LEVELS

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

Recapture by Fontana Water Company accomplished by pumping of 15 wells-static water levels vary from 375' to 684'. Of the wells routinely pumped, nitrate levels vary from a low of 8 mg/l to a high of 33 mg/l.

MATERIAL PHYSICAL INJURY


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

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

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

ADDITIONAL INFORMATION ATTACHED

Yes [ ] No [X]

  
\_\_\_\_\_  
Michael J. McGraw, General Manager  
Fontana Water Company

**TO BE COMPLETED BY WATERMASTER:**

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

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

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

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

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

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

**APPLICATION OR AMENDMENT TO APPLICATION  
TO  
RECAPTURE WATER IN STORAGE**

**APPLICANT**

Fontana Water Company	March 31, 2006	
Name of Party	Date Requested	Date Approved
8440 Nuevo Avenue	2000      Acre-feet	Acre-feet
Street Address	Amount Requested	Amount Approved
Fontana	CA	92335
City	State	Zip Code
Projected Rate of Recapture	Projected Duration of Recapture	
Telephone: (909) 822-2201	Facsimile: (909) 823-5046	

**IS THIS AN AMENDMENT TO A PREVIOUSLY APPROVED APPLICATION? [ ] YES [X] NO**  
**IF YES, ATTACH APPLICATION TO BE AMENDED**

**IDENTITY OF PERSON THAT STORED THE WATER:** West Valley Water District

**PURPOSE OF RECAPTURE**

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

**METHOD OF RECAPTURE (if by other than pumping) (e.g. exchange)**

N/A

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

Within Fontana Water Company's Service Area

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

N/A

**WATER QUALITY AND WATER LEVELS**

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

Recapture by Fontana Water Company accomplished by pumping of 15 wells-static water levels vary from 375' to 684'. Of the wells routinely pumped, nitrate levels vary from a low of 8 mg/l to a high of 33 mg/l.

**MATERIAL PHYSICAL INJURY**

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

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

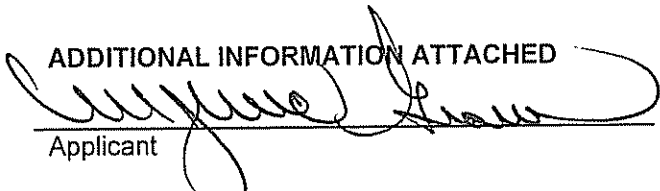
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**ADDITIONAL INFORMATION ATTACHED** Yes [ ] No [X]

  
Applicant

**TO BE COMPLETED BY WATERMASTER:**

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

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

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

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

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

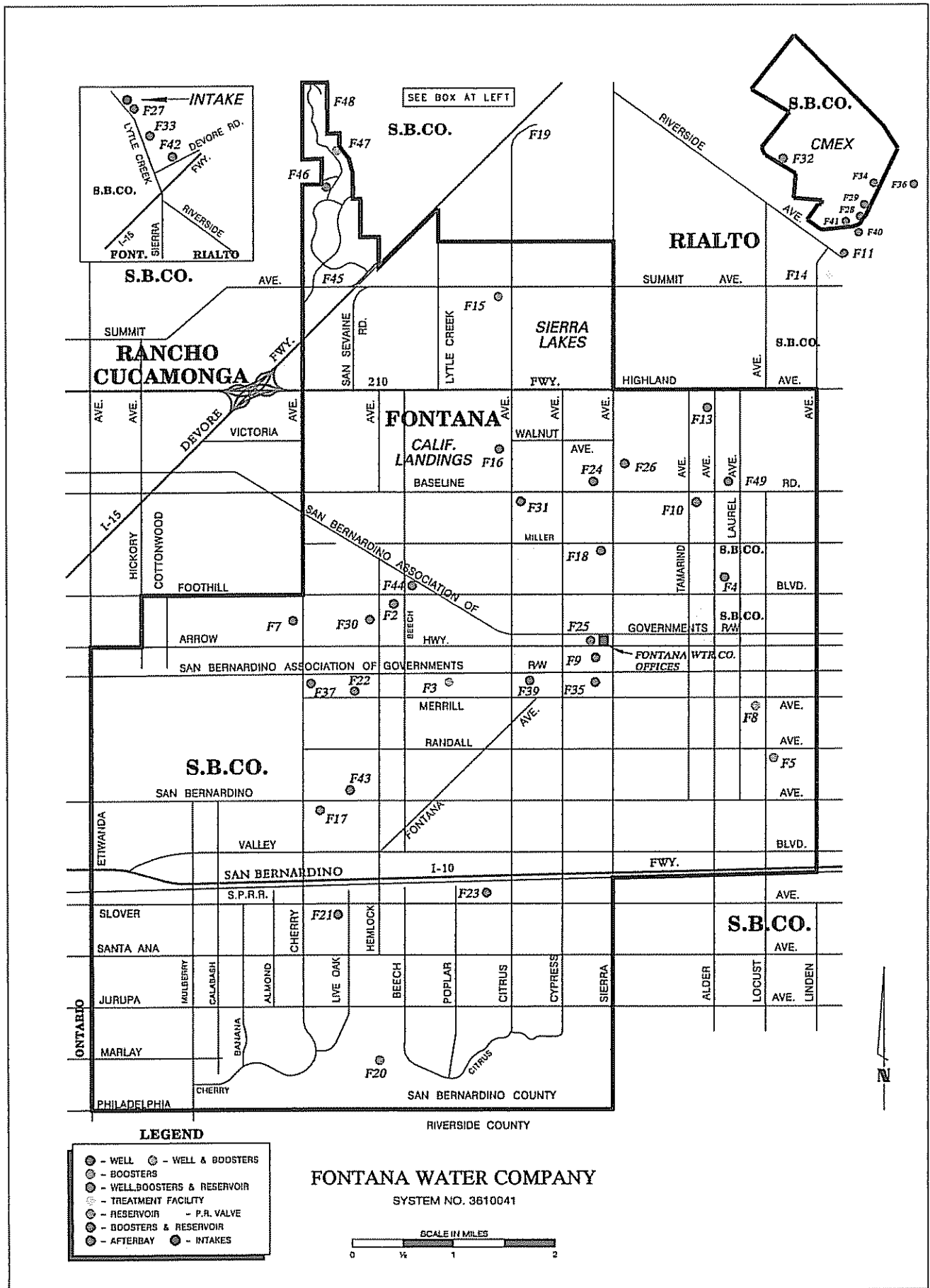
DATE OF BOARD APPROVAL: \_\_\_\_\_ Agreement # \_\_\_\_\_

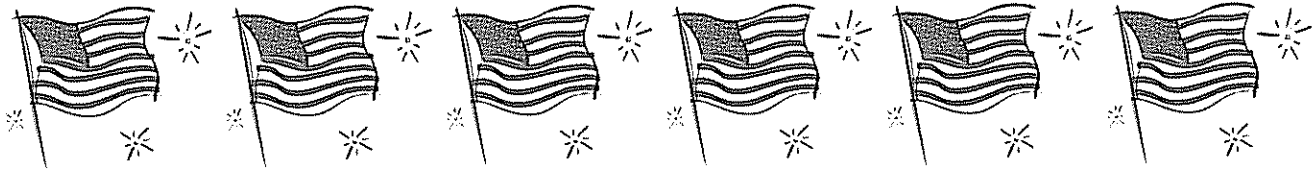
**FONTANA WATER COMPANY**  
**Recapture Plan**

The subject water is a transfer of stored groundwater from West Valley Water District to Fontana Water Company (FWC) of 2000 acre-feet to satisfy a portion of FWC's replenishment obligation for FY 2005/2006. Recapture of the stored water is accomplished by the production of any or all of the 15 wells owned and operated by FWC within Management Zone 3 of the Chino Groundwater Basin. The approximate daily production capacity of these wells is as follows:

<u>Well</u>	<u>Production</u> <u>Acre-Feet/Day</u>
F23A	- 10.6
F21A	- 5.7
F37A	- 5.7
F7A	- 11.0
F22A	- 8.2
F24A	- 8.4
F26A	- 8.6
F31A	- 7.3
F2A	- 10.6
F30A	- 5.1
F44A	- 11.0
F44B	- 10.6
F44C	- 10.6
F17B	5.7
F17C	7.1
Daily Total	<u>126.2</u>

The attached map shows the location of these wells within FWC's service area. Prior to 1992, water produced from the majority of these wells was pumped within Management Zone 3 by Fontana Union Water Company with safe yield rights in the Chino Groundwater Basin. However, as a result of a bankruptcy settlement agreement dated February 7, 1992 all of Fontana Union's Chino Groundwater Basin water, including overlying (agricultural) pool reallocation, is annually transferred to Cucamonga Valley Water District's storage account. Pursuant to the same 1992 bankruptcy settlement agreement, Fontana Water Company acquired Fontana Union's water production wells and continues to produce water from Management Zone 3, in the same manner and for the same purpose as had been done prior to 1992.

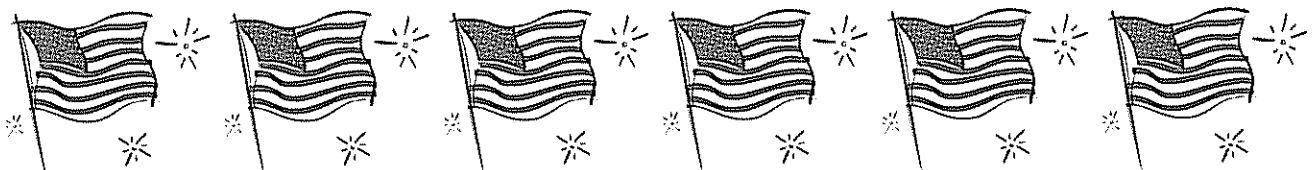




# CHINO BASIN WATERMASTER

## II. BUSINESS ITEM

### B. 2006/2007 BUDGET





# 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:** May 16, 2006  
May 18, 2006  
May 25, 2006

**TO:** Committee Members  
Watermaster Board Members

**SUBJECT:** Proposed Fiscal Year 2006/2007 Budget

### SUMMARY

**Issue** – Annual Budget for Watermaster Administration and OBMP tasks during FY 2006/07.

**Recommendations** – Staff recommends the Committees and the Board take action to approve/adopt the Proposed FY 2006/07 Budget.

**Fiscal Impact** – The FY 2006/07 Proposed Budget expenses are \$8,537,405. The FY 2006/07 Budget, as proposed, anticipates a slight increase in Administrative costs, an increase in OBMP general costs, and an increase in OBMP project costs.

### DISCUSSION

Staff has compiled a draft budget for the Administrative costs:

- The draft budget includes anticipated increases in legal expenses paid on behalf of the Agricultural Pool as a result of the continued Peace II negotiations.
- Based on a market survey, the personnel committee is bringing forward a recommendation to increase the medical benefits paid per employee per month. The current plan allows for a cafeteria type of option where employees receive benefits up to \$600 per month and are allowed to receive excess cash up to \$525 per month should they elect not to take Watermaster health benefits. The proposal from the personnel committee allows for a two year increase with the first year benefit increasing from \$600 to \$862 with the allowable cash back to employees from \$525 to deferred compensation plan contribution of \$690. The second year allows for the increase in benefits to \$1,150 and deferred compensation of up to \$920 respectively.
- The proposed COLA this year is 4.7%.



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Staff has compiled a draft budget for OBMP General costs:

- Attorney-General Manager's meetings, Pool meetings, Advisory Committee and Board meetings.
- Miscellaneous data requests from Appropriators.
- Continued implementation of DataX.
- The Court requires an update of the State of the Basin Report every two years. This report was last updated for the year 2004 – completed in FY 2004/05.
- The California Environmental Quality Act (CEQA) work required out of the Peace II process, which includes a recalibration of the groundwater flow model and the simulation of subsidence in the western portion of Chino Basin.

Staff has compiled a draft budget for OBMP Project costs:

- Monitoring activities – Groundwater production, groundwater level and quality, surface water discharge and quality, and ground level.
- Continued implementation of the recharge improvement project including recharge and well monitoring program
- Support of the Water Quality Committee, including engineering support for mitigation of volatile organic chemicals (VOC) plumes associated with the Ontario International Airport and the Chino Airport. Watermaster is also performing a comprehensive groundwater monitoring program in MZ-3.
- Development of a recharge master plan
- Management of subsidence and related monitoring and analysis
- Continued implementation of the Hydraulic Control Monitoring Program

In summary, the FY 2006/07 Budget, as proposed, anticipates a slight increase in Administrative costs, an increase in OBMP general and project costs. Final assessments will be refined when the assessment package is prepared this fall; assessments are dependent on prior year pumping and actual available cash on hand.

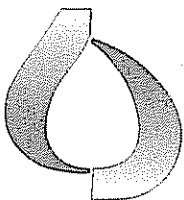


**CHINO BASIN WATERMASTER  
FY 2006/2007  
SUMMARY BUDGET**

	FY 04-05 June Actual	FY 05-06 December Actual	FY 05-06 Current Budget	FY 06-07 Proposed Budget	Current vs. Proposed
<b>Ordinary Income</b>					
4000 Mutual Agency Revenue	\$895,733	\$19,879	\$132,000	\$138,000	\$6,000
4110 Appropriative Pool Assessments	4,807,004	4,781,347	4,834,117	7,227,619	2,393,502
4120 Non-Agricultural Pool Assessments	74,241	66,160	65,020	80,586	15,566
4730 Prorated Interest Income	211,607	111,779	78,330	136,500	58,170
4900 Miscellaneous Income	3,865	0	0	0	0
<b>Total Income</b>	<b>5,992,451</b>	<b>4,979,166</b>	<b>5,109,467</b>	<b>7,582,705</b>	<b>2,473,238</b>
<b>Administrative Expenses</b>					
6010 Salary Costs	427,958	225,436	404,153	447,037	42,884
6020 Office Building Expense	108,636	42,696	97,850	102,000	4,150
6030 Office Supplies & Equip.	66,089	12,978	54,000	51,500	-2,500
6040 Postage & Printing Costs	83,058	37,933	75,700	78,500	2,800
6050 Information Services	108,857	65,930	103,500	112,500	9,000
6060 WM Special Contract Services	168,168	1,939	130,500	131,000	500
6080 Insurance Expense	25,875	-691	24,210	25,210	1,000
6110 Dues and Subscriptions	19,073	2,502	14,000	16,750	2,750
6150 Field Supplies & Equipment	2,831	-1,832	4,050	4,000	-50
6170 Vehicle Maintenance Costs	20,291	44,240	45,200	19,350	-25,850
6190 Conferences & Seminars	16,022	5,632	17,500	22,500	5,000
6200 Advisory Committee Expenses	12,215	7,153	14,082	15,168	1,086
6300 Watermaster Board Expenses	34,943	19,032	29,782	36,955	7,173
6500 Education Fund Expenditures	0	375	375	375	0
8300 Appropriative Pool Administration	13,459	9,777	15,347	15,918	571
8400 Agricultural Pool Administration	87,794	69,642	73,756	95,633	21,877
8500 Non-Agricultural Pool Administration	3,065	2,174	7,423	6,694	-729
9500 Allocated G&A Expenditures	-307,227	-186,018	-378,284	-408,749	-30,465
<b>Total Administrative Expenses</b>	<b>891,107</b>	<b>358,900</b>	<b>733,144</b>	<b>772,341</b>	<b>39,197</b>
<b>General OBMP Expenditures</b>					
6900 Optimum Basin Mgmt Program	1,150,441	585,756	996,767	1,713,780	717,013
6950 Cooperative Efforts	57,631	15,755	75,000	5,000	-70,000
9501 Allocated G&A Expenditures	102,863	64,502	109,541	142,015	32,474
<b>Total General OBMP Expenditures</b>	<b>1,310,935</b>	<b>666,013</b>	<b>1,181,308</b>	<b>1,860,795</b>	<b>679,487</b>

**CHINO BASIN WATERMASTER  
FY 2006/2007  
SUMMARY BUDGET**

	FY 04-05 June Actual	FY 05-06 December Actual	FY 05-06 Current Budget	FY 06-07 Proposed Budget	Current vs. Proposed
<b>7000 OBMP Implementation Projects</b>					
7101 Production Monitoring	38,998	28,178	68,755	61,565	-7,190
7102 In-Line Meter Installation/Maintenance	26,093	16,575	97,954	64,904	-33,050
7103 Groundwater Quality Monitoring	126,327	35,098	66,503	149,713	83,210
7104 Groundwater Level Monitoring	93,148	51,866	184,812	191,953	7,141
7105 Basin Water Quality Monitoring	399,130	6,449	90,223	32,247	-57,976
7106 Water Level Sensors Install	0	0	5,734	0	-5,734
7107 Ground Level Monitoring	342,946	75,679	554,825	160,984	-393,841
7108 Hydraulic Control Monitoring Program	531,404	132,589	495,368	483,258	-12,110
7109 Recharge & Well Monitoring Program	0	81,442	133,061	146,350	13,289
7200 OBMP Pgm Element 2 - Comp Recharge Program	474,966	146,305	759,105	1,822,997	1,063,892
7300 OBMP Pgm Element 3 & 5 - Water Supply Plan - Desalter	1,418	339	12,548	4,676	-7,872
7400 OBMP Pgm Element 4 - Mgmt Zone Strategies	229,155	81,207	1,081,014	578,762	-502,252
7500 OBMP Pgm Element 6 & 7 - Coop Efforts/Salt Mgmt	49,744	46,274	255,769	310,507	54,738
7600 OBMP Pgm Element 8 & 9 Storage Mgmt/Conj Use	93,662	5,933	77,268	6,698	-70,570
7700 Inactive Well Protection Program	5,380	0	12,128	14,921	2,793
7690 Recharge Improvement Debt Payment	274,169	0	300,000	1,608,000	1,308,000
9502 Allocated G&A Expenditures	204,364	121,515	268,742	266,734	-2,008
<b>Total OBMP Implementation Projects</b>	<b>2,890,904</b>	<b>829,449</b>	<b>4,463,809</b>	<b>5,904,269</b>	<b>1,440,460</b>
<b>Total Expenses</b>	<b>5,092,946</b>	<b>1,854,363</b>	<b>6,378,261</b>	<b>8,537,405</b>	<b>2,159,144</b>
<b>Net Ordinary Income</b>	<b>899,505</b>	<b>3,124,803</b>	<b>-1,268,794</b>	<b>-954,700</b>	<b>314,094</b>
<b>Other Income</b>					
4210 Approp Pool-Replenishment	8,094,622	6,635,065	0	0	0
4220 Non-Ag Pool-Replenishment	2,485	0	0	0	0
4230 Groundwater Recharge Activity	1,625,000	0	600,000	0	-600,000
<b>Total Other Income</b>	<b>9,722,107</b>	<b>6,635,065</b>	<b>600,000</b>	<b>0</b>	<b>-600,000</b>
<b>Other Expense</b>					
5010 Groundwater Recharge	10,274,665	4,007,547	699,000	0	-699,000
<b>Total Other Expense</b>	<b>10,274,665</b>	<b>4,007,547</b>	<b>699,000</b>	<b>0</b>	<b>-699,000</b>
<b>Net Other Income</b>	<b>-552,558</b>	<b>2,627,519</b>	<b>-99,000</b>	<b>0</b>	<b>99,000</b>
<b>9800 From / (To) Reserves</b>	<b>-346,947</b>	<b>-5,752,322</b>	<b>1,367,794</b>	<b>954,700</b>	<b>-413,094</b>
<b>Net Income</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>



**Inland Empire**  
**UTILITIES AGENCY** \*  
\* A Municipal Water District

LM, GT SK.

700.105.10

6075 Kimball Avenue • Chino, CA 91710  
P.O. Box 9020 • Chino Hills, CA 91709  
TEL (909) 993-1600 • FAX (909) 993-1983  
www.ieua.org

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APR 21 2006

CHINO BASIN WATERMASTER

April 19, 2006

Chino Basin Watermaster  
Attention of Ken Manning  
9641 San Bernardino Road  
Rancho Cucamonga, CA 91730

**Proposed 2006-07 Recharge Operations and Maintenance Budget**

Dear Mr. Manning:

IEUA has assembled the attached Recharge Operations and Maintenance (O&M) budget for the 2006-07 fiscal year for review and approval by CBWM. This budget includes all proposed budgeted costs as provided by CBWCD, SBCFCD and IEUA. The proposed budget is based on our understanding of the status of the recharge basins and the upcoming opportunities for additional recharge of imported and recycled water. By the end of the 2005-06 fiscal year, it is projected that approximately 43,000 acre-feet will be recharged within the 2005-06 O&M budget period at an O&M cost of \$727,582. For the 2006-07 fiscal year, it is anticipated that through additional water supplies and basin enhancements, total recharge will exceed 54,000 acre-feet. The proposed budget includes an increase based on the unit cost of recharging the additional water.

The proposed budget also includes required costs that in the previous year were supplemented by either project capitalization or FEMA funding. Approximately \$160,000 in utilities and environmental support were capitalized and approximately \$520,600 in basin cleaning was funded by FEMA during the current fiscal year. Thus, the true cost of 2005-06 O&M was approximately \$1,408,182 (a unit cost of \$32.75 per acre-foot).

The proposed operating budget for 2006-07 is \$1,143,010 (which does not include a single year \$90,000 contingency allotment) and reflects an increase in total O&M cost at a decreased unit cost of recharge (\$1,143,010/54,000 AF per year = \$21.20 per acre-foot). For comparison, the unit cost per acre-foot is slightly higher than that of Orange County Water District, which has a much larger and well established O&M program. OCWD O&M costs are approximately \$15.70 per acre-foot based on a budget of \$3.5 million and a 15-year average recharge of 222,370 acre-feet. The IEUA unit cost is well below historical CBWCD O&M costs for the Montclair, Turner, and Ely basins (\$47 per acre-foot).

In addition to the detailed 2006-07 fiscal year O&M budget, I have also attached a variety of text and summary tables that show a GWR Fund overview, explanations for budget line items, justification for significant budget changes, anticipated recharge estimates and anticipated unit production cost tables. Please give me a call if you have any questions or comments.

Sincerely,  
INLAND EMPIRE UTILITIES AGENCY

Richard W. Atwater  
Chief Executive Officer  
General Manager

Enc.

Printed on Recycled Paper

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### **Programmatic Overview**

The FY 2006-07 budget for groundwater recharge operations of the basins and pertinent facilities is based on the costs to operate and maintain eighteen recharge sites in the Chino Basin. The anticipated volume of water recharge in FY 2006-07 is approximately 54,000 acre-feet (AF). This will be approximately 11,000 AF more than in the previous year due to anticipated improvements including:

- IEUA and SBCFCD completing an inlet to Jurupa Basin, enabling the delivery of storm water, imported water, and recycled water to RP3 and Declez Basins.
- The extension of IEUA's recycled water distribution system to Eighth Street and Brooks Basins, enabling recharge of recycled water at those sites.
- Expansion of MWD turnouts at CB13 and CB14, plus construction of a new turnout feeding Eighth Street and Ely Basins, enabling a consistence supply to these basins typically used only to recharge storm water.

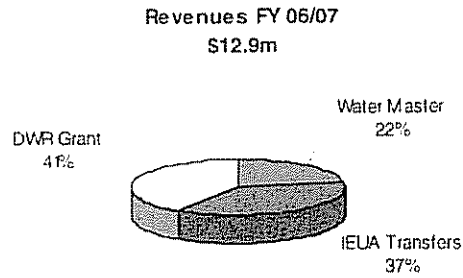
### **Fund Description**

The Recharge Water (RW) Program accounts for the revenues and expenses associated with the groundwater recharge capital expansion, operations and maintenance (O&M). The O&M component of the fund primarily include salaries, equipment, compliance reporting, environmental documentation, utilities and contracted services. Contracted services include cleaning basins of clogging layers of silt/clay, pest control, and weeding. Basin cleaning is planned for the following basins: Montclair, Turner, and San Sevaine 2. Large equipment to be purchased includes turbidity sensors, pumps, and a generator to better facilitate reduced basin cleaning costs and minimize basin downtime.

Capital projects to be facilitated by this fund include matching funds for the utilization of DWR grant funding for MWD turnout improvements, basin berm improvements, SCADA system improvements, and monitoring well installations. Addition fund expenditures include groundwater monitoring activities and compliance reporting.

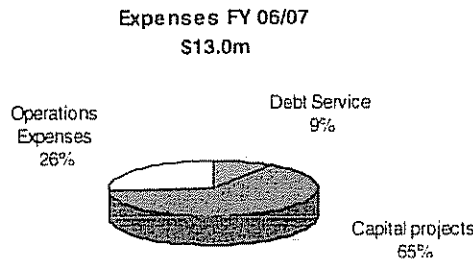
### **Revenues and Other Funding Sources**

Total budgeted revenues for FY 2006/07 are \$12.9 million, including \$2.8 million of reimbursements for debt service and facilities operation and maintenance from Chino Basin Watermaster (CBWM), and fund transfers from Wastewater program at \$4.8 million, for IEUA's share of debt service, operations, and capital support. In addition, DWR grant provides \$5.3 million for Basin improvement projects.



**Expenses and Other Uses of Funds**

Total budgeted expenses amount to \$13.0 million. Capital projects for Basin Improvements and Groundwater Monitoring Wells account for 65%, or \$8.4 million. Operation expenses, reimbursable and non reimbursable, equal 26%, or \$3.4 million. Debt service represents 9% of total expenses, or \$1.2 million.



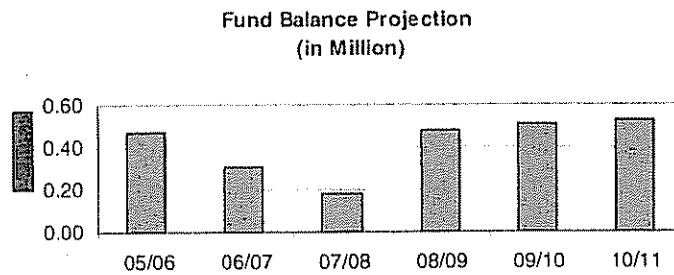
Capital expenses of \$8.4 million include \$7 million for Basin improvements, \$1.4 million for Groundwater Hydraulic Monitoring Wells, and expansion of the Recharge System.

Operations expenses of \$3.4 million include \$1.2 million of Watermaster reimbursable expenses for basin operations and administration, as well as equipment acquisition, and \$2.2 million of non reimbursable expenses, that consists of laboratory services of \$.7 million, other contract services of \$.7 million, and labor and other expenses for \$.8 million.

Debt service expenses of \$1.2 million consist of the Recharge Water fund portion of 2002 variable rate bonds debt payment, \$800,000 for interest and financial expenses and \$400,000 for principal payment.

## **Fund Balance**

The ending Balance for FY 2006/07 is projected to be \$300,000, a 34% decrease from prior year. In FY 2007/08 Fund balance will decrease to \$180,000, due to further Basin improvement capital expenses. Fund balances in future years are projected to maintain at approximately \$500,000.



### ***FY 2006/07 Highlights***

Completed and fully developed groundwater recharge sites will allow for a projected total annual recharge capacity of 170,000 acre feet (AF). Total recharge capacity will be comprised of up to 25,000 AF of storm water, 120,000 AF of imported water and 25,000 AF of recycled water.

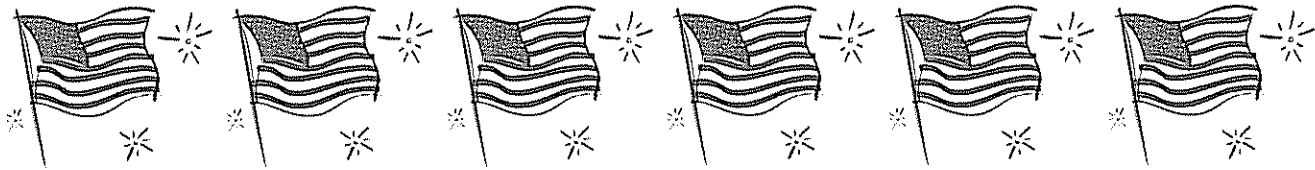
Implementation of this program will allow for increased water supplies during dry years, reduced imported water supplies and overall improved water quality.

### ***FY 2008/11 Forecast***

Basin Improvement Program will continue in FY 2007/08 with \$4.1 million additional capital projects, leaving reserves at about \$200,000. For future years, operation and maintenance expenses are projected to maintain at approximately \$3 million and debt related expenses will maintain at a \$1.1 million to \$1.4 million range, depending on interest rate fluctuations.



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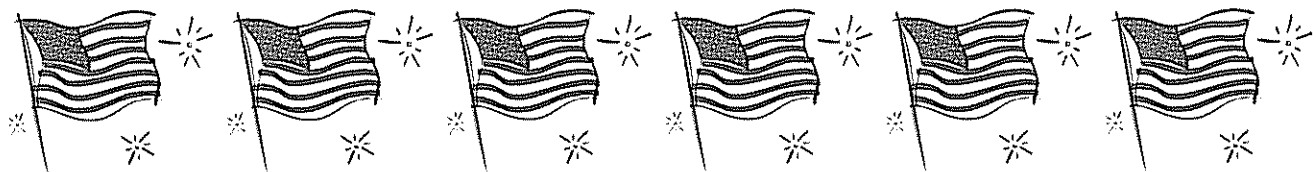


# CHINO BASIN WATERMASTER

## III. REPORTS/UPDATES

### A. WATERMASTER ENGINEERING CONSULTANT REPORT

2. Proposed WDRs for Recharge of Imported Water



California Regional Water Quality Control Board  
Santa Ana Region  
3737 Main Street, Suite 500  
Riverside, CA 92501-3348

**NOTICE OF PUBLIC HEARING**

For  
RESOLUTION NO. R8-2006-0042  
ORDER NO. R8-2006-0005

For  
**INITIAL STUDY AND NEGATIVE DECLARATION AND ISSUANCE OF GENERAL WASTE  
DISCHARGE REQUIREMENTS FOR THE INJECTION/PERCOLATION OF IMPORTED STATE  
PROJECT WATER, COLORADO RIVER WATER OR IMPORTED WELL WATER TO RECHARGE  
GROUNDWATER MANAGEMENT ZONES WITHIN THE SANTA ANA REGION**

On the basis of preliminary staff review and application of lawful standards and regulations, the California Regional Water Quality Control Board, Santa Ana Region (hereinafter Regional Water Board), proposes to adopt an initial study and negative declaration and issue general waste discharge requirements for the injection/percolation of imported State Project Water, Colorado River water or imported well water to recharge groundwater management zones within the Santa Ana. Region.

The Board is seeking comments concerning the proposed initial study and negative declaration and general waste discharge requirements and the potential effects of the discharges on the water quality and beneficial uses of the affected receiving waters.

The Board will hold a public hearing to consider adoption of the proposed waste discharge requirements as follows:

DATE: May 19, 2006  
TIME: 9:00 a.m.  
PLACE: City Council Chambers of Loma Linda  
25541 Barton Road  
City of Loma Linda

Interested persons are invited to submit written comments on the proposed Resolution No. R8-2006-0042 and Order No. R8-2006-0005. Interested persons are also invited to attend the public hearing and express their views on issues relating to the proposed Order and submission. Oral statements will be heard, but should be brief to allow all interested persons time to be heard. For the accuracy of the record, all testimony (oral statements) should be submitted in writing.

Although all comments that are provided up to and during the public hearing on this matter will be considered, receipt of comments by May 1, 2006 would be appreciated so that they can be used in the formulation of the draft Order that will be transmitted to the Board two weeks prior to the hearing. The draft Order may contain changes resulting from comments received from the public. To view and/or download a copy of the draft Order, please access our website at [www.waterboards.ca.gov/santaana](http://www.waterboards.ca.gov/santaana) on or after May 8, 2006.

The Board's proposed Order, related documents, and all comments and petitions received may be inspected and copied at the Regional Board office, 3737 Main Street, Suite 500, Riverside, CA 92501-3348 (phone 951-782-4130) by appointment scheduled between the hours of 9:00 a.m. and 3:00 p.m., Monday through Friday. Copies of the proposed Order will be mailed to interested persons upon request to J. Shami (951) 782-3288.

Any person who is physically challenged and requires reasonable accommodation to participate in this Regional Board Meeting should contact Felipa Carrillo at (951) 782-3285 no later than May 8, 2006.

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California Regional Water Quality Control Board  
Santa Ana Region

May 19, 2006

Staff Report

**ITEM:**

**SUBJECT:** General Waste Discharge Requirements for the injection/percolation of imported State Project Water, Colorado River Water or imported well water to recharge groundwater management zones within the Santa Ana Region – Groundwater Replenishment Projects Order No. R8-2006-0005

**I DISCUSSION:**

**Background**

The Regional Water Board adopted a revised Water Quality Control Plan for the Santa Ana Region (hereinafter Basin Plan) that became effective on January 24, 1995. The Basin Plan designates beneficial uses, establishes water quality objectives, and contains implementation programs and policies to achieve those objectives for all waters in the Santa Ana Region addressed through the plan. More recently, the Basin Plan was amended significantly to incorporate revised boundaries for groundwater subbasins, now termed “management zones”, new nitrate-nitrogen and TDS objectives for the new management zones, and new nitrogen and TDS management strategies applicable to both surface and ground waters. The Regional Water Board adopted the Basin Plan Amendment on January 22, 2004. The State Water Resources Control Board (State Water Board) and Office of Administrative Law (OAL) approved the Amendment on September 30, 2004 and December 23, 2004, respectively. The surface water standards provisions of the Amendment are awaiting approval by the U.S. Environmental Protection Agency but do not bear significantly on these proposed general waste discharge requirements. This Order implements provisions of the Amendment that are related to groundwater management zones.

The Nitrogen/TDS Basin Plan Amendment was the culmination of a multi-year, multi-million dollar (\$3.5+M) effort sponsored by the N/TDS Task Force, with extensive participation by and close coordination with Regional Board staff. The Task Force included 22 water supply and wastewater management agencies and other stakeholders throughout the Region. The effort was initiated because of concerns that (1) the nitrate-nitrogen and TDS groundwater quality objectives specified in the Basin Plan had been established in a relatively short time in early (1970s) basin planning work for the Region and might not have benefited from a high level of scientific rigor, and (2) the established objectives would likely place significant restrictions on wastewater recycling, which was expected to be increasingly needed to meet the Region’s rapidly growing demand for water supply.

The Task Force’s recommendations for changes to the Basin Plan, including new groundwater management zones, new TDS and nitrate-nitrogen objectives for those zones and revised TDS and nitrogen management strategies, were the result of intensive, rigorous scientific evaluation of relevant water quality, geologic and hydrologic data. In addition, as described next, certain

members of the Task Force pursued evaluations and developed recommendations based on consideration of the requirements of the State's antidegradation policy (SWRCB Resolution No. 68-16), leading to the development of "Maximum Benefit" TDS and nitrate-nitrogen objectives and water resource management commitments for specific groundwater management zones.

Several agencies proposed that alternative TDS and/or nitrate-nitrogen water quality objectives less stringent than those developed by the Task Force based on historical water quality (the so-called "antidegradation" objectives) be adopted for specific groundwater management zones. The underlying intent of these proposals was to assure that the TDS and nitrate-nitrogen objectives for specific management zones were consistent with and would accommodate the water and wastewater resource management plans of the involved agencies, including the use of recycled water for groundwater recharge and reuse. Since the less stringent objectives would allow a lowering of water quality, the agencies were required to satisfy antidegradation requirements, that is, to demonstrate that their proposed objectives would protect beneficial uses, and that water quality consistent with maximum benefit to the people of the state would be maintained.

Appropriate beneficial use protection/maximum benefit demonstrations were made by the Chino Basin Watermaster/Inland Empire Utilities Agency, the Yucaipa Valley Water District and the City of Beaumont/San Timoteo Watershed Management Authority to justify alternative "maximum benefit" objectives for the Chino North, Cucamonga, Yucaipa, Beaumont and San Timoteo groundwater management zones. These "maximum benefit" proposals, which are described in detail in Chapter 5 – Implementation of the Amended Basin Plan, entail commitments by the agencies to implement specific projects and programs. While these agencies' efforts to develop these proposals indicate their strong interest to proceed with these commitments, unforeseen circumstances may impede or preclude it. To address this possibility, the Basin Plan Amendment included both the "antidegradation" and "maximum benefit" objectives for the subject groundwater management zones (See Table 4-1 of the amended Basin Plan, included in this general WDR as Attachment A). Chapter 5 of the amended Basin Plan specifies the requirements for implementation of these objectives. Provided that these agencies' commitments are met, then the agencies have demonstrated maximum benefit, and the "maximum benefit" objectives included in Table 4-1 of the amended Basin for these waters apply for regulatory purposes. However, if the Regional Board finds that these commitments are not being met and that "maximum benefit" is thus not demonstrated, then the "antidegradation" objectives for these waters will apply. Chapter 5 of the amended Basin Plan also describes the mitigation requirements that will apply should discharges based on "maximum benefit" objectives occur unsupported by the demonstration of "maximum benefit".

### **Rationale for Issuance of the Proposed Waste Discharge Requirements**

Importation of State Project Water (SPW) and Colorado River Water (CRW) has long been a key part of the water supply plan within the Region. With the recent completion of new water conveyance systems, a number of agencies plan to increase recharge of groundwater management zones in the Santa Ana Region with these imported sources of supply when they are plentiful. In addition, water supply agencies are investigating the feasibility of importing or transferring groundwater pumped from one management zone for use/recharge in other areas of the Region. These agencies also plan to extract this stored water when potable water demand is high. These projects include those proposed by Elsinore Valley Municipal Water District for the Back Basin Groundwater Storage Project, Eastern Municipal Water District's Grant Avenue Recharge Project,

and the San Geronio Pass Water Agency's Brookside South Streambed Recharge Project. Other projects are in the planning stages.

To date, the Regional Board has not regulated groundwater recharge projects using imported SPW, CRW or well waters, even where the concentrations of nitrogen, TDS (or other) constituents exceeded relevant Basin Plan objectives. However, given the increased number and magnitude of the water recharge projects being contemplated, and in view of the extensive commitments that have been and will be made by dischargers and other stakeholders in the Region to develop and implement the new TDS and nitrate-nitrogen objectives, it is appropriate and in fact legally required to assure that those projects are consistent with the objectives. Otherwise, Basin Plan objectives could be violated and the TDS and nitrate-nitrogen management activities undertaken by certain stakeholders could be compromised by the recharge activities of others. To assure that imported water groundwater recharge projects do not cause or contribute to violations of applicable water quality standards, particularly the established groundwater objectives for Total Dissolved Solids (TDS) and nitrate-nitrogen, staff recommends the adoption of Order No. R8-2006-0005.

The proposed Order requires prospective dischargers to file: (a) a Notice of Intent (NOI) to comply with the terms and conditions of these General Waste Discharge Requirements (WDRs) or a report of waste discharge (ROWD); (b) the applicable first annual fee as required by Title 23, CCR, Section 2200; (c) a project map; (d) evidence of California Environmental Quality Act (CEQA) compliance; and (e) a monitoring plan. In addition, for projects that would affect groundwater management zones for which both maximum benefit and antidegradation TDS and nitrate-nitrogen objectives have been established in the Basin Plan ("maximum benefit management zones", the proposed Order requires dischargers to file with the NOI (or ROWD) documentation that demonstrates that the project is consistent with the applicable maximum benefit programs and commitments identified in the Basin Plan. This requirement may be satisfied by the submittal of a letter from the agency (-ies) responsible for the maximum benefit programs for the affected groundwater management zones that confirms that the proposed project(s) is consistent with the maximum benefit program.

Upon review of the NOI (or ROWD) by Regional Board staff, a determination will be made as to whether or not coverage under these General WDRs is appropriate. The Regional Board's Executive Officer would issue a discharge authorization letter to the discharger after staff has determined that proposed discharges can be covered under these General WDRs. If proposed discharges cannot be regulated under these general WDRs, the discharger will be notified by a letter from the Regional Board's Executive Officer or designee and alternative discharge requirements will be drafted. Where a proposed project that would affect groundwater maximum benefit management zones is not consistent with the maximum benefit program, Board staff will recommend waste discharge requirements that require compliance with the antidegradation TDS and nitrate-nitrogen water quality objectives.

## **II. REGULATORY BASIS FOR WASTE DISCHARGE REQUIREMENTS**

This Order includes requirements that implement the Water Quality Control Plan (Basin Plan), which was adopted by the Regional Board on March 11, 1994. The Basin Plan was approved by the Office of Administrative Law and became effective on January 24, 1995. On January 22, 2004, the Regional Water Board adopted Resolution No. R8-2004-0001, amending the Basin Plan to incorporate revised boundaries for groundwater subbasins, now termed "management

zones", new nitrate-nitrogen and TDS objectives for the new management zones, and new nitrogen and TDS management strategies applicable to both surface and ground waters. The State Water Resources Control Board and Office of Administrative Law (OAL) approved the N/TDS Amendment on September 30, 2004 and December 23, 2004, respectively. This Plan specifies water quality objectives and beneficial uses for the waters of the Santa Ana Region.

The existing and potential beneficial uses of underlying groundwater management zones in the Santa Ana Region include municipal and domestic supply, agricultural supply, industrial process supply, and industrial service supply.

The proposed Order specifies numeric and narrative limits for the constituents expected to be present in the discharges. The specified limits are consistent with the Basin Plan objectives and other state requirements.

In some instances, the TDS or nitrogen quality of the imported water proposed for recharge may exceed the TDS or nitrate-nitrogen water quality objectives for the specific groundwater management zone where the groundwater recharge is to occur. In these circumstances, project proponents have proposed to divert storm runoff into the recharge basins to assure that recharge of the combined flows meets the TDS and/or TN objectives of the groundwater management zone. This Order allows proponents to flow weight the TDS or TN quality of surface water and storm water for recharge.

Monitoring is the primary means of ensuring that waste discharge requirements are met. It is also the basis for enforcement actions against dischargers who are in violation of the waste discharge requirements issued by the Regional Board. All dischargers enrolled under this general permit will be required to conduct monitoring in accordance with a monitoring program issued by the Executive Officer. Each monitoring and reporting program will be customized for each enrollee based on the characteristics of the water to be used for recharge. The typical required constituents and frequency of analyses are tabulated in the self-monitoring program attached to this general permit as "Typical Monitoring and Reporting Program (MR&P) No. R8-2006-0005." This monitoring and reporting program will be revised as appropriate for each discharger. An increase of the parameters or frequency of monitoring will be required if monitoring data show the presence of specific pollutants of concern that are not limited in this Order. This Order may be reopened to include effluent limitations for such constituents. A reduction of the parameters or frequency of monitoring may be implemented with prior approval of the Executive Officer when monitoring data demonstrate that such reduction is warranted.

The Order also requires the discharger to monitor for Total Trihalomethanes (THM)<sup>1</sup>, 1-4 Dioxane, Methyl-tert-butyl ether (MTBE), Perchlorate and N-Nitrosodimethylamine (NDMA) on a quarterly basis. These constituents have been determined to be present in imported water at low concentrations. If any of these constituents are detected at levels above the concentrations shown in the Table below, the discharger will be required to accelerate monitoring for that specific constituent to monthly. If the detected concentrations are persistent and considerable<sup>2</sup>,

---

<sup>1</sup> Sum of bromodichloromethane, dibromochloromethane, bromoform and chloroform

<sup>2</sup> Persistent and considerable is defined as being detected at levels 10 times the concentration shown in the table for three consecutive months during the accelerated monitoring.



the discharger may be required to implement measures to reduce discharges of such constituent(s) into the ground and apply for an individual permit.

Parameter	Concentration (ug/L)
1-4 Dioxane	3 <sup>3</sup>
Total Trihalomethanes (THM)	100 <sup>3</sup>
N-Nitrosodimethylamine (NDMA)	0.01 <sup>4</sup>
Methyl-tert-butyl ether (MTBE)	13 <sup>4</sup>
Perchlorate	6 <sup>4</sup>

This Order requires the discharger to conduct an annual monitoring of constituents with primary contaminant levels (MCLs) and secondary MCLs. If any of these constituents are detected in the annual scan at levels above the MCLs, the discharger is required to conduct accelerated monitoring for that specific constituent to determine whether such parameters are persistent and considerable and should be limited in this Order.

The proposed discharge limitations and monitoring and reporting program should be adequate to protect the beneficial uses of the waters in the area.

RECOMMENDATION:

Adopted Order No. R8-2006-0005 as presented.

Comments were solicited from the following:

- State Water Resources Control Board, Office of the Chief Counsel – Jorge Leon
- State Water Resources Control Board, Division of Water Quality – Jim Maughan
- State Department of Water Resources - Glendale
- State Department of Health Services, Santa Ana –
- State Department of Health Services, San Bernardino – Sean McCarthy
- State Department of Health Services, San Diego – Steven Williams
- Orange County Public Facilities and Resources Department - Chris Crompton
- Orange County Health Care Agency - Seth Daugherty
- Orange County Water District – Nira Yamachika
- Riverside County Environmental Health Department - Sandy Bonchek
- San Bernardino County Department of Public Works, Environmental Management Division – Naresh Varma
- San Bernardino County Environmental Health Department – Daniel Avera
- South Coast Air Quality Management District - Barry Wallerstein
- Orange County Coastkeeper – Garry Brown
- Lawyers for Clean Water C/c San Francisco Baykeeper
- Elsinore Valley Municipal Water District
- Yucaipa Valley Water District
- City of Beaumont – Alan Kapanicas
- Inland Empire Utilities Agency – Patrick O. Shields

<sup>3</sup> Based on CDHS' notification Level

<sup>4</sup> Based on CDHS' MCL

Santa Ana Watershed Project Authority – Daniel Cozad  
Santa Ana River Dischargers Association  
San Geronio Pass Water Agency  
Orange County Coastkeeper  
Lawyers for Clean Water C/c San Francisco Baykeeper  
Chino Basin Watermaster  
San Timoteo Watershed Management Authority  
Wildermuth Environmental Inc. – Mark Wildermuth  
Attached mailing list

California Regional Water Quality Control Board  
Santa Ana Region

Order No. R8-2006-0005

GENERAL WASTE DISCHARGE REQUIREMENTS FOR THE  
INJECTION/PERCOLATION OF IMPORTED STATE PROJECT WATER, COLORADO  
RIVER WATER OR IMPORTED WELL WATER TO RECHARGE GROUNDWATER  
MANAGEMENT ZONES WITHIN THE SANTA ANA REGION – GROUNDWATER  
REPLENISHMENT PROJECTS

The California Regional Water Quality Control Board, Santa Ana Region (hereinafter Regional Water Board), finds that:

1. The Regional Water Board adopted a revised Water Quality Control Plan for the Santa Ana Region (hereinafter Basin Plan) that became effective on January 24, 1995. The Basin Plan designates beneficial uses, establishes water quality objectives, and contains implementation programs and policies to achieve those objectives for all waters in the Santa Ana Region addressed through the plan. More recently, the Basin Plan was amended significantly to incorporate revised boundaries for groundwater subbasins, now termed "management zones", new nitrate-nitrogen and TDS objectives for the new management zones, and new nitrogen and TDS management strategies applicable to both surface and ground waters. This Basin Plan Amendment was adopted by the Regional Water Board on January 22, 2004. The State Water Resources Control Board (State Water Board) and Office of Administrative Law (OAL) approved the Amendment on September 30, 2004 and December 23, 2004, respectively. The surface water standards provisions of the Amendment are awaiting approval by the U.S. Environmental Protection Agency. The groundwater-related components of the N/TDS Amendment became effective upon approval by OAL. Accordingly, these waste discharge requirements implement relevant, groundwater-related components of the N/TDS Amendment.
2. The adoption of the N/TDS Amendment resulted from an intensive and scientifically rigorous effort by stakeholders throughout the Region to address nitrogen and TDS water quality objectives and management strategies. Given the increased number and magnitude of water recharge projects being contemplated in the Region, and in view of the extensive commitments that have been and will be made by dischargers and other stakeholders in the Region to develop and implement the new TDS and nitrogen objectives, it is appropriate, as well as legally necessary, to assure that those projects are consistent with the objectives. Failure to assure proper regulation of recharge projects could result in violations of Basin Plan objectives and compromise TDS and nitrogen management strategies implemented by other parties. The adoption of these general waste discharge requirements for groundwater recharge projects will facilitate groundwater replenishment projects needed to assure a reliable water supply and will assure that such projects are conducted in accordance with the Basin Plan.

3. As shown in Chapter 4 of the Basin Plan as amended by the N/TDS Amendment, two sets of TDS and nitrate-nitrogen objectives have been adopted for certain groundwater management zones (Chino North, Cucamonga, Yucaipa, San Timoteo and Beaumont Groundwater Management Zones (GMZ)): the “maximum benefit” objectives and more stringent objectives based on historic ambient quality (the “antidegradation” objectives). The application of the “maximum benefit” objectives for these Management Zones is contingent on the implementation of commitments by identified responsible parties to implement specific water and wastewater resources management programs. These parties include the Chino Basin Watermaster and Inland Empire Utilities Agency (Chino North, Cucamonga GMZs), the City of Beaumont and the San Timoteo Watershed Management Authority (San Timoteo and Beaumont GMZs) and the Yucaipa Valley Water District (Yucaipa and San Timoteo GMZs). The maximum benefit commitments of these agencies are delineated in Chapter 5 of the Basin Plan, as amended by the N/TDS Amendment and include compliance dates for the implementation of specific activities. These programs are part of a coordinated effort by the agencies to develop and implement projects that will assure reliable water supplies to meet rapidly increasing demands in this area.
4. This Order implements relevant portions of the N/TDS Amendment by specifying effluent limitations and other requirements based on the nitrate-nitrogen and TDS objectives for the groundwater management zones. Where both “maximum benefit” and “antidegradation” objectives apply, effluent limitations and other requirements based on both sets of objectives are specified. Provided that the maximum benefit commitments shown in the N/TDS Amendment are satisfied, then the requirements of the Order that address the “maximum benefit” objectives apply. If the Regional Board finds that the maximum benefit commitments are not being met, then the requirements of the Order that address the “antidegradation” TDS and nitrate-nitrogen objectives for these GMZ apply.
5. Entity(ies)/individual(s) proposing to recharge State Project water, Colorado River water or other imported water, including well water, into groundwater management zones within the Santa Ana Region are hereinafter referred to as “discharger” and are subject to the terms and conditions of this Order.
6. The existing and potential beneficial uses of underlying groundwater basins in the Santa Ana Region include:
  - a. Municipal and domestic supply,
  - b. Agricultural supply,
  - c. Industrial service supply, and
  - d. Industrial process supply.
7. The requirements contained in this Order are necessary to implement the Basin Plan.

8. Dischargers seeking coverage under these General WDRs must file with the Regional Board: (a) a Notice of Intent (NOI) to comply with the terms and conditions of these General WDRs or a Report of waste discharge (ROWD); (b) the applicable first annual fee as required by Title 23, CCR, Section 2200; (c) a project map; (d) evidence of California Environmental Quality Act (CEQA) compliance; and (e) a proposed monitoring plan. Upon review by Regional Board staff, a determination will be made as to whether or not coverage under these General WDRs is appropriate. A letter from the Regional Board Executive Officer will notify the Discharger when coverage under these General WDRs is authorized and will include project-specific monitoring and reporting requirements. If necessary, individual requirements will be developed to address projects that cannot be authorized under these General WDRs.
9. A Negative Declaration in compliance with CEQA has been adopted for these General WDRs. The environmental impacts from new discharges authorized by these General WDRs have been found to be less than significant.
10. The Regional Board has notified interested agencies and persons of its intent to prescribe general waste discharge requirements for groundwater cleanup discharges resulting from the cleanup of groundwater, and has provided them with an opportunity to submit their written views and recommendations.
11. The Regional Board, in a public hearing, heard and considered all comments pertaining to the general waste discharge requirements for discharges of treated groundwater resulting from groundwater cleanup projects.

**IT IS HEREBY ORDERED** that the Discharger, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder shall comply with the following:

**A. DISCHARGE SPECIFICATIONS**

1. The discharge of wastes containing constituent concentrations in excess of the following limits is prohibited:

Constituent	12-Month Average Concentration Limit <sup>1</sup>
Total Dissolved Solids (TDS)	TDS Water Quality Objective as shown in the Attachment "A" corresponding to the affected Groundwater Management Zone

<sup>1</sup> 12-Month average concentration limit means the highest allowable average of monthly discharges over the last twelve months, calculated as the sum of all monthly discharges measured during last twelve months divided by the number of monthly discharges measured during that time period.

Constituent	12-Month Average Concentration Limit <sup>1</sup>
Total Inorganic Nitrogen (TIN)	TIN Water Quality Objective as shown in the Attachment "A" corresponding to the affected Groundwater Management Zone

2. The pH of the discharge shall be within the range of 6 to 9 pH units.
3. The discharge of treated water through injection wells/percolation trenches shall not cause degradation of the receiving groundwater.

**B. PROHIBITIONS**

1. The discharge of waste that may affect the beneficial uses of the groundwater is prohibited.
2. The discharge of wastes to property not owned or controlled by the discharger is prohibited.
3. The discharge of any substances in concentrations toxic to human, animal, plant or aquatic life is prohibited.

**C. PROVISIONS**

1. Neither the treatment nor the discharge of waste shall create, or threaten to create, a nuisance or pollution as defined by Section 13050 of the California Water Code.
2. For projects that would affect groundwater management zones with established TDS and nitrate-nitrogen objectives based on both "maximum benefit" and "antidegradation", the Discharger shall obtain confirmation from the agency (-ies) responsible for implementing relevant maximum benefit commitments<sup>2</sup>, as specified in Tables 5-8a, 5-9a and 5-10a of the Basin Plan, that their proposed project is consistent with the agency's maximum benefit program. This confirmation shall be submitted as part of the NOI or ROWD. Absent this confirmation, the Discharger is required to comply with the TDS and nitrate-nitrogen limitations of this Order that are based on the antidegradation objectives.
3. The Executive Officer shall determine whether the proposed discharge is eligible for coverage under these general waste discharge requirements, after which, the Executive Officer may;

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<sup>2</sup> Includes the following agencies: Chino Basin Watermaster/Inland Empire Utilities Agency, the Yucaipa Valley Water District and the City of Beaumont/San Timoteo Watershed Management Authority

- a. Authorize the proposed discharge by transmitting a "Discharge Authorization Letter" to the discharge proponent (now an "authorized discharger") authorizing the initiation of the discharge under the conditions of this Order and any other conditions consistent with this Order that are necessary to protect the beneficial uses of the receiving waters; or,
  - b. Require the discharge proponent to obtain individual waste discharge requirements prior to any discharge to waters of the State within the Santa Ana Region.
4. The discharge authorization letter from the Executive Officer shall specify any conditions necessary to protect the beneficial uses of the receiving waters and shall specify the Self-Monitoring Program for the proposed discharge in accordance with this Order. The discharge authorization letter may be terminated or revised by the Executive Officer at any time.
  5. The discharger shall comply with all requirements of this Order and the terms, conditions and limitations of the discharge authorization letter.
  6. The discharger shall comply with the monitoring and reporting program R8-2006-0005 issued by the Executive Officer. Revision of this monitoring and reporting program by the Executive Officer may be necessary to confirm that the discharger is in compliance with the requirements and provisions contained in this Order. Revisions may be made by the Executive Officer at any time during the term of this Order, and may include a reduction or an increase in the number of constituents to be monitored, the frequency of monitoring or the number and size of samples collected.
  7. Compliance with the 12-month average limit specified under Discharge Specifications A.1. shall be determined by the arithmetic mean of the last twelve monthly averages.
  8. Compliance with the effluent limitations shall be based on the practical quantitation levels (PQL) specified in Attachment "A" of M&RP No. R8-2006-0005 or on the lower detection limits achieved by the discharger. The discharge shall be considered to be in compliance with an effluent limitation that is less than or equal to the PQL specified in Attachment "A" of M&RP No. R8-2006-0005 if the arithmetic mean of all test results for the monitoring period is less than the constituent effluent limitation. Analytical results that are less than the specified PQL shall be assigned a value of zero.
  9. Compliance determinations shall be based on available analyses for the time interval associated with the effluent limitation. Where only one sample analysis is available in a specified time interval (e.g., weekly, monthly, quarterly), that sample shall serve to characterize the discharge for the entire interval.
  10. Compliance based on a single sample analysis shall be determined where appropriate, as described below:

- a. When the effluent limitation is greater than or equal to the PQL, compliance shall be determined based on the effluent limitation in either single or multiple sample analyses.
  - b. When the effluent limitation is less than the PQL, compliance determinations based on analysis of a single sample shall only be undertaken if the concentration of the constituent of concern in the sample is greater than or equal to the PQL.
11. The discharger must comply with all of the requirements of this Order. Any violation of this Order constitutes a violation of the California Water Code and is grounds for enforcement action, termination of this Order, revocation and reissuance of this Order, denial of an application for reissuance of this Order, or a combination thereof.
  12. The discharger shall take all reasonable steps to minimize or prevent any discharge that has a reasonable likelihood of adversely affecting human health or the environment.
  13. The discharger shall take all reasonable steps to minimize any adverse impact to receiving waters resulting from noncompliance with any requirements specified in this Order, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.
  14. The discharger shall maintain a copy of this Order at the site so that it is available to site operating personnel at all times. Key operating personnel shall be familiar with its content.
  15. The discharger shall notify the Regional Board in advance of any planned physical alterations or additions to the permitted facility or changes in operation including any material change or proposed change in the character, location or volume of the discharge or activity that may result in noncompliance with these waste discharge requirements.
  16. The discharger shall permit Board staff:
    - a. Entry upon premises in which an effluent source is located, or in which any required records are kept;
    - b. Access to copy any records required to be kept under the terms and conditions of this Order;
    - c. Inspection of monitoring equipment records; and
    - d. To sample any discharge.



17. The discharger shall report any discharge of waste that may endanger health or the environment. Any information shall be provided to the Executive Officer (909-782-4130) and the Office of Emergency Services (800-852-7550), if appropriate, as soon as the discharger becomes aware of the circumstances. A written report shall be submitted within five (5) days and shall contain a description of the discharge and its cause, the period of discharge, including exact dates and times and, if the discharge has not been corrected, the anticipated time it is expected to continue, and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the discharge.
18. The California Water Code provides that any person who violates a waste discharge requirement or a provision of the California Water Code is subject to civil penalties of up to \$5,000 per day, \$10,000 per day, or \$25,000 per day of violation, or when the violation involves the discharge of pollutants, is subject to civil penalties of up to \$10 per gallon per day, or \$20 per gallon per day of violation; or some combination thereof, depending on the violation, or upon the combination of violations.

**D. REQUIRED REPORTS AND NOTICES**

1. The discharger shall give advance notice to the Regional Board of any planned changes in the permitted facility or activity that may result in noncompliance with these waste discharge requirements.
2. In the event of any change in control or ownership of land or waste discharge facilities currently owned or controlled by the discharger, the discharger shall notify the succeeding owner or operator of the existence of their authorization to discharge wastewater under this general permit by letter, a copy of which together with the signed agreement between previous owner and the new owner accepting responsibility and liability for complying with this general permit shall be forwarded to the Executive Officer.
3. Upon completion of the project, the discharger shall notify the Executive Officer of the Regional Board in writing about cessation of the discharge and shall request for termination of coverage under this general permit.

**E. APPLICATION REQUIREMENTS**

1. At least 60 days before the intended start of a new discharge or individual permit expiration, the discharger shall submit an application for coverage under this Order. The authorization letter from the Executive Officer is required prior to commencement of the discharge. The application shall consist of the following information:
  - a. Notice of Intent to be covered under this general permit.

- b. A report that shall include the following:
- 1) Characterization of the proposed wastewater discharge. A representative water sample shall be analyzed for all 126-priority pollutants<sup>3</sup> listed in Attachment B of the M&RP, TDS and nitrate-nitrogen.
  - 2) The name and location where groundwater recharge is planned;
  - 3) The groundwater management zone(s) that would be affected by the discharge;
  - 4) The estimated average and maximum daily flow rates;
  - 5) The frequency and duration of the discharge;
  - 6) A description of the proposed treatment system (if appropriate); and
  - 7) A map showing locations and sizes of recharge basins or aquifer storage/recovery wells.
  - 8) For discharges that would affect groundwater management zones with both maximum benefit and antidegradation TDS and nitrate-nitrogen objectives, confirmation from the agency/-ies responsible for maximum benefit commitments (see Provisions C.2.) that the discharge is consistent with the maximum benefit program.
- c. Any other information deemed necessary by the Executive Officer.

I, Gerard J. Thibeault, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an order adopted by the California Regional Water Quality Control Board, Santa Ana Region, on May 19, 2006.

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Gerard J. Thibeault  
Executive Officer

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<sup>3</sup> Test methods shall be in accordance with 40 CFR 136. For testing organic volatile compounds use EPA Method 8260 and report entire suite of detected constituents. The method detection limit and detection level attained shall also be reported with the test results.

## General Groundwater Recharge Waste Discharge Requirements

Groundwater Management Zones	Water Quality Objective (mg/L)		
	TDS	TIN Limit for Reinjection Projects	TIN Limit for Recharge/ Percolation Projects
Big Bear Valley*	220	5.0	6.67
Beaumont "maximum benefit"++	290	5.0	3.47
Beaumont "antidegradation"++	230	1.5	2.00
Bunker Hill – A	310	2.7	3.60
Bunker Hill – B	260	7.3	7.33
Colton	410	2.7	3.60
Chino – North "maximum benefit"++	300	5.0	6.67
Chino 1 – "antidegradation"++	280	5.0	6.67
Chino 2 – "antidegradation"++	250	2.9	3.87
Chino 3 – "antidegradation"++	260	3.5	4.67
Chino – East @	730	10.0	5.60
Chino – South @	680	4.2	13.33
Cucamonga "maximum benefit"++	260	5.0	5.87
Cucamonga "antidegradation"++	210	2.4	3.20
Lytle	240	1.5	2.00
Rialto	230	2.0	2.67
San Timoteo "maximum benefit"++	300	5.0	3.87
San Timoteo "antidegradation"++	300	2.7	3.60
Yucaipa "maximum benefit"++	330	5.0	6.67
Yucaipa "antidegradation"++	320	4.2	5.60
Arlington	980	10	13.33
Bedford **	--	--	--
Coldwater	380	1.5	2.00
Elsinore	480	1.0	1.33
Lee Lake**	--	--	--
Riverside – A	440	6.2	5.87

## General Groundwater Recharge Waste Discharge Requirements

Groundwater Management Zones	Water Quality Objective (mg/L)		
	TDS	TIN Limit for ReInjection Projects	TIN Limit for Recharge/ Percolation Projects
Riverside – B	290	7.6	10.13
Riverside – C	680	8.3	11.07
Riverside – D	810	10.0	13.33
Riverside – E	720	10.0	13.33
Riverside – F	580	9.5	12.67
Temescal	770	10.0	13.33
Warm Springs**	-	-	-
<b>SAN JACINTO RIVER BASIN</b>			
Garner Valley*	300	2.0	2.66
Idyllwild Area**	--	--	--
Canyon	220	2.5	2.13
Hemet - South	730	4.1	5.47
Lakeview – Hemet North	520	1.8	2.40
Menifee	1020	2.8	3.73
Perris North	570	5.2	6.27
Perris South	1260	2.5	3.33
San Jacinto – Lower	520	1.0	1.33
San Jacinto – Upper	320	1.4	1.87
<b>LOWER SANTA ANA RIVER BASIN</b>			
La Habra**	--	--	--
Santiago **	--	--	--
Orange	580	3.4	4.53
Irvine	910	5.9	7.87

++ "Maximum benefit" objectives apply unless Regional Board determines that the maximum benefit commitments shown in Tables 5-8a, 5-9a and 5-10a are not being met; in that case, "antidegradation" objectives would apply (see discussion in Chapter 5 of the Basin Plan ).

\*\* Numeric objectives not established; narrative objectives apply

California Regional Water Quality Control Board  
Santa Ana Region

Monitoring and Reporting Program No. R8-2006-0005

GENERAL WASTE DISCHARGE REQUIREMENTS FOR THE  
INJECTION/PERCOLATION OF IMPORTED STATE PROJECT WATER, COLORADO  
RIVER WATER OR IMPORTED WELL WATER TO RECHARGE GROUNDWATER  
MANAGEMENT ZONES WITHIN THE SANTA ANA REGION

A. MONITORING REQUIREMENTS

1. All chemical and bacteriological analyses shall be conducted at a laboratory certified for such analyses by the California Department of Health Services Environmental Laboratory Accreditation Program (ELAP) or approved by the Executive Officer. A copy of the laboratory certification shall be submitted with the annual summary report.
2. All sampling and sample preservation shall be in accordance with the current edition of "Standard Methods for the Examination of Water and Wastewater" (American Public Health Association).
3. All analytical data shall be reported with method detection limits (MDLs)<sup>1</sup>, and with identification of either minimum level (ML)<sup>2</sup> practical quantitation levels (PQLs)<sup>3</sup> or limits of quantitation (LOQs).
4. Laboratory data must quantify each constituent down to the Practical Quantitation Levels specified in Attachment "A" or to "Detection Limits for purposes of Reporting (DLRs)" by the California Department of Health Services. Any internal quality control data associated with the sample must be reported when requested by the Executive Officer. The Regional Board will reject the quantified laboratory data if quality control data is unavailable or unacceptable. All QA/QC analyses must be run on the same dates when samples were actually analyzed. The Discharger shall make available for inspection and/or submit the QA/QC documentation upon request by Regional Board staff. Proper chain of custody procedures must be followed and a copy of that documentation shall be furnished upon request by Regional Board staff.

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<sup>1</sup> MDL is the minimum concentration of a substance that can be measured and reported with 99 percent confidence that the analyte concentration is greater than zero, as defined in 40 CFR 136, Appendix B, revised as of May 14, 1999.

<sup>2</sup> Minimum level is the concentration at which the entire analytical system must give a recognizable signal and acceptable point. The ML is the concentration in a sample that is equivalent to the concentration of the lowest calibration standard analyzed by a specific analytical procedure, assuming that all the method specified sample weights, volumes, and processing steps have been followed.

<sup>3</sup> PQL is the lowest concentration of a substance that can be determined within  $\pm 20$  percent of the true concentration by 75 percent of the analytical laboratories tested in a performance evaluation study. Alternatively, if performance data are not available, the PQL is the method detection limit (MDL)  $\times 5$  for carcinogens and MDL  $\times 10$  for noncarcinogens.

5. All monitoring instruments and devices used by the discharger to fulfill the prescribed monitoring program shall be properly maintained and calibrated as necessary to ensure their continued accuracy.
6. The flow measurement system shall be calibrated at least once per year or more frequently, to ensure continued accuracy.
7. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. Influent samples shall be taken at each point of inflow to the treatment system and shall be representative of the influent to the treatment system. Effluent samples shall be taken downstream of the last addition of waste to the treatment or discharge works where a representative sample may be obtained prior to mixing with the receiving waters.
8. Whenever the discharger monitors any pollutant more frequently than is required by this Order, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the discharge monitoring report specified by the Executive Officer.
9. The discharger may request a reduction in the constituents to be monitored and/or a reduction in monitoring frequency for a specific constituent(s) subject to the approval of the Executive Officer.
10. The discharger shall assure that records of all monitoring information are maintained and accessible for a period of at least five years from the date of the sample, report, or application. This period of retention shall be extended during the course of any unresolved litigation regarding this discharge or by the request of the Board at any time. Records of monitoring information shall include:
  - a. The date, exact place, and time of sampling or measurements;
  - b. The individual(s) who performed the sampling, and/or measurements;
  - c. The date(s) analyses were performed;
  - d. The individual(s) who performed the analyses;
  - e. The analytical techniques or methods used;
  - f. All sampling and analytical results;
  - g. All monitoring equipment calibration and maintenance records;
  - h. All original strip charts from continuous monitoring devices;
  - i. All data used to complete the application for this Order; and,
  - j. Copies of all reports required by this Order.
11. Unless otherwise specified, discharge flows shall be reported in terms of daily average discharge flows. The results of all monitoring required by this Order shall be reported to the Board, and shall be submitted in such a format as to allow direct comparison with the limitations and requirements of this Order.

12. The discharger shall deliver a copy of each monitoring report in the appropriate format to:

California Regional Water Quality Control Board  
 Santa Ana Region  
 3737 Main Street, Suite 500  
 Riverside, CA 92501-3348

13. A "grab" sample is defined as any individual sample collected in less than 15 minutes.
14. Daily samples shall be collected on each day of the week.
15. Weekly samples shall be collected on a representative day of each week.
16. Monthly samples shall be collected on a representative day of the month.
17. Annual samples shall be collected by the 10<sup>th</sup> working day of the following months:

Year	Annual Sampling Month
2006-2010	June, September, December, March, respectively
2011-2014	February, May, August, November, respectively
2015-2018	April, July, October, January, respectively

**B. MONITORING OF STATE PROJECT WATER/COLORADO RIVER WATER/OTHER IMPORTED WATER FOR RECHARGE**

1. A sampling station shall be established for each point of recharge and shall be located where representative samples of the water for recharge can be obtained. The following shall constitute the recharge water monitoring program:

<u>Chemical</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Sampling and Analysis</u>
Total Water Flow	Mgd	Flow meter/totalizer	Continuous
Total Nitrogen <sup>4</sup>	mg/L	Grab <sup>5</sup>	Quarterly

<sup>4</sup> Total Nitrogen is defined as the sum of nitrate, nitrite, ammonia, and organic nitrogen concentrations, expressed as nitrogen.

<sup>5</sup> Grab sample is an individual sample collected in a short period of time not exceeding 15 minutes. Grab samples shall be collected during normal peak loading conditions for the parameter of interest, which may or may not be during hydraulic peaks.

## General Groundwater Recharge Waste Discharge Requirements

<b>Table I</b>			
<b><u>Chemical</u></b>	<b><u>Units</u></b>	<b><u>Type of Sample</u></b>	<b><u>Minimum Frequency of Sampling and Analysis</u></b>
Nitrate Nitrogen	mg/L	Grab <sup>6</sup>	Quarterly
Total Inorganic Nitrogen	"	"	"
Total Organic Carbon	"	"	"
Total Dissolved Solids	"	"	"
1-4 Dioxane	µg/L	"	"
Total Trihalomethanes (TTHM) <sup>7</sup>	"	"	"
N-Nitrosodimethylamine (NDMA)	"	"	"
Methyl-tert-butyl ether (MTBE)	"	"	"
Perchlorate	"	"	"
<b><u>Inorganic Chemical</u></b>			
Aluminum	µg/L	Grab	Annually
Antimony	"	"	"
Arsenic	"	"	"
Asbestos	MFL	"	"
Barium	µg/L	Grab	"
Beryllium	"	"	"
Cadmium	"	"	"
Chromium	"	"	"
Cyanide	"	"	"
Fluoride	"	"	"
Mercury	"	"	"
Nickel	"	"	"
Selenium	"	"	"
Thallium	µg/L	Grab	"
<b><u>Volatile Organic Chemicals (VOC)</u></b>			
Benzene	µg/L	Grab	Annually
Carbon Tetrachloride	"	"	"
1,2-Dichlorobenzene	"	"	"
1,4-Dichlorobenzene	"	"	"
1,1-Dichloroethane	"	"	"
1,2-Dichloroethane	"	"	"
1,1-Dichloroethylene	µg/L	Grab	Annually
Cis-1,2-Dichloroethylene	"	"	"
trans-1,2-Dichloroethylene	"	"	"
Dichloromethane	"	"	"
1,2-Dichloropropane	"	"	"
1,3-Dichloropropene	"	"	"

<sup>6</sup> Grab sample is an individual sample collected in a short period of time not exceeding 15 minutes. Grab samples shall be collected during normal peak loading conditions for the parameter of interest, which may or may not be during hydraulic peaks.

<sup>7</sup> Sum of bromodichloromethane, dibromochloromethane, bromoform, and chloroform.



<b>Table I</b>			
<b><u>Chemical</u></b>	<b><u>Units</u></b>	<b><u>Type of Sample</u></b>	<b><u>Minimum Frequency of Sampling and Analysis</u></b>
Ethylbenzene	"	"	"
Monochlorobenzene	"	"	"
Styrene	"	"	"
1,1,2,2-Tetrachloroethane	"	"	"
Tetrachloroethylene	"	"	"
Toluene	"	"	"
1,2,4-Trichlorobenzene	"	"	"
1,1,1 Trichloroethane	"	"	"
1,1,2-Trichloroethane	"	"	"
Trichloroethylene	"	"	"
Trichlorofluoromethane	"	"	"
1,1,2-Trichloro-1,2,2-Trifluoroethane	"	"	"
Vinyl Chloride	"	"	"
Xylenes <sup>8</sup>	"	Grab	Annually
<b><i>Non-Volatile Synthetic Organic Chemicals (SOCs)</i></b>			
Alachlor	µg/L	Grab	Annually
Atrazine	"	"	"
Bentazon	"	"	"
Benzo(a)pyrene	"	"	"
Carbofuran	"	"	"
Chlordane	"	"	"
2,4-D	"	"	"
Dalapon	"	"	"
Dibromochloropropane (DBCP)	"	"	"
Di(2-ethylhexyl)adipate	"	"	"
Di(2-ethylhexyl)phthalate	"	"	"
Dinoseb	"	"	"
Diquat	"	"	"
Endothall	"	"	"
Endrin	"	"	"
Ethylene Dibromide (EDB)	"	"	"
Glyphosate	"	"	"
Heptachlor	"	"	"
Heptachlor Epoxide	"	"	"
Hexachlorobenzene	µg/L	Grab	Annually
Hexachlorocyclopentadiene	"	"	"
Lindane	"	"	"
Methoxychlor	"	"	"
Molinate	"	"	"
Oxamyl	"	"	"

<sup>8</sup> Limit is for either a single isomer or the sum of the isomers.

<b>Table I</b>			
<u>Chemical</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Sampling and Analysis</u>
Pentachlorophenol	“	“	“
Picloram	“	“	“
Polychlorinated Biphenyls	“	“	“
Simazine	“	“	“
Thiobencarb	“	“	“
Toxaphene	“	“	“
2,3,7,8-TCDD (Dioxin)	“	“	“
2,4,5-TP (Silvex)	“	“	“
<b><u>Disinfection By-products</u></b>			
	$\mu\text{g/L}$	Grab	Annually
Total Haloacetic acids (five) (HAA5) <sup>9</sup>	“	“	“
Bromate	“	“	“
Chlorite	“	“	“
<b><u>Notification Levels</u></b>			
Copper	$\mu\text{g/L}$	Grab	Annually
Lead	“	“	“
<b><u>Radionuclides</u></b>			
Combined Radium-226 and Radium-228	$\text{pCi/l}$	Grab	Annually
Gross Alpha particle activity (including Radium-226 but excluding Radon and Uranium)	$\text{pCi/l}$	Grab	“
Tritium	“	“	“
Strontium-90	“	“	“
Gross Beta particle activity	“	“	“
Uranium	$\text{pCi/l}$	Grab	“

<sup>9</sup> Sum of monochloroacetic acid, dichloroacetic acid, trichloroacetic acid, monobromoacetic acid, and dibromoacetic acid),

General Groundwater Recharge Waste Discharge Requirements

- The monitoring frequency for those pollutants that are detected during the required quarterly monitoring at a concentration greater than those concentrations shown in the Table below, shall be accelerated to monthly. To return to the monitoring frequency specified, the discharger shall request and receive approval from the Regional Water Board's Executive Officer or designee. If the detected concentrations are persistent and considerable, the Discharger shall implement measures to reduce discharges of such constituent(s) into the ground. The Discharger shall submit for approval by the Regional Board Executive Officer of the measures that will be implemented to reduce discharges of such constituents.

Parameter	Concentration (ug/L)
1-4 Dioxane	3 <sup>10</sup>
Total Trihalomethanes (THM)	100 <sup>3</sup>
N-Nitrosodimethylamine (NDMA)	0.01 <sup>11</sup>
Methyl-tert-butyl ether (MTBE)	13 <sup>4</sup>
Perchlorate	6 <sup>4</sup>

**C. MONITORING OF DIVERTED STORMWATER FOR RECHARGE:**

- A sampling station shall be established for each point of recharge and shall be located where representative samples of the water for recharge can be obtained. The following shall constitute the recharge water monitoring program:

<u>Chemical</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Sampling and Analysis</u>
Total Water Flow	mgd	Flow meter/totalizer	Continuous
Total Nitrogen <sup>12</sup>	mg/L	Grab <sup>13</sup>	Quarterly
Nitrate Nitrogen	"	"	"
Total Inorganic Nitrogen	"	"	"
Total Organic Carbon	"	"	"
Total Dissolved Solids	"	"	"
1-4 Dioxane	ug/L	"	"
Total Trihalomethanes (TTHM) <sup>14</sup>	"	"	"
N-Nitrosodimethylamine (NDMA)	"	"	"

<sup>10</sup> Based on CDHS' notification Level

<sup>11</sup> Based on CDHS' MCL

<sup>12</sup> Total Nitrogen is defined as the sum of nitrate, nitrite, ammonia, and organic nitrogen concentrations, expressed as nitrogen.

<sup>13</sup> Grab sample is an individual sample collected in a short period of time not exceeding 15 minutes. Grab samples shall be collected during normal peak loading conditions for the parameter of interest, which may or may not be during hydraulic peaks.

<sup>14</sup> Sum of bromodichloromethane, dibromochloromethane, bromoform, and chloroform.

<b>Table II</b>			
<u>Chemical</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Sampling and Analysis</u>
Methyl-tert-butyl ether (MTBE)	$\mu\text{g/L}$	Grab <sup>13</sup>	Quarterly
Perchlorate	"	"	"

**D. REPORTING:**

1. The results of the above analyses shall be reported to the Regional Board within 24 hours of finding any discharge that is in violation of the discharge specifications.
2. Monitoring reports shall be submitted by the 30th day of each month and shall include:
  - a. The total daily volume of recharged/percolated or re-injected water (State Project water, Colorado River Water, imported well water, and diverted stormwater), and
  - b. The results of all chemical analyses for the previous month, and annual samples whenever applicable,
  - c. A summary of the month's activities.
3. If no discharge occurs during the previous monitoring period, a letter to that effect shall be submitted in lieu of a monitoring report.
4. All reports shall be arranged in a tabular format to clearly show compliance or noncompliance with each discharge specification.
5. For every item where the requirements are not met, the discharger shall submit a statement of the actions undertaken or proposed which will bring the discharge into full compliance with requirements at the earliest time and submit a timetable for correction.
6. Upon completion of the project, the discharger shall notify the Executive Officer of the Regional Board in writing about cessation of the discharge and request for a rescission of this Order.

All reports shall be signed by a responsible officer or duly authorized representative of the discharger and shall be submitted under penalty of perjury.

Ordered by \_\_\_\_\_

Gerard J. Thibeault  
 Executive Officer

May 19, 2006

PRACTICAL QUANTITATION LEVELS FOR COMPLIANCE DETERMINATION		
Constituent	PQL µg/l	Analysis Method
1 Arsenic	7.5	GF/AA
2 Barium	20.0	ICP/GFAA
3 Cadmium	15.0	ICP
4 Chromium (VI)	15.0	ICP
5 Cobalt	10.0	GF/AA
6 Copper	19.0	GF/ICP
7 Cyanide	50.0	335.2/335.3
8 Iron	100.0	ICP
9 Lead	26.0	GF/AA
10 Manganese	20.0	ICP
11 Mercury	0.50	CV/AA
12 Nickel	50.0	ICP
13 Selenium	2.0	EPA Method 1638, 1640 or 7742
14 Silver	16.0	ICP
15 Zinc	20.0	ICP
16 1,2 - Dichlorobenzene	5.0	601/602/624
17 1,3 - Dichlorobenzene	5.0	601
18 1,4 - Dichlorobenzene	5.0	601
18 2,4 - Dichlorophenol	10.0	604/625
20 4 - Chloro -3- methylphenol	10.0	604/625
21 Aldrin	0.04	608
22 Benzene	1.0	602/624
23 Chlordane	0.30	608
24 Chloroform	5.0	601/624
25 DDT	0.10	608
26 Dichloromethane	5.0	601/624
27 Dieldrin	0.10	608
28 Fluorantene	10.0	610/625
29 Endosulfan	0.50	608
30 Endrin	0.10	608
31 Halomethanes	5.0	601/624
32 Heptachlor	0.03	608
33 Hephachlor Epoxide	0.05	608
34 Hexachlorobenzene	10.0	625
35 Hexachlorocyclohexane		
Alpha	0.03	608
Beta	0.03	608
Gamma	0.03	608
36 PAH's	10.0	610/625
37 PCB	1.0	608
38 Pentachlorophenol	10.0	604/625
39 Phenol	10.0	604/625
40 TCDD Equivalent	0.05	8280
41 Toluene	1.0	602/625
42 Toxaphene	2.0	608
43 Tributyltin	0.02	GC
44 2,4,6-Trichlorophenol	10.0	604/625

EPA PRIORITY POLLUTANT LIST		
Metals	Acid Extractibles	Base/Neutral Extractibles (continuation)
1. Antimony	45. 2-Chlorophenol	91. Hexachloroethane
2. Arsenic	46. 2,4-Dichlorophenol	92. Indeno (1,2,3-cd) Pyrene
3. Beryllium	47. 2,4-Dimethylphenol	93. Isophorone
4. Cadmium	48. 2-Methyl-4,6-Dinitrophenol	94. Naphthalene
5a. Chromium (III)	49. 2,4-Dinitrophenol	95. Nitrobenzene
5b. Chromium (VI)	50. 2-Nitrophenol	96. N-Nitrosodimethylamine
6. Copper	51. 4-Nitrophenol	97. N-Nitrosodi-N-Propylamine
7. Lead	52. 3-Methyl-4-Chlorophenol	98. N-Nitrosodiphenylamine
8. Mercury	53. Pentachlorophenol	99. Phenanthrene
9. Nickel	54. Phenol	100. Pyrene
10. Selenium	55. 2, 4, 6 - Trichlorophenol	101. 1,2,4-Trichlorobenzene
11. Silver	Base/Neutral Extractibles	Pesticides
12. Thallium	56. Acenaphthene	102. Aldrin
13. Zinc	57. Acenaphthylene	103. Alpha BHC
Miscellaneous	58. Anthracene	104. Beta BHC
14. Cyanide	59. Benzidine	105. Delta BHC
15. Asbestos (not required unless requested)	60. Benzo (a) Anthracene	106. Gamma BHC
16. 2,3,7,8-Tetrachlorodibenzo-P-Dioxin (TCDD)	61. Benzo (a) Pyrene	107. Chlordane
Volatile Organics	62. Benzo (b) Fluoranthene	108. 4, 4' - DDT
17. Acrolein	63. Benzo (g,h,i) Perylene	109. 4, 4' - DDE
18. Acrylonitrile	64. Benzo (k) Fluoranthene	110. 4, 4' - DDD
19. Benzene	65. Bis (2-Chloroethoxy) Methane	111. Dieldrin
20. Bromoform	66. Bis (2-Chloroethyl) Ether	112. Alpha Endosulfan
21. Carbon Tetrachloride	67. Bis (2-Chloroisopropyl) Ether	113. Beta Endosulfan
22. Chlorobenzene	68. Bis (2-Ethylhexyl) Phthalate	114. Endosulfan Sulfate
23. Chlorodibromomethane	69. 4-Bromophenyl Phenyl Ether	115. Endrin
24. Chloroethane	70. Butylbenzyl Phthalate	116. Endrin Aldehyde
25. 2-Chloroethyl Vinyl Ether	71. 2-Chloronaphthalene	117. Heptachlor
26. Chloroform	72. 4-Chlorophenyl Phenyl Ether	118. Heptachlor Epoxide
27. Dichlorobromomethane	73. Chrysene	119. PCB 1016
28. 1,1-Dichloroethane	74. Dibenzo (a,h) Anthracene	120. PCB 1221
29. 1,2-Dichloroethane	75. 1,2-Dichlorobenzene	121. PCB 1232
30. 1,1-Dichloroethylene	76. 1,3-Dichlorobenzene	122. PCB 1242
31. 1,2-Dichloropropane	77. 1,4-Dichlorobenzene	123. PCB 1248
32. 1,3-Dichloropropylene	78. 3,3'-Dichlorobenzidine	124. PCB 1254
33. Ethylbenzene	79. Diethyl Phthalate	125. PCB 1260
34. Methyl Bromide	80. Dimethyl Phthalate	126. Toxaphene
35. Methyl Chloride	81. Di-n-Butyl Phthalate	
36. Methylene Chloride	82. 2,4-Dinitrotoluene	
37. 1,1,2,2-Tetrachloroethane	83. 2-6-Dinitrotoluene	
38. Tetrachloroethylene	84. Di-n-Octyl Phthalate	
39. Toluene	85. 1,2-Dipenylylhydrazine	
40. 1,2-Trans-Dichloroethylene	86. Fluoranthene	
41. 1,1,1-Trichloroethane	87. Fluorene	
42. 1,1,2-Trichloroethane	88. Hexachlorobenzene	
43. Trichloroethylene	89. Hexachlorobutadiene	
44. Vinyl Chloride	90. Hexachlorocyclopentadiene	

**NOTICE OF INTENT**

TO COMPLY WITH THE TERMS AND CONDITIONS OF THE GENERAL PERMIT TO REINJECT/PERCOLATE IMPORTED STATE PROJECT WATER, COLORADO RIVER WATER OR IMPORTED WELL WATER TO RECHARGE GROUNDWATER MANAGEMENT ZONES WITHIN THE SANTA ANA REGION  
(Order No. R8-2006-0005)

I. PERMITTEE (*Person/Agency Responsible for the Discharge*)

Agency/Company Name: \_\_\_\_\_

Address: \_\_\_\_\_  
*Street City State ZIP*

Contact Person: \_\_\_\_\_ Phone: (\_\_\_\_) \_\_\_\_\_

II. PROJECT DESCRIPTION

Section E. Application Requirements of Order No. 2006-0005 requires that the following information be submitted with the NOI:

- 1) Characterization of the proposed wastewater discharge. A representative water sample shall be analyzed for all 126-priority pollutants<sup>1</sup> listed in Attachment B of the M&RP, TDS and nitrate-nitrogen.
- 2) The name and location where groundwater recharge is planned;
- 3) The groundwater management zone(s) that would be affected by the discharge;
- 4) The estimated average and maximum daily flow rates;
- 5) The frequency and duration of the discharge;
- 6) A description of the proposed treatment system (if appropriate); and
- 7) A map showing locations and sizes of recharge basins or aquifer storage/recovery wells.
- 8) For discharges that would affect groundwater management zones with both maximum benefit and antidegradation TDS and nitrate-nitrogen objectives, confirmation from the agency/-ies responsible for maximum benefit commitments (see Provisions C.2.) that the discharge is consistent with the maximum benefit program.

Has a report that contains this required information been submitted as part of this NOI (check the answer that applies):

Yes \_\_\_\_\_; No \_\_\_\_\_.

III. BILLING INFORMATION (*Where annual fee invoices should be sent*)

Agency/Company Name: \_\_\_\_\_

Address: \_\_\_\_\_  
*Street City State ZIP*

Contact Person: \_\_\_\_\_ Phone: (\_\_\_\_) \_\_\_\_\_

IV. INDICATE EXISTING PERMIT NUMBER: (*if applicable*)

- a. Individual permit Order No. \_\_\_\_\_

V. CERTIFICATION:

*I certify under penalty of law that I am an authorized representative of the permittee and that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. In addition, I certify that the permittee will comply with the terms and conditions stipulated in Order No. R8-2006-0005 including the monitoring and reporting program issued by the Executive Officer of the Regional Board.*

Name and Official Title: \_\_\_\_\_  
*(type or print)*

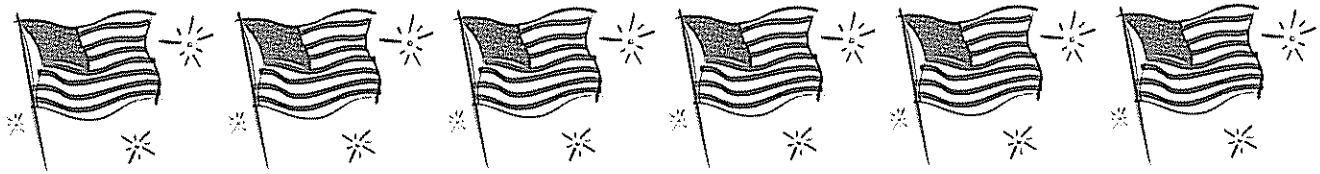
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Remarks: *If changes to facility ownership and/or treatment processes were made after the issuance of the existing permit, please provide a description of such changes on another sheet and submit it with this Notice of Intent.*

<sup>1</sup> *Test methods shall be in accordance with 40 CFR 136. For testing organic volatile compounds use EPA Method 8260 and report entire suite of detected constituents. The method detection limit and detection level attained shall also be reported with the test results.*

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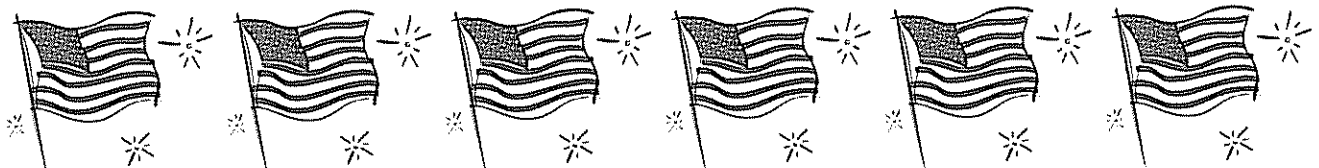


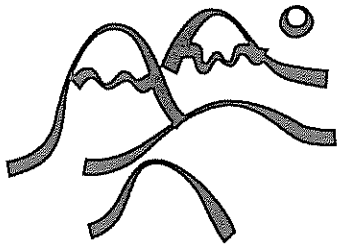
# CHINO BASIN WATERMASTER

## III. REPORTS/UPDATES

### C. CEO/STAFF REPORT

6. Inland Empire Public Affairs Network





## **Inland Empire Public Affairs Network**

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May , 2006

Dear Friends:

The Inland Empire has become an area exploding with growth and development. To help keep professionals and elected officials apprised of the many public policy issues regionally and throughout the state, we are creating a Public Affairs network. We have joined forces with the San Gabriel Valley Public Affairs Network in forming our own Inland Empire chapter.

Our goal will be to meet quarterly and bring speakers to address some of the key concerns of this region and to discuss issues important to all of us. The inaugural lunch will be held on **Friday, June 2, 2006 at 11:45 a.m. at the Double Tree Hotel in Ontario. Fred Aguiar, Cabinet Secretary to Governor Arnold Schwarzenegger will be our keynote speaker.**

In order for this event to be successful, we are seeking sponsorship support. Support levels are as follows:

***PLATINUM LEVEL - \$500 Sponsorship***

- *Lunch for 8. Includes recognition in program and recognition at event.*
- *4 PAN Memberships*
- *two VIP tickets to private reception later in the year*

***GOLD LEVEL - \$250 Sponsorship***

- *Lunch for 4. Includes recognition in program.*
- *2 PAN Memberships*
- *one VIP ticket to private reception later in the year*

In addition, our other goal for this event is to raise funds for youth education. We have partnered with Future America, an organization that works with students. We also hope to partner with local school districts in attending these luncheons as part of an ongoing education program in public policy. This opportunity will allow students to learn more about the legislative and public policy process and gives them a first-hand opportunity to meet with local elected officials and community leaders.

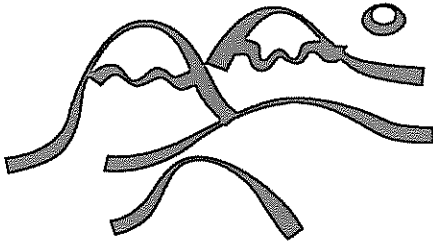
Please feel free to contact Sondra Elrod should you have any questions or need additional information. She can be reached at 909-993-1747.

Sincerely yours,

Co-Chairman

Co-Chairman

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# Inland Empire Public Affairs Network

## Platinum Level Sponsor \$500

- Lunch for 8
- Recognition in program
- Recognition at event
- 4 PAN memberships
- 2 VIP tickets to private reception to be held later in the year

## Gold Level Sponsor \$250

- Lunch for 4
- Recognition in program
- 2 PAN memberships
- 1 VIP ticket to private reception to be held later in the year

Please join the Inland Empire Public Affairs Network (PAN) for their Inaugural Luncheon

Presentation by

**Fred Aguiar**

**Cabinet Secretary to Governor Arnold Schwarzenegger**

Governor Schwarzenegger appointed Fred Aguiar as his Cabinet Secretary in early 2006. As Cabinet Secretary, Aguiar is the direct liaison between the Governor and his Cabinet members and all Executive Branch agency and department directors. The Cabinet Office is responsible for developing, coordinating and implementing public policy strategy for the Administration. Additionally, the Cabinet Secretary directs the Governor's Washington D.C. Office coordinating California's interests at the national level.

**Friday, June 2, 2006**

11:30 a.m. Registration

Noon Lunch

**DoubleTree Hotel Ontario Airport**

**Lake Gregory Room**

222 North Vineyard

Ontario, California 91764

**Please RSVP by May 24th to**

**Sherri Lynne Molino**

**909-484-3888 x 228**

**Email: [smolino@cbwm.org](mailto:smolino@cbwm.org)**

Please make checks payable to:

Future America c/o IEPAN

8816 Foothill Blvd., Suite 103

P.O. Box 156

Rancho Cucamonga, CA 91730

Name \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_

### Registration:

### Price

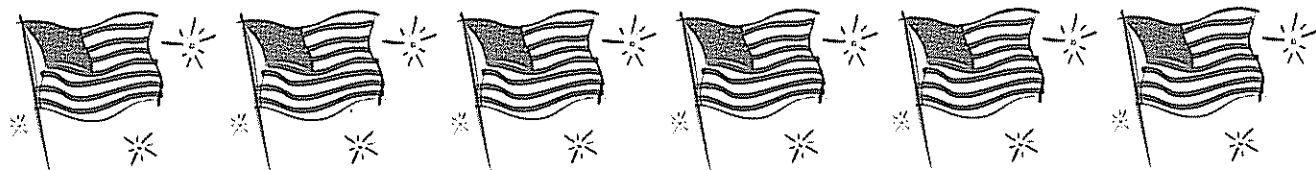
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|---|----------|
| <input type="checkbox"/> Platinum Level Sponsorship | \$500.00 |
| <input type="checkbox"/> Gold Level Sponsorship     | \$250.00 |
| <input type="checkbox"/> PAN member rate*           | \$40.00  |

Subtotal: \_\_\_\_\_

Total: \_\_\_\_\_

\*For this inaugural event, all attendees will receive the member rate!!

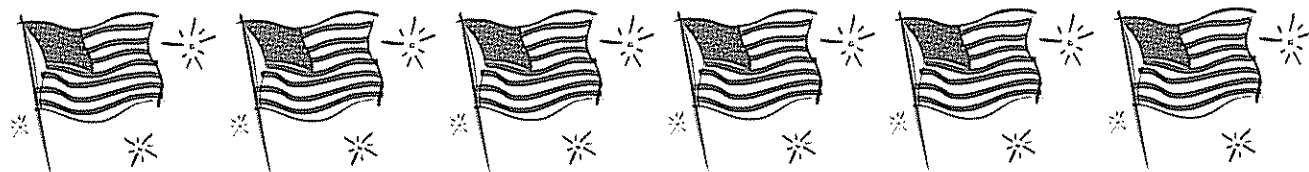
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# CHINO BASIN WATERMASTER

## V. INFORMATION

1. Newspaper Articles



<http://www.latimes.com/news/local/la-me-dam16apr16,0,5404877.story?track=tottext>  
*From the Los Angeles Times*

## The Delicate Act of Juggling Water

Dam outflows must be choreographed to avoid overwhelming the levees or overfilling reservoirs.

By Bettina Boxall  
Times Staff Writer

April 16, 2006

MILLERTON LAKE, Calif. — In four roaring funnels, water shoots out of the mouth of Friant Dam at 85 mph, tumbling into a churning pool of froth that looks like a giant tub of cappuccino foam.

The scene is part of a complicated choreography of water releases underway in the San Joaquin River Basin as dam managers try to avert serious flooding in this sodden spring of endless rain and monster snowpacks in Northern and Central California.

Here, 20 miles northeast of Fresno, dam operators have to make room for the coming snowmelt in the smallest reservoir in the big federal water project that greens the Central Valley. But they can't let out too much water or it will break through the aging, earthen levee system that guards towns and farms downstream.

It is a season of round-the-clock monitoring, canceled vacations and anxious weather readings. "At times like that my body is running at 100 miles an hour," said Friant operations chief Tony Buelna, who at the beginning of the month, when nature was filling the reservoir to the brim, got a total of four hours of sleep in three days.

With last week's weather drier than expected, Millerton's levels were starting to fall and Buelna was getting some sleep. But the potential for disaster will last well into the summer.

In the High Sierra, where the headwaters of the San Joaquin arise southeast of Yosemite National Park, the snowpack is 170% of the norm — 50 feet deep in some places. When that melts, there will be enough runoff to fill Millerton four times over.

The 319-foot-tall Friant Dam, built at the beginning of World War II and the only one on the main stem of the San Joaquin, is one of nearly a dozen in the drainage basin. There are 10 others on the river's tributaries, which branch out like vines on a trellis as the San Joaquin runs northwest to its delta just east of San Francisco Bay.

Each of those dams is spitting water into the system from swollen reservoirs, complicating the release calculations. The dam operators are like air traffic controllers, constantly juggling what is coming in and out of their reservoirs. But unlike air controllers, they have little say over what comes in — and they have to be aware of what every other dam is doing.

With much of the state on flood alert and an emergency declaration in more than a dozen Northern and Central California counties, dam managers consult with each in daily teleconferences. They

listen to morning weather briefings and pore over computer models that try to predict runoff based on the temperature, precipitation and snowpack.

They look at maps that plot flow times, showing how long it takes dam releases to reach a particular section of the river, where they will be joined by water from other reservoirs. More maps tell them how much flow the river can handle without surging over its levee walls.

In his office near the base of the dam, bounded by the fresh green Sierra foothills, Buelna taps into a computer program that analyzes San Joaquin records going back to 1896.

His desk is papered with computer printouts. One is covered with hourly readings that track flows in and out of Millerton and precisely how full it is. Others show precipitation and temperature data and how much water is in the smaller hydroelectric lakes above Millerton, in the upper reaches of the San Joaquin.

Thursday, a warm, sunny spring day, Friant was releasing 7,700 cubic feet per second into the river channel, plus an additional 3,000 cubic feet per second into the two big irrigation canals that carry water from Millerton up and down the east side of the San Joaquin Valley. A cubic foot of water will roughly fill a basketball, meaning that each second, 7,700 basketballs of water are spewing out of the base of the concrete dam, sending up 60-foot-tall spray. For a couple of days this month, water was also spilling over the top of the dam gates for a thunderous ride down Friant's sloping face.

It is a dramatically different scene than one normally encounters at Friant, which was built to keep water out of the river and send it to some of the richest agricultural land in the country. The dam has done such a good job that in the typical summer dry season, the San Joaquin shrivels to nothing in two sections below.

As a result, historically bountiful salmon runs have been wiped out, sparking a long, bitter environmental battle that is poised for a court settlement that could put enough water back into the river to revive those dead spots.

For now, there is no shortage of water, and dam managers are doing everything they can to keep the San Joaquin from running wild. It is a delicate balancing act. If they hold back too much, they can lose control of their reservoirs. And if they let out too much, they can cause flooding.

That happened in 1997, when New Year's storms swelled reservoirs to the bursting point in Northern and Central California. Buelna opened the dam gates for the first time for a flood release in Friant's history, unleashing a water surge that carved a destructive path downstream. He and some other dam managers were criticized for not releasing more water in advance of the storms to create room for the sudden runoff.

Buelna, who has run Friant operations since 1990, said the 1997 storms were too powerful to avoid a big release. But he acknowledged he has his critics — it goes with the job. Now, in places like the little farm community of Firebaugh, where emergency workers have been stacking sandbags atop old levees, Buelna says people are looking up at the huge Sierra snowpack and wishing he would let out more water to create a bigger hole in his reservoir.

At the same time, the U.S. Army Corps of Engineers wants him to limit outflows to make room for releases from other reservoirs.



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## Recycled water plan moves ahead

By Wendy Leung, Staff Writer  
Inland Valley Daily Bulletin

Water hydrants and pipes painted purple may soon be unavoidable in the Inland Valley.

Purple represents recycled water, something the Chino Basin will have more of in the coming years.

The Recycled Water Groundwater Recharge Program – started two years ago to combine storm water, recycled water and imported water in seven basins – is headed to its second phase. Pending approval from the Department of Health Services, the second phase of the program will add six additional basins that would increase the amount of recycled water recharged in the Chino Basin by 11,400 acre-feet.

Using recycled water is crucial to meet the needs of the rapidly growing area the Chino Basin serves, said Kenneth Manning, chief executive officer of the Chino Basin Watermaster.

"Recycled water is consistent. We know we're going to get it day in and day out and it reduces our reliance on imported water," Manning said.

At 250 square miles, the Chino Basin stretches from Pomona to Rialto and holds enough water for current needs. But water that is pumped out must be replaced for it to meet future demand.

Speaking at a public hearing on Thursday, Glen Durrington, a local farmer, said he was supportive of the program expansion.

"Recycling water has been going on for hundreds of years," Durrington said. "People don't realize it, but it's good water."

Andy Campbell of the Inland Empire Utilities Agency said recycled water will meet drinking standards after going through a treatment plant.

Recycled water is also much cheaper, costing between \$60 to \$80 an acre-foot as compared to the \$250 an acre-foot of imported water.

Pumped from Northern California, imported water used in the Chino Basin is also becoming limited and may not be enough for this booming region. Water demands served by the Chino Basin are expected to double by 2025.

Utilizing recycled water, Manning said, would not only save money but it would save energy otherwise used to pump imported water.

"It would take demand away from the Colorado River," Manning said. "It's a strategy that's important for the Western part of the United States."

The second phase of the program is expected to be completed by 2008.

Wendy Leung can be reached by e-mail at [wendy.leung@dailybulletin.com](mailto:wendy.leung@dailybulletin.com) or by phone at (909) 483-9376.

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## Area dairy industry continues to sour

By Joe Florkowski, Staff Writer  
Inland Valley Daily Bulletin

The dairy decline continues.

Motivated by attractive land prices and a host of other factors, dairy owners continued their exodus from San Bernardino and Riverside counties last year, according to statistics from the state Department of Food and Agriculture.

The number of dairies in the two-county area fell from 209 in 2004 to 181 in 2005, according to the agency's numbers, leaving the region with its fewest number of dairies since the 1950s.

Despite the numbers, not all dairies are ready to say goodbye to the Inland Empire, dairy real estate brokers and executives say.

Some farmers, especially those who have started newer, larger dairies in San Jacinto in Riverside County, will remain, said Bill Van Dam, executive director of Chino-based Milk Producer Council.

"There is more interest in staying and dairying around here than I thought," said Van Dam, who recently started serving as director of the council.

Nevertheless, most of the Chino Valley dairies are leaving, said Syp Vander Dussen, who owns a Chino dairy with about 2,400 cows. If all the dairies in escrow right now were to leave the region, Chino Valley would have about 25 percent of its dairies left, Vander Dussen said.

The Inland Valley's dairy industry was once prominent in the 1960s in the area of Chino and what is now Ontario. More than 400 dairies operated at the peak of the industry's boom in the 1960s and 1970s.

But as the Inland Valley has become more urbanized, more dairy owners have opted to leave the region, for a variety of reasons.

Chino Valley dairies once considered spacious now are too small. Their owners have moved to California's Central Valley, or to other states, where they can buy bigger properties and milk more cows.

Some dairy owners have chosen simply to retire, while others have left the business.

In their place, developers have built homes. On what was once dairy land in Chino, families already live in the master-planned development called the Preserve.

In Ontario, homes will be built later this year below Riverside Drive in the New Model Colony development. And in western Riverside County, the burgeoning unincorporated community of Eastvale has sprung up on what was formerly farmland.

David Beno, an Ontario-based real estate broker who specializes in dairies, said the rate at which dairies leave or close will slow over the next few years. Many dairies will close or move from the region in 2006, but fewer will leave in 2007-08, Beno predicted.

High interest rates combined with a correcting housing market will cause developers to be cautious when they buy dairy properties, he said.

Despite the dairy migration from the Inland Valley in recent years, milk is still king in San Bernardino County.

In preliminary estimates, the value of the milk produced in 2005 was nearly \$342 million. The next-closest agricultural product or crop was eggs, valued at \$31 million, according to San Bernardino County's Department of Agriculture Weights and Measures.

Milk is generally about 60 percent of the county's annual agricultural production per year, said John Gardner, deputy commissioner with the county's weights and measures department.

The dairy migration has also affected the businesses that depend on dairies.

Vander Dussen calls it "the reverse of pioneering."

For example, the California Dairy Herd Improvement Association has operated out of Chino Airport since 1971. But the association, which tests milk for farmers, opened a satellite office in California's Central Valley in 2004.

The Chino association office serves about 128 dairies in the Chino Valley. The Central Valley office serves 43, said Rick Bealer, general manager. A few years ago, the Chino office served more than 150 area dairies, he said.

The association will remain as long as it's needed, Bealer said. "We're going to be here as long as the dairies need us here," he said.

Joe Florkowski can be reached by e-mail at [joe.florkowsklor](mailto:joe.florkowsklor) by phone at (909) 483-9391.

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## County, Colonies heading to court

### Flood control requirements remain major sticking point

By Edward Barrera, Staff Writer  
Inland Valley Daily Bulletin

Next Monday's trial between San Bernardino County and the developers of the Colonies project in Upland will finally begin to settle some of the most significant questions of the four-year battle.

A judge at San Bernardino Superior Court will decide the extent of the county's rights to flood control facilities on the Colonies Partners' 434-acre property in northeast Upland.

About 67 acres are being used for water storage and storm runoff.

An appellate court last summer decided that the 67 acres mandated by the county to be used for flood control is more than what was originally allowed from a 1933 easement.

An easement is the right of a public entity to make use of land primarily owned by another owner for a limited purpose, such as a utility line.

But the appellate court added that a 1939 easement might give the county more access.

"We are anxiously waiting for the trial to begin," said Dan Richards, Colonies co-managing partner. "This has gone on long enough."

The county could face a huge financial hit if any ruling favors the Colonies since, as the appellate court noted, "the burden on the Colonies' property is far more significant than slight."

A lawsuit for damages is waiting in the wings, predicated not only on any land illegally taken but on costs spent for basin renovations and impact on Colonies Partners due to construction delays.

Colonies will be asking for upward of \$200 million in any award judgment.

The specter of that award, which would wipe out the county's West End flood control district fund, is what pushed county officials to attempt settlement talks last month. Though negotiations initially appeared promising, they soon fizzled out.

"It was not close enough to get it done. That's the bottom line," said county Supervisor Paul Biane, who has been vocal about how it could affect the second district.

Richards, who would not divulge details, said he believed a deal was done before it fell apart.

County and Colonies officials came close last year when negotiators struck a deal to reimburse the developers for basin costs and compensate them for taking 37 acres. The deal would have cost the county about \$75 million in land and cash payments. But it was never approved by the full Board of Supervisors.

"I don't see how (the Colonies) have been injured at any point," Supervisor Dennis Hansberger said. "(The county) has a lot at stake. I don't think there is a lot at stake for the Colonies. If they lose everything, they will still make tens of millions of dollars."

Colonies officials have said that the county took their property without just compensation and reneged on promises to pay for flood control renovations, which the company has already spent nearly \$25 million to make.

Richards said even with a ruling in the Colonies' favor, the developers would still be open to a settlement, though the price keeps going up.

"Unfortunately, the taxpayers are the loser, and we are not happy about that," he said. "The Board of Supervisors have to be held accountable. When this is ultimately resolved, and the public understands the true accounting of the missteps by the county, the supervisors will have to bear that responsibility."

The county also filed a suit against Caltrans, San Bernardino Associated Governments and the city of Upland, intending to hold them financially responsible if the county is forced to pay any damages.

Officials from the county and Colonies say they believe that any judgment will be appealed.

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